

**REPORT OF THE
2008 DIAMOND DRILLING
ON THE
W4 NICKEL DEPOSIT AREA**

**LANGMUIR PROPERTY
PORCUPINE MINING DIVISION,
NORTHEASTERN ONTARIO
of**



**GOLDEN CHALICE
RESOURCES INC**

**NTS: 42A 6/7
January 26, 2009**

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SUMMARY

The Langmuir Property, held by Golden Chalice Resources Inc., is situated 30 km southeast of Timmins, Ontario. It is comprised of 74 contiguous unpatented mining claims (13,841 hectares) located along the east side of Nighthawk Lake and southern portions of Eldorado and Langmuir Townships.

Golden Chalice Resources commenced exploration on the property in 2005. An initial short drilling program of four holes totaling 528 m was completed for assessment purposes. This 2005 drilling intersected ultramafic flows and sills with sulphidic interflow sediments that were anomalous in nickel. The anomalous nickel in the sediments represented a possible sulphur source for Kambalda style nickel mineralization in the ultramafic flow stratigraphy on the property. As a result of this encouragement, a detailed (75 meter flight line spacing) VTEM airborne survey was flown by Geotech over the eastern part of the Langmuir property. Processing of the EM data in early 2006 identified 18 separate airborne EM anomaly clusters as potential sulphide targets.

In 2007, a first phase of drilling designed to test the VTEM clusters was conducted. This first phase diamond drilling program consisted of eight holes totalling 2,374 metres. The drilling program tested eight of the 18 outlined airborne VTEM anomaly clusters. The sixth EM anomaly cluster drill tested returned 1.14% Nickel over 72.50 metres, including two separate heavily mineralized intervals of 2.23% Nickel (Ni), 0.22% Copper (Cu), 0.20 g/t Platinum (Pt), and 0.50 g/t Palladium (Pd) over 17.50 metres of drill core, and 1.74 % Ni, 0.12% Cu, 0.20 g/t Pt, and 0.47 g/t Pd over 13.10 metres of drill core (Drill hole GCL07-06). This nickel discovery was the first significant nickel discovery in the Timmins mining camp in over 30 years.

The discovery resulted in a significant drilling program of 37 drill holes totalling 16,262 m on claim 4203498 of the Langmuir Property. This 2007 program was successful in tracing the nickel zones from hole GCL07-06 for a strike extent of approximately 200 meters. It also defined the nickel zones to a depth of at least 250 meters below surface.

In 2008, a tighter spaced infill drilling program was conducted in the area of the Langmuir Nickel Discovery. It was comprised of 31 drill holes totalling 6,077 m. This program validated the continuity of the nickel mineralization in the A zone and the presence of the A zone extending to surface. It confirmed that a nickel deposit “named Langmuir W4” consisting of three sub-parallel nickel zones (A to C) occurs on claim 4203498 of the Golden Chalice Resources Langmuir Property.

It is recommended that future exploration work on the Langmuir W4 nickel deposit consist of a resource estimation and more diamond drilling to test the eastern down plunge extension of the nickel zones and their depth potential.

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Drill Hole Plan Maps (in back pocket)

Map 1 Langmuir 2008 Drill Hole Traces

Drill Hole Sections (in back pocket)

Sections 497300E to 497550E

INTRODUCTION

The Langmuir Property is comprised of 74 contiguous unpatented mining claims (856 units) covering approximately 13,841 hectares in Blackstock, Carman, Cody, Eldorado, Fallon, Langmuir, Macklem and Thomas Townships. The property is held 100% by Golden Chalice Resources.

This report describes the 2008 summer-winter diamond drilling program on the Langmuir W4 Nickel Deposit area. The drilling occurred from January 27, 2008 to July 30, 2008. The co-ordination and implementation of the various geotechnical tasks was conducted by K. Montgomery, S. Beauchamp, and G. Sparling all of Timmins Ontario. Field technicians employed during the drilling program included D Dmytrow, J Stockill, D, Larsen and K Kivi all of Timmins Ontario.

LOCATION AND ACCESS

The property is situated in Langmuir Township, Porcupine Mining Division, Northeastern Ontario. The centre of the property is approximately 30 km southeast of Timmins (Figure 1). It covers the eastern margin of Nighthawk Lake in Carman and Langmuir Townships and the southern portions of Langmuir and Eldorado Townships. The latitude and longitude of the property is approximately 48 20'N and 80 02' W.

The property is accessed by motor vehicle south from the village of South Porcupine via a forest access road known as Stringers Road. This road cuts through the central western portion of the property. ATV/Drill trails trend off Stringers Road and allow all terrain vehicle access to the drill sites.

PROPERTY DESCRIPTION

The Langmuir Property is comprised of 74 unpatented mining claims (861 claim units) in Blackstock, Carman, Cody, Eldorado, Fallon, Langmuir, Macklem and Thomas Townships. It is approximately 13,841 hectares in size and owned 100% by Golden Chalice Resources.

Table 1 Langmuir Property Claim Listing

| Twp | Claim | Rec Date | Due Date | Work req | No. units | Size |
|------------|-------------------------|-----------------|-----------------|-----------------|------------------|-------------|
| BLACKSTOCK | 4201285 | 2005-Nov-01 | 2010-Nov-01 | \$3,200 | 8 | 129.36 |
| BLACKSTOCK | 4201286 | 2005-Nov-01 | 2010-Nov-01 | \$6,400 | 16 | 258.72 |
| BLACKSTOCK | 4201287 | 2005-Nov-01 | 2010-Nov-01 | \$6,400 | 16 | 258.72 |
| BLACKSTOCK | 4201288 | 2005-Nov-01 | 2010-Nov-01 | \$6,400 | 16 | 258.72 |

| | | | | | | |
|------------|-------------------------|-------------|-------------|---------|----|--------|
| BLACKSTOCK | 4220195 | 2007-May-22 | 2010-May-22 | \$6,400 | 16 | 258.72 |
| BLACKSTOCK | 4220196 | 2007-May-22 | 2010-May-22 | \$6,400 | 16 | 258.72 |
| CARMAN | 4220198 | 2007-Jun-12 | 2010-Jun-12 | \$800 | 2 | 32.34 |
| CARMAN | 4220201 | 2007-May-22 | 2010-May-22 | \$4,400 | 11 | 177.87 |
| CARMAN | 4220204 | 2007-May-22 | 2010-May-22 | \$6,400 | 16 | 258.72 |
| CARMAN | 4220205 | 2007-May-22 | 2010-May-22 | \$6,400 | 16 | 258.72 |
| CARMAN | 4220206 | 2007-May-22 | 2010-May-22 | \$6,000 | 15 | 242.55 |
| CARMAN | 4220207 | 2007-May-22 | 2010-May-22 | \$4,800 | 12 | 194.04 |
| CARMAN | 4220208 | 2007-May-22 | 2010-May-22 | \$5,600 | 14 | 226.38 |
| CARMAN | 4220209 | 2007-May-22 | 2010-May-22 | \$4,800 | 12 | 194.04 |
| CARMAN | 4220211 | 2007-May-22 | 2010-May-22 | \$6,400 | 16 | 258.72 |
| CARMAN | 4220212 | 2007-May-22 | 2010-May-22 | \$6,400 | 16 | 258.72 |
| CARMAN | 4220213 | 2007-May-22 | 2010-May-22 | \$6,400 | 16 | 258.72 |
| CARMAN | 4220214 | 2007-May-22 | 2010-May-22 | \$6,400 | 16 | 258.72 |
| CARMAN | 4220215 | 2007-May-22 | 2010-May-22 | \$6,400 | 16 | 258.72 |
| CARMAN | 4220216 | 2007-May-22 | 2010-May-22 | \$6,400 | 16 | 258.72 |
| ELDORADO | 4201267 | 2006-Feb-15 | 2010-Feb-15 | \$6,400 | 16 | 258.72 |
| ELDORADO | 4201268 | 2006-Feb-15 | 2010-Feb-15 | \$6,400 | 16 | 258.72 |
| ELDORADO | 4201269 | 2006-Feb-15 | 2010-Feb-15 | \$6,400 | 16 | 258.72 |
| ELDORADO | 4201270 | 2006-Feb-15 | 2010-Feb-15 | \$2,400 | 6 | 97.02 |
| ELDORADO | 4201271 | 2006-Feb-15 | 2010-Feb-15 | \$6,000 | 15 | 242.55 |
| ELDORADO | 4201274 | 2006-Feb-15 | 2010-Feb-15 | \$6,400 | 16 | 258.72 |
| ELDORADO | 4201275 | 2005-Nov-01 | 2010-Nov-01 | \$6,400 | 16 | 258.72 |
| FALLON | 4201280 | 2005-Nov-01 | 2010-Nov-01 | \$1,600 | 4 | 64.68 |
| LANGMUIR | 3013180 | 2005-Jul-18 | 2010-Jul-18 | \$400 | 1 | 16.17 |
| LANGMUIR | 3013181 | 2005-Jul-18 | 2010-Jul-18 | \$400 | 1 | 16.17 |
| LANGMUIR | 3013182 | 2005-Jul-18 | 2010-Jul-18 | \$6,400 | 16 | 258.72 |
| LANGMUIR | 3013183 | 2005-Jul-18 | 2010-Jul-18 | \$6,400 | 16 | 258.72 |
| LANGMUIR | 3013184 | 2005-Jul-18 | 2010-Jul-18 | \$4,800 | 12 | 194.04 |
| LANGMUIR | 3013185 | 2005-Jul-18 | 2010-Jul-18 | \$6,400 | 16 | 258.72 |
| LANGMUIR | 3015576 | 2005-Jul-18 | 2010-Jul-18 | \$2,000 | 5 | 80.85 |
| LANGMUIR | 3017517 | 2004-May-03 | 2011-May-03 | \$1,600 | 4 | 64.68 |
| LANGMUIR | 3017518 | 2004-May-03 | 2011-May-03 | \$4,400 | 11 | 177.87 |
| LANGMUIR | 3018143 | 2005-Jul-18 | 2010-Jul-18 | \$5,200 | 13 | 210.21 |
| LANGMUIR | 4201276 | 2005-Nov-01 | 2010-Nov-01 | \$6,400 | 16 | 258.72 |
| LANGMUIR | 4201277 | 2005-Nov-01 | 2010-Nov-01 | \$4,000 | 10 | 161.7 |
| LANGMUIR | 4201278 | 2005-Nov-01 | 2010-Nov-01 | \$1,600 | 4 | 64.68 |
| LANGMUIR | 4201279 | 2005-Nov-01 | 2010-Nov-01 | \$4,000 | 10 | 161.7 |
| LANGMUIR | 4201281 | 2005-Nov-01 | 2010-Nov-01 | \$800 | 2 | 32.34 |

| | | | | | | |
|----------|-------------------------|-------------|--------------|-----------|-----|----------|
| LANGMUIR | 4201282 | 2005-Nov-01 | 2010-Nov-01 | \$4,000 | 10 | 161.7 |
| LANGMUIR | 4201283 | 2005-Nov-01 | 2010-Nov-01 | \$4,800 | 12 | 194.04 |
| LANGMUIR | 4201284 | 2005-Nov-01 | 2010-Nov-01 | \$4,800 | 12 | 194.04 |
| LANGMUIR | 4201289 | 2005-Nov-01 | 2010-Nov-01 | \$6,400 | 16 | 258.72 |
| LANGMUIR | 4201290 | 2005-Nov-01 | 2010-Nov-01 | \$1,600 | 4 | 64.68 |
| LANGMUIR | 4202744 | 2005-Jun-06 | 2010-Jun-06 | \$800 | 2 | 32.34 |
| LANGMUIR | 4202748 | 2005-Jul-18 | 2014-Jul-18 | \$4,400 | 11 | 177.87 |
| LANGMUIR | 4202814 | 2005-Jun-06 | 2010-Jun-06 | \$400 | 1 | 16.17 |
| LANGMUIR | 4202815 | 2005-Jun-06 | 2010-Jun-06 | \$1,600 | 4 | 64.68 |
| LANGMUIR | 4202816 | 2005-Jun-06 | 2010-Jun-06 | \$3,200 | 8 | 129.36 |
| LANGMUIR | 4203498 | 2005-Jul-18 | 2014-Jul-18 | \$3,200 | 8 | 129.36 |
| LANGMUIR | 4203563 | 2005-Feb-08 | 2011-Feb-08 | \$4,000 | 10 | 161.70 |
| LANGMUIR | 4203564 | 2005-Feb-08 | 2011-Feb-08 | \$6,000 | 15 | 242.55 |
| LANGMUIR | 4203567 | 2005-Feb-08 | 2011-Feb-08 | \$6,400 | 16 | 258.72 |
| LANGMUIR | 4203568 | 2005-Feb-08 | 2011-Feb-08 | \$3,200 | 8 | 129.36 |
| LANGMUIR | 4203569 | 2005-Feb-08 | 2011-Feb-08 | \$3,200 | 8 | 129.36 |
| LANGMUIR | 4203570 | 2005-Feb-08 | 2011-Feb-08 | \$400 | 1 | 16.17 |
| LANGMUIR | 4203571 | 2005-Feb-08 | 2011-Feb-08 | \$6,400 | 16 | 258.72 |
| LANGMUIR | 4207038 | 2005-Jul-18 | 2010-Jul-18 | \$1,600 | 4 | 64.68 |
| LANGMUIR | 4220197 | 2007-May-22 | 2010-May-22 | \$1,200 | 3 | 48.51 |
| LANGMUIR | 4220210 | 2007-May-22 | 2010-May-22 | \$4,800 | 12 | 194.04 |
| THOMAS | 4220191 | 2007-May-22 | 2010-May-22 | \$6,400 | 16 | 258.72 |
| THOMAS | 4220192 | 2007-May-22 | 2010-May-22 | \$6,400 | 16 | 258.72 |
| THOMAS | 4220193 | 2007-May-22 | 2010-May-22 | \$6,400 | 16 | 258.72 |
| THOMAS | 4220194 | 2007-May-22 | 2010-May-22 | \$6,400 | 16 | 258.72 |
| THOMAS | 4220219 | 2007-May-22 | 2010-May-22 | \$6,400 | 16 | 258.72 |
| THOMAS | 4220220 | 2007-May-22 | 2010-May-22 | \$6,400 | 16 | 258.72 |
| CODY | 4220202 | 2007-May-22 | 2010-May-22 | \$3,200 | 8 | 129.36 |
| CODY | 4220203 | 2007-May-22 | 2010-May-22 | \$6,400 | 16 | 258.72 |
| CODY | 4220217 | 2007-May-22 | 2010-May-22 | \$6,400 | 16 | 258.72 |
| MACKLEM | 4220218 | 2007-May-22 | 2010-May-22 | \$6,000 | 15 | 242.55 |
| | | | TOTAL | \$342,400 | 851 | 13841.52 |

The topography of the Langmuir Property is comprised of flat to gently rolling relief with little outcrop exposure. Vegetation consists of mixed deciduous and conifers chiefly consisting of birch, poplar, spruce and balsam. The elevation of the property is approximately 300 meters above sea level. The climate of the project area is warm and dry during the summer months from May through to September and cold and snowy from November to March. Temperatures range from +30 Celsius in the summer to -30 Celsius in the winter (Caldbeck, 2007).

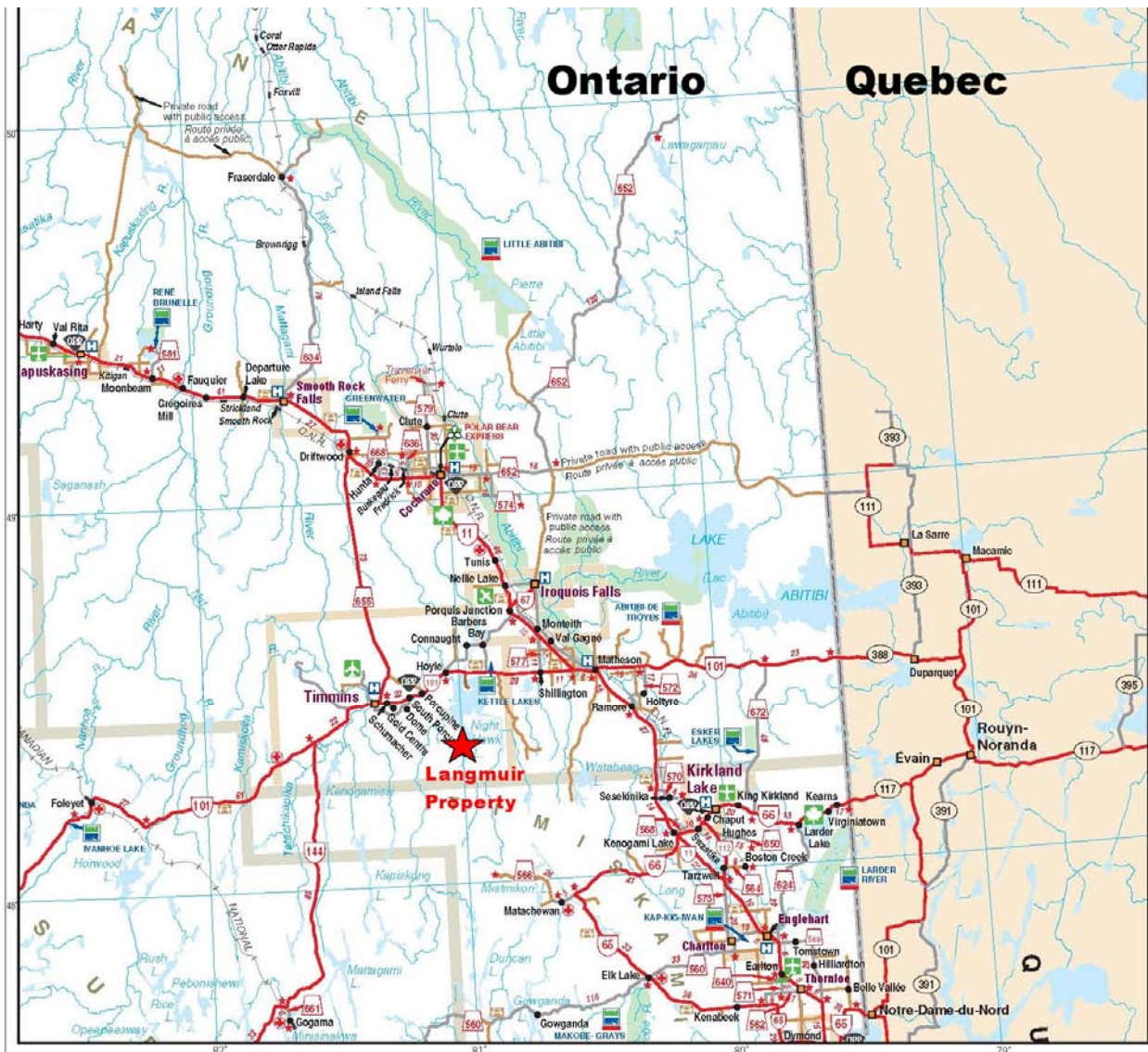


Figure 1 Location Map

REGIONAL and PROPERTY GEOLOGY

The Langmuir Property lies within the southwestern part of the Abitibi Subprovince of the Archean Superior Province. The Abitibi Subprovince or "greenstone belt" is the world's largest and best preserved example of an Archean supracrustal sequence. The Abitibi Subprovince is an assemblage of volcanic, sedimentary, and intrusive rocks deformed into a roughly east-trending, 200 km wide belt exposed from the Kapuskasing structure in Ontario to the Grenville orogen in Quebec, a distance of 400 km. The Abitibi Subprovince, compared to all other Archean Subprovinces of the Superior Province, is uniquely well endowed with metallic mineral deposits including the mining areas of Timmins (base metals and gold) Kirkland Lake (gold), Val d'Or (gold and base metals), and Noranda (base metals and gold). These mining areas are situated along major east and northeast trending deformation zones (Destor Porcupine Deformation Zone, Cadillac-Larder Deformation Zone). These were active throughout the main periods of Archean volcanism and became the focus of a late period of alkaline volcanism and sedimentation between 2680 and 2677 Ma.

Several cycles of volcanism and sedimentation are known in the southern Abitibi Subprovince. These sequences usually begin with the deposition of ultramafic flows and intrusions and tholeiitic basalts which have interflow argillaceous sediments. The cycles then typically evolve into calc-alkaline flows, pyroclastic rocks and epiclastic sedimentary rocks deposited in marine to fluvial basins. The layered stratigraphy is intruded by gabbroic to granitic plutons during and after deformation and metamorphism. Metamorphic grade varies from greenschist to lower amphibolite facies. The basal komatiitic parts of the volcanic cycles are of most interest for nickel exploration.

Within the Timmins mining camp, the early Precambrian metavolcanic rocks consist of two groups known as the Deloro and Tisdale Groups. The Deloro Group is older than the Tisdale Group and the two groups are separated from one another in Whitney and Tisdale townships by the Destor Porcupine fault (DPFZ). Here the Tisdale Group lies to the north of the DPFZ while the Deloro Group occurs to the south. The Deloro Group is a calc-alkaline volcanic sequence of andesite to basalt flows in the lower portion and dacite flows and felsic pyroclastic units in the upper portion. The Tisdale Group is composed of komatiitic ultramafics and basalts in the lower portion and overlain by a thick sequence of tholeiitic basalts. In the south, the northwest trending anticlinal Shaw dome folds the Deloro Group. The core of the Shaw Dome consists of calc-alkaline andesite and basalt and is in turn surrounded by calc-alkaline rhyodacitic tuff and iron formation. The southern portion of the Shaw dome is intruded by the Eldorado tonalite pluton. To the southeast of the Shaw dome, the lowermost formation of the younger Tisdale Group (komatiitic mafic and ultramafic volcanics) occurs as a belt in direct contact with the uppermost formations of the Deloro Group (Figure 2). It is this stratigraphic contact area that hosts five nickel deposits within Langmuir and Eldorado townships. Liberty Mines Inc mined two of the deposits, the Redstone deposit and the McWatters deposit, in 2008.

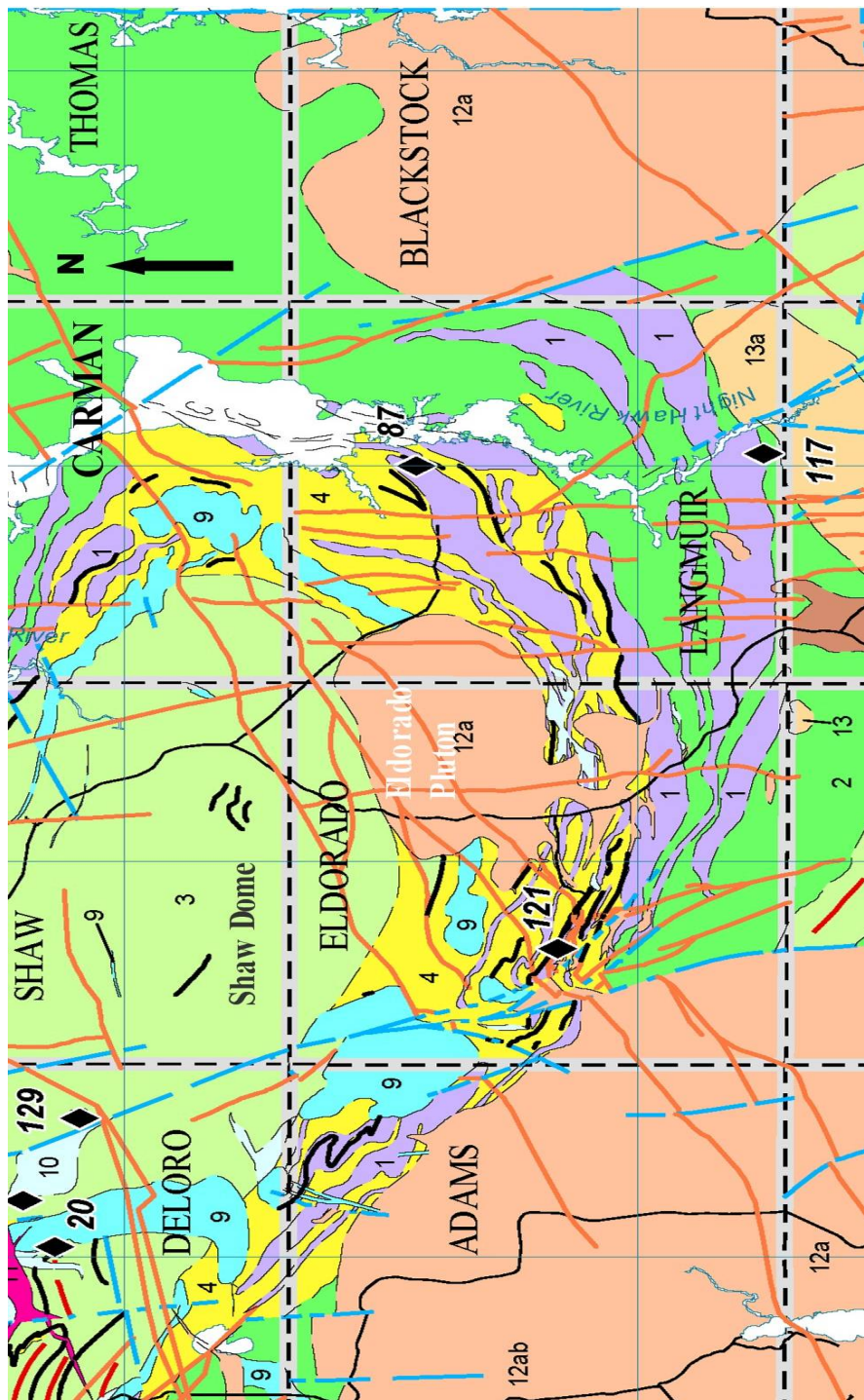


Figure 2 Southeast Timmins Regional Geology Map

The Langmuir Property is predominantly underlain by the lower formations of the Tisdale Group which consist of linear sequences of mafic volcanic units or ultramafic units. These linear sequences trend east-west in the southern portion of Eldorado and Langmuir Township and then swing north-south along the eastern halves of Langmuir and Carman Townships. The ultramafic sequences consist of mesocumulate to adcumulate peridotite flows with distinct spinifex textured flow tops. The flow tops indicate younging to the south. Graphitic argillite units are locally present between the peridotite flows. The mafic sequences consist of massive to pillowed basalt-andesite flows. The mafic-ultramafic sequences are locally intruded by north trending Matachewan diabase dykes and north-east trending Abitibi diabase dykes. Felsic intrusive bodies also intrude the sequences with the largest being a monzonite body in the southeast corner of Langmuir Township (Figure 2).

PREVIOUS EXPLORATION WORK

The Langmuir township area has received much exploration interest over the past century with more recent initiatives focused upon nickel exploration as the area is a highly prospective belt for the formation of nickel sulphide mineralization. The discovery of such nickel deposits as the Langmuir, Redstone and McWatters have further fueled increased exploration activity in the area. The amount of historical exploration activity over the past century is beyond the scope of this assessment report, however, some of the more significant past work includes substantial ground magnetometer-EM surveys and diamond drilling conducted by Noranda and its subsidiary Mining Corporation of Canada Ltd., between 1964 and 1966, the mining of the Langmuir deposit by Noranda and Inco between 1973 and 1978, airborne mag-EM surveys conducted by Mepsi Mines Ltd. and Amax Minerals in 1979 and airborne mag-EM surveys carried out in 1987 by the Ontario Geological Survey.

Golden Chalice Resources commenced exploration on the property in 2005. A ground magnetometer and HLEM survey was conducted on the property by Exploration Services Reg. during the month of March which outlined a series of prominent HLEM conductors trending east-west in the central portion of the property (Chatre, 2005). An initial short drilling program of four holes totaling 528 m was completed for assessment purposes on claim 3017518 (Caldbick, 2007). This 2005 drilling intersected ultramafic flows and sills with sulphidic interflow sediments that were anomalous in nickel. The anomalous nickel in the sediments represented a possible sulphur source for Kambalda style nickel mineralization in the ultramafic flow stratigraphy on the property. As a result of this encouragement, a detailed (75 meter flight line spacing) VTEM airborne survey was flown by Geotech Limited over the eastern part of the Langmuir property (Orta, 2005). Processing of the EM data in early 2006 identified 18 separate airborne EM anomalies clusters as potential sulphide targets. These clusters consisting of two or more flight line

EM anomalies are largely covered by overburden or swamp. Ground magnetic surveys were conducted over five airborne magnetic targets as well as VLF-EM surveys over two of the five targets (Ploeger, 2006).

In 2007, a first phase of drilling designed to test the VTEM clusters was conducted. This first phase diamond drilling program consisted of eight holes totalling 2,374 metres and was completed from March 10 to May 28, 2007. The drilling program tested eight of the 18 outlined airborne VTEM anomaly clusters. Four of the VTEM conductors were the result of graphitic sediments and the fifth was likely due to a fault zone containing conductive fault gouge. The geological cause of the other three VTEM conductors was not explained by the diamond drilling (Montgomery, 2008).

On May 6, 2007 Golden Chalice Resources Inc. announced a new nickel discovery on their Langmuir Property. This nickel discovery is the first significant nickel discovery in the Timmins mining camp in over 30 years. Drill hole GCL07-06 returned 1.14% Nickel over 72.50 metres, including two separate heavily mineralized intervals of 2.23% Nickel (Ni), 0.22% Copper (Cu), 0.20 g/t Platinum (Pt), and 0.50 g/t Palladium (Pd) over 17.50 metres of drill core, and 1.74 % Ni, 0.12% Cu, 0.20 g/t Pt, and 0.47 g/t Pd over 13.10 metres of drill core. This discovery resulted in a significant drilling program of 37 drill holes totalling 16,262 m on claim 4203498 of the Langmuir Property (Montgomery, 2008c). This 2007 program was successful in tracing the W4 deposit nickel zones from hole GCL07-06 for a strike extent of approximately 200 meters. It also defined the nickel zones to a depth of at least 250 meters below surface. In addition, nickel mineralization has been intersected at approximately 375 meters vertically below surface on the eastern down plunge extent.

To better define the continuity of the main A zone at the W4 nickel deposit an infill drilling program was conducted in 2008. This program is discussed in this report.

DISCUSSION OF 2008 DIAMOND DRILLING PROGRAM

A diamond drilling program of 31 drill holes totalling 6,077 m was completed on claim 4203498 of the Langmuir Property in 2008. The drilling occurred west of the Nighthawk River and south of the Fork River (Figure 3). This drilling was carried out by Norex Drilling of Timmins from January 27, 2008 to July 30, 2008.

Table 2 Langmuir 2008 Drill Hole List

| Hole No. | GPS Easting NAD83 | GPS Northing NAD83 | Elevation | Length | Azimuth | Dip |
|-----------|----------------------|-----------------------|-----------|--------|---------|--------|
| GCL08-46 | 497563.06 | 5349300.05 | 295.09 | 599 | 319.2 | -52.65 |
| GCL08-47A | 497489 | 5349322 | 295 | 77 | 334 | -55 |
| GCL08-47B | 497489 | 5349320 | 295 | 38 | 330 | -55 |
| GCL08-47 | 497487.57 | 5349319.32 | 295.17 | 602 | 321.33 | -55.15 |
| GCL08-48 | 497475 | 5349550 | 284.25 | 212 | 196 | -45 |

| | | | | | | |
|-----------|--------|---------|--------|-----|-----|-----|
| GCL08-49 | 497475 | 5349550 | 284.25 | 242 | 196 | -58 |
| GCL08-50 | 497475 | 5349550 | 284.25 | 218 | 180 | -45 |
| GCL08-51 | 497475 | 5349550 | 284.25 | 218 | 180 | -54 |
| GCL08-52 | 497475 | 5349550 | 284.25 | 239 | 180 | -61 |
| GCL08-53 | 497475 | 5349550 | 284.25 | 244 | 162 | -63 |
| GCL08-54 | 497500 | 5349500 | 293.94 | 197 | 180 | -62 |
| GCL08-55 | 497450 | 5349485 | 293.57 | 134 | 180 | -45 |
| GCL08-56 | 497450 | 5349485 | 293.57 | 188 | 180 | -70 |
| GCL08-57 | 497400 | 5349500 | 293.62 | 134 | 180 | -45 |
| GCL08-58 | 497400 | 5349500 | 293.62 | 185 | 180 | -69 |
| GCL08-59 | 497375 | 5349525 | 293.95 | 176 | 180 | -48 |
| GCL08-60 | 497375 | 5349525 | 293.95 | 251 | 180 | -66 |
| GCL08-61 | 497425 | 5349425 | 295.00 | 152 | 360 | -45 |
| GCL08-62 | 497425 | 5349500 | 293.62 | 158 | 183 | -52 |
| GCL08-63 | 497425 | 5349500 | 293.6 | 191 | 183 | -69 |
| GCL08-64A | 497400 | 5349530 | 293.9 | 24 | 180 | -69 |
| GCL08-64 | 497400 | 5349530 | 293.95 | 203 | 180 | -69 |
| GCL08-65 | 497375 | 5349485 | 293.6 | 110 | 180 | -45 |
| GCL08-66 | 497375 | 5349485 | 293.6 | 161 | 180 | -68 |
| GCL08-67 | 497400 | 5349470 | 293.6 | 134 | 180 | -45 |
| GCL08-68 | 497350 | 5349495 | 293.9 | 110 | 180 | -45 |
| GCL08-69 | 497350 | 5349495 | 293.9 | 161 | 180 | -67 |
| GCL08-70 | 497400 | 5349470 | 293.6 | 104 | 180 | -45 |
| GCL08-71 | 497325 | 5349420 | 294.7 | 221 | 360 | -45 |
| GCL08-72 | 497325 | 5349420 | 294.7 | 194 | 360 | -60 |
| GCL08-73 | 497350 | 5349390 | 294.7 | 200 | 360 | -50 |

The purpose of the drilling program was to test the strike and shallow depth continuity of the A nickel zone in the Langmuir W4 Nickel Deposit. The drill holes were aligned at a general direction of 180 and 360 degrees (Map 1) in order to better target the east-west strike of the nickel zones and their host peridotite flows. The drill hole casings of holes GCL08-46 and 47 were left in the ground. The drill hole collar locations were GPS surveyed by Talbot Surveying of Timmins, Ontario. In addition, the casings were surveyed to determine accurately the initial dips and direction of the holes (see Table 2). The drill hole casings of the remaining holes were removed. Their drill hole collar locations were surveyed by Talbot Surveying prior to drilling.

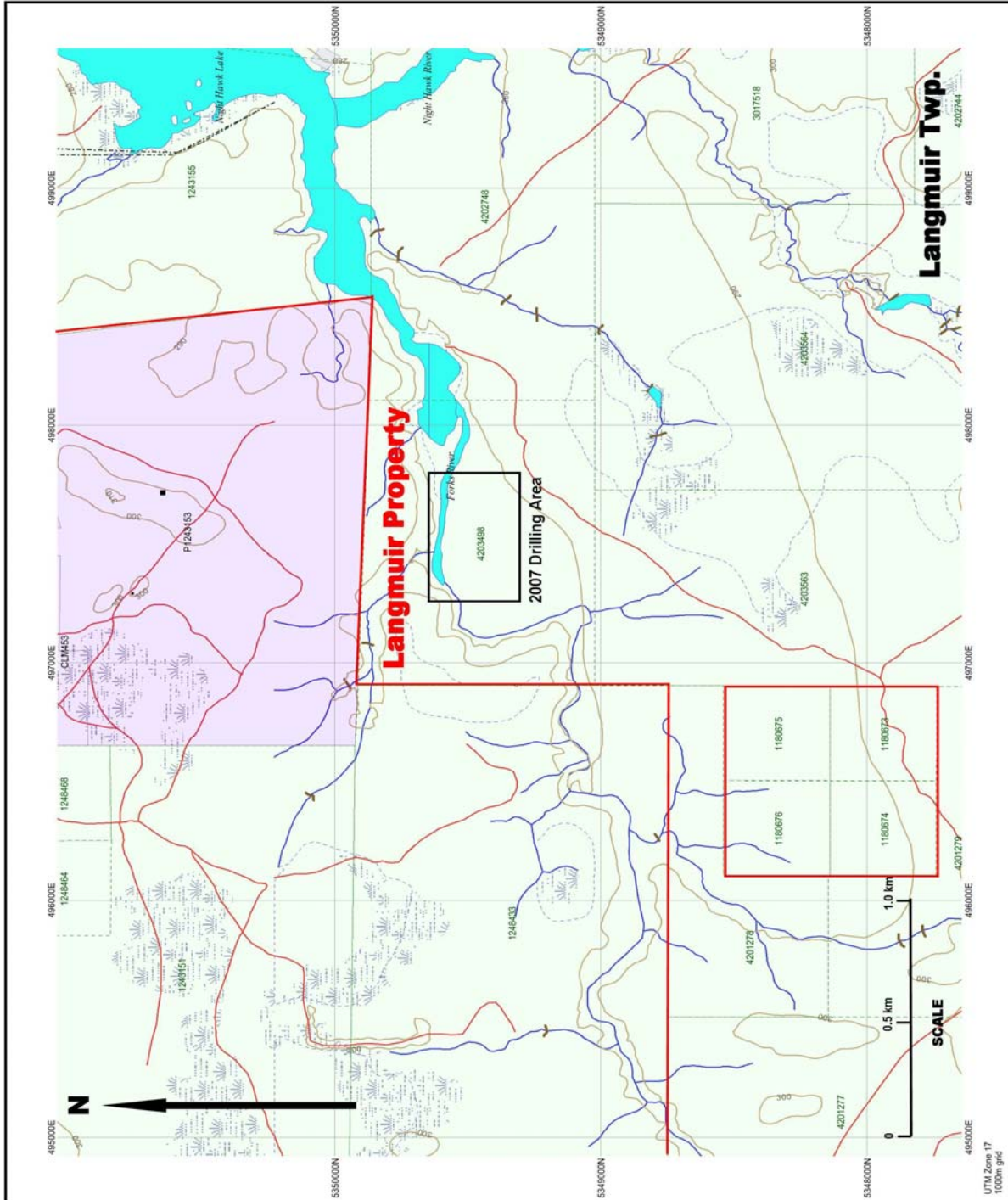


Figure 3 Drilling Location Map

Detail drill logs are found in Appendix A. As a result of the east-west trend of the ultramafic volcanic stratigraphy, drill hole sections have been constructed in a north-south orientation and looking west. They are based on the NAD 83 GPS co-ordinate system and are spaced 25 m apart. Sections 4973300E to 4973550E are found in the map pockets at the back of this report. The drill hole sections stretch from 5349200 to 5349850N and are at a scale of 1:1000.

The 2008 drilling program encountered east-west trending peridotite flows with good spinifex flow tops and associated thin graphitic argillite interflow units. The peridotite flows are typically black, fine-grained, soft, weak to moderately serpentinized and typically have adcumulate to mesocumulate textures. Detailed examinations of the spinifex flow top sequences and flow morphologies indicate a southward younging direction. The peridotite flows range from 5 to 50 metres thick and are near vertical to steeply dipping 80 degrees to the north. Along the southern margin of the drilling area, a pink medium grained hornblende rich (5-10%) granodiorite intrusive was encountered. It is thought that this intrusive may represent an east-west dyke; however more drilling is required for confirmation. The peridotite flows in the vicinity of the granodiorite are strongly brecciated and often contain graphite. These brecciated flows were labelled “komatiitic peridotite breccias” in the logs. Smaller felsic to intermediate, feldspar porphyry, mafic, and gabbro dykes or sills intrude the peridotite flows locally.

Sulphide mineralization encountered in the drill holes was sampled and sent for analysis to Laboratoire Expert Inc. in Rouyn-Noranda, Quebec. The assay certificates are found in Appendix C of this assessment report. The results of which are tabulated below.

Table 3 Langmuir W4 Deposit Area Drill Results

| DDH | Zone | From | To | Length | Ni | Cu | Pt | Pd |
|----------|-------|-------|-------|--------|------|------|-------|-------|
| | | (m) | (m) | (m) | (%) | (%) | (g/t) | (g/t) |
| GCL07-06 | Other | 44.0 | 50.0 | 6.0 | 0.59 | 0.02 | 0.05 | 0.07 |
| | A & B | 99.5 | 172.0 | 72.5 | 1.14 | 0.08 | 0.11 | 0.26 |
| | A | 107.8 | 130.0 | 22.2 | 1.31 | 0.08 | 0.15 | 0.36 |
| | B | 149.5 | 167.0 | 17.5 | 2.23 | 0.22 | 0.20 | 0.49 |
| GCL07-10 | A | 81.0 | 95.9 | 14.9 | 2.36 | 0.26 | 0.22 | 0.52 |
| | Incl. | 90.0 | 95.9 | 5.9 | 3.52 | 0.48 | 0.23 | 0.58 |

| | | | | | | | | |
|----------|-------|-------|--------|-------|------|------|------|------|
| GCL07-11 | A | 213.0 | 220.8 | 7.8 | 0.89 | 0.06 | 0.18 | 0.21 |
| | B | 264.3 | 270.3 | 6.0 | 1.52 | 0.21 | 0.13 | 0.29 |
| | C | 314.4 | 326.0 | 11.6 | 1.11 | 0.23 | 0.11 | 0.23 |
| GCL07-14 | A | 149.0 | 179.5 | 30.5 | 1.26 | 0.09 | 0.12 | 0.3 |
| | B | 226.0 | 253.9 | 27.9 | 1.08 | 0.06 | 0.16 | 0.29 |
| | incl. | 226.0 | 233.4 | 7.4 | 2.06 | 0.12 | 0.38 | 0.67 |
| | other | 260 | 261.7 | 1.7 | 2.1 | 0.17 | 0.02 | 0.73 |
| | C | 277.5 | 288.0 | 10.5 | 1.76 | 0.12 | 0.09 | 0.22 |
| GCL07-15 | B | 235.7 | 257.3 | 21.6 | 1.34 | 0.12 | 0.1 | 0.22 |
| | incl. | 235.7 | 247.0 | 11.3 | 2.05 | 0.17 | 0.14 | 0.27 |
| | C | 277 | 279.2 | 2.2 | 0.84 | 0.02 | 0.09 | 0.16 |
| GCL07-16 | A | 38.8 | 49.5 | 10.7 | 0.93 | 0.08 | 0.08 | 0.20 |
| | incl. | 38.8 | 44.1 | 5.3 | 1.2 | 0.08 | 0.10 | 0.27 |
| GCL07-17 | A | 167.5 | 186.7 | 19.2 | 1.33 | 0.1 | 0.12 | 0.25 |
| | incl. | 171.2 | 184.8 | 13.6 | 1.69 | 0.13 | 0.15 | 0.3 |
| | C | 284.9 | 297.5 | 12.6 | 0.88 | 0.09 | 0.06 | 0.12 |
| | incl. | 284.9 | 291.0 | 6.1 | 1.23 | 0.12 | 0.05 | 0.1 |
| GCL07-18 | C | 325.6 | 332.3 | 6.7 | 1.42 | 0.10 | 0.11 | 0.25 |
| GCL07-19 | A | 74.0 | 82.7 | 8.7 | 0.88 | 0.10 | 0.07 | 0.15 |
| | incl. | 74.0 | 78.7 | 4.7 | 1.27 | 0.12 | 0.09 | 0.23 |
| GCL07-20 | Other | 174.4 | 175.7 | 1.3 | 0.71 | 0.21 | 0.06 | 0.11 |
| | A | 202.8 | 213.5 | 10.7 | 2.37 | 0.10 | 0.2 | 0.38 |
| | C | 290 | 304.85 | 14.85 | 0.45 | 0.05 | 0.03 | 0.06 |
| GCL07-21 | A | 245 | 253.3 | 8.3 | 1.20 | 0.12 | 0.43 | 0.17 |
| | B | 308.5 | 325.7 | 17.2 | 0.62 | 0.07 | 0.06 | 0.16 |

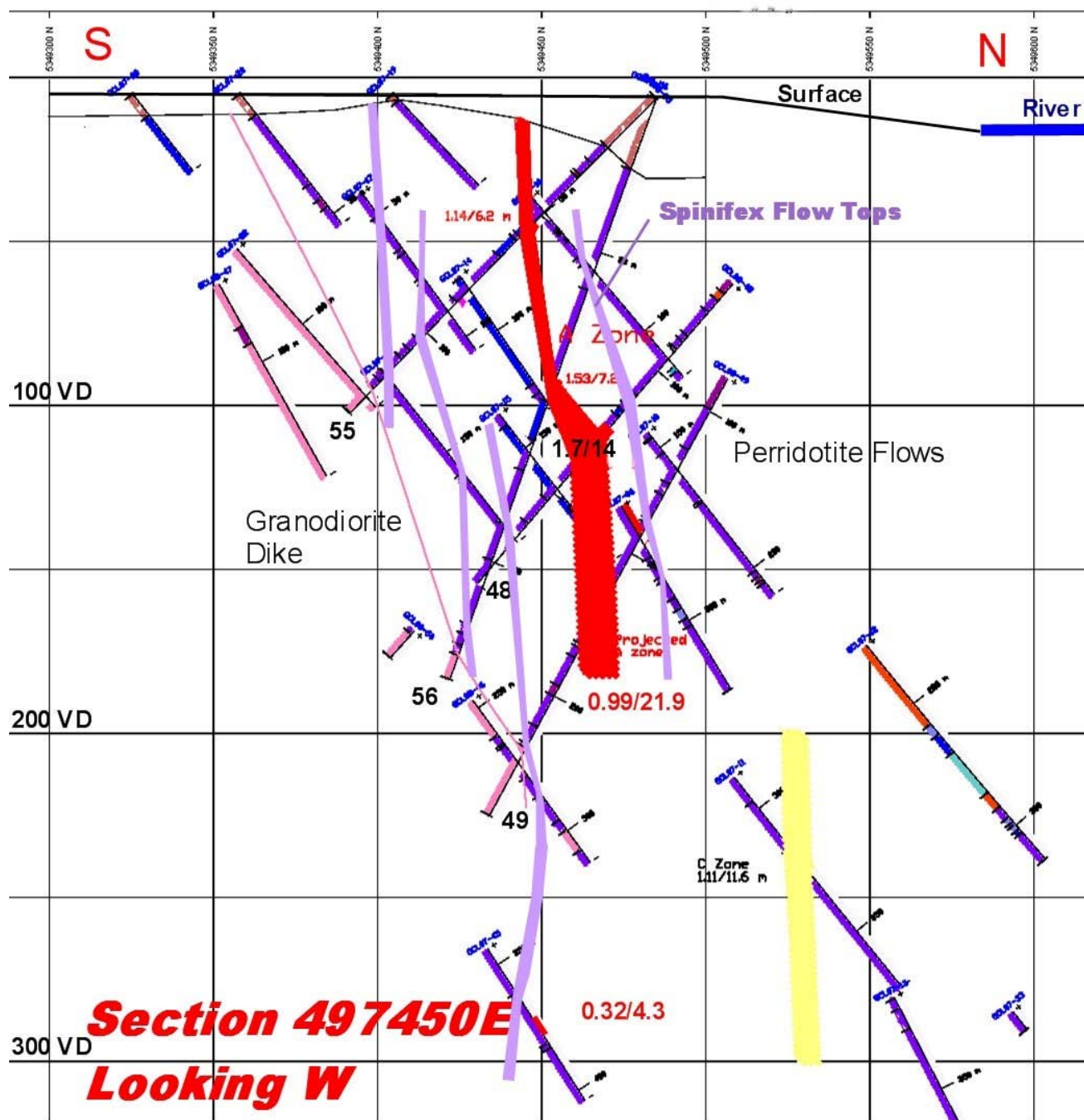
| | | | | | | | | |
|-----------|-------|--------|--------|-------|------|------|------|------|
| GCL07-22 | C | 336 | 339.5 | 3.5 | 0.75 | 0.12 | 0.06 | 0.12 |
| GCL07-24 | Other | 96 | 100 | 4 | 0.58 | 0.02 | 0.03 | 0.07 |
| | A | 136 | 144 | 8 | 0.82 | 0.05 | 0.06 | 0.13 |
| | incl. | 141.5 | 144 | 2.5 | 1.76 | 0.09 | 0.13 | 0.26 |
| GCL07-25 | Other | 226.6 | 227.6 | 1 | 1.91 | 0 | 0.06 | 0.05 |
| | C | 466.2 | 478.7 | 12.5 | 0.56 | 0.03 | 0.04 | 0.07 |
| | incl. | 476.7 | 478.7 | 2 | 1.16 | 0.04 | 0.08 | 0.15 |
| GCL07-27 | A | 203.1 | 208 | 4.9 | 1.62 | 0.14 | 0.13 | 0.3 |
| | incl. | 203.1 | 205.45 | 2.35 | 2.65 | 0.21 | 0.21 | 0.47 |
| | B | 263.4 | 269 | 5.6 | 1.02 | 0.07 | 0.14 | 0.29 |
| | C | 326.75 | 337 | 10.25 | 1.19 | 0.11 | 0.11 | 0.25 |
| GCL07-28 | A | 112.3 | 117.5 | 5.2 | 0.33 | 0.01 | 0.02 | 0.04 |
| GCL07-29 | A | 217.8 | 223 | 5.20 | 1.99 | 0.16 | 0.11 | 0.23 |
| GCL07-31 | A | 279.9 | 281.6 | 1.7 | 0.86 | 0.02 | 0.15 | 0.08 |
| | C | 411.8 | 415.8 | 4 | 0.95 | 0.09 | 0.06 | 0.12 |
| GCL07-33 | A | 121 | 124.6 | 3.6 | 1.40 | 0.09 | 0.01 | 0.02 |
| GCL07-34A | Other | 236 | 237 | 1 | 0.67 | 0.06 | 0.02 | 0.10 |
| GCL07-35 | Other | 409.4 | 410.4 | 1 | 1.04 | 0.02 | 0.09 | 0.18 |
| | Other | 438.5 | 441.8 | 3.3 | 0.63 | 0.04 | 0.01 | 0.01 |
| | C | 449.7 | 456.7 | 7.0 | 0.60 | 0.02 | 0.01 | 0.01 |
| GCL07-41 | B | 302 | 304.8 | 2.8 | 1.08 | 0.06 | 0.02 | 0.03 |
| GCL08-45 | A | 367.8 | 372.1 | 4.3 | 0.32 | 0.03 | 0.07 | 0.34 |
| GCL08-48 | A | 126 | 140 | 14 | 1.70 | 0.11 | 0.12 | 0.29 |
| | Incl. | 126 | 135.9 | 9.9 | 2.12 | 0.14 | 0.15 | 0.38 |
| GCL08-49 | A | 164.4 | 185.8 | 21.4 | 0.99 | 0.09 | 0.10 | 0.23 |

| | | | | | | | | |
|----------|-------|-------|-------|------|------|------|------|------|
| GCL08-50 | A | 123.1 | 134 | 10.9 | 1.13 | 0.04 | 0.07 | 0.17 |
| | Incl. | 123.1 | 124.1 | 1.0 | 9.28 | 0.27 | 0.35 | 0.99 |
| GCL08-51 | A | 130.4 | 141 | 10.6 | 3.14 | 0.28 | 0.34 | 0.68 |
| GCL08-52 | A | 181.6 | 190 | 8.4 | 0.26 | 0.03 | 0.02 | |
| GCL08-53 | A | 190 | 197 | 7 | 1.09 | 0.09 | 0.09 | 0.23 |
| GCL08-54 | A | 103 | 114 | 11 | 0.23 | 0.02 | 0.03 | |
| GCL08-55 | A | 53 | 59.2 | 6.2 | 1.14 | 0.09 | 0.07 | 0.17 |
| GCL08-55 | Other | 85.0 | 87.0 | 2 | 0.88 | 0.02 | 0.07 | 0.10 |
| GCL08-56 | A | 91 | 98.2 | 7.2 | 1.53 | 0.09 | 0.15 | 0.43 |
| GCL08-57 | A | 58.7 | 66.5 | 7.8 | 1.69 | 0.18 | 0.09 | 0.22 |
| GCL08-59 | A | 84 | 90 | 6.0 | 0.69 | 0.03 | 0.07 | |
| | Incl. | 84 | 88 | 4.0 | 0.81 | 0.04 | 0.08 | 0.19 |
| GCL08-60 | A | 101 | 105 | 4.0 | 0.81 | 0.01 | 0.11 | 0.23 |
| GCL08-61 | A | 33.4 | 39.2 | 5.8 | 1.24 | 0.14 | 0.10 | 0.24 |
| GCL08-62 | A | 74.5 | 85 | 10.5 | 1.40 | 0.13 | 0.10 | 0.25 |
| GCL08-63 | A | 103.3 | 119.5 | 16.2 | 1.63 | 0.13 | 0.12 | 0.28 |
| GCL08-64 | A | 130 | 151.9 | 21.9 | 1.48 | 0.07 | 0.11 | 0.28 |
| | Incl. | 145 | 151.9 | 6.9 | 2.16 | 0.19 | 0.14 | 0.36 |
| GCL08-65 | A | 20 | 34 | 14 | 1.18 | 0.07 | 0.11 | 0.22 |
| | Incl. | 28.5 | 34 | 5.5 | 1.56 | 0.09 | 0.10 | 0.23 |
| GCL08-66 | A | 55 | 68 | 13 | 0.36 | 0.01 | 0.02 | 0.03 |
| | Incl. | 55 | 60 | 5 | 0.52 | 0.02 | 0.02 | 0.06 |
| GCL08-67 | A | 25.75 | 35.5 | 9.75 | 1.51 | 0.11 | 0.15 | 0.38 |
| | Incl. | 26.5 | 32.5 | 6 | 1.94 | 0.15 | 0.15 | 0.38 |

| | | | | | | | | |
|----------|-------|-------|-------|------|------|------|------|------|
| GCL08-68 | Au | 33.6 | 36.4 | 2.8 | 2.90 | 0.10 | 0.04 | 0.14 |
| | Al | 43.4 | 52.4 | 9 | 0.84 | 0.05 | 0.08 | 0.19 |
| GCL08-69 | A | 34.6 | 59 | 24.4 | 2.75 | 0.16 | 0.18 | 0.51 |
| | Incl. | 41 | 55 | 14 | 3.79 | 0.21 | 0.24 | 0.68 |
| GCL08-70 | A | 22.2 | 28 | 5.8 | 1.51 | 0.09 | 0.06 | 0.12 |
| GCL08-73 | A | 129.3 | 149 | 19.7 | 0.65 | 0.05 | 0.05 | 0.10 |
| | Incl. | 129.3 | 132.1 | 2.8 | 1.05 | 0.02 | 0.13 | 0.28 |

The W4 nickel deposit consists of three sub-parallel nickel zones (A to C) which occur within specific komatiitic peridotite flow units (Figure 4). The zones are vertical to steeply north dipping at 70-75 degrees. The C zone which is the deepest occurring zone is locally steeply south dipping. The east-west strike extent of the zones has been defined for at least 200 m to date. They are open below the granodiorite dyke and/or a vertical depth of 400 m. The nickel sulphide mineralization consists of primarily pentlandite-pyrrhotite occurring as fine disseminations, fracture fillings, and blebs. Higher nickel values of up to 5-7% occur where sulphide concentrations increase to 30 or 35% (semi-massive). Locally massive sulphide sections are present grading up to 17.9% Ni.

The drill core from the drilling program is currently stored at the Hastings Management core storage facility on Airport Road, in Timmins, Ontario.



Each block in the figure is 50x50 m

Figure 4 General Langmuir W4 Deposit Area Section

CONCLUSION AND RECOMMENDATIONS

The 2008 diamond drilling program was focussed on the Langmuir nickel discovery area around drill hole GCL07-06 that returned 1.14% Nickel over 72.50 metres. It consisted of tighter spaced drilling, to validate continuity between 2007 drill intercepts and confirm true widths of the nickel mineralization encountered in 2007. It focused on the A zone.

Results such as 3.14% Ni over 10.6 m (hole 51), 1.70% Ni over 14 m (hole 48) and 1.63% Ni over 16.2 m (hole 63) demonstrated the continuity of the nickel mineralization in the A zone. Near surface (overburden/bedrock) nickel intersections were also encountered. These included 2.75 % Ni over 24.4 m (hole 69), 1.69 % Ni over 7.8 m (hole 57) and 1.51% Ni over 5.8 m (hole 70). They suggest the possibility of the W4 Langmuir deposit being mined by open pit.

Based on the encouraging nickel results from the 2008 drilling program, it is recommended that resource estimation be carried out on the W4 Langmuir nickel deposit. Drilling is also recommended to determine the eastern down plunge extension of the nickel zones and the depth potential.

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CERTIFICATE OF QUALIFICATIONS

I, J. Kevin Montgomery, of the City of Timmins, Province of Ontario, do hereby certify that:

- (1) I am a professional Consulting Geologist, residing at 1190 Lozanne Crescent, Timmins Ontario, P4P 1E8.
- (2) I hold a B.Sc. Honours degree in Geological Sciences (1984) from Queen's University of Kingston, Ontario and a M.Sc. (App.) in Mineral Exploration (1987) from McGill University at Montreal, Quebec.
- (3) I am a registered professional geoscientist with the Association of Professional Geoscientists of Ontario. I am also a member of the Prospectors and Developers Association of Canada, and the Porcupine Prospectors and Developers Association.
- (4) This report is based on my supervision and logging of drill holes on the Langmuir Property in 2008.
- (5) I have no personal interest in the property covered by this report.
- (6) Permission is granted for the use of this report, in whole or in part, for assessment and qualification requirements but not for advertising purposes.

Dated at Timmins, Ontario
This 26th day of January, 2010.

J. Kevin Montgomery, P.Geo. M.Sc. (App.)

APPENDIX A DRILL HOLE LOGS

Date: 15 Dec, 2008

GOLDEN CHALICE RESOURCES INC

Northing: 5349420.00
Easting: 497325.00
Elevation: 294.70

DRILL HOLE RECORD

Drill Hole: GCL08-72

Collar Azi.: 360.0
Collar Dip: -60.0

Table with 3 columns: Depth, Azi., Dip. Rows: 74 3.1 -59.3, 125 9.1 -59.6, 179 7.1 -59.8, 194 7.6 -60.0

Project: Langmuir Zone
Property: Langmuir
Claim: 4203498
Northing: N/A
Easting: N/A
GPS Northing: 5349420
GPS Easting: 497325
Date Started: July 22, 2008
Date completed: July 24, 2008
Drilled by: Norex
Sample type: Cut Core
Analyses: PM 30g FA, BM AA
Lab: Expert
Sample series: 129288-129318
Lab report: 23361

Hole length: 194.00
Units: Metric
Core size: NQ
Grid: Metric 2007

Materials left: Casing pulled, cemented
Collar survey: Chained & GPS
DH Survey method: Reflex

Comments: N/A
Logged by: S. Beauchamp
Date(s) logged: July 24, 2008
Purpose: N/A
Core storage: Hastings Facility Timmins

Table with columns: From (m), To (m), Geology, Sample, From (m), To (m), L (m), Au (ppb), Pt (ppb), Pd (ppb), Ag (ppm), Cu (ppm), Ni (ppm), Zn (ppm), Pb (ppm), Co (ppm), Cu (%) Ni (%). Rows include OVERBURDEN, KOMATIITIC PERIDOTITE MESOCUMULATE, and DIABASE.

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |
|----------|--------|---|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|
| 192.50 | 194.00 | KOMATIITIC PERIDOTITE MESOCUMULATE | | | | | | | | | | | | | | | |
| | | Dark grey to medium emerald green, aphanitic to very fine grained, massive, waxy, strongly serpentinized / talcose. | | | | | | | | | | | | | | | |
| | | Non-magnetic, barren, 20% gouge, RQD 40. | | | | | | | | | | | | | | | |
| 194.00 | | END OF HOLE | | | | | | | | | | | | | | | |

Date: 15 Dec, 2008 GOLDEN CHALICE RESOURCES INC Page: 1 of 4

Northing: 5349420.00 DRILL HOLE RECORD Drill Hole: GCL08-71

Easting: 497325.00

Elevation: 294.70 *** Dip Tests *** Project: Langmuir Zone

Collar Azi.: 360.0 Depth Azi. Dip Property: Langmuir

Collar Dip: -45.0 29 1.6 -45.1 Claim: 4203498

83 3.1 -45.9 Northing: N/A

134 6.0 -46.7 Easting: N/A

Hole length: 221.00 185 7.2 -47.2 GPS Northing: 5349420

Units: Metric 221 8.4 -47.2 GPS Easting: 497325

Core size: NQ Date Started: July 18, 2008

Grid: Metric 2007 Date completed: July 22, 2008

Materials left: Casing Left In Drilled by: Norex

Collar survey: Chained & GPS Sample type: Cut Core

DH Survey method: Reflex Analyses: PM 30g FA, BM AA

Comments: N/A Lab: Expert

Logged by: S. Beauchamp Sample series: 129247-129287

Date(s) logged: July 22, 2008 Lab report: 23377

Purpose: N/A

Core storage: Hastings Facility Timmins

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |
|----------|--------|--|---|---|---|---|--|---|--|---|--|---|--|--|--|--|--|
| .00 | 18.00 | OVERBURDEN NW Casing. | | | | | | | | | | | | | | | |
| 18.00 | 24.00 | KOMATIITIC PERIDOTITE MESOCUMULATE Black, fine to medium grained, phaneritic, olivine as black and angular <2mm with freckled appearance, relatively unaltered. 1% White calcite stringers <1cm, various degrees. Wall rock non-magnetic, 2% fine clots non-magnetic bronze pyrrhotite disseminated throughout. 0.5% Anhedral blebs non-magnetic bronze / silvery pyrrhotite / pentlandite concentrated along fractures, brittle, RQD 60. 23.00 Blank. | °129247° °129248° °129249° °129250° °129251° ° ° ° ° ° | 20.00° 21.00° 22.00° 23.00° 23.00° ° ° ° ° ° | 21.00° 22.00° 23.00° 23.00° 24.00° ° ° ° ° ° | 1.00° 1.00° 1.00° .00° 1.00° ° ° ° ° ° | <5° <5° <5° <5° <5° ° ° ° ° ° | 9° 7° 8° <5° 10° ° ° ° ° ° | 6° 7° 5° <2° 7° ° ° ° ° ° | <.2° <.2° <.2° <.2° <.2° ° ° ° ° ° | 116° 107° 102° 111° 69° ° ° ° ° ° | 1204° 1257° 1223° 68° 957° ° ° ° ° ° | 47° 44° 47° 13° 50° ° ° ° ° ° | 22° 19° 18° 26° 17° ° ° ° ° ° | 76° 84° 75° 11° 72° ° ° ° ° ° | ° ° ° ° ° ° ° ° ° ° | ° ° ° ° ° ° ° ° ° ° |
| 24.00 | 30.00 | KOMATIITIC SPINIFEX PERIDOTITE Contacts broken. Matrix slightly bleached, light greenish grey, aphanitic to very fine grained, strongly sericitized / talcose. Spinifex texture distinctive. Olivine. As medium greenish grey, platy bladed, up to 10cm length. Non-magnetic, 0-trace very fine speck pyrrhotite, RQD 40. | °129252° °129253° ° ° ° ° ° | 24.00° 25.00° ° ° ° ° ° | 25.00° 26.00° ° ° ° ° ° | 1.00° 1.00° ° ° ° ° ° | <5° <5° ° ° ° ° ° | 9° 14° ° ° ° ° ° | 6° 9° ° ° ° ° ° | <.2° .3° ° ° ° ° ° | 47° 29° ° ° ° ° ° | 656° 615° ° ° ° ° ° | 45° 50° ° ° ° ° ° | 13° 18° ° ° ° ° ° | 51° 55° ° ° ° ° ° | ° ° ° ° ° ° ° | ° ° ° ° ° ° ° |

Date: 15 Dec, 2008 GOLDEN CHALICE RESOURCES INC Page: 1 of 3

Northing: 5349470.00 DRILL HOLE RECORD Drill Hole: GCL08-70

Easting: 497400.00

Elevation: 293.60 *** Dip Tests *** Project: Langmuir Zone

Collar Azi.: 180.0 Depth Azi. Dip Property: Langmuir

Collar Dip: -45.0 29 177.4 -44.4 Claim: 4203498

Hole length: 104.00 80 178.6 -44.9 Northing: 2+30N

Units: Metric 104 179.3 -45.0 Easting: 0+62W

Core size: NQ GPS Northing: 5349470

Grid: Metric 2007 GPS Easting: 497400

Materials left: Casing Pulled/Cemented Date Started: June 24, 2008

Collar survey: Chained & GPS Date completed: June 25, 2008

DH Survey method: Reflex Drilled by: Norex

Comments: N/A Sample type: Cut Core

Logged by: B.Lentz Analyses: PM 30g FA, BM AA

Date(s) logged: June 28, 2008 Lab: Expert

Purpose: N/A Sample series: 118854-869

Core storage: Hastings Facility Timmins Lab report: 23334

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |
|----------|--------|--|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|
| .00 | 17.00 | OVERBURDEN | | | | | | | | | | | | | | | |
| | | Hit bedrock at 16.9m, casing extends to 17m. | | | | | | | | | | | | | | | |
| 17.00 | 22.20 | KOMATIITIC PERIDOTITE MESOCUMULATE | | | | | | | | | | | | | | | |
| | | Komatiitic peridotite mesocumulate. | 118854 | 21.20 | 22.20 | 1.00 | 7 | <5 | <5 | <.2 | 50 | 1801 | 23 | 20 | 72 | | |
| | | Medium green/grey, medium to fine grained, massive, non-magnetic. | | | | | | | | | | | | | | | |
| | | 20-30% Serpentinization and chlorite alteration localized within stringers and along fracture faces. | | | | | | | | | | | | | | | |
| | | 10-15% Carbonate/serpentine stringers 2-5mm randomly oriented. | | | | | | | | | | | | | | | |
| | | Gradational lower contact over 1m. | | | | | | | | | | | | | | | |
| | | 21.20 22.20 Bracket. | | | | | | | | | | | | | | | |
| 22.20 | 27.90 | SULPHIDIC KOMATIITIC PERIDOTITE | | | | | | | | | | | | | | | |
| | | Sulphidic komatiitic peridotite. | 118855 | 22.20 | 23.00 | .80 | <5 | 60 | 151 | <.2 | 1518 | 12500 | 27 | 25 | 189 | 1.25 | |
| | | Dark emerald green, fine-grained, massive, homogenous. | 118856 | 23.00 | 24.00 | 1.00 | <5 | 18 | 42 | .4 | 1500 | 23100 | 27 | 28 | 404 | 2.31 | |
| | | Adcumulate peridotite. | 118857 | 24.00 | 25.00 | 1.00 | <5 | 16 | 37 | <.2 | 1446 | 18800 | 22 | 24 | 278 | 1.88 | |
| | | 1-3% Sulfide mineralization, weakly magnetic | 118858 | 25.00 | 26.00 | 1.00 | <5 | 101 | 245 | <.2 | 1043 | 15400 | 22 | 23 | 235 | 1.54 | |
| | | brassy/silver pyrrhotite/pentlandite blebs and stringers up to 1cm. | 118859 | 26.00 | 27.00 | 1.00 | <5 | 75 | 150 | <.2 | 195 | 12000 | 22 | 17 | 152 | 1.20 | |
| | | Sulfide mineralization localized within wispy stringers up to 1cm and blebs. | 118860 | 27.00 | 28.00 | 1.00 | 97 | 73 | 130 | <.2 | 85 | 8700 | 15 | 17 | 136 | .87 | |
| | | Gradational lower contact over 1m. | | | | | | | | | | | | | | | |

Date: 15 Dec, 2008 GOLDEN CHALICE RESOURCES INC Page: 1 of 5

Northing: 5349495.00 DRILL HOLE RECORD Drill Hole: GCL08-69

Easting: 497350.00

Elevation: 293.90 *** Dip Tests *** Project: Langmuir Zone

Collar Azi.: 180.0 Depth Azi. Dip Property: Langmuir

Collar Dip: -67.0 32 176.2 -65.8 Claim: 4203498

Hole length: 161.00 83 177.7 -65.5 Northing: 2+75

Units: Metric 134 178.4 -65.5 Easting: 0+90W

Core size: NQ 161 176.8 -65.5 GPS Northing: 5349495

Grid: Metric 2007 GPS Easting: 497350

Materials left: Casing Pulled/Cemented Date Started: June 19, 2008

Collar survey: Chained & GPS Date completed: June 23, 2008

DH Survey method: Reflex Drilled by: Norex

Comments: N/A Sample type: Cut Core

Logged by: B.Lentz Analyses: PM 30g FA, BM AA

Date(s) logged: June 24, 2008 Lab: Expert

Purpose: N/A Sample series: 118787-853

Core storage: Hastings Facility Timmins Lab report: 23334

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |
|----------|--------|--|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|
| .00 | 21.00 | OVERBURDEN | | | | | | | | | | | | | | | |
| | | NW Casing. | | | | | | | | | | | | | | | |
| 21.00 | 38.20 | KOMATIITIC PERIDOTITE BRECCIA | | | | | | | | | | | | | | | |
| | | Komatiitic peridotite breccia. | 118787 | 33.60 | 34.60 | 1.00 | 13 | 14 | 58 | <.2 | 1038 | 2704 | 41 | 24 | 113 | | |
| | | KOMATIITIC PERIDOTITE MESOCUMULATE fragments green, | 118788 | 34.60 | 35.60 | 1.00 | 19 | 81 | 278 | <.2 | 914 | 13700 | 41 | 25 | 212 | 1.37 | |
| | | fine-grained, serpentized. | 118789 | 35.60 | 36.60 | 1.00 | <5 | 54 | 185 | <.2 | 743 | 11000 | 41 | 28 | 180 | 1.10 | |
| | | GRAPHITIC ARGILLITE fragments black, aphanitic, | 118790 | 36.60 | 37.30 | .70 | 21 | 110 | 351 | <.2 | 604 | 15700 | 37 | 24 | 196 | 1.57 | |
| | | crumbly, charcoal like. | 118791 | 37.30 | 38.00 | .70 | <5 | 58 | 150 | <.2 | 596 | 8400 | 39 | 21 | 111 | .84 | |
| | | Fragments are graphite healed with 40:60 kpdm:sga. | 118792 | 38.00 | 39.00 | 1.00 | 10 | 58 | 158 | <.2 | 561 | 7500 | 37 | 25 | 93 | .75 | |
| | | Trace sulfides. | | | | | | | | | | | | | | | |
| | | Sharp broken lower contact, poorly RQD of 30-40%. | | | | | | | | | | | | | | | |
| | | 33.60 34.60 Bracket. | | | | | | | | | | | | | | | |
| | | 34.60 35.60 1% pyrrhotite/pentlandite blebs and stringers 3-5mm. | | | | | | | | | | | | | | | |
| | | 35.60 36.60 1% pyrrhotite/pentlandite blebs and stringers 3-5mm. | | | | | | | | | | | | | | | |
| | | 36.60 37.30 1% pyrrhotite/pentlandite blebs and stringers 3-5mm. | | | | | | | | | | | | | | | |
| | | 37.30 38.00 1% pyrrhotite/pentlandite blebs and stringers 3-5mm. | | | | | | | | | | | | | | | |
| | | 38.00 39.00 Trace disseminated sulfides. | | | | | | | | | | | | | | | |
| 38.20 | 80.00 | KOMATIITIC PERIDOTITE ADCUMULATE | | | | | | | | | | | | | | | |
| | | Komatiitic peridotite adcumulate. | 118793 | 39.00 | 40.00 | 1.00 | 21 | 19 | 150 | <.2 | 1007 | 7600 | 36 | 24 | 76 | .76 | |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) | |
|----------|--------|---|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|--|
| | | disseminated. | | | | | | | | | | | | | | | | |
| | 79.00 | 80.00 0.5-1% pyrrhotite/pentlandite finely disseminated. | | | | | | | | | | | | | | | | |
| 80.00 | 83.50 | KOMATIITIC PERIDOTITE AMYGDALOIDAL Amygdaloidal komatiitic peridotite. | 118838 | 80.00 | 81.00 | 1.00 | 28 | 31 | 52 | <.2 | 350 | 5300 | 22 | 21 | 121 | .53 | | |
| | | Dark emerald green, fine-grained, non-magnetic, massive, homogenous. | 118839 | 81.00 | 82.00 | 1.00 | 46 | 14 | 20 | <.2 | 285 | 2261 | 20 | 19 | 69 | | | |
| | | 30-40% Chlorite/serpentine filled amygdules up to 1cm. | 118840 | 82.00 | 83.00 | 1.00 | 20 | 55 | 94 | <.2 | 70 | 3730 | 24 | 20 | 108 | | | |
| | | 5-10% Carbonate stringers randomly oriented. | | | | | | | | | | | | | | | | |
| | | Sharp lower contact into KOMATIITIC PERIDOTITE MESOCUMULATE unit at 50 degrees to core axis, good RQD 80-90%. | | | | | | | | | | | | | | | | |
| | 80.00 | 81.00 1% pyrrhotite/pentlandite finely disseminated. | | | | | | | | | | | | | | | | |
| | | 81.00 82.00 1% pyrrhotite/pentlandite finely disseminated. | | | | | | | | | | | | | | | | |
| | | 82.00 83.00 1% pyrrhotite/pentlandite finely disseminated, with 1-2cm silver/brassy po/pn blebs. | | | | | | | | | | | | | | | | |
| | | 83.00 83.50 1% pyrrhotite/pentlandite finely disseminated. | | | | | | | | | | | | | | | | |
| 83.50 | 87.80 | KOMATIITIC PERIDOTITE MESOCUMULATE Komatiitic peridotite mesocumulate. | 118842 | 83.50 | 84.50 | 1.00 | 8 | 8 | 8 | <.2 | 33 | 610 | 20 | 20 | 53 | | | |
| | | Medium green/grey, medium to fine grained, massive, non-magnetic. | 118843 | 84.50 | 85.50 | 1.00 | <5 | <5 | <5 | <.2 | 278 | 542 | 17 | 16 | 51 | | | |
| | | Strongly serpentized with fibrous serpentine noted along fracture faces. | 118844 | 85.50 | 86.50 | 1.00 | <5 | <5 | <5 | <.2 | 105 | 420 | 18 | 17 | 49 | | | |
| | | Pervasive chlorite and talcose alteration 20-25%. | 118845 | 86.50 | 87.50 | 1.00 | <5 | 6 | 7 | <.2 | 83 | 373 | 14 | 14 | 41 | | | |
| | | 1% Disseminated po/pn sulfides 1-3mm, some larger | | | | | | | | | | | | | | | | |
| | | 1-2cm silver/brassy blebs noted 2-5% locally over 20cm. | | | | | | | | | | | | | | | | |
| | | Sharp lower contact at 35 degrees to core axis poorly RQD of 30-40%. | | | | | | | | | | | | | | | | |
| | 83.50 | 84.50 1% pyrrhotite/pentlandite finely disseminated. | | | | | | | | | | | | | | | | |
| | | 84.50 85.50 0.5-1% pyrrhotite/pentlandite finely disseminated. | | | | | | | | | | | | | | | | |
| | | 85.50 86.50 0.5-1% pyrrhotite/pentlandite finely disseminated. | | | | | | | | | | | | | | | | |
| | | 86.50 87.50 0.5-1% pyrrhotite/pentlandite finely disseminated. | | | | | | | | | | | | | | | | |
| 87.80 | 141.50 | KOMATIITIC PERIDOTITE ADCUMULATE Komatiitic peridotite adcumulate. | 118846 | 90.00 | 91.00 | 1.00 | <5 | <5 | <5 | <.2 | 41 | 1694 | 28 | 19 | 68 | | | |
| | | Same as above. | 118847 | 114.00 | 115.00 | 1.00 | <5 | <5 | <5 | <.2 | 55 | 1577 | 24 | 19 | 68 | | | |
| | | 10-15% Carbonate/serpentine stringers, localized asbestos fibrous serpentine in stringers/fractures. | 118848 | 116.00 | 117.00 | 1.00 | <5 | 11 | 15 | <.2 | 80 | 2032 | 25 | 21 | 80 | | | |
| | | Minor localized epidote alteration within stringers | 118849 | 133.00 | 134.00 | 1.00 | <5 | 15 | 25 | <.2 | 187 | 2422 | 32 | 23 | 79 | | | |
| | | | 118850 | 134.00 | 134.00 | .00 | <5 | <5 | <5 | <.2 | 29 | 390 | 5 | 6 | 16 | | | |

Northing: 5349495.00 DRILL HOLE RECORD Drill Hole: GCL08-68
Easting: 497350.00
Elevation: 293.90 *** Dip Tests *** Project: Langmuir Zone
Depth Azi. Dip Property: Langmuir
Collar Azi.: 180.0 Claim: 4203498
Collar Dip: -45.0 38 180.4 -44.8 89 181.6 -44.7 110 182.1 -44.8
Hole length: 110.00 GPS Northing: 5349495
Units: Metric GPS Easting: 497350
Core size: NQ Date Started: June 18, 2008.
Grid: Metric 2007 Date completed: June 19, 2008.
Materials left: Casing Drilled by: Norex
Collar survey: Chained, GPS. Sample type: Cut Core
DH Survey method: Reflex Analyses: PM 30g FA, BM AA
Lab: Expert
Comments: N/A Sample series: 142144-150,120501-543.
Logged by: G. Sparling Lab report: 23347
Date(s) logged: June 23-24, 2008.
Purpose: N/A
Core storage: Hastings Facility Timmins

Table with columns: From (m), To (m), Geology, Sample, From (m), To (m), L (m), Au (ppb), Pt (ppb), Pd (ppb), Ag (ppm), Cu (ppm), Ni (ppm), Zn (ppm), Pb (ppm), Co (ppm), Cu (%) Ni (%). Rows include geological descriptions like 'KOMATIITIC PERIDOTITE MESOCUMULATE' and 'Cloudy grey, fine grained, fractured, mineralized, moderately hard-hard'.

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |
|----------|--------|--|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|
| | | missing core. | | | | | | | | | | | | | | | |
| | | 29.10 30.00 No visible sulphides. | | | | | | | | | | | | | | | |
| | | 30.00 30.90 No visible sulphides. | | | | | | | | | | | | | | | |
| | | 30.90 31.80 No visible sulphides. | | | | | | | | | | | | | | | |
| | | 31.80 32.70 No visible sulphides. | | | | | | | | | | | | | | | |
| | | 32.70 Blank. | | | | | | | | | | | | | | | |
| | | 32.70 33.60 No visible sulphides. | | | | | | | | | | | | | | | |
| | | 33.60 34.20 1-2%po-py, maybe 3% +/-. | | | | | | | | | | | | | | | |
| 34.20 | 34.70 | MASSIVE SULPHIDE ZONE | | | | | | | | | | | | | | | |
| | | Pyrite-pyrrhotite massive sulphide breccia. | 120503 | 34.20 | 34.70 | .50 | <5 | 28 | 81 | .3 | 666 | 18100 | 18 | 27 | 303 | 1.81 | |
| | | 75-80% Sulphides as roughly 60% brown-yellow pyrite (mostly massive to semi massive) with red brown pyrrhotite blebs/patches and lineation within pyrite. The red-brown pyrrhotite was tested using dymethly a weak pink stain was noted. This pyrrhotite is non magnetic and is not the typical brassy brown magnetic mineralization normally seen. There are several swirl features seen with 5-10% green-black, serpentine altered, sub rounded fragments throughout unit. The fragments range from less than 1cm to around 5cm. Lower contact at 65 tca. | | | | | | | | | | | | | | | |
| | | 34.20 34.70 60% pyrite, 20% po. | | | | | | | | | | | | | | | |
| 34.70 | 62.00 | KOMATIITIC PERIDOTITE MESOCUMULATE | | | | | | | | | | | | | | | |
| | | Same unit as 27.3-34.2m. | 120504 | 34.70 | 35.60 | .90 | <5 | <5 | 238 | .4 | 1056 | 66100 | 14 | 31 | 864 | 6.61 | |
| | | Dark grey-black, fine grained, massive, uniform, hard, non magnetic, some more adcumulate sections. | 120505 | 35.60 | 36.40 | .80 | <5 | 41 | 91 | .3 | 289 | 5200 | 13 | 17 | 122 | .52 | |
| | | Weak greyish-green serpentine-carbonate alteration. | 120506 | 36.40 | 37.40 | 1.00 | <5 | <5 | 36 | <.2 | 203 | 3240 | 33 | 27 | 113 | | |
| | | Weakly fractured at low to high angles with thin serpentine and / or calcite filling. | 120507 | 37.40 | 38.40 | 1.00 | <5 | <5 | <5 | <.2 | 112 | 1568 | 27 | 28 | 77 | | |
| | | 2-3%white-grey To green high angle calcite-serpentine stringers. | 120508 | 38.40 | 39.40 | 1.00 | <5 | <5 | <5 | .3 | 69 | 1590 | 19 | 22 | 66 | | |
| | | Mineralization consists of trace to maybe as high as 3-5% pyrrhotite +/- pn blebs (3-4mm-4cm), patches (same as blebs), very fine disseminations and sulphide stringers associated with stringers/fractures. | 120509 | 39.40 | 40.40 | 1.00 | <5 | <5 | <5 | <.2 | 63 | 1712 | 22 | 23 | 67 | | |
| | | 34.70 35.60 Same mineralization style as massive sulphide but as in 33.6-24.2m, the section is more blebby or patchy. The mineralization consists of 3-4% pyrite with brownish pyrrhotite within pyrite. | 120510 | 40.40 | 41.40 | 1.00 | <5 | 53 | 35 | <.2 | 70 | 3830 | 18 | 24 | 91 | | |
| | | 35.60 36.40 Weakly brecciated, 0.5%-1% pyrite, trace-0.5% po. | 120511 | 41.40 | 42.40 | 1.00 | 6 | 25 | 72 | <.2 | 65 | 3478 | 17 | 20 | 85 | | |
| | | 44.00 52.40 More medium grained and altered than surrounding rock with 1-7% brassy brown-yellow brown pyrrhotite and pn blebs to patches with very fine dissemination. The section also | 120512 | 42.40 | 43.40 | 1.00 | <5 | 6 | 13 | <.2 | 69 | 2135 | 20 | 25 | 71 | | |
| | | | 120513 | 43.40 | 44.20 | .80 | 27 | 83 | 237 | .4 | 665 | 11100 | 25 | 28 | 158 | 1.11 | |
| | | | 120514 | 44.20 | 44.90 | .70 | 119 | 53 | 135 | <.2 | 239 | 8100 | 23 | 28 | 129 | .81 | |
| | | | 120515 | 44.90 | 45.90 | 1.00 | <5 | 23 | 63 | 1.1 | 1811 | 2640 | 20 | 32 | 273 | | |
| | | | 120516 | 45.90 | 46.90 | 1.00 | 58 | 120 | 293 | .4 | 815 | 12700 | 25 | 32 | 191 | 1.27 | |
| | | | 120517 | 46.90 | 47.90 | 1.00 | 41 | 43 | 104 | <.2 | 273 | 7160 | 17 | 23 | 119 | .70 | |
| | | | 120518 | 47.90 | 48.90 | 1.00 | <5 | 87 | 185 | <.2 | 173 | 829 | 14 | 23 | 116 | | |
| | | | 120519 | 48.90 | 49.90 | 1.00 | <5 | 21 | 40 | <.2 | 82 | 2924 | 12 | 19 | 46 | | |
| | | | 120520 | 49.90 | 50.90 | 1.00 | 25 | 52 | 83 | .3 | 81 | 3654 | 11 | 18 | 66 | | |
| | | | 120521 | 50.90 | 51.60 | .70 | 381 | 340 | 781 | 1.2 | 369 | 35600 | 16 | 29 | 824 | 3.56 | |
| | | | 120522 | 51.60 | 52.40 | .80 | 7 | 58 | 155 | .3 | 106 | 7940 | 12 | 20 | 115 | .80 | |
| | | | 120523 | 52.40 | 53.20 | .80 | <5 | 74 | 86 | <.2 | 103 | 3882 | 13 | 19 | 72 | | |
| | | | 120524 | 53.20 | 54.10 | .90 | <5 | 37 | 86 | <.2 | 85 | 3255 | 16 | 19 | 75 | | |
| | | | 120525 | 54.10 | 54.10 | .00 | 10 | 70 | 94 | .6 | 2449 | 13300 | 81 | 35 | 230 | | |
| | | | 120526 | 54.10 | 55.00 | .90 | <5 | <5 | <5 | <.2 | 72 | 1792 | 17 | 21 | 69 | | |
| | | | 120527 | 55.00 | 56.00 | 1.00 | <5 | <5 | 14 | <.2 | 72 | 2870 | 22 | 22 | 91 | | |
| | | | 120528 | 56.00 | 57.00 | 1.00 | <5 | <5 | <5 | <.2 | 60 | 1742 | 19 | 22 | 63 | | |

Date: 15 Dec, 2008

GOLDEN CHALICE RESOURCES INC

Northing: 5349470.00
Easting: 497400.00
Elevation: 293.60

DRILL HOLE RECORD

Drill Hole: GCL08-67

*** Dip Tests ***
Table with columns: Depth, Azi., Dip
Rows: 26 180.8 -60.0, 74 181.4 -59.5, 134 181.0 -59.3

Project: Langmuir Zone
Property: Langmuir
Claim: 4203498
Northing: 0+62W
Easting: 2+30N
GPS Northing: 5349470
GPS Easting: 497400
Date Started: June 17, 2008
Date completed: June 18, 2008
Drilled by: Norex
Sample type: Cut Core
Analyses: PM 30g FA, BM AA
Lab: Expert
Sample series: 118765-118786
Lab report: 23346

Collar Azi.: 180.0
Collar Dip: -60.0

Hole length: 134.00
Units: Metric
Core size: NQ
Grid: Metric 2007

Materials left: Casing pulled & cemented
Collar survey: Chained & GPS
DH Survey method: Reflex

Comments: N/A
Logged by: K. Montgomery
Date(s) logged: June 23 & 24, 2008
Purpose: N/A
Core storage: Moneta Facility Timmins

Table with columns: From (m), To (m), Geology, Sample, From (m), To (m), L (m), Au (ppb), Pt (ppb), Pd (ppb), Ag (ppm), Cu (ppm), Ni (ppm), Zn (ppm), Pb (ppm), Co (ppm), Cu (%) Ni (%)
Rows include: OVERBURDEN, KOMATIITIC PERIDOTITE ADCUMULATE, KOMATIITIC PERIDOTITE MESOCUMULATE

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |
|----------|--------|--|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|
| | | fractures. | | | | | | | | | | | | | | | |
| | | Lower contact sharp, 25 to ca. | | | | | | | | | | | | | | | |
| 116.65 | 134.00 | GRANODIORITE | | | | | | | | | | | | | | | |
| | | Medium grey to pinkish grey, medium grained, massive, predominantly quartz/white plagioclase matrix with 10% phenocrysts white plagioclase < 5mm and 5-10% green chloritic mafic phenocrysts. Also scattered green chloritic mafic specks to fragments (up to 1 cm size). Structure: weak fracturing rqd-90. The granodiorite is cut by 0.5% white fine calcite filled fractures. Mineralization: locally 0.5% fine grained to medium grained cubic disseminated pyrite. | | | | | | | | | | | | | | | |
| | | 126.50 128.50 Structure: strong fracturing rqd-0. | | | | | | | | | | | | | | | |
| 134.00 | | END OF HOLE | | | | | | | | | | | | | | | |

Date: 15 Dec, 2008

GOLDEN CHALICE RESOURCES INC

Northing: 5349485.00
Easting: 497375.00
Elevation: 293.60

DRILL HOLE RECORD

Drill Hole: GCL08-66

*** Dip Tests ***
Depth Azi. Dip

Project: Langmuir Zone
Property: Langmuir
Claim: 4203498
Northing: 0+73W
Easting: 2+55N
GPS Northing: 5349485
GPS Easting: 497375
Date Started: June 13, 2008
Date completed: June 16, 2008
Drilled by: Norex
Sample type: Cut Core
Analyses: PM 30g FA, BM AA
Lab: Expert
Sample series: 121306-121434
Lab report: 23267-68

Collar Azi.: 180.0
Collar Dip: -68.0

Table with 3 columns: Depth, Azi., Dip. Values: 26 181.5 -67.1, 74 181.1 -67.1, 125 181.7 -66.8, 161 181.4 -66.8

Hole length: 161.00
Units: Metric
Core size: NQ
Grid: Metric 2007

Materials left: Casing Pulled/Cemented
Collar survey: Chained & GPS
DH Survey method: Reflex

Comments: N/A
Logged by: S. Beauchamp
Date(s) logged: June 18, 2008
Purpose: N/A
Core storage: Hastings Facility Timmins

Table with columns: From (m), To (m), Geology, Sample, From (m), To (m), L (m), Au (ppb), Pt (ppb), Pd (ppb), Ag (ppm), Cu (ppm), Ni (ppm), Zn (ppm), Pb (ppm), Co (ppm), Cu (%) Ni (%)

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |
|----------|--------|---|----------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|
| | | ° SGA fragments black, aphanitic, . | ° | | | | | | | | | | | | | | |
| | | ° Soft, charcoal-like, crumbly. | ° | | | | | | | | | | | | | | |
| | | ° Non-magnetic, pyrrhotite / pentlandite as brassy | ° | | | | | | | | | | | | | | |
| | | ° silvery blebs concentrated along fractures, | ° | | | | | | | | | | | | | | |
| | | ° parallel shearing / cleavage generally. | ° | | | | | | | | | | | | | | |
| | | ° 35-50 Degrees, RQD 40. | ° | | | | | | | | | | | | | | |
| 33.00 | 36.00 | KOMATIITIC PERIDOTITE MESOCUMULATE | | | | | | | | | | | | | | | |
| | | ° Contacts gradational. | °121322° | 33.00 | 34.00 | 1.00 | <5° | <5° | <5° | <.2° | 373° | 1009° | 228° | 11° | 80° | | |
| | | ° Medium green, fine grained, massive, strongly | °121323° | 34.00 | 35.00 | 1.00 | <5° | <5° | <5° | <.2° | 273° | 1005° | 107° | 12° | 67° | | |
| | | ° serpentized. 1% calcite / serpentine stringers | °121324° | 35.00 | 36.00 | 1.00 | <5° | <5° | <5° | <.2° | 266° | 1526° | 70° | 13° | 86° | | |
| | | ° <1cm generally 40 degrees. | ° | | | | | | | | | | | | | | |
| | | ° Non-magnetic, 0.5-1% pyrrhotite as interstitial | ° | | | | | | | | | | | | | | |
| | | ° disseminations and with pentlandite as brassy | ° | | | | | | | | | | | | | | |
| | | ° silvery blebs along fractures, RQD 80. | ° | | | | | | | | | | | | | | |
| 36.00 | 80.00 | KOMATIITIC PERIDOTITE ADCUMULATE | | | | | | | | | | | | | | | |
| | | ° Contacts gradational. | °121325° | 36.00 | 36.00 | .00 | 11° | 74° | 76° | .6° | 1888° | 20200° | 86° | 49° | 387° | | |
| | | ° Dark emerald green, aphanitic, massive, strongly | °121326° | 36.00 | 37.00 | 1.00 | <5° | <5° | <5° | <.2° | 89° | 1590° | 54° | 15° | 78° | | |
| | | ° serpentized. 2% calcite / fibrous serpentine | °121327° | 37.00 | 38.00 | 1.00 | <5° | <5° | <5° | <.2° | 88° | 1570° | 48° | 15° | 76° | | |
| | | ° stringers <2cm generally 40 degrees. | °121328° | 38.00 | 39.00 | 1.00 | <5° | <5° | <5° | <.2° | 68° | 1560° | 55° | 16° | 80° | | |
| | | ° Non-magnetic, 0.5-2% pyrrhotite as interstitial | °121329° | 39.00 | 40.00 | 1.00 | <5° | <5° | <5° | <.2° | 55° | 1421° | 42° | 13° | 78° | | |
| | | ° disseminations, rarely with pentlandite as brassy | °121330° | 40.00 | 41.00 | 1.00 | <5° | <5° | <5° | <.2° | 71° | 1653° | 39° | 20° | 81° | | |
| | | ° silvery blebs along fractures, RQD 60. | °121331° | 41.00 | 42.00 | 1.00 | <5° | <5° | <5° | <.2° | 67° | 1644° | 28° | 18° | 75° | | |
| | | ° 56.00 65.00 Rubble, pebbles, 20% gouge, RQD 20. | °121332° | 42.00 | 43.00 | 1.00 | <5° | <5° | <5° | <.2° | 63° | 1664° | 28° | 14° | 76° | | |
| | | ° 70.00 74.00 Weakly fracture crackled with 10% | °121333° | 43.00 | 44.00 | 1.00 | <5° | <5° | <5° | <.2° | 81° | 1729° | 26° | 14° | 82° | | |
| | | ° calcite healing, RQD 70. | °121334° | 44.00 | 45.00 | 1.00 | <5° | <5° | <5° | <.2° | 66° | 1690° | 29° | 15° | 75° | | |
| | | ° 87.70 87.80 Gouge. | °121335° | 45.00 | 46.00 | 1.00 | <5° | <5° | <5° | <.2° | 64° | 1807° | 29° | 15° | 78° | | |
| | | ° 87.80 88.30 Brecciated calcite / talc veinlet, | °121336° | 46.00 | 47.00 | 1.00 | <5° | <5° | <5° | <.2° | 59° | 1846° | 28° | 16° | 73° | | |
| | | ° barren, contacts ~45-60 degrees parallel | °121337° | 47.00 | 48.00 | 1.00 | <5° | <5° | <5° | <.2° | 59° | 1890° | 30° | 14° | 74° | | |
| | | ° shearing, 20% wall rock. | °121338° | 48.00 | 49.00 | 1.00 | <5° | <5° | <5° | <.2° | 67° | 1721° | 26° | 14° | 68° | | |
| | | ° 36.00 Nickel STANDARD 113. | °121339° | 49.00 | 50.00 | 1.00 | <5° | <5° | <5° | <.2° | 60° | 1768° | 28° | 15° | 73° | | |
| | | ° 60.00 Blank. | °121340° | 50.00 | 51.00 | 1.00 | <5° | <5° | <5° | <.2° | 60° | 1756° | 24° | 13° | 69° | | |
| | | | °121341° | 51.00 | 52.00 | 1.00 | <5° | <5° | <5° | <.2° | 61° | 1730° | 26° | 15° | 71° | | |
| | | | °121342° | 52.00 | 53.00 | 1.00 | <5° | <5° | <5° | <.2° | 52° | 1845° | 27° | 15° | 68° | | |
| | | | °121343° | 53.00 | 54.00 | 1.00 | <5° | <5° | <5° | <.2° | 71° | 1655° | 26° | 18° | 63° | | |
| | | | °121344° | 54.00 | 55.00 | 1.00 | <5° | <5° | <5° | <.2° | 100° | 1932° | 28° | 17° | 78° | | |
| | | | °121345° | 55.00 | 56.00 | 1.00 | <5° | 25° | 46° | <.2° | 157° | 4970° | 30° | 16° | 111° | | |
| | | | °121346° | 56.00 | 57.00 | 1.00 | <5° | 73° | 158° | .3° | 385° | 11400° | 26° | 19° | 164° | | |
| | | | °121347° | 57.00 | 58.00 | 1.00 | <5° | 16° | 38° | <.2° | 101° | 3128° | 26° | 16° | 83° | | |
| | | | °121348° | 58.00 | 59.00 | 1.00 | <5° | 24° | 48° | <.2° | 100° | 3452° | 25° | 18° | 89° | | |
| | | | °121349° | 59.00 | 60.00 | 1.00 | <5° | 9° | 14° | <.2° | 94° | 3032° | 23° | 13° | 83° | | |
| | | | °121350° | 60.00 | 60.00 | .00 | <5° | <5° | <5° | <.2° | 7° | 96° | 3° | <2° | 5° | | |
| | | | °121351° | 60.00 | 61.00 | 1.00 | <5° | 7° | 14° | <.2° | 89° | 2644° | 20° | 14° | 81° | | |
| | | | °121352° | 61.00 | 62.00 | 1.00 | 24° | 7° | 9° | <.2° | 85° | 2572° | 24° | 13° | 76° | | |
| | | | °121353° | 62.00 | 63.00 | 1.00 | 209° | <5° | <5° | <.2° | 53° | 2380° | 22° | 13° | 66° | | |
| | | | °121354° | 63.00 | 64.00 | 1.00 | 10° | 7° | 16° | <.2° | 71° | 2491° | 18° | 13° | 67° | | |
| | | | °121355° | 64.00 | 65.00 | 1.00 | <5° | 16° | 22° | <.2° | 71° | 2425° | 18° | 14° | 67° | | |
| | | | °121356° | 65.00 | 66.00 | 1.00 | <5° | 8° | 25° | <.2° | 61° | 2489° | 17° | 14° | 69° | | |
| | | | °121357° | 66.00 | 67.00 | 1.00 | <5° | 11° | 9° | <.2° | 109° | 2446° | 17° | 18° | 71° | | |
| | | | °121358° | 67.00 | 68.00 | 1.00 | <5° | 16° | 40° | <.2° | 85° | 3105° | 18° | 14° | 84° | | |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |
|----------|--------|--|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|
| | | pyrrhotite along fractures, 0-trace cubic pyrite | | | | | | | | | | | | | | | |
| | | <1mm disseminated. RQD 90. | | | | | | | | | | | | | | | |
| 95.60 | 124.70 | KOMATIITIC PERIDOTITE ADCUMULATE | | | | | | | | | | | | | | | |
| | | Upper contact sharp 40 degrees. | 121389 | 95.60 | 96.00 | .40 | 424 | 9 | 7 | <.2 | 41 | 1643 | 26 | 12 | 78 | | |
| | | Dark grey to dark emerald, aphanitic, 3% calcite | 121390 | 96.00 | 97.00 | 1.00 | 35 | <5 | <5 | <.2 | 57 | 1583 | 30 | 13 | 78 | | |
| | | <1cm generally 30-80 degrees. | 121391 | 97.00 | 98.00 | 1.00 | 705 | <5 | <5 | <.2 | 50 | 1724 | 26 | 13 | 80 | | |
| | | Non-magnetic, 0.5-1% interstitial pyrrhotite, | 121392 | 98.00 | 99.00 | 1.00 | 18 | 6 | 6 | <.2 | 46 | 1698 | 21 | 9 | 79 | | |
| | | 0-trace fine bleb yellowish golden chalcopryrite, | 121393 | 99.00 | 100.00 | 1.00 | 406 | 11 | 13 | <.2 | 51 | 2058 | 22 | 11 | 90 | | |
| | | RQD 90. | 121394 | 100.00 | 101.00 | 1.00 | 17 | 9 | 12 | <.2 | 41 | 1559 | 19 | 9 | 70 | | |
| | | 116.00 124.80 RQD 70. | 121395 | 101.00 | 102.00 | 1.00 | 181 | <5 | <5 | <.2 | 52 | 1730 | 28 | 12 | 80 | | |
| | | 116.30 116.50 Amygdules. | 121396 | 102.00 | 103.00 | 1.00 | 17 | 19 | 16 | <.2 | 54 | 2009 | 26 | 12 | 83 | | |
| | | | 121397 | 103.00 | 104.00 | 1.00 | 341 | 24 | 20 | <.2 | 68 | 2697 | 31 | 15 | 110 | | |
| | | | 121398 | 104.00 | 105.00 | 1.00 | <5 | <5 | <.2 | 59 | 1958 | 29 | 14 | 94 | | | |
| | | | 121399 | 105.00 | 106.00 | 1.00 | 140 | <5 | <5 | <.2 | 62 | 1694 | 28 | 14 | 86 | | |
| | | | 121401 | 106.00 | 107.00 | 1.00 | 74 | <5 | <5 | <.2 | 102 | 1600 | 55 | 18 | 85 | | |
| | | | 121402 | 107.00 | 108.00 | 1.00 | 15 | <5 | <5 | <.2 | 73 | 1653 | 29 | 14 | 86 | | |
| | | | 121403 | 108.00 | 109.00 | 1.00 | 49 | <5 | <5 | <.2 | 83 | 1578 | 48 | 16 | 81 | | |
| | | | 121404 | 109.00 | 110.00 | 1.00 | 22 | <5 | <5 | <.2 | 78 | 1195 | 55 | 15 | 72 | | |
| | | | 121405 | 110.00 | 111.00 | 1.00 | 114 | 10 | 13 | <.2 | 103 | 1254 | 38 | 15 | 73 | | |
| | | | 121406 | 111.00 | 112.00 | 1.00 | 10 | 6 | <5 | <.2 | 120 | 999 | 31 | 12 | 56 | | |
| | | | 121407 | 112.00 | 113.00 | 1.00 | 55 | <5 | <5 | <.2 | 98 | 1576 | 51 | 15 | 80 | | |
| | | | 121408 | 113.00 | 114.00 | 1.00 | 10 | <5 | <5 | <.2 | 206 | 1068 | 45 | 15 | 60 | | |
| | | | 121409 | 114.00 | 115.00 | 1.00 | 58 | 5 | 8 | <.2 | 107 | 1795 | 65 | 21 | 80 | | |
| | | | 121410 | 115.00 | 116.00 | 1.00 | 45 | <5 | <5 | <.2 | 132 | 1740 | 60 | 18 | 77 | | |
| | | | 121411 | 116.00 | 117.00 | 1.00 | 57 | 23 | 23 | <.2 | 230 | 1632 | 29 | 12 | 94 | | |
| | | | 121412 | 117.00 | 118.00 | 1.00 | 32 | 7 | 17 | <.2 | 246 | 2127 | 37 | 15 | 104 | | |
| | | | 121413 | 118.00 | 119.00 | 1.00 | 28 | <5 | <5 | <.2 | 306 | 1446 | 64 | 17 | 93 | | |
| | | | 121414 | 119.00 | 120.00 | 1.00 | <5 | <5 | <.2 | 133 | 1523 | 46 | 19 | 86 | | | |
| | | | 121415 | 120.00 | 121.00 | 1.00 | 95 | <5 | <5 | <.2 | 97 | 1430 | 42 | 18 | 89 | | |
| | | | 121416 | 121.00 | 122.00 | 1.00 | <5 | <5 | <.2 | 98 | 1417 | 46 | 17 | 87 | | | |
| | | | 121417 | 122.00 | 123.00 | 1.00 | 101 | <5 | <5 | <.2 | 93 | 1438 | 44 | 16 | 87 | | |
| | | | 121418 | 123.00 | 124.00 | 1.00 | <5 | <5 | <.2 | 84 | 1447 | 43 | 16 | 84 | | | |
| | | | 121419 | 124.00 | 124.70 | .70 | 52 | <5 | <5 | <.2 | 85 | 1434 | 39 | 17 | 89 | | |
| 124.70 | 137.00 | KOMATIITIC PERIDOTITE BRECCIA | | | | | | | | | | | | | | | |
| | | Upper contact gradational ~50 degrees. | 121420 | 124.70 | 125.50 | .80 | <5 | <5 | <.2 | 86 | 1414 | 47 | 18 | 81 | | | |
| | | 60:40 KPDM:SGA; graphite healed, fragments as from | 121421 | 125.50 | 126.50 | 1.00 | 97 | <5 | <5 | <.2 | 77 | 1268 | 47 | 16 | 76 | | |
| | | 30.0-33.0. | | | | | | | | | | | | | | | |
| | | Non-magnetic, trace-2% pyrrhotite / pentlandite as | | | | | | | | | | | | | | | |
| | | brassy silvery blebs concentrated along fractures, | | | | | | | | | | | | | | | |
| | | parallel shearing / cleavage generally. | | | | | | | | | | | | | | | |
| | | 35-40 Degrees, and as disseminations, RQD 40. | | | | | | | | | | | | | | | |
| 137.00 | 149.20 | KOMATIITIC PERIDOTITE MESOCUMULATE | | | | | | | | | | | | | | | |
| | | Upper contact gradational. | 121422 | 137.00 | 138.00 | 1.00 | <5 | 5 | 10 | <.2 | 77 | 1108 | 38 | 12 | 66 | | |
| | | Dark grey to medium green, fine grained, slightly | 121423 | 138.00 | 139.00 | 1.00 | 20 | 5 | 5 | <.2 | 118 | 1158 | 43 | 13 | 72 | | |
| | | brecciated throughout. | 121424 | 139.00 | 140.00 | 1.00 | <5 | <5 | <.2 | 110 | 967 | 43 | 13 | 65 | | | |
| | | Non-magnetic, 1-3% fine bronze flecks disseminated | 121425 | 140.00 | 140.00 | .00 | 10 | 68 | 86 | .5 | 2597 | 13200 | 83 | 31 | 212 | | |
| | | throughout and as occasional brassy fracture | 121426 | 140.00 | 141.00 | 1.00 | 60 | <5 | <5 | <.2 | 106 | 1092 | 41 | 14 | 70 | | |
| | | filling, RQD 80. | 121427 | 141.00 | 142.00 | 1.00 | 11 | <5 | <5 | <.2 | 92 | 1100 | 39 | 11 | 68 | | |

Date: 15 Dec, 2008

GOLDEN CHALICE RESOURCES INC

Page: 1 of 5

Northing: 5349485.00
Easting: 497375.00
Elevation: 293.60

DRILL HOLE RECORD

Drill Hole: GCL08-65

*** Dip Tests ***
Depth Azi. Dip

Project: Langmuir Zone
Property: Langmuir
Claim: 4203498
Northing: 0+73W
Easting: 2+55N
GPS Northing: 5349485
GPS Easting: 497375
Date Started: June 12, 2008
Date completed: June 13, 2008
Drilled by: Norex
Sample type: Cut Core
Analyses: PM 30g FA, BM AA
Lab: Expert
Sample series: 118733-764
Lab report: 23217

Collar Azi.: 180.0
Collar Dip: -45.0

32 180.9 -43.2
83 182.0 -42.9
110 181.7 -43.1

Hole length: 110.00
Units: Metric
Core size: NQ
Grid: Metric 2007

Materials left: Casing pulled & cemented
Collar survey: Chained & GPS
DH Survey method: Reflex

Comments: N/A
Logged by: K. Montgomery
Date(s) logged: June 16 & 17, 2008
Purpose: N/A
Core storage: Hastings Facility Timmins

Table with columns: From (m), To (m), Geology, Sample, and various chemical elements (L, Au, Pt, Pd, Ag, Cu, Ni, Zn, Pb, Co, Ni, Cu). Rows describe geological intervals like OVERBURDEN, KOMATIITIC SPINIFEX PERIDOTITE, and KOMATIITIC PERIDOTITE MESOCUMULATE.

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |
|----------|--------|---|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|
| 99.90 | 110.00 | GRANODIORITE | | | | | | | | | | | | | | | |
| | | Medium grey, medium grained, massive, predominantly quartz/white plagioclase matrix with 10% phenocrysts white plagioclase < 5mm. | | | | | | | | | | | | | | | |
| | | Structure: weak fracturing rqd-95. | | | | | | | | | | | | | | | |
| | | 5 Cm chill margin at upper contact. | | | | | | | | | | | | | | | |
| 110.00 | | END OF HOLE | | | | | | | | | | | | | | | |

#####>

Date: 15 Dec, 2008 GOLDEN CHALICE RESOURCES INC Page: 1 of 1

Northing: 5349530.00 DRILL HOLE RECORD Drill Hole: GCL08-64A
Easting: 497400.00
Elevation: 293.90 *** Dip Tests *** Project: Langmuir Zone

Collar Azi.: 180.0 Depth Azi. Dip Property: Langmuir
Collar Dip: -69.0 23 185.0 -67.9 Claim: 4203498

Hole length: 24.00 Northing: 2+78 N
Units: Metric Easting: 0+27W
Core size: NQ GPS Northing: 5349530

Grid: Metric 2007 Date Started: June 9, 2008
Date completed: June 9, 2008
Drilled by: Norex

Materials left: Casing Pulled Sample type: Cut Core
Collar survey: Chained & GPS Analyses: N/A
DH Survey method: Reflex Lab: N/A

Sample series: N/A
Lab report: N/A
Comments: Azimuth deviated

Logged by: S. Beauchamp
Date(s) logged: June 9, 2008
Purpose: N/A
Core storage: Hastings Facility Timmins

#####

Table with columns: From (m), To (m), Geology, Sample, From (m), To (m), L (m), Au (ppb), Pt (ppb), Pd (ppb), Ag (ppm), Cu (ppm), Ni (ppm), Zn (ppm), Pb (ppm), Co (ppm), Cu (%), Ni (%). Rows include OVERBURDEN, NW Casing, GABBRO, and END OF HOLE.

#####

o Northing: 5349530.00 DRILL HOLE RECORD Drill Hole: GCL08-64

o Easting: 497400.00

o Elevation: 293.95 *** Dip Tests *** Project: Langmuir Zone

o Depth Azi. Dip Property: Langmuir

o Collar Azi.: 180.0 23 178.1 -66.4 Claim: 4203498

o Collar Dip: -69.0 74 181.4 -66.5 Northing: 2+78 N

o Hole length: 203.00 125 181.3 -66.3 Easting: 0+27 W

o Units: Metric 173 181.6 -66.3 GPS Northing: 5349530

o Core size: NQ 203 182.0 -66.2 GPS Easting: 497400

o Grid: Metric 2007 Date Started: June 9, 2008

o Materials left: Casing Pulled/Cemented Date completed: June 11, 2008

o Collar survey: Chained & GPS Drilled by: Norex

o DH Survey method: Reflex Sample type: Cut Core

o Comments: recollar Analyses: PM 30g FA, BM AA

o Logged by: S. Beauchamp Lab: Expert

o Date(s) logged: June 10, 2008 Sample series: 121213-121305

o Purpose: N/A Lab report: 23193

o Core storage: Hastings Facility Timmins

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o From To Geology Sample From To L Au Pt Pd Ag Cu Ni Zn Pb Co Cu(%) Ni(%)

o (m)

o

o

o .00 10.00 OVERBURDEN

o NW Casing.

o

o 10.00 38.50 GABBRO

o Diabase.

o Medium greenish grey, fine grained, equant, all

o ~1-2mm, massive, homogenous, hardness >5,

o non-glassy.

o Strongly magnetic, trace fine grained cubic pyrite

o <1mm, brittle, fractures generally 30 degrees, RQD

o 80.

o

o 38.50 41.70 KOMATIITIC PERIDOTITE BRECCIA

o Upper contact sharp but broken.

o 38.50 39.80 70:30 KPDM:MD; graphite healed. KPDM

o fragments medium grey, fine grained,

o slightly talcose. Intersected with MD

o as below,.

o And with 10% calcite <1cm, banded at 55 degrees.

o 39.80 41.70 100% SGA fragments; graphite healed,

o black, aphanitic, soft, charcoal like.

o 20% gouge parallel cleavage of 35-50

o degrees.

o Non magnetic, no visible sulphides, RQD 30.

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| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) | |
|----------|--------|---|----------------------------|--------------------------|---------------------------|----------------------|----------------|----------------|----------------|-------------------|-------------------|-------------------|-------------------|----------------|----------------|--------|--------|--|
| | | grained <=3mm, massive, predominantly quartz/white plagioclase with minor amphibole. | | | | | | | | | | | | | | | | |
| | | Non magnetic, trace pyrite as cubes <1mm disseminated, brittle, RQD 70 overall. | | | | | | | | | | | | | | | | |
| | | 67.60 68.50 Wedge wall rock KPDM; contacts sharp 40/30 degrees, 25% gouge at 40 degrees, RQD 0. | | | | | | | | | | | | | | | | |
| 69.80 | 70.80 | KOMATIITIC PERIDOTITE MESOCUMULATE Upper contact sharp but broken. Light green, fine grained, massive, mottled with 10% dark green freckles ~1mm across, bleached, severely talcose / serpentized,. Hardness ~2, no stringers. Non magnetic, no visible sulphides, RQD 80. | | | | | | | | | | | | | | | | |
| 70.80 | 71.80 | KOMATIITIC PERIDOTITE BRECCIA Upper contact gradational. 50:50 KPDM:SGA; graphite healed, as from 47.0-51.9, no visible sulphides. Sheared / cleaved at 45 degrees, 10% gouge, RQD 50. 70.80 71.80 Bracket KPDB, no visible sulphides. | 121213 | 70.80 | 71.80 | 1.00 | <5 | <5 | <5 | <.2 | 120 | 682 | 114 | 27 | 68 | | | |
| 71.80 | 98.40 | KOMATIITIC PYROXENITE Upper contact sharp 50 degrees, no chill margins. Basalt-like appearance. Dark greenish grey to medium green, fine grained, massive, homogenous, hardness ~4.9, non glassy,. Medium green chlorite colored streak. With 10% white flecks alteration with leucoxene like appearance, not calcite. No calcite alteration. 0.5% Calcite fracture fillings generally 60 degrees. Non magnetic, 1% silvery / brassy non magnetic anhedral pyrrhotite / pentlandite / pyrite concentrated along fractures at upper contact,. Otherwise, overall barren or with rare fine cube pyrite, no gouge, brittle, RQD 70. 96.00 98.40 10% white calcite stringers, 2-20cm, 10-50 degrees, with / without trace cubic pyrite up to 1mm. 71.80 72.80 KPX, 1% pyrrhotite/pentlandite. 97.40 98.40 KPX, trace pyrite. | 121214 121215 | 71.80 97.40 | 72.80 98.40 | 1.00 1.00 | <5 <5 | <5 <5 | <5 <5 | <.2 <.2 | 150 212 | 107 100 | 82 139 | 29 23 | 39 52 | | | |
| 98.40 | 101.40 | KOMATIITIC PERIDOTITE MESOCUMULATE 98.4-101.4 Softer, tending towards KPDM, contacts gradational. Dark greenish grey, fine grained, massive, homogenous, hardness ~3, 10% white flecks alteration, as above. Pervasive strong calcite. Alteration. Non magnetic, 1% dull silvery / brassy non magnetic | 121216 121217 121218 | 98.40 99.40 100.40 | 99.40 100.40 101.40 | 1.00 1.00 1.00 | <5 <5 <5 | <5 <5 <5 | <5 <5 <5 | <.2 <.2 <.2 | 132 243 155 | 102 127 122 | 194 203 187 | 29 33 27 | 56 64 61 | | | |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) | |
|----------|--------|--|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|--|
| | | anhedral pyrrhotite / pentlandite / pyrite concentrated along fractures, RQD 90. | | | | | | | | | | | | | | | | |
| | | 98.40 100.00 10% white calcite stringers, 2-20cm, 10-50 degrees, with / without trace cubic pyrite <1mm. | | | | | | | | | | | | | | | | |
| | | 98.40 99.40 KPX, 1% pyrrhotite/pentlandite/pyrite. | | | | | | | | | | | | | | | | |
| | | 99.40 100.40 KPX, 1% pyrrhotite/pentlandite/pyrite. | | | | | | | | | | | | | | | | |
| | | 100.40 101.40 KPX, 1% pyrrhotite/pentlandite/pyrite. | | | | | | | | | | | | | | | | |
| 101.40 | 106.20 | MAFIC DYKE | | | | | | | | | | | | | | | | |
| | | 101.40 106.20 Outer edge KPX; finer, tending towards MD, contacts gradational. | 121219 | 101.40 | 102.40 | 1.00 | <5 | <5 | <5 | <.2 | 215 | 100 | 132 | 26 | 52 | | | |
| | | Medium grey, fine grained, massive, homogenous, hardness ~4.9, non glassy, medium green chlorite colored streak. | 121220 | 102.40 | 103.40 | 1.00 | <5 | <5 | <5 | <.2 | 168 | 102 | 153 | 28 | 56 | | | |
| | | Absence of flecks alteration with leucoxene-like appearance. Pervasive strong calcite alteration. | 121221 | 103.40 | 104.40 | 1.00 | <5 | <5 | <5 | <.2 | 261 | 109 | 165 | 36 | 62 | | | |
| | | Weakly magnetic, up to 1% anhedral blebs dull silvery / brassy pyrrhotite / pentlandite concentrated along fractures, fractures generally 30 Degrees. Interstitial mineralization as trace very fine bronze blebs pyrrhotite, occasionally with very fine specks golden yellow chalcopyrite, Trace minute bright silvery specks sulphide disseminated, RQD 80. | 121222 | 104.40 | 105.40 | 1.00 | <5 | <5 | <5 | <.2 | 282 | 90 | 120 | 51 | 53 | | | |
| | | 103.50 1% black euhedral blades amphibole, 0.2mm length, in a medium greenish grey aphanitic matrix. | 121223 | 105.40 | 106.20 | .80 | <5 | <5 | <5 | <.2 | 304 | 99 | 150 | 35 | 56 | | | |
| | | 101.40 102.40 KPX, pyrrhotite/pentlandite/pyrite, 0-trace chalcopyrite. | | | | | | | | | | | | | | | | |
| | | 102.40 103.40 KPX, pyrrhotite/pentlandite/pyrite, 0-trace chalcopyrite. | | | | | | | | | | | | | | | | |
| | | 103.40 104.40 KPX, pyrrhotite/pentlandite/pyrite, 0-trace chalcopyrite. | | | | | | | | | | | | | | | | |
| | | 104.40 105.40 KPX, pyrrhotite/pentlandite/pyrite, 0-trace chalcopyrite. | | | | | | | | | | | | | | | | |
| | | 105.40 106.20 KPX, pyrrhotite/pentlandite/pyrite, 0-trace chalcopyrite. | | | | | | | | | | | | | | | | |
| 106.20 | 109.60 | KOMATIITIC PERIDOTITE MESOCUMULATE | | | | | | | | | | | | | | | | |
| | | Contacts distinct but broken. | 121224 | 106.20 | 107.20 | 1.00 | <5 | <5 | <5 | <.2 | 209 | 762 | 64 | 27 | 46 | | | |
| | | Severely serpentinized / talcose, as from 69.8-70.8. | 121225 | 107.20 | 107.20 | .00 | 9 | 78 | 80 | .6 | 2576 | 13100 | 86 | 28 | 188 | | | |
| | | Slightly magnetic, trace-0.5% fine specks bronze pyrrhotite disseminated and concentrated along fractures, RQD 90. | 121226 | 107.20 | 108.00 | .80 | <5 | <5 | <5 | <.2 | 62 | 729 | 37 | 32 | 40 | | | |
| | | 106.20 107.20 KPDM, trace-0.5% pyrrhotite. | 121227 | 108.00 | 109.00 | 1.00 | <5 | <5 | <5 | <.2 | 49 | 749 | 36 | 29 | 42 | | | |
| | | | 121228 | 109.00 | 109.60 | .60 | <5 | <5 | <5 | <.2 | 52 | 1010 | 28 | 30 | 51 | | | |

| From (m) | To (m) | Geology | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu(%) | Ni(%) |
|----------|--------|---|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-------|-------|
| | | 107.20 Nickel STANDARD 113. | | | | | | | | | | | | | | | |
| | | 107.20 108.00 KPDM, trace-0.5% pyrrhotite. | | | | | | | | | | | | | | | |
| | | 108.00 109.00 KPDM, trace-0.5% pyrrhotite. | | | | | | | | | | | | | | | |
| | | 109.00 109.60 KPDM, trace-0.5% pyrrhotite. | | | | | | | | | | | | | | | |
| 109.60 | 151.90 | KOMATIITIC PERIDOTITE ADCUMULATE | | | | | | | | | | | | | | | |
| | | Emerald black, aphanitic, massive, homogenous, moderately serpentinized. 1% calcite / serpentinite stringers <2cm generally 50 degrees. | 121229 | 109.60 | 110.00 | .40 | <5 | <5 | <5 | <.2 | 76 | 1434 | 49 | 41 | 74 | | |
| | | Slightly magnetic, 0.5-1% very fine specks bronze pyrrhotite disseminated throughout. Brittle, <5% gouge, fractures generally 30&50. Degrees, RQD 50. | 121230 | 110.00 | 111.00 | 1.00 | <5 | <5 | <5 | <.2 | 66 | 1597 | 52 | 37 | 74 | | |
| | | 119.00 138.00 1-3% fine bronze flakes pyrrhotite disseminated increasing downhole to 6%, and occasionally as anhedral bleb with pentlandite. | 121231 | 111.00 | 112.00 | 1.00 | <5 | <5 | <5 | <.2 | 56 | 1494 | 34 | 35 | 68 | | |
| | | Concentrated along fractures. 2% calcite / talc stringers <3cm generally 30-50 degrees. | 121232 | 112.00 | 113.00 | 1.00 | <5 | <5 | <5 | <.2 | 60 | 1582 | 33 | 39 | 72 | | |
| | | 124.00 125.00 50cm ground and lost core. | 121233 | 113.00 | 114.00 | 1.00 | 6 | <5 | <5 | <.2 | 55 | 1439 | 31 | 26 | 65 | | |
| | | 130.00 151.90 Introduction of stringers and blebs of bronze magnetic anhedral pyrrhotite, with fine flecks bronze pyrrhotite disseminated. | 121234 | 114.00 | 115.00 | 1.00 | <5 | <5 | <5 | <.2 | 66 | 1739 | 30 | 30 | 78 | | |
| | | Throughout. 1-18% pyrrhotite/pentlandite, tending toward net texture and towards semi-massive, rare fine bleb chalcopyrite associated. | 121235 | 115.00 | 116.00 | 1.00 | <5 | <5 | <5 | <.2 | 63 | 1522 | 27 | 26 | 74 | | |
| | | With the pyrrhotite/pentlandite, RQD 40. | 121236 | 116.00 | 117.00 | 1.00 | <5 | <5 | <5 | <.2 | 78 | 1630 | 30 | 31 | 79 | | |
| | | 136.00 138.00 5% pyrrhotite/pentlandite. | 121237 | 117.00 | 118.00 | 1.00 | <5 | <5 | <5 | <.2 | 71 | 1688 | 29 | 22 | 73 | | |
| | | 138.00 143.00 6% pyrrhotite/pentlandite. | 121238 | 118.00 | 119.00 | 1.00 | <5 | <5 | <5 | <.2 | 79 | 1686 | 30 | 24 | 74 | | |
| | | 143.00 145.00 1-3% pyrrhotite/pentlandite. | 121239 | 119.00 | 120.00 | 1.00 | <5 | <5 | <5 | <.2 | 91 | 1625 | 36 | 25 | 76 | | |
| | | 145.00 146.00 5% pyrrhotite/pentlandite, trace chalcopyrite. | 121240 | 120.00 | 121.00 | 1.00 | 38 | <5 | <5 | <.2 | 69 | 1780 | 36 | 28 | 73 | | |
| | | 146.00 147.00 7% pyrrhotite/pentlandite. | 121241 | 121.00 | 122.00 | 1.00 | 10 | <5 | <5 | <.2 | 95 | 1706 | 82 | 33 | 73 | | |
| | | 147.00 148.00 14% pyrrhotite/pentlandite. | 121242 | 122.00 | 123.00 | 1.00 | <5 | <5 | <5 | <.2 | 77 | 1749 | 42 | 31 | 64 | | |
| | | 148.00 149.00 18% pyrrhotite/pentlandite. | 121243 | 123.00 | 124.00 | 1.00 | <5 | 30 | 89 | <.2 | 91 | 2730 | 28 | 32 | 72 | | |
| | | 149.00 150.00 10% pyrrhotite/pentlandite. | 121244 | 124.00 | 125.00 | 1.00 | 21 | 144 | 273 | <.2 | 78 | 3639 | 26 | 32 | 87 | | |
| | | 150.00 151.90 7% pyrrhotite/pentlandite. | 121245 | 125.00 | 126.00 | 1.00 | <5 | 80 | 212 | <.2 | 113 | 3866 | 26 | 28 | 93 | | |
| | | Last 10cm at lower contact moderately sheared at 50 degrees, no gouge, high mineralization sharply cut-off. | 121246 | 126.00 | 127.00 | 1.00 | 44 | 34 | 207 | <.2 | 111 | 4005 | 27 | 24 | 77 | | |
| | | 109.60 110.00 KPDA, trace-0.5% pyrrhotite. | 121247 | 127.00 | 128.00 | 1.00 | <5 | 36 | 52 | <.2 | 104 | 2163 | 29 | <2 | 52 | | |
| | | 110.00 111.00 KPDA, trace-0.5% pyrrhotite. | 121248 | 128.00 | 129.00 | 1.00 | <5 | 8 | 19 | <.2 | 215 | 2623 | 27 | 24 | 76 | | |
| | | 111.00 112.00 KPDA, trace-0.5% pyrrhotite. | 121249 | 129.00 | 130.00 | 1.00 | <5 | 19 | 60 | <.2 | 221 | 3411 | 31 | 25 | 97 | | |
| | | 112.00 113.00 KPDA, trace-0.5% pyrrhotite. | 121250 | 130.00 | 130.00 | .00 | <5 | <5 | <5 | <.2 | 13 | 112 | 3 | 23 | 4 | | |
| | | 113.00 114.00 KPDA, trace-0.5% pyrrhotite. | 121251 | 130.00 | 131.00 | 1.00 | <5 | <5 | 23 | .3 | 294 | 7700 | 29 | 23 | 110 | .77 | |
| | | 114.00 115.00 KPDA, trace-0.5% pyrrhotite. | 121252 | 131.00 | 132.00 | 1.00 | <5 | 23 | 89 | <.2 | 199 | 12400 | 31 | 22 | 172 | 1.24 | |
| | | 115.00 116.00 KPDA, trace-0.5% pyrrhotite. | 121253 | 132.00 | 133.00 | 1.00 | <5 | 460 | 952 | .9 | 690 | 41800 | 31 | 22 | 353 | 4.18 | |
| | | 116.00 117.00 KPDA, trace-0.5% pyrrhotite. | 121254 | 133.00 | 134.00 | 1.00 | <5 | 200 | 531 | <.2 | 244 | 22200 | 32 | 22 | 199 | 2.22 | |
| | | 117.00 118.00 KPDA, trace-0.5% pyrrhotite. | 121255 | 134.00 | 135.00 | 1.00 | <5 | 160 | 385 | <.2 | 368 | 18800 | 33 | 22 | 182 | 1.88 | |

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| From (m) | To (m) | Geology                                                                                                                                                | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |  |
|----------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|--|
| 118.00   | 119.00 | KPDA, trace-0.5% pyrrhotite.                                                                                                                           |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 119.00   | 120.00 | KPDA, trace-0.5% pyrrhotite.                                                                                                                           |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 120.00   | 121.00 | KPDA, trace-0.5% pyrrhotite.                                                                                                                           |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 121.00   | 122.00 | KPDA, trace-0.5% pyrrhotite.                                                                                                                           |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 122.00   | 123.00 | KPDA, trace-0.5% pyrrhotite.                                                                                                                           |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 123.00   | 124.00 | KPDA, trace-0.5% pyrrhotite.                                                                                                                           |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 124.00   | 125.00 | KPDA, trace-0.5% pyrrhotite.                                                                                                                           |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 125.00   | 126.00 | KPDA, trace-0.5% pyrrhotite, 50cm sample/50cm ground.                                                                                                  |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 126.00   | 127.00 | KPDA, trace-0.5% pyrrhotite.                                                                                                                           |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 127.00   | 128.00 | KPDA, trace-0.5% pyrrhotite.                                                                                                                           |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 128.00   | 129.00 | KPDA, trace-0.5% pyrrhotite.                                                                                                                           |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 129.00   | 130.00 | KPDA, trace-0.5% pyrrhotite.                                                                                                                           |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 130.00   |        | Blank.                                                                                                                                                 |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 130.00   | 131.00 | KPDM, 0.5-2% pyrrhotite/pentlandite.                                                                                                                   |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 131.00   | 132.00 | KPDM, 0.5-3% pyrrhotite/pentlandite.                                                                                                                   |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 132.00   | 133.00 | KPDM, 0.5-2% with 10cm section of 10-12% disseminated pyrrhotite/pentlandite.                                                                          |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 133.00   | 134.00 | KPDM, 6-8% patches, blebs and disseminations of pyrrhotite/pentlandite.                                                                                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 134.00   | 135.00 | KPDM, 3-4% pyrrhotite/pentlandite.                                                                                                                     |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 135.00   | 136.00 | KPDM, 5-6% patches, disseminations, tiny blebs in broken core of pyrrhotite/pentlandite.                                                               |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 136.00   | 137.00 | KPDA, 3-5% pyrrhotite/pentlandite.                                                                                                                     |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 137.00   | 138.00 | KPDA, 0.5-1% pyrrhotite/pentlandite.                                                                                                                   |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 138.00   | 139.00 | KPDA, 6% as mostly localized stringer/patch of pyrrhotite/pentlandite around 138.5m.                                                                   |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 139.00   | 140.00 | KPDA, 1-2% pyrrhotite/pentlandite.                                                                                                                     |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 140.00   | 141.00 | KPDA, 1-2% pyrrhotite/pentlandite.                                                                                                                     |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 141.00   | 142.00 | KPDA, 1-2% pyrrhotite/pentlandite.                                                                                                                     |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 142.00   | 143.00 | KPDA, 4-5% pyrrhotite/pentlandite.                                                                                                                     |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 143.00   | 144.00 | KPDA, 1-3% pyrrhotite/pentlandite.                                                                                                                     |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 144.00   | 145.00 | KPDA, 1-2% pyrrhotite/pentlandite.                                                                                                                     |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 145.00   | 146.00 | KPDA, 8-10% pyrrhotite/pentlandite as localized 7cm section, trace chalcopyrite.                                                                       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 146.00   | 147.00 | KPDA, 8-10% pyrrhotite/pentlandite.                                                                                                                    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 147.00   | 148.00 | KPDA, 7-8% pyrrhotite/pentlandite.                                                                                                                     |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 148.00   | 149.00 | KPDA, 18-20% pyrrhotite/pentlandite.                                                                                                                   |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 149.00   | 150.00 | KPDA, 10% pyrrhotite/pentlandite.                                                                                                                      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 150.00   | 151.00 | KPDA, 4-6% pyrrhotite/pentlandite.                                                                                                                     |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 151.00   | 151.90 | KPDA, 10-12% pyrrhotite/pentlandite.                                                                                                                   |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 151.90   | 156.00 | KOMATIITIC PERIDOTITE MESOCUMULATE Upper contact 50 degrees. Emerald black, very fine grained, massive, homogenous, strongly serpentinized. 3% calcite | 121273 | 151.90   | 153.00 | 1.10  | <5       | 8        | 12       | <.2      | 79       | 2031     | 25       | 22       | 50       |        |        |  |
|          |        |                                                                                                                                                        | 121274 | 153.00   | 154.00 | 1.00  | <5       | <5       | <5       | <.2      | 105      | 1758     | 26       | 33       | 78       |        |        |  |
|          |        |                                                                                                                                                        | 121275 | 154.00   | 154.00 | .00   | 10       | 74       | 74       | .6       | 1809     | 20400    | 80       | 52       | 387      |        |        |  |







Date: 15 Dec, 2008

GOLDEN CHALICE RESOURCES INC

Page: 1 of 9

Northing: 5349500.00
Easting: 497425.00
Elevation: 293.60

DRILL HOLE RECORD

Drill Hole: GCL08-63

\*\*\* Dip Tests \*\*\*
Depth Azi. Dip

Project: Langmuir Zone
Property: Langmuir
Claim: 4203498
Northing: 2+40N
Easting: 0+25W
GPS Northing: 5349500
GPS Easting: 497425
Date Started: June 4, 2008
Date completed: June 6, 2008
Drilled by: Norex
Sample type: Cut Core
Analyses: PM 30g FA, BM AA
Lab: Expert
Sample series: 121115-121212
Lab report: 23198

Collar Azi.: 183.0
Collar Dip: -69.0

Table with 3 columns: Depth, Azi., Dip. Rows: 32 183.6 -70.4, 83 182.6 -70.4, 134 182.9 -70.7, 191 181.5 -70.2

Hole length: 191.00
Units: Metric
Core size: NQ
Grid: Metric 2007

Materials left: Casing Pulled/Cemented
Collar survey: Chained & GPS
DH Survey method: Reflex

Comments: N/A
Logged by: S. Beauchamp
Date(s) logged: June 10, 2008
Purpose: N/A
Core storage: Hastings Facility Timmins

Table with columns: From (m), To (m), Geology, Sample, and various chemical elements (L, Au, Pt, Pd, Ag, Cu, Ni, Zn, Pb, Co, Ni, Cu, Ni). Rows include geological descriptions like OVERBURDEN, KOMATIITIC PERIDOTITE MESOCUMULATE, and KOMATIITIC PERIDOTITE BRECCIA.

| From (m) | To (m) | Geology                                                                                                                                                                                                                                                                       | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |
|----------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|
|          |        | Dark grey to dark emerald, very fine grained, massive, strongly serpentinized. 3% calcite / serpentine stringers <1cm generally 70&10. Degrees. Wallrock non to slightly magnetic, trace-0.5% very fine bronze clots interstitial pyrrhotite and 0-trace yellow chalcopyrite. | 121116 | 29.00    | 30.00  | 1.00  | <5       | <5       | <5       | <.2      | 134      | 1301     | 48       | 28       | 81       |        |        |
|          |        | Also as trace-0.5% slightly magnetic anhedral blebs bronze / silvery pyrrhotite / pentlandite concentrated along fractures. RQD 60.                                                                                                                                           | 121117 | 30.00    | 31.00  | 1.00  | <5       | <5       | <5       | <.2      | 103      | 1200     | 37       | 28       | 77       |        |        |
|          |        | 33.00 35.00 Rubble, RQD 20, gouge and limonite on fractures generally 10&30 degrees.                                                                                                                                                                                          | 121118 | 31.00    | 32.00  | 1.00  | <5       | <5       | <5       | <.2      | 129      | 744      | 33       | 30       | 51       |        |        |
|          |        | 35.00 46.80 1-2% very fine clots interstitial bronze pyrrhotite, rarely on fractures.                                                                                                                                                                                         | 121119 | 32.00    | 33.00  | 1.00  | <5       | <5       | <5       | <.2      | 123      | 644      | 31       | 31       | 57       |        |        |
|          |        | 46.00 48.00 Rubble, RQD 10.                                                                                                                                                                                                                                                   | 121120 | 32.00    | 33.00  | 1.00  | <5       | <5       | <5       | <.2      | 123      | 644      | 31       | 31       | 57       |        |        |
|          |        | 46.80 47.50 GD; contacts broken, light grey, medium grained, equigranular ~2mm, massive, homogenous.                                                                                                                                                                          | 121121 | 33.00    | 34.00  | 1.00  | <5       | <5       | <5       | <.2      | 128      | 756      | 34       | 31       | 52       |        |        |
|          |        | 41.50 61.30 Medium grey, very fine grained, slightly serpentinized. 3% calcite / talc / serpentine stringers <2cm generally 70&30 degrees.                                                                                                                                    | 121122 | 34.00    | 35.00  | 1.00  | <5       | <5       | <5       | <.2      | 131      | 767      | 37       | 32       | 51       |        |        |
|          |        | Non to slightly magnetic, 2% very fine clots interstitial bronze pyrrhotite. Trace pyrrhotite / pentlandite as rare bronze / silvery blebs.                                                                                                                                   | 121123 | 35.00    | 36.00  | 1.00  | <5       | <5       | <5       | <.2      | 131      | 1471     | 40       | 31       | 78       |        |        |
|          |        | Along fractures. Fractures generally 30&70 degrees, RQD 60.                                                                                                                                                                                                                   | 121124 | 36.00    | 37.00  | 1.00  | <5       | <5       | <5       | <.2      | 131      | 1741     | 43       | 30       | 86       |        |        |
|          |        | 29.00 30.00 KPDA, trace-1% pyrrhotite/pentlandite, 0-trace chalcopyrite.                                                                                                                                                                                                      | 121125 | 37.00    | 38.00  | 1.00  | <5       | <5       | <5       | <.2      | 129      | 1860     | 43       | 29       | 86       |        |        |
|          |        | 30.00 31.00 KPDA, trace-1% pyrrhotite/pentlandite, 0-trace chalcopyrite.                                                                                                                                                                                                      | 121126 | 38.00    | 38.00  | .00   | 8        | 66       | 86       | .5       | 2720     | 13400    | 87       | 29       | 218      |        |        |
|          |        | 31.00 32.00 KPDA, trace-1% pyrrhotite/pentlandite, 0-trace chalcopyrite.                                                                                                                                                                                                      | 121127 | 38.00    | 39.00  | 1.00  | <5       | <5       | <5       | <.2      | 123      | 1969     | 46       | 31       | 88       |        |        |
|          |        | 32.00 33.00 KPDA, trace-1% pyrrhotite/pentlandite, 0-trace chalcopyrite.                                                                                                                                                                                                      | 121128 | 39.00    | 40.00  | 1.00  | 15       | <5       | <5       | <.2      | 119      | 1524     | 50       | 35       | 81       |        |        |
|          |        | 33.00 34.00 KPDA, trace-1% pyrrhotite/pentlandite, 0-trace chalcopyrite.                                                                                                                                                                                                      | 121129 | 40.00    | 41.00  | 1.00  | <5       | <5       | <5       | <.2      | 125      | 1877     | 43       | 30       | 88       |        |        |
|          |        | 34.00 35.00 KPDA, trace-1% pyrrhotite/pentlandite, 0-trace chalcopyrite.                                                                                                                                                                                                      | 121130 | 41.00    | 42.00  | 1.00  | 10       | <5       | <5       | <.2      | 129      | 2159     | 48       | 31       | 90       |        |        |
|          |        | 35.00 36.00 KPDA, 1-2% pyrrhotite/pentlandite, 0-trace chalcopyrite.                                                                                                                                                                                                          | 121131 | 42.00    | 43.00  | 1.00  | <5       | <5       | <5       | <.2      | 123      | 1936     | 42       | 30       | 89       |        |        |
|          |        | 36.00 37.00 KPDA, 1-2% pyrrhotite/pentlandite.                                                                                                                                                                                                                                | 121132 | 43.00    | 44.00  | 1.00  | 10       | <5       | <5       | <.2      | 113      | 1234     | 30       | 26       | 78       |        |        |
|          |        | 37.00 38.00 KPDA, 1-2% pyrrhotite/pentlandite.                                                                                                                                                                                                                                | 121133 | 44.00    | 45.00  | 1.00  | <5       | <5       | <5       | <.2      | 104      | 1841     | 38       | 28       | 94       |        |        |
|          |        | 38.00 Nickel STANDARD 113.                                                                                                                                                                                                                                                    | 121134 | 45.00    | 46.00  | 1.00  | <5       | <5       | <5       | <.2      | 102      | 1881     | 38       | 27       | 89       |        |        |
|          |        | 38.00 39.00 KPDA, 1-2% pyrrhotite/pentlandite.                                                                                                                                                                                                                                | 121135 | 46.00    | 46.80  | .80   | <5       | <5       | <5       | <.2      | 62       | 550      | 46       | 22       | 38       |        |        |
|          |        | 39.00 40.00 KPDA, 1-2% pyrrhotite/pentlandite.                                                                                                                                                                                                                                | 121136 | 47.50    | 48.00  | .50   | <5       | <5       | <5       | <.2      | 98       | 1182     | 49       | 27       | 62       |        |        |
|          |        | 40.00 41.00 KPDA, 1-2% pyrrhotite/pentlandite.                                                                                                                                                                                                                                | 121137 | 48.00    | 49.00  | 1.00  | <5       | <5       | <5       | <.2      | 113      | 1748     | 38       | 27       | 87       |        |        |
|          |        | 41.00 42.00 KPDA, 1-2% pyrrhotite/pentlandite.                                                                                                                                                                                                                                | 121138 | 49.00    | 50.00  | 1.00  | <5       | <5       | <5       | <.2      | 109      | 1853     | 38       | 29       | 83       |        |        |
|          |        | 42.00 43.00 KPDA, 1-2% pyrrhotite/pentlandite.                                                                                                                                                                                                                                | 121139 | 50.00    | 51.00  | 1.00  | <5       | <5       | <5       | <.2      | 125      | 1882     | 39       | 30       | 88       |        |        |
|          |        | 43.00 44.00 KPDA, 1-2% pyrrhotite/pentlandite.                                                                                                                                                                                                                                | 121140 | 51.00    | 52.00  | 1.00  | <5       | <5       | <5       | <.2      | 121      | 1798     | 38       | 28       | 81       |        |        |
|          |        | 44.00 45.00 KPDA, 1-2% pyrrhotite/pentlandite.                                                                                                                                                                                                                                | 121141 | 52.00    | 53.00  | 1.00  | <5       | <5       | <5       | <.2      | 136      | 1680     | 41       | 31       | 88       |        |        |
|          |        | 45.00 46.00 KPDA, 1-2% pyrrhotite/pentlandite.                                                                                                                                                                                                                                | 121142 | 53.00    | 54.00  | 1.00  | <5       | <5       | <5       | <.2      | 126      | 1702     | 43       | 31       | 86       |        |        |
|          |        | 30.00 31.00 KPDA, trace-1% pyrrhotite/pentlandite, 0-trace chalcopyrite.                                                                                                                                                                                                      | 121143 | 54.00    | 55.00  | 1.00  | <5       | <5       | <5       | <.2      | 121      | 1595     | 41       | 31       | 83       |        |        |
|          |        | 31.00 32.00 KPDA, trace-1% pyrrhotite/pentlandite, 0-trace chalcopyrite.                                                                                                                                                                                                      | 121144 | 55.00    | 56.00  | 1.00  | <5       | <5       | <5       | <.2      | 128      | 1747     | 45       | 30       | 85       |        |        |
|          |        | 32.00 33.00 KPDA, trace-1% pyrrhotite/pentlandite, 0-trace chalcopyrite.                                                                                                                                                                                                      | 121145 | 56.00    | 57.00  | 1.00  | 171      | <5       | <5       | <.2      | 158      | 1463     | 41       | 33       | 97       |        |        |
|          |        | 33.00 34.00 KPDA, trace-1% pyrrhotite/pentlandite, 0-trace chalcopyrite.                                                                                                                                                                                                      | 121146 | 57.00    | 58.00  | 1.00  | <5       | <5       | <5       | <.2      | 137      | 1590     | 45       | 32       | 96       |        |        |
|          |        | 34.00 35.00 KPDA, trace-1% pyrrhotite/pentlandite, 0-trace chalcopyrite.                                                                                                                                                                                                      | 121147 | 58.00    | 59.00  | 1.00  | <5       | <5       | <5       | <.2      | 143      | 1365     | 45       | 33       | 88       |        |        |
|          |        | 35.00 36.00 KPDA, 1-2% pyrrhotite/pentlandite, 0-trace chalcopyrite.                                                                                                                                                                                                          | 121148 | 59.00    | 60.00  | 1.00  | <5       | <5       | <5       | <.2      | 137      | 1156     | 37       | 32       | 71       |        |        |
|          |        | 36.00 37.00 KPDA, 1-2% pyrrhotite/pentlandite.                                                                                                                                                                                                                                | 121149 | 60.00    | 60.50  | .50   | <5       | <5       | <5       | <.2      | 123      | 1028     | 38       | 30       | 65       |        |        |
|          |        | 37.00 38.00 KPDA, 1-2% pyrrhotite/pentlandite.                                                                                                                                                                                                                                |        | 60.50    | 61.30  | .80   | <5       | <5       | <5       | <.2      | 111      | 1315     | 41       | 30       | 84       |        |        |
|          |        | 38.00 39.00 KPDA, 1-2% pyrrhotite/pentlandite.                                                                                                                                                                                                                                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 39.00 40.00 KPDA, 1-2% pyrrhotite/pentlandite.                                                                                                                                                                                                                                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 40.00 41.00 KPDA, 1-2% pyrrhotite/pentlandite.                                                                                                                                                                                                                                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 41.00 42.00 KPDA, 1-2% pyrrhotite/pentlandite.                                                                                                                                                                                                                                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 42.00 43.00 KPDA, 1-2% pyrrhotite/pentlandite.                                                                                                                                                                                                                                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 43.00 44.00 KPDA, 1-2% pyrrhotite/pentlandite.                                                                                                                                                                                                                                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 44.00 45.00 KPDA, 1-2% pyrrhotite/pentlandite.                                                                                                                                                                                                                                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 45.00 46.00 KPDA, 1-2% pyrrhotite/pentlandite.                                                                                                                                                                                                                                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |





| From (m) | To (m) | Geology                                                                                                                                             | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |
|----------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|
| 80.00    | 86.70  | KOMATIITIC PERIDOTITE ADCUMULATE                                                                                                                    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Upper contact gradational.                                                                                                                          | 121159 | 85.70    | 86.70  | 1.00  | <5       | <5       | <5       | <.2      | 136      | 1099     | 45       | 20       | 62       |        |        |
|          |        | Dark grey to medium grey, aphanitic to very fine grained, massive, homogenous, slightly serpentinized, no calcite alteration, no stringers.         |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Non magnetic, 0-trace very fine bronze pyrrhotite disseminated, RQD 90.                                                                             |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 85.70 86.70 KPDA, trace pyrrhotite.                                                                                                                 |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 86.70    | 99.30  | KOMATIITIC SPINIFEX PERIDOTITE                                                                                                                      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Upper contact sharp but faint.                                                                                                                      | 121160 | 86.70    | 87.70  | 1.00  | <5       | <5       | <5       | <.2      | 69       | 1024     | 63       | 23       | 59       |        |        |
|          |        | Matrix bleached as from 61.3-65.4, light green to medium grey downhole, strongly to weakly serpentinized.                                           | 121161 | 98.30    | 99.30  | 1.00  | <5       | <5       | <5       | <.2      | 82       | 651      | 110      | 25       | 67       |        |        |
|          |        | 86.70 89.40 Fine grained to mottled, bleached.                                                                                                      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 88.40 88.50 Sheared at 30 degrees.                                                                                                                  |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 89.40 92.20 Flow Top Breccia; slightly brecciated, serpentine healed.                                                                               |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 92.70 99.40 Spinifex; dark green, grades from 0.5cm random chicken scratch to 2cm asterisk* like to platy <10cm to dendritic downhole.              |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Non magnetic, no visible sulphides, RQD 90.                                                                                                         |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 86.70 87.70 KOSX, trace pyrrhotite.                                                                                                                 |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 98.30 99.30 KOSX, trace pyrrhotite.                                                                                                                 |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 99.30    | 103.30 | KOMATIITIC PERIDOTITE ADCUMULATE                                                                                                                    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Upper contact sharp 30 degrees.                                                                                                                     | 121162 | 99.30    | 100.30 | 1.00  | <5       | <5       | <5       | <.2      | 96       | 99       | 132      | 27       | 49       |        |        |
|          |        | Medium green grey, aphanitic, massive, weakly serpentinized, pervasive strong calcite altered, with 10% flecks calcite disseminated, Hardness ~4.5. | 121163 | 100.30   | 101.30 | 1.00  | <5       | <5       | <5       | <.2      | 180      | 102      | 126      | 28       | 54       |        |        |
|          |        | 101.30 102.30 KPDA, 0-trace pyrrhotite.                                                                                                             | 121164 | 101.30   | 102.30 | 1.00  | <5       | <5       | <5       | <.2      | 296      | 113      | 149      | 31       | 62       |        |        |
|          |        | 102.30 103.30 KPDA, 0-trace pyrrhotite.                                                                                                             | 121165 | 102.30   | 103.30 | 1.00  | <5       | <5       | <5       | <.2      | 367      | 184      | 132      | 31       | 60       |        |        |
|          |        | Non magnetic, 0-trace pyrrhotite, RQD 70.                                                                                                           |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 99.30 100.30 KPDA, 0-trace pyrrhotite.                                                                                                              |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 100.30 101.30 KPDA, 0-trace pyrrhotite.                                                                                                             |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 101.30 102.30 KPDA, 0-trace pyrrhotite.                                                                                                             |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 102.30 103.30 KPDA, 0-trace pyrrhotite.                                                                                                             |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 103.30   | 104.50 | KOMATIITIC PERIDOTITE MESOCUMULATE                                                                                                                  |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Upper contact gradational.                                                                                                                          | 121166 | 103.30   | 104.00 | .70   | 40       | 95       | 271      | .7       | 2204     | 31200    | 33       | 22       | 243      | 3.12   |        |
|          |        | Medium green, fine grained, massive, homogenous, severely serpentinized and talcose.                                                                | 121167 | 104.00   | 104.50 | .50   | 48       | 382      | 822      | .5       | 2212     | 21300    | 33       | 26       | 220      | 2.13   |        |
|          |        | Non magnetic, 2% pyrrhotite as brassy hairline fracture fillings parallel shearing of 35 degrees, RQD 60.                                           |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 103.30 104.00 KOMATIITIC PERIDOTITE MESOCUMULATE, 5-7% pyrrhotite +/- pn with 0.5% cpy.                                                             |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 104.00 104.50 KPDM, 2-3% pyrrhotite.                                                                                                                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 104.50   | 110.00 | KOMATIITIC PERIDOTITE ADCUMULATE                                                                                                                    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Upper contact sharp at 45 degrees.                                                                                                                  | 121168 | 104.50   | 105.00 | .50   | <5       | 53       | 113      | <.2      | 198      | 6966     | 45       | 32       | 107      | .72    |        |

| From (m) | To (m) | Geology                                                                                                                                                                                                                                                                                         | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |
|----------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|
|          |        | Black to emerald black, aphanitic, massive, homogenous, slightly serpentinized, no calcite alteration.                                                                                                                                                                                          | 121169 | 105.00   | 106.00 | 1.00  | 16       | 58       | 130      | <.2      | 250      | 3860     | 39       | 31       | 89       |        |        |
|          |        | 2% Aqua and white talc / calcite stringers 0.5-2cm, 35-45 degrees.                                                                                                                                                                                                                              | 121170 | 106.00   | 107.00 | 1.00  | <5       | 136      | 324      | <.2      | 1281     | 19800    | 35       | 32       | 216      | 1.98   |        |
|          |        | Non to slightly magnetic, 8-9% pyrrhotite / pentlandite as magnetic, bronze, fine to medium flecks, tending towards net texture, as well as. Hairline fracture fillings and rare stringer <1cm at ~35 degrees. 0-0.5% blebs yellow chalcocopyrite associated with stringers / blebs pyrrhotite. | 121171 | 107.00   | 108.00 | 1.00  | <5       | 120      | 295      | <.2      | 1154     | 13900    | 37       | 32       | 162      | 1.39   |        |
|          |        | 104.50 105.00 KPDA, 3-4% pyrrhotite/pentlandite, 0-0.5% chalcocopyrite.                                                                                                                                                                                                                         | 121172 | 108.00   | 109.00 | 1.00  | 12       | 61       | 132      | <.2      | 945      | 14200    | 34       | 34       | 155      | 1.42   |        |
|          |        | 105.00 106.00 KPDA, 0.5-1% pyrrhotite/pentlandite, 0-0.5% chalcocopyrite.                                                                                                                                                                                                                       | 121173 | 109.00   | 110.00 | 1.00  | 118      | 116      | 279      | <.2      | 756      | 8014     | 33       | 33       | 134      | .79    |        |
|          |        | 106.00 107.00 KPDA, 5-6% pyrrhotite/pentlandite, 0-0.5% chalcocopyrite.                                                                                                                                                                                                                         |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 107.00 108.00 KPDA, 6-8% pyrrhotite/pentlandite, 0-0.5% chalcocopyrite.                                                                                                                                                                                                                         |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 108.00 109.00 KPDA, 8-9% pyrrhotite/pentlandite, 0-0.5% chalcocopyrite.                                                                                                                                                                                                                         |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 109.00 110.00 KPDA, 8-9% pyrrhotite/pentlandite, 0-0.5% chalcocopyrite.                                                                                                                                                                                                                         |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 110.00   | 116.50 | KOMATIITIC SPINIFEX PERIDOTITE                                                                                                                                                                                                                                                                  |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Contacts gradational.                                                                                                                                                                                                                                                                           | 121174 | 110.00   | 110.40 | .40   | 12       | 56       | 64       | <.2      | 1000     | 16800    | 30       | 34       | 220      | 1.68   |        |
|          |        | 110.00 110.40 Flow top breccia to slightly brecciated, KOMATIITIC PERIDOTITE ADCUMULATE fragments angular up to 10cm, strongly sericitized margins. Infill black, aphanitic.                                                                                                                    | 121175 | 110.40   | 110.40 | .00   | 15       | 68       | 75       | .8       | 1945     | 20400    | 84       | 53       | 378      |        |        |
|          |        | KPDA with 8% coarse flecks magnetic, bronze, pyrrhotite tending towards net texture, concentrated between fragments.                                                                                                                                                                            | 121176 | 110.40   | 111.00 | .60   | 92       | 128      | 294      | .8       | 2164     | 24300    | 26       | 28       | 231      | 2.43   |        |
|          |        | 110.40 111.00 Spinifex; upper contact sharp 35 degrees. Matrix black, aphanitic, moderately serpentinized. Olivine spinifex light greyish green, .                                                                                                                                              | 121177 | 111.00   | 112.00 | 1.00  | 168      | 384      | 784      | .7       | 1980     | 30600    | 28       | 25       | 289      | 3.06   |        |
|          |        | 0.5cm Random chicken scratch to 2cm platy bladed, coarsening downhole, with strongly serpentinized alteration haloes surrounding each. Individual olivine. 1cm serpentine stringer at 40 degrees.                                                                                               | 121178 | 112.00   | 113.00 | 1.00  | 20       | 135      | 364      | <.2      | 1665     | 20500    | 29       | 29       | 200      | 2.05   |        |
|          |        | Strongly magnetic, 10% coarse bronze flecks pyrrhotite / pentlandite concentrated in matrix.                                                                                                                                                                                                    | 121179 | 113.00   | 114.00 | 1.00  | 14       | 20       | 14       | .6       | 2170     | 31600    | 24       | 26       | 304      | 3.16   |        |
|          |        | 111.00 116.50 Spinifex; matrix medium grey, weakly bleached, slightly serpentinized. Olivine black and relatively very weakly serpentinized. Grades from. Chicken scratch 0.5cm to platy bladed 3cm. Surrounded by net textured bronze magnetic                                                 | 121180 | 114.00   | 115.00 | 1.00  | 10       | 31       | 99       | .3       | 1907     | 20100    | 26       | 30       | 226      | 2.01   |        |
|          |        |                                                                                                                                                                                                                                                                                                 | 121181 | 115.00   | 116.00 | 1.00  | 27       | 132      | 297      | .6       | 1889     | 19400    | 32       | 38       | 278      | 1.94   |        |
|          |        |                                                                                                                                                                                                                                                                                                 | 121182 | 116.00   | 116.50 | .50   | <5       | 60       | 135      | <.2      | 1024     | 7400     | 31       | 35       | 172      | .74    |        |







| From (m) | To (m) | Geology                                            | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |
|----------|--------|----------------------------------------------------|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|
|          |        | Non magnetic, 1% pyrite as cubes <1mm disseminated |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | and as anhedral blebs <1cm along fractures,        |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | brittle, RQD 60 overall.                           |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 184.00 187.00 Rubble, pebbles, brittle, <1% gouge  |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | on fractures, RQD 0.                               |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 191.00   |        | END OF HOLE                                        |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |

Date: 15 Dec, 2008

GOLDEN CHALICE RESOURCES INC

Page: 1 of 7

Northing: 5349500.00
Easting: 497425.00
Elevation: 293.62

DRILL HOLE RECORD

Drill Hole: GCL08-62

\*\*\* Dip Tests \*\*\*
Depth Azi. Dip

Project: Langmuir Zone
Property: Langmuir
Claim: 4203498
Northing: 2+40N
Easting: 0+25W
GPS Northing: 5349500
GPS Easting: 497425
Date Started: June 2, 2008
Date completed: June 4, 2008
Drilled by: Norex
Sample type: Cut Core
Analyses: PM 30g FA, BM AA
Lab: Expert
Sample series: 121018-121114
Lab report: 23202

Collar Azi.: 183.0
Collar Dip: -52.0

Table with 3 columns: Depth, Azi., Dip. Values: 35 183.2 -51.8, 83 183.6 -51.4, 134 184.5 -51.6, 158 183.3 -51.6

Hole length: 158.00
Units: Metric
Core size: NQ
Grid: Metric 2007

Materials left: Casing Pulled/Cemented
Collar survey: Chained & GPS
DH Survey method: Reflex

Comments: Target 60-85m depth
Logged by: S. Beauchamp
Date(s) logged: June 4, 2008
Purpose: N/A
Core storage: Hastings Facility Timmins

Table with columns: From (m), To (m), Geology, Sample, From (m), To (m), L (m), Au (ppb), Pt (ppb), Pd (ppb), Ag (ppm), Cu (ppm), Ni (ppm), Zn (ppm), Pb (ppm), Co (ppm), Cu (%) Ni (%)

| From (m) | To (m) | Geology                                                                                                                            | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |  |
|----------|--------|------------------------------------------------------------------------------------------------------------------------------------|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|--|
|          |        | Disseminated throughout. Wall rock slightly magnetic, 5% gouge, weakly foliated at 50 degrees, RQD 50.                             |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 29.20 31.40 Rubble, sheared at 45 degrees, RQD 10, 60cm ground and lost.                                                           |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 27.00 28.00 Upper contact KPDM, 0.5% pyrrhotite, trace silvery sulphide.                                                           |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 28.00 29.00 KPDM, 0.5% pyrrhotite, trace sulphide (probably pyrite).                                                               |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 29.00 30.00 KPDM, 0.5% pyrrhotite, trace sulphide (probably pyrite).                                                               |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 30.00 31.00 KPDM, 0.5% pyrrhotite, trace sulphide (probably pyrite), 40cm sample/60cm ground.                                      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 31.00 32.00 KPDM, 0.5% pyrrhotite, trace sulphide (probably pyrite).                                                               |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 32.00    | 38.00  | KOMATIITIC PERIDOTITE ADCUMULATE                                                                                                   |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Upper contact gradational.                                                                                                         | 121024 | 32.00    | 33.00  | 1.00  | 42       | <5       | <5       | <.2      | 118      | 1503     | 34       | 31       | 73       |        |        |  |
|          |        | As above. Mineralization also as 0.5% brassy bronze magnetic anhedral blebs pyrrhotite / pentlandite concentrated along fractures. | 121025 | 33.00    | 33.00  | .00   | 12       | 70       | 88       | .6       | 1893     | 20100    | 88       | 52       | 398      |        |        |  |
|          |        | 34.00 35.50 RQD 30, 40cm ground and lost.                                                                                          | 121026 | 33.00    | 34.00  | 1.00  | <5       | <5       | <5       | <.2      | 120      | 1905     | 36       | 32       | 85       |        |        |  |
|          |        | 32.00 33.00 KPDA, 0.5-1% pyrrhotite/0-trace pentlandite.                                                                           | 121027 | 34.00    | 35.00  | 1.00  | <5       | <5       | <5       | <.2      | 115      | 1899     | 38       | 31       | 84       |        |        |  |
|          |        | 33.00 Nickel STANDARD 115.                                                                                                         | 121028 | 35.00    | 36.00  | 1.00  | <5       | <5       | <5       | <.2      | 108      | 1758     | 34       | 33       | 80       |        |        |  |
|          |        | 33.00 34.00 KPDA, 0.5-1% pyrrhotite/0-trace pentlandite.                                                                           | 121029 | 36.00    | 37.00  | 1.00  | <5       | <5       | <5       | <.2      | 111      | 1767     | 39       | 31       | 80       |        |        |  |
|          |        | 34.00 35.00 KPDA, 0.5-1% pyrrhotite/0-trace pentlandite, 60cm sample/40cm ground.                                                  | 121030 | 37.00    | 38.00  | 1.00  | 134      | <5       | <5       | <.2      | 117      | 1719     | 34       | 30       | 77       |        |        |  |
|          |        | 35.00 36.00 KPDA, 0.5-1% pyrrhotite/0-trace pentlandite.                                                                           |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 36.00 37.00 KPDA, 0.5-1% pyrrhotite/0-trace pentlandite.                                                                           |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 37.00 38.00 KPDA, 0.5-1% pyrrhotite/0-trace pentlandite.                                                                           |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 38.00    | 47.70  | KOMATIITIC PERIDOTITE MESOCUMULATE                                                                                                 |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Upper contact gradational.                                                                                                         | 121031 | 38.00    | 39.00  | 1.00  | 818      | 10       | 14       | <.2      | 120      | 1818     | 36       | 30       | 89       |        |        |  |
|          |        | As above.                                                                                                                          | 121032 | 39.00    | 40.00  | 1.00  | <5       | <5       | <5       | <.2      | 121      | 1590     | 42       | 30       | 77       |        |        |  |
|          |        | 43.50 46.50 Light green, severely talcose and serpentized, rubble, 20% gouge, 50cm ground and lost, RQD 30.                        | 121033 | 40.00    | 41.00  | 1.00  |          | <5       | <5       | <.2      | 114      | 1787     | 39       | 31       | 85       |        |        |  |
|          |        | 38.00 39.00 KPDM, 0.5% pyrrhotite, trace silvery sulphide.                                                                         | 121034 | 41.00    | 42.00  | 1.00  | 59       | <5       | <5       | <.2      | 125      | 1353     | 31       | 30       | 80       |        |        |  |
|          |        | 39.00 40.00 KPDM, 0.5% pyrrhotite, trace silvery sulphide.                                                                         | 121035 | 42.00    | 43.00  | 1.00  | <5       | <5       | <5       | <.2      | 124      | 1644     | 40       | 32       | 85       |        |        |  |
|          |        | 40.00 41.00 KPDM, 0.5% pyrrhotite, trace silvery sulphide.                                                                         | 121036 | 43.00    | 44.00  | 1.00  | <5       | <5       | <5       | <.2      | 138      | 1140     | 26       | 23       | 75       |        |        |  |
|          |        | 41.00 42.00 KPDM, 0.5% pyrrhotite, trace silvery sulphide.                                                                         | 121037 | 44.00    | 45.00  | 1.00  | 14       | <5       | <5       | <.2      | 111      | 485      | 100      | 30       | 63       |        |        |  |
|          |        |                                                                                                                                    | 121038 | 45.00    | 46.00  | 1.00  | <5       | <5       | <5       | <.2      | 107      | 160      | 175      | 37       | 60       |        |        |  |
|          |        |                                                                                                                                    | 121039 | 46.00    | 47.00  | 1.00  | <5       | <5       | <5       | <.2      | 95       | 1260     | 46       | 18       | 69       |        |        |  |
|          |        |                                                                                                                                    | 121040 | 47.00    | 47.70  | .70   | <5       | <5       | <5       | <.2      | 87       | 1560     | 37       | 22       | 71       |        |        |  |



| From (m) | To (m) | Geology                                                                                                                                           | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |  |
|----------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|--|
|          |        | 42.00 43.00 KPDM, 0.5% pyrrhotite, trace silvery sulphide.                                                                                        |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 43.00 44.00 KPDM, 0.5% pyrrhotite, trace silvery sulphide.                                                                                        |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 44.00 45.00 KPDM, 0.5% pyrrhotite, trace silvery sulphide.                                                                                        |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 45.00 46.00 KPDM, 0.5% pyrrhotite, trace silvery sulphide, 50cm sample/50cm ground.                                                               |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 46.00 47.00 KPDM, 0.5% pyrrhotite, trace silvery sulphide.                                                                                        |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 47.00 47.70 KPDA, 0.5-1% pyrrhotite.                                                                                                              |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 47.70    | 50.30  | KOMATIITIC PERIDOTITE ADCUMULATE                                                                                                                  |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Upper contact 30 degrees.                                                                                                                         | 121041 | 47.70    | 48.50  | .80   | <5       | <5       | <5       | <.2      | 107      | 1528     | 46       | 28       | 77       |        |        |  |
|          |        | As above.                                                                                                                                         | 121042 | 48.50    | 49.50  | 1.00  | <5       | <5       | <5       | <.2      | 129      | 1512     | 55       | 31       | 84       |        |        |  |
|          |        | 47.70 48.20 40% severely brecciated wall rock, 60% gouge, sheared at 30 degrees, RQD 0.                                                           | 121043 | 49.50    | 50.30  | .80   | <5       | <5       | <5       | <.2      | 151      | 1616     | 60       | 32       | 92       |        |        |  |
|          |        | 47.70 48.50 KPDA, 0.5-1% pyrrhotite.                                                                                                              |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 48.50 49.50 KPDA, 0.5-1% pyrrhotite.                                                                                                              |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 49.50 50.30 KPDA, 0.5-1% pyrrhotite.                                                                                                              |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 50.30    | 53.30  | KOMATIITIC SPINIFEX PERIDOTITE                                                                                                                    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Upper contact sharp 60 degrees.                                                                                                                   | 121044 | 50.30    | 51.30  | 1.00  | 17       | 7        | 11       | <.2      | 133      | 693      | 48       | 24       | 66       |        |        |  |
|          |        | 50.30 50.40 Upper contact, weakly brecciated.                                                                                                     | 121045 | 51.30    | 52.30  | 1.00  | 5        | 8        | 7        | <.2      | 80       | 537      | 80       | 26       | 63       |        |        |  |
|          |        | Matrix medium green, aphanitic, strongly serpentinized, increasingly serpentinized downhole.                                                      | 121046 | 52.30    | 53.30  | 1.00  | 9        | 13       | 10       | <.2      | 241      | 203      | 90       | 31       | 52       |        |        |  |
|          |        | Spinifex distinct, dark green, <7cm random.                                                                                                       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Platy bladed, visible to 52.0m. Slightly magnetic, <0.5% fine specks bronze pyrrhotite, trace fine specks yellow chalcopyrite, disseminated.      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Throughout and concentrated along fractures.                                                                                                      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 50.30 51.30 Bracket KOSX.                                                                                                                         |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 51.30 52.30 KOSX, 0-trace pyrrhotite.                                                                                                             |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 52.30 53.30 Bracket KOSX.                                                                                                                         |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 53.30    | 75.30  | KOMATIITIC PERIDOTITE ADCUMULATE                                                                                                                  |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Upper contact sharp 30 degrees.                                                                                                                   | 121047 | 53.30    | 54.00  | .70   | <5       | <5       | <5       | <.2      | 296      | 971      | 55       | 30       | 71       |        |        |  |
|          |        | Dark greenish grey, very fine grained to aphanitic, weakly serpentinized, 10% patches moderate serpentinization.                                  | 121048 | 54.00    | 55.00  | 1.00  | <5       | <5       | <5       | <.2      | 191      | 1425     | 55       | 33       | 84       |        |        |  |
|          |        | Non magnetic. Trace interstitial mineralization disseminations as fine specks bronze pyrrhotite and minute bright silvery specks pentlandite.     | 121049 | 55.00    | 56.00  | 1.00  | <5       | <5       | <5       | <.2      | 136      | 1669     | 53       | 33       | 91       |        |        |  |
|          |        | Also, rare fine speck bronze pyrrhotite along fractures. RQD 60.                                                                                  | 121050 | 56.00    | 56.00  | .00   | 8        | 70       | 84       | .5       | 1850     | 20100    | 82       | 49       | 399      |        |        |  |
|          |        | 60.00 61.60 Light green, soapy, severely serpentinized and talcose.                                                                               | 121051 | 56.00    | 57.00  | 1.00  | <5       | <5       | <5       | <.2      | 151      | 1704     | 51       | 32       | 90       |        |        |  |
|          |        | 66.00 75.30 Increase in interstitial mineralization as 2-3%. Fine anhedral bronze pyrrhotite, trace specks yellow chalcopyrite, and trace minute. | 121052 | 57.00    | 58.00  | 1.00  | <5       | <5       | <5       | <.2      | 142      | 1472     | 39       | 28       | 72       |        |        |  |
|          |        |                                                                                                                                                   | 121053 | 58.00    | 59.00  | 1.00  | <5       | <5       | <5       | <.2      | 108      | 1792     | 38       | 28       | 84       |        |        |  |
|          |        |                                                                                                                                                   | 121054 | 59.00    | 60.00  | 1.00  | <5       | <5       | <5       | <.2      | 130      | 1766     | 39       | 29       | 87       |        |        |  |
|          |        |                                                                                                                                                   | 121055 | 60.00    | 61.00  | 1.00  | <5       | <5       | <5       | <.2      | 101      | 1507     | 36       | 26       | 75       |        |        |  |
|          |        |                                                                                                                                                   | 121056 | 61.00    | 61.60  | .60   | <5       | <5       | <5       | <.2      | 65       | 706      | 36       | 21       | 42       |        |        |  |
|          |        |                                                                                                                                                   | 121057 | 61.60    | 62.00  | .40   | <5       | <5       | <5       | <.2      | 105      | 1740     | 38       | 29       | 81       |        |        |  |
|          |        |                                                                                                                                                   | 121058 | 62.00    | 63.00  | 1.00  | <5       | <5       | <5       | <.2      | 106      | 1552     | 32       | 27       | 76       |        |        |  |
|          |        |                                                                                                                                                   | 121059 | 63.00    | 64.00  | 1.00  | <5       | <5       | <5       | <.2      | 112      | 1796     | 37       | 29       | 84       |        |        |  |
|          |        |                                                                                                                                                   | 121060 | 64.00    | 65.00  | 1.00  | <5       | <5       | <5       | <.2      | 117      | 1691     | 35       | 30       | 82       |        |        |  |
|          |        |                                                                                                                                                   | 121061 | 65.00    | 66.00  | 1.00  | <5       | <5       | <5       | <.2      | 128      | 1972     | 36       | 31       | 91       |        |        |  |



| From (m) | To (m) | Geology                                             | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |  |
|----------|--------|-----------------------------------------------------|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|--|
| 75.30    | 79.30  | KOMATIITIC SPINIFEX PERIDOTITE                      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Upper contact sharp 50 degrees.                     | 121072 | 75.30    | 75.90  | .60   | <5       | 49       | 125      | <.2      | 975      | 12100    | 33       | 34       | 172      | 1.21   |        |  |
|          |        | Matrix dark green, aphanitic. 25% interval with     | 121073 | 75.90    | 76.80  | .90   | 16       | 100      | 226      | .4       | 1606     | 12400    | 35       | 33       | 168      | 1.24   |        |  |
|          |        | Spinifex; light green, chicken scratch random and   | 121074 | 76.80    | 77.80  | 1.00  | 214      | 182      | 410      | <.2      | 2122     | 22600    | 30       | 28       | 215      | 2.26   |        |  |
|          |        | occasionally slightly oriented at 50 degrees.       | 121075 | 77.80    | 77.80  | .00   | 8        | 78       | 80       | .5       | 2620     | 13400    | 83       | 30       | 206      |        |        |  |
|          |        | Olivine crystals medium green serpentinized with    | 121076 | 77.80    | 78.30  | .50   | 124      | 116      | 308      | .4       | 1715     | 24600    | 21       | 22       | 253      | 2.46   |        |  |
|          |        | light green severely serpentinized alteration       | 121077 | 78.30    | 79.30  | 1.00  | 231      | 62       | 166      | <.2      | 998      | 9943     | 24       | 28       | 194      | 1.01   |        |  |
|          |        | haloes around each crystal.                         |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Pyrrhotite increasing in intensity downhole, from   |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 6-20% as fine disseminations, tending towards net   |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | textured, and with pentlandite as blebs.            |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 75.30 77.80 6-7% pyrrhotite as fine anhedral bronze |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | flecks disseminated throughout.                     |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 77.80 78.30 14% pyrrhotite / pentlandite.           |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 78.30 79.30 20% pyrrhotite / pentlandite.           |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 75.30 75.90 KOSX, 6-7% pyrrhotite/pentlandite.      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 75.90 76.80 KOSX, 6-7% pyrrhotite/pentlandite.      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 76.80 77.80 KOSX, 6-7% pyrrhotite/pentlandite.      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 77.80 Nickel STANDARD 115.                          |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 77.80 78.30 KOSX, 14% pyrrhotite/pentlandite.       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 78.30 79.30 KOSX, 7% pyrrhotite/pentlandite.        |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 79.30    | 91.50  | KOMATIITIC PERIDOTITE ADCUMULATE                    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Upper contact gradational.                          | 121078 | 79.30    | 80.00  | .70   | <5       | 56       | 162      | .4       | 938      | 7347     | 36       | 33       | 154      | .75    |        |  |
|          |        | Dark green, aphanitic, massive, weakly              | 121079 | 80.00    | 80.50  | .50   | <5       | 122      | 271      | .3       | 1958     | 21900    | 32       | 36       | 246      | 2.19   |        |  |
|          |        | serpentinized.                                      | 121080 | 80.50    | 81.00  | .50   | 167      | 153      | 372      | .4       | 3095     | 15000    | 31       | 32       | 211      | 1.50   |        |  |
|          |        | 7-14% Pyrrhotite / pentlandite as medium flecks     | 121081 | 81.00    | 82.00  | 1.00  | 24       | 151      | 400      | .5       | 2524     | 16100    | 32       | 32       | 213      | 1.61   |        |  |
|          |        | bronze disseminated and tending towards net         | 121082 | 82.00    | 83.00  | 1.00  | <5       | 78       | 174      | <.2      | 865      | 21900    | 22       | 27       | 207      | 2.19   |        |  |
|          |        | textured, and as blebs bright silvery / bronze.     | 121083 | 83.00    | 84.00  | 1.00  | <5       | 57       | 96       | <.2      | 273      | 3664     | 25       | 29       | 63       |        |        |  |
|          |        | <3cm disseminated. Pentlandite / pyrrhotite non     | 121084 | 84.00    | 85.00  | 1.00  | <5       | 150      | 403      | <.2      | 192      | 12500    | 33       | 32       | 233      | 1.25   |        |  |
|          |        | magnetic to weakly magnetic, hardness<5. 0-trace    | 121085 | 85.00    | 86.00  | 1.00  | <5       | <5       | <5       | <.2      | 131      | 1746     | 30       | 31       | 60       |        |        |  |
|          |        | fine blebs golden yellow chalcopyrite.              | 121086 | 86.00    | 87.00  | 1.00  | <5       | 26       | 46       | <.2      | 132      | 2427     | 32       | 31       | 86       |        |        |  |
|          |        | RQD 50.                                             | 121087 | 87.00    | 88.00  | 1.00  | <5       | <5       | <5       | <.2      | 188      | 2163     | 56       | 33       | 81       |        |        |  |
|          |        | 84.00 85.00 1cm stringer pyrrhotite / pentlandite,  | 121088 | 88.00    | 89.00  | 1.00  | <5       | 12       | 10       | <.2      | 147      | 2043     | 33       | 28       | 83       |        |        |  |
|          |        | 70 degrees, 5% overall.                             | 121089 | 89.00    | 90.00  | 1.00  | <5       | 10       | 10       | <.2      | 146      | 1479     | 35       | 32       | 75       |        |        |  |
|          |        | 85.00 91.50 3-5% fine disseminations bronze /       | 121090 | 90.00    | 91.00  | 1.00  | <5       | <5       | <5       | <.2      | 183      | 1387     | 36       | 36       | 99       |        |        |  |
|          |        | silvery pyrrhotite / pentlandite,                   | 121091 | 91.00    | 91.50  | .50   | <5       | <5       | <5       | .5       | 133      | 1571     | 29       | 27       | 84       |        |        |  |
|          |        | visual to naked eye, rare bleb.                     |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 79.30 80.00 KOSX, 7% pyrrhotite/pentlandite.        |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 80.00 80.50 KOSX, 14% pyrrhotite/pentlandite.       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 80.50 81.00 KOSX, 10% pyrrhotite/pentlandite.       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 81.00 82.00 KOSX, 10% pyrrhotite/pentlandite.       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 82.00 83.00 KOSX, 10% pyrrhotite/pentlandite.       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 83.00 84.00 KOSX, 5% pyrrhotite/pentlandite.        |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 84.00 85.00 KOSX, 10% pyrrhotite/pentlandite.       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 85.00 86.00 KPDA, 3% pyrrhotite.                    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 86.00 87.00 KPDA, 3% pyrrhotite.                    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 87.00 88.00 KPDA, 3% pyrrhotite.                    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 88.00 89.00 KPDA, 3% pyrrhotite.                    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 89.00 90.00 KPDA, 3% pyrrhotite.                    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 90.00 91.00 KPDA, 3% pyrrhotite.                    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |





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Northing: 5349425.00 DRILL HOLE RECORD Drill Hole: GCL08-61
Easting: 497425.00
Elevation: 295.00 \*\*\* Dip Tests \*\*\* Project: Langmuir Zone

Collar Azi.: 360.0 Depth Azi. Dip Property: Langmuir
Collar Dip: -45.0 14 .5 -46.1 Claim: 4203498
65 3.0 -46.9 Northing: 1+73 N
116 4.9 -47.5 Easting: 0+65 W
152 4.8 -47.8 GPS Northing: 5349425
GPS Easting: `

Hole length: 152.00 Date Started: May 2, 2008
Units: Metric Date completed: May 6, 2008
Core size: NQ Drilled by: Norex
Grid: Metric 2007 Sample type: Cut Core

Materials left: Casing Pulled/Cemented Analyses: PM 30g FA, BM AA
Collar survey: Chained & GPS Lab: Expert
DH Survey method: Reflex Sample series: 118642-118732
Lab report: 22995

Comments: Target 50m depth
Logged by: S. Beauchamp
Date(s) logged: May 7, 2008
Purpose: N/A
Core storage: Hastings Facility Timmins

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Table with columns: From (m), To (m), Geology, Sample, and various chemical elements (L, Au, Pt, Pd, Ag, Cu, Ni, Zn, Pb, Co, Ni, Cu). Rows include geological descriptions like 'OVERBURDEN', 'KOMATIITIC PERIDOTITE ADCUMULATE', and 'KOMATIITIC PERIDOTITE AMYGDALOIDAL' with associated sample numbers and chemical assay results.

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| From (m) | To (m) | Geology                                                                                                                                    | Sample   | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |
|----------|--------|--------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|
|          |        | Amygdaloidal Marker Horizon.                                                                                                               | °118648° | 12.30°   | 13.00° | .70°  | <5°      | 26°      | 21°      | <.2°     | 74°      | 1652°    | 35°      | 30°      | 74°      | °      | °      |
|          |        | Medium emerald green, aphanitic, strongly serpentinized matrix with 10% dark green serpentinite blebs <1cm. Rare stringer of quartz.       | °118649° | 13.00°   | 14.00° | 1.00° | <5°      | <5°      | <5°      | <.2°     | 58°      | 1738°    | 31°      | 25°      | 79°      | °      | °      |
|          |        | Carbonate / calcite. 0.5% pure pistachio green serpentine fracture fillings at 30 degrees.                                                 | °118650° | 14.00°   | 14.00° | .00°  | <5°      | <5°      | <5°      | <.2°     | 13°      | 76°      | 8°       | 1°       | 6°       | °      | °      |
|          |        | Wall rock non magnetic. 0.5-2% pyrrhotite / pentlandite as clusters of clots and blebs <1cm disseminated throughout, and as hairline.      | °118651° | 14.00°   | 15.00° | 1.00° | 19°      | <5°      | <5°      | <.2°     | 61°      | 1735°    | 31°      | 25°      | 82°      | °      | °      |
|          |        | Fracture fillings. Blebs anhedral, non magnetic, hardness <5, bronze pyrrhotite with silvery pentlandite. RQD 60.                          | °118652° | 15.00°   | 16.00° | 1.00° | 14°      | 10°      | <5°      | <.2°     | 54°      | 1678°    | 24°      | 21°      | 75°      | °      | °      |
|          |        | 17.00 18.00 Rubble, 20cm not recovered.                                                                                                    | °118653° | 16.00°   | 17.00° | 1.00° | <5°      | <5°      | <5°      | <.2°     | 54°      | 1813°    | 24°      | 22°      | 74°      | °      | °      |
|          |        | 16.50 2cm quartz carbonate / calcite stringer 20 degrees.                                                                                  | °118654° | 17.00°   | 18.00° | 1.00° | <5°      | <5°      | <5°      | <.2°     | 56°      | 1794°    | 27°      | 21°      | 77°      | °      | °      |
|          |        | 11.30 12.30 KOMATIITIC PERIDOTITE AMYGDALOIDAL, 2% pyrrhotite/pentlandite.                                                                 | °118655° | 18.00°   | 19.00° | 1.00° | <5°      | <5°      | <5°      | <.2°     | 58°      | 1732°    | 24°      | 24°      | 71°      | °      | °      |
|          |        | 12.30 13.00 KOMATIITIC PERIDOTITE AMYGDALOIDAL, 0.5% pyrrhotite/pentlandite.                                                               | °118656° | 19.00°   | 20.00° | 1.00° | <5°      | <5°      | <5°      | <.2°     | 57°      | 1694°    | 24°      | 23°      | 64°      | °      | °      |
|          |        | 13.00 14.00 KOMATIITIC PERIDOTITE AMYGDALOIDAL, 0.5% pyrrhotite/pentlandite.                                                               | °118657° | 20.00°   | 21.00° | 1.00° | <5°      | <5°      | <5°      | <.2°     | 64°      | 1899°    | 31°      | 25°      | 77°      | °      | °      |
|          |        | 14.00 Blank.                                                                                                                               | °118658° | 21.00°   | 22.00° | 1.00° | <5°      | <5°      | <5°      | <.2°     | 56°      | 1876°    | 31°      | 26°      | 80°      | °      | °      |
|          |        | 14.00 15.00 KOMATIITIC PERIDOTITE AMYGDALOIDAL, 0.5% pyrrhotite/pentlandite.                                                               | °118659° | 22.00°   | 22.60° | .60°  | 49°      | 19°      | 15°      | <.2°     | 78°      | 1752°    | 36°      | 32°      | 76°      | °      | °      |
|          |        | 15.00 16.00 KOMATIITIC PERIDOTITE AMYGDALOIDAL, 0.5% pyrrhotite/pentlandite.                                                               |          |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 16.00 17.00 KOMATIITIC PERIDOTITE AMYGDALOIDAL, 0.5% pyrrhotite/pentlandite.                                                               |          |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 17.00 18.00 KOMATIITIC PERIDOTITE AMYGDALOIDAL, 0.5% pyrrhotite/pentlandite, 80cm sample, 20cm ground.                                     |          |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 18.00 19.00 KOMATIITIC PERIDOTITE AMYGDALOIDAL, 0.5% pyrrhotite/pentlandite.                                                               |          |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 19.00 20.00 KOMATIITIC PERIDOTITE AMYGDALOIDAL, 0.5% pyrrhotite/pentlandite.                                                               |          |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 20.00 21.00 KOMATIITIC PERIDOTITE AMYGDALOIDAL, 0.5% pyrrhotite/pentlandite.                                                               |          |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 21.00 22.00 KOMATIITIC PERIDOTITE AMYGDALOIDAL, 0.5% pyrrhotite/pentlandite.                                                               |          |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 22.00 22.60 KOMATIITIC PERIDOTITE AMYGDALOIDAL, 0.5% pyrrhotite/pentlandite.                                                               |          |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 22.60°   | 38.40° | KOMATIITIC PERIDOTITE ADCUMULATE Upper contact sharp and irregular 50-80 degrees.                                                          | °118660° | 22.60°   | 23.60° | 1.00° | <5°      | 15°      | 6°       | <.2°     | 160°     | 879°     | 29°      | 31°      | 73°      | °      | °      |
|          |        | As from 6-0-11.3, except dark greenish grey, less serpentinized.                                                                           | °118661° | 23.60°   | 24.00° | .40°  | <5°      | 11°      | 12°      | <.2°     | 125°     | 324°     | 34°      | 28°      | 53°      | °      | °      |
|          |        | 2% Serpentine / calcite fracture fillings and stringers <1cm at 30 degrees.                                                                | °118662° | 24.00°   | 25.00° | 1.00° | <5°      | <5°      | <5°      | <.2°     | 98°      | 1339°    | 31°      | 28°      | 82°      | °      | °      |
|          |        | 0.5% Pyrrhotite / pentlandite as fine blebs concentrated along fractures. 0-trace minute interstitial specks silvery sulphide, pyrrhotite. | °118663° | 25.00°   | 26.00° | 1.00° | <5°      | <5°      | <5°      | <.2°     | 75°      | 1407°    | 30°      | 29°      | 85°      | °      | °      |
|          |        |                                                                                                                                            | °118664° | 26.00°   | 27.00° | 1.00° | <5°      | <5°      | <5°      | <.2°     | 74°      | 1557°    | 32°      | 27°      | 86°      | °      | °      |
|          |        |                                                                                                                                            | °118665° | 27.00°   | 28.00° | 1.00° | <5°      | <5°      | <5°      | <.2°     | 120°     | 1530°    | 30°      | 32°      | 82°      | °      | °      |
|          |        |                                                                                                                                            | °118666° | 28.00°   | 29.00° | 1.00° | <5°      | <5°      | <5°      | <.2°     | 71°      | 1294°    | 26°      | 25°      | 60°      | °      | °      |
|          |        |                                                                                                                                            | °118667° | 29.00°   | 30.00° | 1.00° | <5°      | 15°      | 16°      | <.2°     | 82°      | 1827°    | 29°      | 29°      | 72°      | °      | °      |

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| From (m) | To (m) | Geology                                                                                                                                                                              | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |
|----------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|
|          |        | 46.00 47.00 KOMATIITIC PERIDOTITE MESOCUMULATE, 3% pyrrhotite/pentlandite.                                                                                                           |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 47.00 48.00 KOMATIITIC PERIDOTITE MESOCUMULATE, 1% pyrrhotite/pentlandite.                                                                                                           |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 48.00    | 59.40  | KOMATIITIC PERIDOTITE MESOCUMULATE<br>Upper contact gradational.                                                                                                                     | 118690 | 48.00    | 49.00  | 1.00  | <5       | <5       | <5       | <.2      | 72       | 1426     | 22       | 20       | 74       |        |        |
|          |        | Very fine grained, massive, medium to light green, soapy, introduction of strong talc alteration. 2% talc stringers up to 1cm, 30-40 degrees.                                        | 118691 | 49.00    | 50.00  | 1.00  | <5       | <5       | <5       | <.2      | 56       | 475      | 45       | 26       | 42       |        |        |
|          |        | Wall rock non magnetic, decrease in mineralization to 1% as fine specks / clots disseminated throughout, RQD 50.                                                                     | 118692 | 50.00    | 51.00  | 1.00  | <5       | <5       | <5       | <.2      | 82       | 1442     | 32       | 22       | 76       |        |        |
|          |        | 53.00 59.40 Decrease in serpentinization. Wall rock fine grained, medium grey, massive.                                                                                              | 118693 | 51.00    | 52.00  | 1.00  | <5       | <5       | <5       | <.2      | 57       | 1349     | 33       | 23       | 74       |        |        |
|          |        | 48.00 49.00 KOMATIITIC PERIDOTITE MESOCUMULATE, 1% pyrrhotite/pentlandite.                                                                                                           | 118694 | 52.00    | 53.00  | 1.00  | <5       | <5       | <5       | <.2      | 66       | 1523     | 36       | 25       | 84       |        |        |
|          |        | 49.00 50.00 KOMATIITIC PERIDOTITE MESOCUMULATE, 1% pyrrhotite/pentlandite.                                                                                                           | 118695 | 53.00    | 54.00  | 1.00  | <5       | <5       | <5       | <.2      | 72       | 1481     | 34       | 25       | 82       |        |        |
|          |        | 50.00 51.00 KOMATIITIC PERIDOTITE MESOCUMULATE, 1% pyrrhotite/pentlandite.                                                                                                           | 118696 | 54.00    | 55.00  | 1.00  | <5       | <5       | <5       | <.2      | 75       | 1504     | 34       | 23       | 81       |        |        |
|          |        | 51.00 52.00 KOMATIITIC PERIDOTITE MESOCUMULATE, 1% pyrrhotite/pentlandite.                                                                                                           | 118697 | 55.00    | 56.00  | 1.00  | <5       | <5       | <5       | <.2      | 68       | 1582     | 33       | 22       | 81       |        |        |
|          |        | 52.00 53.00 KOMATIITIC PERIDOTITE MESOCUMULATE, 1% pyrrhotite/pentlandite.                                                                                                           | 118698 | 56.00    | 57.00  | 1.00  | <5       | 10       | 6        | <.2      | 58       | 1458     | 38       | 23       | 80       |        |        |
|          |        | 53.00 54.00 KOMATIITIC PERIDOTITE MESOCUMULATE, 1% pyrrhotite/pentlandite.                                                                                                           | 118699 | 57.00    | 58.00  | 1.00  | <5       | <5       | <5       | <.2      | 67       | 1445     | 52       | 26       | 82       |        |        |
|          |        | 54.00 55.00 KOMATIITIC PERIDOTITE MESOCUMULATE, 1% pyrrhotite/pentlandite.                                                                                                           | 118700 | 58.00    | 58.00  | .00   | <5       | <5       | <5       | <.2      | 8        | 39       | 4        | 2        | 3        |        |        |
|          |        | 55.00 56.00 KOMATIITIC PERIDOTITE MESOCUMULATE, 1% pyrrhotite/pentlandite.                                                                                                           | 118701 | 58.00    | 59.00  | 1.00  | <5       | 5        | 8        | <.2      | 178      | 1355     | 44       | 26       | 83       |        |        |
|          |        | 56.00 57.00 KOMATIITIC PERIDOTITE MESOCUMULATE, 1% pyrrhotite/pentlandite.                                                                                                           | 118702 | 59.00    | 59.40  | .40   | <5       | 5        | 6        | <.2      | 121      | 1229     | 42       | 26       | 78       |        |        |
|          |        | 57.00 58.00 KOMATIITIC PERIDOTITE MESOCUMULATE, 1% pyrrhotite/pentlandite.                                                                                                           |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 58.00 Blank.                                                                                                                                                                         |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 58.00 59.00 KOMATIITIC PERIDOTITE MESOCUMULATE, 1% pyrrhotite/pentlandite.                                                                                                           |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 59.00 59.40 KOMATIITIC PERIDOTITE MESOCUMULATE, 1% pyrrhotite/pentlandite.                                                                                                           |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 59.40    | 63.70  | KOMATIITIC SPINIFEX PERIDOTITE<br>Upper contact sharp 45 degrees, marked by 1cm gouge. Medium greenish grey, slightly bleached, strong calcite altered, weakly serpentinized matrix. | 118703 | 59.40    | 60.00  | .60   | <5       | 8        | 7        | <.2      | 142      | 751      | 44       | 19       | 64       |        |        |
|          |        | Olivine Spinifex as distinct random 3cm platy bladed. Grades down to 1-2cm random asterisk* like orientation, then back to 5cm platy.                                                | 118704 | 60.00    | 61.00  | 1.00  | <5       | <5       | <5       | <.2      | 142      | 865      | 41       | 19       | 73       |        |        |
|          |        | Wall rock non magnetic, gradual increase in mineralization downhole from 0.5% fine brassy pyrrhotite / pentlandite disseminations.                                                   | 118705 | 61.00    | 62.00  | 1.00  | <5       | 9        | 8        | <.2      | 133      | 756      | 38       | 18       | 68       |        |        |
|          |        |                                                                                                                                                                                      | 118706 | 62.00    | 63.00  | 1.00  | <5       | 5        | 6        | <.2      | 139      | 1080     | 44       | 20       | 79       |        |        |
|          |        |                                                                                                                                                                                      | 118707 | 63.00    | 63.70  | .70   | <5       | <5       | <5       | <.2      | 27       | 1855     | 49       | 16       | 91       |        |        |



| From (m) | To (m) | Geology                                             | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |  |
|----------|--------|-----------------------------------------------------|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|--|
|          |        | pyrrhotite, minute silvery specks interstitial      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | sulphide disseminated throughout, RQD 80.           |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 77.50    | 101.00 | KOMATIITIC PERIDOTITE ADCUMULATE                    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Dark emerald green, very fine grained, massive,     | 118708 | 90.10    | 91.00  | .90   | <5       | <5       | <5       | <.2      | 63       | 504      | 15       | 11       | 31       |        |        |  |
|          |        | strongly serpentinized. 5% stringers calcite /      | 118709 | 91.00    | 92.00  | 1.00  | <5       | <5       | <5       | <.2      | 56       | 1548     | 27       | 24       | 81       |        |        |  |
|          |        | serpentinite <2cm generally 15 degrees.             | 118710 | 92.00    | 93.00  | 1.00  | <5       | <5       | <5       | <.2      | 60       | 1708     | 25       | 22       | 93       |        |        |  |
|          |        | Wall rock slightly magnetic, trace-0.5% pyrrhotite  | 118711 | 93.00    | 94.00  | 1.00  | 55       | <5       | <5       | <.2      | 62       | 1760     | 26       | 23       | 85       |        |        |  |
|          |        | / pentlandite as bronze / silvery blebs             | 118712 | 94.00    | 95.00  | 1.00  | <5       | <5       | <5       | <.2      | 68       | 1700     | 27       | 25       | 87       |        |        |  |
|          |        | concentrated along fractures, RQD 90.               | 118713 | 95.00    | 96.00  | 1.00  | 26       | <5       | <5       | <.2      | 100      | 1339     | 29       | 36       | 77       |        |        |  |
|          |        | 89.20 90.10 Granodiorite; contacts sharp            | 118714 | 96.00    | 97.00  | 1.00  | <5       | <5       | <5       | <.2      | 54       | 1899     | 25       | 32       | 86       |        |        |  |
|          |        | degrees, no chill margins. Medium grey,             | 118715 | 97.00    | 98.00  | 1.00  | 9        | <5       | <5       | <.2      | 54       | 1785     | 24       | 57       | 88       |        |        |  |
|          |        | medium grained, massive, predominantly              | 118716 | 98.00    | 99.00  | 1.00  | <5       | <5       | <5       | <.2      | 50       | 1720     | 22       | 23       | 83       |        |        |  |
|          |        | quartz and.                                         | 118717 | 99.00    | 100.00 | 1.00  | <5       | <5       | <5       | <.2      | 44       | 1519     | 22       | 32       | 76       |        |        |  |
|          |        | White anhedral plagioclase. Non magnetic, barren,   | 118718 | 100.00   | 101.00 | 1.00  | <5       | <5       | <5       | <.2      | 59       | 1539     | 30       | 24       | 79       |        |        |  |
|          |        | RQD 100.                                            |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 90.10 101.00 Increase in mineralization to 0.5-1%   |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | bronze blebs pyrrhotite concentrated                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | along fractures. 5% calcite /                       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | serpentine.                                         |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Stringers 5-20 degrees, with 0.5% hairline fracture |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | fillings non magnetic, silvery / light yellow,      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | hardness <5 of pentlandite / pyrrhotite.            |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Stringers with rusty limonite.                      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 90.10 91.00 KOMATIITIC PERIDOTITE ADCUMULATE,       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 0.5-1% pentlandite/pyrrhotite.                      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 91.00 92.00 KOMATIITIC PERIDOTITE ADCUMULATE,       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 0.5-1% pentlandite/pyrrhotite.                      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 92.00 93.00 KOMATIITIC PERIDOTITE ADCUMULATE,       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 0.5-1% pentlandite/pyrrhotite.                      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 93.00 94.00 KOMATIITIC PERIDOTITE ADCUMULATE,       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 0.5-1% pentlandite/pyrrhotite.                      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 94.00 95.00 KOMATIITIC PERIDOTITE ADCUMULATE,       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 0.5-1% pentlandite/pyrrhotite.                      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 95.00 96.00 KOMATIITIC PERIDOTITE ADCUMULATE,       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 0.5-1% pentlandite/pyrrhotite.                      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 96.00 97.00 KOMATIITIC PERIDOTITE ADCUMULATE,       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 0.5-1% pentlandite/pyrrhotite.                      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 97.00 98.00 KOMATIITIC PERIDOTITE ADCUMULATE,       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 0.5-1% pentlandite/pyrrhotite.                      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 98.00 99.00 KOMATIITIC PERIDOTITE ADCUMULATE,       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 0.5-1% pentlandite/pyrrhotite.                      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 99.00 100.00 KOMATIITIC PERIDOTITE ADCUMULATE,      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 0.5-1% pentlandite/pyrrhotite.                      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 100.00 101.00 KOMATIITIC PERIDOTITE ADCUMULATE,     |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 0.5-1% pentlandite/pyrrhotite.                      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 101.00   | 106.30 | KOMATIITIC PERIDOTITE MESOCUMULATE                  |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Upper contact gradational.                          | 118719 | 101.00   | 102.00 | 1.00  | <5       | <5       | <5       | <.2      | 54       | 1499     | 31       | 25       | 83       |        |        |  |
|          |        | As above.                                           | 118720 | 102.00   | 103.00 | 1.00  | <5       | <5       | <5       | <.2      | 60       | 1384     | 30       | 25       | 80       |        |        |  |
|          |        | Weakly magnetic, 1-5% very fine specks bronze       | 118721 | 103.00   | 104.00 | 1.00  | <5       | 7        | 8        | <.2      | 69       | 1390     | 25       | 26       | 77       |        |        |  |







| From (m) | To (m) | Geology                                                                                                                                     | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |
|----------|--------|---------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|
|          |        | degrees.                                                                                                                                    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 37.10    | 44.00  | KOMATIITIC PERIDOTITE BRECCIA                                                                                                               |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Upper contact 40-55 degrees.                                                                                                                | 118553 | 42.00    | 43.00  | 1.00  | 3        | 3        | 3        | .1       | 120      | 1004     | 25       | 19       | 60       |        |        |
|          |        | Non magnetic, no visible sulphides until 43m, fault gouge 40-55 degrees.                                                                    | 118554 | 43.00    | 44.00  | 1.00  | 3        | 3        | 3        | .1       | 108      | 1174     | 21       | 20       | 76       |        |        |
|          |        | 37.10 37.50 100% KPDM fault gouge at 55 degrees. Light green, fine grained, strongly serpentized / talcose, 5% stringers & boudinaged.      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | White quartz carbonate stringers parallel shearing.                                                                                         |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 37.50 37.90 100% SGA fault gouge 40 degrees, minor Graphite. SGA black, aphanitic, soft, crumbly, charcoal like.                            |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 37.90 41.00 KPDM; fine grained, massive, medium green to grey, strongly talcose, weakly serpentized, limonite on fractures, .               |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | No visible sulphides, non magnetic, 20% gouge pebbles, RQD 30, 1m of core ground and lost.                                                  |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 41.00 43.00 70:30 SGA:KPDM fragments; 50% gouge pebbles, RQD 30.                                                                            |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 43.00 44.00 KPDM; fine grained, massive, medium grey, strongly talcose, weakly serpentized, trace pyrrhotite along fractures, non magnetic. |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 44.00    | 50.00  | KOMATIITIC PERIDOTITE ADCUMULATE                                                                                                            |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Upper contact faulted.                                                                                                                      | 118555 | 44.00    | 45.00  | 1.00  | 3        | 3        | 3        | .1       | 69       | 1708     | 30       | 29       | 87       |        |        |
|          |        | Medium emerald green, aphanitic, massive, strongly serpentized. 1% pistachio green serpentine stringers / fracture fillings <0.5cm, .       | 118556 | 45.00    | 46.00  | 1.00  | 3        | 3        | 3        | .1       | 65       | 1849     | 30       | 26       | 87       |        |        |
|          |        | Various angles.                                                                                                                             | 118557 | 46.00    | 47.00  | 1.00  | 3        | 3        | 3        | .1       | 74       | 1620     | 31       | 26       | 81       |        |        |
|          |        | Non magnetic, 2% fine brassy anhedral blebs of pyrrhotite / pentlandite <3mm concentrated along fractures. Fractures generally 35 degrees.  | 118558 | 47.00    | 48.00  | 1.00  | 3        | 3        | 3        | .1       | 57       | 1759     | 29       | 24       | 82       |        |        |
|          |        | Rare cube of pyrite disseminated, RQD 90.                                                                                                   | 118559 | 48.00    | 49.00  | 1.00  | 3        | 3        | 3        | .1       | 67       | 1702     | 35       | 26       | 81       |        |        |
|          |        | 48.00 50.00 0 5% gouge along fractures of 0-10 degrees, RQD 40.                                                                             | 118560 | 49.00    | 50.00  | 1.00  | 17       | 3        | 9        | .1       | 160      | 1415     | 49       | 30       | 81       |        |        |
| 50.00    | 60.50  | KOMATIITIC PERIDOTITE MESOCUMULATE                                                                                                          |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Upper contact gradational.                                                                                                                  | 118561 | 50.00    | 51.00  | 1.00  | 3        | 3        | 10       | .1       | 64       | 1777     | 33       | 28       | 87       |        |        |
|          |        | Medium green, fine grained, massive, homogenous, weakly serpentized. 2% serpentine stringers <2cm generally 35 degrees.                     | 118562 | 51.00    | 52.00  | 1.00  | 3        | 3        | 7        | .1       | 61       | 1763     | 26       | 23       | 94       |        |        |
|          |        | Non magnetic, overall 5% pyrrhotite / pentlandite as minute brassy interstitial non magnetic specks and as fine blebs up to 2mm.            | 118563 | 52.00    | 53.00  | 1.00  | 3        | 3        | 7        | .1       | 60       | 1800     | 24       | 24       | 90       |        |        |
|          |        | Disseminated throughout, RQD 90.                                                                                                            | 118564 | 53.00    | 54.00  | 1.00  | 13       | 3        | 7        | .1       | 54       | 1886     | 23       | 22       | 85       |        |        |
|          |        | 50.00 51.00 RQD 40, fractures 0-30 degrees.                                                                                                 | 118565 | 54.00    | 55.00  | 1.00  | 78       | 3        | 7        | .1       | 47       | 1921     | 21       | 20       | 80       |        |        |
|          |        |                                                                                                                                             | 118566 | 55.00    | 56.00  | 1.00  | 3        | 3        | 3        | .1       | 59       | 1789     | 26       | 25       | 79       |        |        |
|          |        |                                                                                                                                             | 118567 | 56.00    | 57.00  | 1.00  | 33       | 3        | 3        | .1       | 62       | 1981     | 22       | 22       | 79       |        |        |
|          |        |                                                                                                                                             | 118568 | 57.00    | 58.00  | 1.00  | 3        | 3        | 3        | .1       | 58       | 1888     | 29       | 20       | 80       |        |        |
|          |        |                                                                                                                                             | 118569 | 58.00    | 59.00  | 1.00  | 11       | 3        | 3        | .1       | 64       | 1917     | 21       | 24       | 81       |        |        |
|          |        |                                                                                                                                             | 118570 | 59.00    | 60.00  | 1.00  | 24       | 3        | 3        | .1       | 68       | 1837     | 23       | 27       | 81       |        |        |
|          |        |                                                                                                                                             | 118571 | 60.00    | 60.50  | .50   | 96       | 3        | 3        | .1       | 56       | 1811     | 21       | 22       | 90       |        |        |



| From (m) | To (m) | Geology                                                                                                                                | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |
|----------|--------|----------------------------------------------------------------------------------------------------------------------------------------|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|
| 60.50    | 78.40  | KOMATIITIC PERIDOTITE ADCUMULATE                                                                                                       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Upper contact gradational.                                                                                                             | 118572 | 60.50    | 61.00  | .50   | 55       | 3        | 3        | .1       | 54       | 1849     | 22       | 22       | 84       |        |        |
|          |        | As from 44.0-50.0, 1% rusty hairline fracture fillings of white quartz carbonate at 30 degrees.                                        | 118573 | 61.00    | 62.00  | 1.00  | 3        | 3        | 3        | .1       | 54       | 1901     | 22       | 21       | 86       |        |        |
|          |        | Non magnetic, 2% very fine brassy anhedral non-magnetic specks and fine blebs pyrrhotite <=2mm disseminated throughout, RQD 90.        | 118574 | 62.00    | 63.00  | 1.00  | 39       | 3        | 3        | .1       | 58       | 1563     | 23       | 24       | 70       |        |        |
|          |        | 66.00 74.00 Trace pyrrhotite / pentlandite.                                                                                            | 118575 | 63.00    | 63.00  | .00   | 3        | 38       | 76       | .5       | 2593     | 13400    | 86       | 30       | 225      |        |        |
|          |        | 74.00 78.40 1-2% pyrrhotite as very fine specks disseminated throughout and as fine brassy blebs <=3mm concentrated along fractures.   | 118576 | 63.00    | 64.00  | 1.00  | 9        | 3        | 3        | .1       | 50       | 1882     | 19       | 20       | 87       |        |        |
|          |        | 76.00 78.40 Lower contact with KOSX below. Fine grained, slightly bleached.                                                            | 118577 | 64.00    | 65.00  | 1.00  | 3        | 3        | 3        | .1       | 56       | 1914     | 20       | 21       | 76       |        |        |
|          |        | 63.00 Ni STANDARD 113.                                                                                                                 | 118578 | 65.00    | 66.00  | 1.00  | 3        | 3        | 3        | .1       | 49       | 1776     | 20       | 20       | 75       |        |        |
|          |        |                                                                                                                                        | 118579 | 66.00    | 67.00  | 1.00  | 176      | 3        | 3        | .1       | 56       | 1905     | 20       | 21       | 82       |        |        |
|          |        |                                                                                                                                        | 118580 | 67.00    | 68.00  | 1.00  | 6        | 3        | 3        | .1       | 62       | 1602     | 30       | 23       | 72       |        |        |
|          |        |                                                                                                                                        | 118581 | 68.00    | 69.00  | 1.00  | 6        | 3        | 3        | .1       | 55       | 1772     | 24       | 20       | 83       |        |        |
|          |        |                                                                                                                                        | 118582 | 69.00    | 70.00  | 1.00  | 3        | 3        | 3        | .1       | 54       | 1830     | 21       | 20       | 89       |        |        |
|          |        |                                                                                                                                        | 118583 | 70.00    | 71.00  | 1.00  | 3        | 3        | 3        | .1       | 52       | 1692     | 24       | 22       | 84       |        |        |
|          |        |                                                                                                                                        | 118584 | 71.00    | 72.00  | 1.00  | 3        | 3        | 3        | .1       | 54       | 1833     | 20       | 24       | 90       |        |        |
|          |        |                                                                                                                                        | 118585 | 72.00    | 73.00  | 1.00  | 3        | 3        | 3        | .1       | 64       | 1657     | 21       | 26       | 81       |        |        |
|          |        |                                                                                                                                        | 118586 | 73.00    | 74.00  | 1.00  | 3        | 3        | 3        | .1       | 56       | 1783     | 21       | 21       | 80       |        |        |
|          |        |                                                                                                                                        | 118587 | 74.00    | 75.00  | 1.00  | 3        | 3        | 3        | .1       | 61       | 1675     | 22       | 21       | 79       |        |        |
|          |        |                                                                                                                                        | 118588 | 75.00    | 76.00  | 1.00  | 3        | 3        | 3        | .1       | 86       | 1451     | 24       | 27       | 77       |        |        |
|          |        |                                                                                                                                        | 118589 | 76.00    | 77.00  | 1.00  | 3        | 3        | 3        | .1       | 73       | 1324     | 24       | 25       | 69       |        |        |
|          |        |                                                                                                                                        | 118590 | 77.00    | 78.00  | 1.00  | 3        | 3        | 3        | .1       | 69       | 1452     | 25       | 23       | 81       |        |        |
|          |        |                                                                                                                                        | 118591 | 78.00    | 78.40  | .40   | 3        | 3        | 3        | .1       | 83       | 1489     | 23       | 20       | 80       |        |        |
| 78.40    | 80.40  | KOMATIITIC SPINIFEX PERIDOTITE                                                                                                         |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Upper contact gradational.                                                                                                             | 118592 | 78.40    | 79.40  | 1.00  | 3        | 3        | 3        | .1       | 94       | 700      | 21       | 18       | 67       |        |        |
|          |        | Matrix medium green, aphanitic to fine grained, slightly bleached, strongly serpentized.                                               | 118593 | 79.40    | 80.40  | 1.00  | 3        | 3        | 3        | .1       | 92       | 1009     | 30       | 20       | 75       |        |        |
|          |        | Spinifex; first 10 cm dendritic 3cm length black olivine, grades into green blades of 0.5cm random chicken scratch up to 1cm downhole. |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Non magnetic, 1-2% pyrrhotite as from 74.0-78.4, RQD 90.                                                                               |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 80.00 80.40 Flow Top Breccia; Fragments subangular, <3cm, weakly aligned at 30-50 degrees, trace pyrrhotite, RQD 100.                  |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 80.40    | 81.50  | KOMATIITIC PERIDOTITE MESOCUMULATE                                                                                                     |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Upper contact sharp at 50 degrees.                                                                                                     | 118594 | 80.40    | 81.50  | 1.10  | 3        | 3        | 3        | .1       | 162      | 1216     | 148      | 19       | 91       |        |        |
|          |        | Medium green, slightly bleached, fine grained.                                                                                         |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Non magnetic, 0.5% pyrrhotite, RQD 90.                                                                                                 |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 81.50    | 83.10  | GRAPHITIC ARGILLITE                                                                                                                    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Upper contact sharp at 50 degrees.                                                                                                     | 118595 | 81.50    | 82.50  | 1.00  | 3        | 3        | 3        | .1       | 88       | 508      | 704      | 19       | 55       |        |        |
|          |        | Black, aphanitic, soft, charcoal like, bedding planes 30-50 degrees.                                                                   | 118596 | 82.50    | 83.10  | .60   | 3        | 3        | 3        | .1       | 70       | 563      | 144      | 22       | 83       |        |        |
|          |        | Non magnetic, trace fine grained blebs pyrrhotite and trace hairline fracture fillings very fine pyrite, RQD 20.                       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 83.10    | 86.00  | KOMATIITIC PERIDOTITE MESOCUMULATE                                                                                                     |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Upper contact sharp at 30 degrees.                                                                                                     | 118597 | 83.10    | 84.10  | 1.00  | 3        | 3        | 3        | .1       | 201      | 1328     | 46       | 18       | 80       |        |        |





| From (m) | To (m) | Geology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |
|----------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|
|          |        | Non magnetic, no visible sulphides, RQD 90.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 169.60   | 176.40 | KOMATIITIC PERIDOTITE MESOCUMULATE<br>Upper contact distinct but faint.<br>Dark grey, fine grained, massive, homogenous, very weakly serpentized / talcose. 3% stringers calcite <1cm, various angles.<br>Non magnetic, no visible sulphides, RQD 90.                                                                                                                                                                                                                                                                                                                                                                      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 176.40   | 177.80 | KOMATIITIC PERIDOTITE BRECCIA<br>Upper contact gradational.<br>176.40 177.50 KPDM fragments; strongly serpentized / talcose, strongly sheared at 60 degrees.<br>177.50 177.80 SGA fragments; SGA as from 81.5-83.1, minor Graphite.<br>Non magnetic, no visible sulphides, RQD 40.                                                                                                                                                                                                                                                                                                                                         |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 177.80   | 186.50 | GRANODIORITE<br>Upper contact sharp but broken.<br>Medium grey, medium grained, massive, predominantly quartz / white plagioclase matrix with 10% phenocrysts white anhedral plagioclase.<br>Up to 5mm in diameter, occasionally weakly aligned at 40 degrees.<br>Non magnetic, trace-0.5% pyrite as blebs and cubes <1mm concentrated along fractures and disseminated.<br>Trace anhedral blebs brassy.<br>Pyrrhotite / pentlandite concentrated along fractures.<br>Brittle, fractures at 10, 25 & 40 degrees. RQD 50.                                                                                                   |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 186.50   | 191.50 | KOMATIITIC PERIDOTITE BRECCIA<br>Sharp upper contact 70 degrees.<br>90:10 KPDM:SGA fragments, graphite healed.<br>Non magnetic, trace cubic pyrite <1mm disseminated, RQD 60.<br>0.5% Hairline stringers of pyrite concentrated along and parallel to lower contact.<br>188.90 190.40 SG; upper contact sharp and irregular 30-60 degrees, lower contact broken;<br>Dark grey, very fine grained, massive, homogenous,<br>Hardness 4.5-5, dense, light grey to green gritty silty/chloritic composition. Non magnetic, barren, RQD 100.<br>190.40 191.50 FZ; rubble, 40% gouge, strongly sheared at 30-40 degrees, RQD 10. |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 191.50   | 234.60 | KOMATIITIC PERIDOTITE MESOCUMULATE<br>Dark grey, fine grained, massive, weakly talcose /                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 118640 | 200.00   | 201.00 | 1.00  | 3        | 3        | 3        | .1       | 72       | 1026     | 36       | 24       | 67       |        |        |



Date: 15 Dec, 2008

GOLDEN CHALICE RESOURCES INC

Northing: 5349525.00
Easting: 497375.00
Elevation: 293.95

DRILL HOLE RECORD

Drill Hole: GCL08-59

\*\*\* Dip Tests \*\*\*
Depth Azi. Dip

Project: Langmuir Zone
Property: Langmuir
Claim: 4203498
Northing: 2+85N
Easting: 0+50W
GPS Northing: 5349525
GPS Easting: 497375
Date Started: April 24, 2008
Date completed: April 29, 2008
Drilled by: Norex
Sample type: Cut Core
Analyses: PM 30g FA, BM AA
Lab: Expert
Sample series: 118501-550,108801-817
Lab report: 22996

Collar Azi.: 180.0
Collar Dip: -48.0

Table with 3 columns: Depth, Azi., Dip. Values: 23 180.1 -50.6, 74 182.2 -51.2, 125 184.2 -51.7, 176 186.9 -52.0

Hole length: 176.00
Units: Metric
Core size: NQ
Grid: Metric 2007

Materials left: Casing Pulled/Cemented
Collar survey: Chained & GPS
DH Survey method: Reflex

Comments: Target 60&105m deep
Logged by: S. Beauchamp
Date(s) logged: April 28, 2008
Purpose: N/A
Core storage: Hastings Facility Timmins

Table with columns: From (m), To (m), Geology, Sample, From (m), To (m), L (m), Au (ppb), Pt (ppb), Pd (ppb), Ag (ppm), Cu (ppm), Ni (ppm), Zn (ppm), Pb (ppm), Co (ppm), Cu (%), Ni (%). Rows include OVERBURDEN, KOMATIITIC PERIDOTITE MESOCUMULATE, and KOMATIITIC SPINIFEX PERIDOTITE.

| From (m) | To (m) | Geology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Sample           | From (m)       | To (m)         | L (m)        | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm)   | Cu (ppm)  | Ni (ppm)     | Zn (ppm)  | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |
|----------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------|----------------|--------------|----------|----------|----------|------------|-----------|--------------|-----------|----------|----------|--------|--------|
|          |        | talcose.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                  |                |                |              |          |          |          |            |           |              |           |          |          |        |        |
|          |        | 33.00 35.00 33.0-35.0 pebbles, rubble, 20% gouge, breaks at 35, 40 & 0, RQD 20.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                  |                |                |              |          |          |          |            |           |              |           |          |          |        |        |
| 35.00    | 37.00  | MAFIC DYKE<br>Contacts broken.<br>Medium green, fine grained, massive, homogenous, chloritic, hardness ~4.<br>Non magnetic, weakly sheared at 50 degrees, barren, RQD 95.                                                                                                                                                                                                                                                                                                                                                                                                         |                  |                |                |              |          |          |          |            |           |              |           |          |          |        |        |
| 37.00    | 53.90  | KOMATIITIC PERIDOTITE MESOCUMULATE<br>Upper contact broken and faulted.<br>Medium green, very fine grained, massive, very weakly talcose.<br>Non magnetic, RQD 80 overall.<br>37.00 39.00 Strongly talcose, patches weakly serpentinized, RQD 20.<br>39.00 43.00 Pebbles, 0.5% anhedral blebs brassy pyrrhotite concentrated along fractures of 35 degrees, RQD 0.<br>43.00 54.50 Occasional bleb of brassy pyrrhotite concentrated along fractures, rare fine interstitial pyrrhotite.<br>52.00 53.90 Medium grained, patches of 30% plagioclase, tending towards orthocumulate. | 118501<br>118502 | 39.70<br>52.90 | 40.70<br>53.90 | 1.00<br>1.00 | <5<br><5 | <5<br><5 | <5<br><5 | <.2<br><.2 | 69<br>117 | 1886<br>1102 | 153<br>50 | 24<br>21 | 98<br>88 |        |        |
|          |        | 39.70 40.70 KOMATIITIC PERIDOTITE MESOCUMULATE, 0.5% pyrrhotite.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                  |                |                |              |          |          |          |            |           |              |           |          |          |        |        |
|          |        | 52.90 53.90 KOMATIITIC PERIDOTITE MESOCUMULATE, bracket.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                  |                |                |              |          |          |          |            |           |              |           |          |          |        |        |
| 53.90    | 54.50  | KOMATIITIC SPINIFEX PERIDOTITE<br>Upper contact gradational.<br>Brecciated, graphite healed. Matrix of fragments medium green, fine grained, with faint Spinifex texture. Spinifex dark green random blades.<br>1-3cm Asterisk like. Non magnetic, 0.5% silvery to brassy anhedral blebs pyrrhotite/pentlandite concentrated along fractures with graphite.                                                                                                                                                                                                                       | 118503           | 53.90          | 54.50          | .60          | <5       | <5       | <5       | <.2        | 120       | 1044         | 98        | 18       | 88       |        |        |
|          |        | 53.90 54.50 KOMATIITIC SPINIFEX PERIDOTITE fragments, 0.5% pyrrhotite, graphite.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                  |                |                |              |          |          |          |            |           |              |           |          |          |        |        |
| 54.50    | 62.20  | GRAPHITIC ARGILLITE<br>Upper contact gradational.<br>Brecciated, graphite healed. Fragments black, aphanitic, soft, crumbly, charcoal like.<br>Non magnetic, trace-0.5% pyrrhotite, RQD 10.<br>54.50 55.50 GRAPHITIC ARGILLITE fragments, tr-0.5% pyrrhotite, graphite.                                                                                                                                                                                                                                                                                                           | 118504           | 54.50          | 55.50          | 1.00         | <5       | 24       | 24       | .2         | 127       | 804          | 753       | 27       | 111      |        |        |

| From (m) | To (m) | Geology                                                                                                                                                                           | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |
|----------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|
| 62.20    | 72.80  | KOMATIITIC PERIDOTITE ADCUMULATE                                                                                                                                                  |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Upper contact gradational.                                                                                                                                                        | 118505 | 71.80    | 72.80  | 1.00  | <5       | <5       | <5       | <.2      | 97       | 1398     | 54       | 29       | 88       |        |        |
|          |        | Emerald black, aphanitic to very fine grained, massive, strongly serpentinized. 3% stringers 0.5-2cm serpentine / calcite generally. 30-50 Degrees. Non magnetic, barren, RQD 85. |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 71.80 72.80 KOMATIITIC PERIDOTITE ADCUMULATE, bracket.                                                                                                                            |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 72.80    | 78.00  | KOMATIITIC SPINIFEX PERIDOTITE                                                                                                                                                    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 10cm Brecciated upper contact sharp at 60 degrees, lower contact gradational.                                                                                                     | 118506 | 72.80    | 73.80  | 1.00  | <5       | 8        | 11       | <.2      | 144      | 963      | 41       | 22       | 79       |        |        |
|          |        | Matrix medium green, fine grained, strongly serpentinized. Spinifex dark green, platy bladed up to 10cm.                                                                          | 118507 | 77.00    | 78.00  | 1.00  | <5       | 10       | 11       | <.2      | 63       | 453      | 50       | 19       | 56       |        |        |
|          |        | Non magnetic, 0-trace very specks brassy pyrrhotite concentrated along fractures, RQD 90.                                                                                         |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 72.80 73.80 KOMATIITIC SPINIFEX PERIDOTITE, 0-tr pyrrhotite.                                                                                                                      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 77.00 78.00 KOMATIITIC SPINIFEX PERIDOTITE, 0-tr pyrrhotite.                                                                                                                      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 78.00    | 98.40  | KOMATIITIC PERIDOTITE ADCUMULATE                                                                                                                                                  |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | As above. Non magnetic, RQD 80.                                                                                                                                                   | 118508 | 78.00    | 79.00  | 1.00  | 7        | <5       | <5       | <.2      | 394      | 880      | 45       | 19       | 81       |        |        |
|          |        | 78.0-81.0 0-trace Minute bronze specks interstitial pyrrhotite/pentlandite.                                                                                                       | 118509 | 79.00    | 80.00  | 1.00  | <5       | <5       | <5       | <.2      | 220      | 1091     | 37       | 21       | 84       |        |        |
|          |        | 80.0-81.0 Very slightly brecciated and sheared at 35 degrees. RQD 90.                                                                                                             | 118510 | 80.00    | 81.00  | 1.00  | <5       | 7        | 5        | <.2      | 137      | 743      | 39       | 25       | 67       |        |        |
|          |        | 81.0-93.6 Trace to 4% pyrrhotite / pentlandite as fine, non magnetic, brassy interstitial specks and clots disseminated.                                                          | 118511 | 81.00    | 82.00  | 1.00  | <5       | 8        | 8        | <.2      | 343      | 1111     | 36       | 27       | 93       |        |        |
|          |        | Occasional cube of pyrite up to 3mm, rare bleb of yellow chalcopyrite.                                                                                                            | 118512 | 82.00    | 83.00  | 1.00  | <5       | 16       | 32       | <.2      | 102      | 1812     | 48       | 29       | 92       |        |        |
|          |        | 81.00 84.00 Trace-0.5% pyrrhotite/pentlandite.                                                                                                                                    | 118513 | 83.00    | 84.00  | 1.00  | <5       | 7        | 12       | <.2      | 91       | 2087     | 34       | 26       | 82       |        |        |
|          |        | 84.00 87.00 1-3% pyrrhotite/pentlandite.                                                                                                                                          | 118514 | 84.00    | 85.00  | 1.00  | <5       | 64       | 158      | <.2      | 297      | 6868     | 35       | 29       | 149      | .67    |        |
|          |        | 87.00 88.00 3-4% pyrrhotite/pentlandite.                                                                                                                                          | 118515 | 85.00    | 86.00  | 1.00  | <5       | 70       | 169      | <.2      | 354      | 7203     | 33       | 29       | 141      | .70    |        |
|          |        | 88.00 89.00 1-3% pyrrhotite/pentlandite.                                                                                                                                          | 118516 | 86.00    | 87.00  | 1.00  | <5       | 87       | 217      | .2       | 742      | 11200    | 34       | 29       | 197      | 1.12   |        |
|          |        | 89.00 90.00 1% pyrrhotite/ pentlandite, trace chalcopyrite.                                                                                                                       | 118517 | 87.00    | 88.00  | 1.00  | <5       | 97       | 202      | <.2      | 276      | 7146     | 32       | 30       | 126      | .73    |        |
|          |        | 90.00 93.60 0.5-1% pyrrhotite.                                                                                                                                                    | 118518 | 88.00    | 89.00  | 1.00  | <5       | 13       | 21       | <.2      | 117      | 2217     | 25       | 24       | 87       |        |        |
|          |        | 93.60 98.40 0-trace minute interstitial pyrrhotite / pentlandite.                                                                                                                 | 118519 | 89.00    | 90.00  | 1.00  | <5       | 100      | 202      | <.2      | 196      | 6587     | 23       | 29       | 151      | .63    |        |
|          |        | 78.00 79.00 KOMATIITIC PERIDOTITE ADCUMULATE, trace pyrrhotite.                                                                                                                   | 118520 | 90.00    | 91.00  | 1.00  | <5       | 23       | 33       | <.2      | 106      | 2194     | 20       | 23       | 79       |        |        |
|          |        | 79.00 80.00 KOMATIITIC PERIDOTITE ADCUMULATE, trace pyrrhotite.                                                                                                                   | 118521 | 91.00    | 92.00  | 1.00  | 35       | 12       | 15       | <.2      | 91       | 2248     | 21       | 23       | 73       |        |        |
|          |        | 80.00 81.00 KOMATIITIC PERIDOTITE ADCUMULATE, trace pyrrhotite.                                                                                                                   | 118522 | 92.00    | 93.00  | 1.00  | <5       | 33       | 67       | <.2      | 106      | 3892     | 20       | 22       | 90       |        |        |
|          |        | 81.00 82.00 KOMATIITIC PERIDOTITE ADCUMULATE, tr-0.5% pyrrhotite.                                                                                                                 | 118523 | 93.00    | 93.60  | .60   | <5       | 46       | 57       | <.2      | 65       | 2620     | 21       | 22       | 72       |        |        |
|          |        | 82.00 83.00 KOMATIITIC PERIDOTITE ADCUMULATE,                                                                                                                                     | 118524 | 93.60    | 94.60  | 1.00  | <5       | 11       | 8        | <.2      | 89       | 1477     | 28       | 29       | 81       |        |        |
|          |        |                                                                                                                                                                                   | 118525 | 94.60    | 94.60  | .00   | 13       | 188      | 88       | .8       | 3065     | 6045     | 59       | 31       | 296      |        |        |





| From (m) | To (m) | Geology                                                                  | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |
|----------|--------|--------------------------------------------------------------------------|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|
|          |        | 112.50 113.50 KOMATIITIC PERIDOTITE AMYGDALOIDAL, bracket.               |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 113.50   | 123.00 | KOMATIITIC PERIDOTITE ADCUMULATE                                         |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | As from 62.2-72.8.                                                       | 118527 | 113.50   | 114.50 | 1.00  | <5       | <5       | <5       | <.2      | 93       | 1670     | 43       | 33       | 91       |        |        |
|          |        | Non magnetic, trace pyrrhotite as occasional brassy                      | 118528 | 114.50   | 115.50 | 1.00  | <5       | 10       | 6        | <.2      | 78       | 1921     | 39       | 24       | 102      |        |        |
|          |        | bleb up to 5mm disseminated, one bleb per meter of                       | 118529 | 115.50   | 116.50 | 1.00  | <5       | <5       | <5       | <.2      | 85       | 1676     | 36       | 25       | 96       |        |        |
|          |        | core. Trace minute interstitial.                                         | 118530 | 116.50   | 117.50 | 1.00  | <5       | <5       | <5       | <.2      | 84       | 1785     | 37       | 25       | 99       |        |        |
|          |        | Clusters and disseminations of silvery sulphide,                         | 118531 | 117.50   | 118.50 | 1.00  | <5       | 11       | 13       | <.2      | 87       | 1821     | 41       | 30       | 98       |        |        |
|          |        | RQD 90.                                                                  | 118532 | 118.50   | 119.00 | .50   | <5       | 9        | 14       | <.2      | 81       | 1901     | 41       | 26       | 100      |        |        |
|          |        | 113.50 114.50 KOMATIITIC PERIDOTITE ADCUMULATE, trace pyrrhotite/pyrite. | 118533 | 119.00   | 120.00 | 1.00  | 10       | 12       | 28       | <.2      | 95       | 2291     | 44       | 33       | 120      |        |        |
|          |        | 114.50 115.50 KOMATIITIC PERIDOTITE ADCUMULATE, trace pyrrhotite/pyrite. | 118534 | 120.00   | 121.00 | 1.00  | <5       | <5       | <5       | <.2      | 101      | 1567     | 41       | 27       | 100      |        |        |
|          |        | 115.50 116.50 KOMATIITIC PERIDOTITE ADCUMULATE, trace pyrrhotite/pyrite. | 118535 | 121.00   | 122.00 | 1.00  | <5       | <5       | <5       | <.2      | 89       | 1626     | 50       | 31       | 99       |        |        |
|          |        | 116.50 117.50 KOMATIITIC PERIDOTITE ADCUMULATE, trace pyrrhotite/pyrite. | 118536 | 122.00   | 123.00 | 1.00  | <5       | <5       | <5       | <.2      | 83       | 1555     | 43       | 31       | 95       |        |        |
|          |        | 117.50 118.50 KOMATIITIC PERIDOTITE ADCUMULATE, trace pyrrhotite/pyrite. |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 118.50 119.00 KOMATIITIC PERIDOTITE ADCUMULATE, trace pyrrhotite/pyrite. |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 119.00 120.00 KOMATIITIC PERIDOTITE ADCUMULATE, trace pyrrhotite/pyrite. |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 120.00 121.00 KOMATIITIC PERIDOTITE ADCUMULATE, trace pyrrhotite/pyrite. |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 121.00 122.00 KOMATIITIC PERIDOTITE ADCUMULATE, trace pyrrhotite/pyrite. |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 122.00 123.00 KOMATIITIC PERIDOTITE ADCUMULATE, trace pyrrhotite/pyrite. |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 123.00   | 129.00 | KOMATIITIC PERIDOTITE MESOCUMULATE                                       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Gradational contacts.                                                    | 118537 | 123.00   | 124.00 | 1.00  | <5       | <5       | <5       | <.2      | 100      | 1751     | 51       | 28       | 103      |        |        |
|          |        | Dark greenish grey to dark green, very fine                              | 118538 | 124.00   | 125.00 | 1.00  | <5       | <5       | <5       | <.2      | 106      | 1653     | 46       | 27       | 100      |        |        |
|          |        | grained, massive, homogenous, weakly serpentized.                        | 118539 | 125.00   | 126.00 | 1.00  | <5       | <5       | <5       | <.2      | 126      | 1470     | 40       | 29       | 89       |        |        |
|          |        | No stringers or fracture fillings.                                       | 118540 | 126.00   | 127.00 | 1.00  | <5       | <5       | <5       | <.2      | 137      | 1656     | 41       | 27       | 100      |        |        |
|          |        | Non magnetic, rare minute brassy and silvery speck                       | 118541 | 127.00   | 128.00 | 1.00  | <5       | 8        | 6        | <.2      | 160      | 1212     | 45       | 25       | 91       |        |        |
|          |        | interstitial pyrrhotite / pentlandite, RQD 90.                           | 118542 | 128.00   | 129.00 | 1.00  | <5       | <5       | <5       | <.2      | 154      | 1144     | 43       | 24       | 92       |        |        |
|          |        | 123.00 124.00 KOMATIITIC PERIDOTITE MESOCUMULATE, 0-tr pyrrhotite.       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 124.00 125.00 KOMATIITIC PERIDOTITE MESOCUMULATE, 0-tr pyrrhotite.       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 125.00 126.00 KOMATIITIC PERIDOTITE MESOCUMULATE, 0-tr pyrrhotite.       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 126.00 127.00 KOMATIITIC PERIDOTITE MESOCUMULATE, 0-tr pyrrhotite.       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 127.00 128.00 KOMATIITIC PERIDOTITE MESOCUMULATE, 0-tr pyrrhotite.       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 128.00 129.00 KOMATIITIC PERIDOTITE MESOCUMULATE, 0-tr pyrrhotite.       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |





Date: 15 Dec, 2008

GOLDEN CHALICE RESOURCES INC

Northing: 5349500.00
Easting: 497400.00
Elevation: 293.62

DRILL HOLE RECORD
\*\*\* Dip Tests \*\*\*
Depth Azi. Dip

Drill Hole: GCL08-58
Project: Langmuir Zone
Property: Langmuir
Claim: 4203498
Northing: 2+50 N
Easting: 0+45 W
GPS Northing: 5349500
GPS Easting: 497400
Date Started: April 14, 2008
Date completed: April 15, 2008
Drilled by: Norex
Sample type: Cut Core
Analyses: PM 30g FA, BM AA
Lab: Expert
Sample series: 108709-108775
Lab report: 22884

Collar Azi.: 180.0
Collar Dip: -69.0

Table with 3 columns: Depth, Azi., Dip. Rows: 32 179.4 -69.9, 86 179.7 -69.4, 137 179.7 -69.5, 185 179.6 -69.4

Hole length: 185.00
Units: Metric
Core size: NQ
Grid: Metric 2007

Materials left: Casing Pulled/Cemented
Collar survey: Chained & GPS
DH Survey method: Reflex

Comments: N/A
Logged by: S. Beauchamp
Date(s) logged: April 22, 2008
Purpose:
Core storage: Hastings Facility Timmins

#####

Table with columns: From (m), To (m), Geology, Sample, From (m), To (m), L (m), Au (ppb), Pt (ppb), Pd (ppb), Ag (ppm), Cu (ppm), Ni (ppm), Zn (ppm), Pb (ppm), Co (ppm), Cu (%) Ni (%)

#####



| From (m) | To (m) | Geology                                            | Sample   | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |  |
|----------|--------|----------------------------------------------------|----------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|--|
|          |        | tr-0.5% pyrrhotite.                                |          |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 31.00  | 32.00 KOMATIITIC PERIDOTITE ADCUMULATE,            |          |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | tr-0.5% pyrrhotite.                                |          |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 32.00  | 33.00 KOMATIITIC PERIDOTITE ADCUMULATE,            |          |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | tr-0.5% pyrrhotite.                                |          |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 33.00  | 34.00 KOMATIITIC PERIDOTITE ADCUMULATE,            |          |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | tr-0.5% pyrrhotite.                                |          |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 51.30  | 52.30 Lower contact KOMATIITIC PERIDOTITE          |          |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | ADCUMULATE, 0-tr pyrrhotite.                       |          |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 52.30    | 57.40  | KOMATIITIC PERIDOTITE MESOCUMULATE                 |          |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Upper contact gradational.                         | °108724° | 52.30°   | 53.30° | 1.00° | <5°      | <5°      | <5°      | <.2°     | 65°      | 1765°    | 35°      | 22°      | 94°      |        |        |  |
|          |        | Dark greenish grey, very fine grained, massive,    | °108725° | 56.40°   | 57.40° | 1.00° | <5°      | <5°      | <5°      | .4°      | 78°      | 1193°    | 35°      | 22°      | 81°      |        |        |  |
|          |        | weakly serpentized. 1-3% white qc/calcite          |          |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | stringers generally 1-3cm, various angles.         |          |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Non magnetic, 0-tr pyrrhotite, RQD 60.             |          |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 52.30  | 53.30 Upper contact KOMATIITIC PERIDOTITE          |          |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | MESOCUMULATE, 0-tr pyrrhotite.                     |          |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 56.40  | 57.40 Lower contact KOMATIITIC PERIDOTITE          |          |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | MESOCUMULATE, 0-tr pyrrhotite.                     |          |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 57.40    | 63.70  | KOMATIITIC SPINIFEX PERIDOTITE                     |          |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Upper contact distinct but not measurable.         | °108726° | 57.40°   | 58.40° | 1.00° | <5°      | <5°      | <5°      | <.2°     | 177°     | 853°     | 28°      | 14°      | 67°      |        |        |  |
|          |        | Medium green, pervasively slightly bleached,       | °108727° | 62.70°   | 63.70° | 1.00° | <5°      | <5°      | <5°      | <.2°     | 72°      | 503°     | 58°      | 16°      | 66°      |        |        |  |
|          |        | strongly serpentized, fine grained matrix with     |          |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 20% intervals of faint sporadic Spinifex. Random.  |          |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Asterisk* like orientation. Non magnetic, 0-trace  |          |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | pyrrhotite, RQD 60.                                |          |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 57.40  | 1cm fault gouge at 20 degrees.                     |          |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 61.50  | 63.70 Spinifex pervasive and more                  |          |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | distinctive; as 1-2cm asterisk* like               |          |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | grading to 5cm platy bladed downhole.              |          |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 57.40  | 58.40 Upper contact KOMATIITIC SPINIFEX            |          |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | PERIDOTITE, 0-tr pyrrhotite.                       |          |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 62.70  | 63.70 Lower contact KOMATIITIC SPINIFEX            |          |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | PERIDOTITE, 0-tr pyrrhotite.                       |          |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 63.70    | 67.00  | KOMATIITIC PERIDOTITE MESOCUMULATE                 |          |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Upper contact 40 degrees.                          | °108728° | 63.70°   | 64.70° | 1.00° | <5°      | <5°      | <5°      | .2°      | 73°      | 631°     | 115°     | 21°      | 77°      |        |        |  |
|          |        | Dark grey, fine grained, massive, homogenous, very |          |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | weakly serpentized. No fracture fillings or        |          |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | stringers, no calcite alteration.                  |          |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Non magnetic, 0-trace pyrrhotite, RQD 70.          |          |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 64.00  | 10cm white quartz carbonate / calcite              |          |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | stringer 35 degrees.                               |          |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 63.70  | 64.70 Upper contact KOMATIITIC PERIDOTITE          |          |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | MESOCUMULATE, 0-tr pyrrhotite.                     |          |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 67.00    | 79.80  | KOMATIITIC PERIDOTITE ADCUMULATE                   |          |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Upper contact gradational.                         | °108729° | 72.00°   | 73.00° | 1.00° | <5°      | <5°      | <5°      | <.2°     | 48°      | 1573°    | 43°      | 19°      | 91°      |        |        |  |
|          |        | Dark emerald grey, aphanitic, massive, homogenous, | °108730° | 78.80°   | 79.80° | 1.00° | <5°      | <5°      | <5°      | <.2°     | 78°      | 1468°    | 45°      | 17°      | 90°      |        |        |  |

| From (m) | To (m) | Geology                                                                                                                                                                                                                                                                                                                                                      | Sample                                                             | From (m)                                                    | To (m)                                                      | L (m)                                               | Au (ppb)                               | Pt (ppb)                               | Pd (ppb)                               | Ag (ppm)                               | Cu (ppm)                                 | Ni (ppm)                                              | Zn (ppm)                               | Pb (ppm)                               | Co (ppm)                                | Cu (%) | Ni (%) |  |
|----------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|-----------------------------------------------------|----------------------------------------|----------------------------------------|----------------------------------------|----------------------------------------|------------------------------------------|-------------------------------------------------------|----------------------------------------|----------------------------------------|-----------------------------------------|--------|--------|--|
|          |        | moderately serpentinized.                                                                                                                                                                                                                                                                                                                                    |                                                                    |                                                             |                                                             |                                                     |                                        |                                        |                                        |                                        |                                          |                                                       |                                        |                                        |                                         |        |        |  |
|          |        | Non magnetic, trace very minute specks interstitial pyrrhotite disseminated, RQD 70.                                                                                                                                                                                                                                                                         |                                                                    |                                                             |                                                             |                                                     |                                        |                                        |                                        |                                        |                                          |                                                       |                                        |                                        |                                         |        |        |  |
|          |        | 72.00 73.00 KOMATIITIC PERIDOTITE ADCUMULATE, spot sample, 0-tr pyrrhotite.                                                                                                                                                                                                                                                                                  |                                                                    |                                                             |                                                             |                                                     |                                        |                                        |                                        |                                        |                                          |                                                       |                                        |                                        |                                         |        |        |  |
|          |        | 78.80 79.80 Lower contact KOMATIITIC PERIDOTITE ADCUMULATE, trace pyrrhotite.                                                                                                                                                                                                                                                                                |                                                                    |                                                             |                                                             |                                                     |                                        |                                        |                                        |                                        |                                          |                                                       |                                        |                                        |                                         |        |        |  |
| 79.80    | 87.00  | KOMATIITIC SPINIFEX PERIDOTITE Upper contact sharp and weakly sheared at 40 degrees. Matrix as from 57.4-61.5, with distinctive platy bladed Spinifex from 3-10cm, oriented approximately 30-70 degrees. Non magnetic, trace-0.5% brassy blebs pyrrhotite <1mm concentrated on fractures and disseminated, RQD 60.                                           | 108731                                                             | 79.80                                                       | 80.80                                                       | 1.00                                                | <5                                     | <5                                     | <5                                     | <.2                                    | 118                                      | 496                                                   | 52                                     | 18                                     | 66                                      |        |        |  |
|          |        | 79.80 82.30 SPINIFEX; tr-0.5% brassy blebs pyrrhotite <1mm concentrated on fractures and disseminated, decreases to rare speck downhole.                                                                                                                                                                                                                     |                                                                    |                                                             |                                                             |                                                     |                                        |                                        |                                        |                                        |                                          |                                                       |                                        |                                        |                                         |        |        |  |
|          |        | 82.30 82.90 Massive KPDA; rare speck interstitial pyrrhotite.                                                                                                                                                                                                                                                                                                |                                                                    |                                                             |                                                             |                                                     |                                        |                                        |                                        |                                        |                                          |                                                       |                                        |                                        |                                         |        |        |  |
|          |        | 82.90 84.00 Flow Top Breccia; upper contact 50 degrees. Sub angular KPDA fragments <3cm light emerald green, strongly serpentinized. In a dark grey, aphanitic to very fine grained, moderately serpentinized matrix. Wall rock not magnetic. Trace-0.5% brassy magnetic pyrrhotite as very fine specks and blebs <3mm disseminated. Shearing at 50 degrees. |                                                                    |                                                             |                                                             |                                                     |                                        |                                        |                                        |                                        |                                          |                                                       |                                        |                                        |                                         |        |        |  |
|          |        | 84.00 85.40 Massive KPDA; rare speck interstitial pyrrhotite.                                                                                                                                                                                                                                                                                                |                                                                    |                                                             |                                                             |                                                     |                                        |                                        |                                        |                                        |                                          |                                                       |                                        |                                        |                                         |        |        |  |
|          |        | 85.40 87.00 Flow Top Breccia; as from 82.9-84.0.                                                                                                                                                                                                                                                                                                             |                                                                    |                                                             |                                                             |                                                     |                                        |                                        |                                        |                                        |                                          |                                                       |                                        |                                        |                                         |        |        |  |
|          |        | 79.80 80.80 Upper contact KOMATIITIC SPINIFEX PERIDOTITE, tr-0.5% pyrrhotite.                                                                                                                                                                                                                                                                                |                                                                    |                                                             |                                                             |                                                     |                                        |                                        |                                        |                                        |                                          |                                                       |                                        |                                        |                                         |        |        |  |
| 87.00    | 103.40 | KOMATIITIC PERIDOTITE ADCUMULATE Dark grey to dark greenish grey, aphanitic to very fine grained, massive, weakly serpentinized. 3% white quartz carbonate / calcite /. Serpentine stringers <1cm generally 40 degrees. Non magnetic, trace pyrrhotite as very fine brassy specks concentrated on fractures and disseminated throughout, RQD 60.             | 108732<br>108733<br>108734<br>108735<br>108736<br>108737<br>108738 | 89.00<br>90.00<br>91.00<br>92.00<br>92.00<br>93.00<br>94.00 | 90.00<br>91.00<br>92.00<br>93.00<br>94.00<br>95.00<br>96.00 | 1.00<br>1.00<br>1.00<br>.00<br>1.00<br>1.00<br>1.00 | <5<br><5<br><5<br>10<br><5<br><5<br><5 | <5<br><5<br><5<br>74<br><5<br><5<br><5 | <5<br><5<br><5<br>88<br><5<br><5<br><5 | .4<br>.2<br>.3<br>.8<br>.2<br>.2<br>.3 | 42<br>54<br>55<br>1906<br>63<br>62<br>48 | 1522<br>1438<br>1730<br>19700<br>1898<br>1696<br>1829 | 40<br>27<br>30<br>87<br>33<br>32<br>34 | 19<br>13<br>15<br>52<br>19<br>18<br>17 | 85<br>72<br>85<br>401<br>95<br>89<br>93 |        |        |  |
|          |        | 89.00 90.00 KOMATIITIC PERIDOTITE ADCUMULATE, trace pyrrhotite.                                                                                                                                                                                                                                                                                              | 108739                                                             | 95.00                                                       | 96.00                                                       | 1.00                                                | <5                                     | <5                                     | <5                                     | .3                                     | 44                                       | 1648                                                  | 36                                     | 17                                     | 84                                      |        |        |  |
|          |        | 90.00 91.00 KOMATIITIC PERIDOTITE ADCUMULATE, trace pyrrhotite.                                                                                                                                                                                                                                                                                              | 108740<br>108741<br>108742                                         | 96.00<br>97.00<br>98.00                                     | 97.00<br>98.00<br>99.00                                     | 1.00<br>1.00<br>1.00                                | <5<br><5<br><5                         | <5<br><5<br><5                         | <5<br><5<br><5                         | <.2<br><.2<br><.2                      | 50<br>51<br>54                           | 1482<br>1611<br>1335                                  | 36<br>42<br>40                         | 19<br>22<br>23                         | 87<br>101<br>82                         |        |        |  |













o Northing: 5349500.00 DRILL HOLE RECORD Drill Hole: GCL08-57

o Easting: 497400.00

o Elevation: 293.62 \*\*\* Dip Tests \*\*\* Project: Langmuir Zone

o Depth Azi. Dip Property: Langmuir

o Collar Azi.: 180.0 35 179.6 -44.4 Claim: 4203498

o Collar Dip: -45.0 86 180.7 -44.4 Northing: 2+50 N

o 134 180.3 -44.4 Easting: 0+45 W

o Hole length: 134.00 GPS Northing: 5349500

o Units: Metric GPS Easting: 497400

o Core size: NQ Date Started: April 12, 2008

o Grid: Metric 2007 Date completed: April 13, 2008

o Materials left: Casing Pulled/Cemented Drilled by: Norex

o Collar survey: Chained & GPS Sample type: Cut Core

o DH Survey method: Reflex Analyses: PM 30g FA, BM AA

o Lab: Expert

o Comments: N/A Sample series: 108633-108708

o Logged by: S. Beauchamp Lab report: 23055

o Date(s) logged: April 17, 2008

o Purpose: N/A

o Core storage: Hastings Facility Timmins

o

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o From To Geology Sample From To L Au Pt Pd Ag Cu Ni Zn Pb Co Cu(%) Ni(%)

o (m) (m) (m) (m) (m) (m) (m) ppb ppb ppb ppm ppm ppm ppm % %

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o .00 21.00 OVERBURDEN

o NW Casing.

o 21.00 33.20 KOMATIITIC PERIDOTITE ADCUMULATE

o Black to emerald black, aphanitic to very fine

o grained, massive, moderately to strongly

o serpentized. 30% interval very fine grained,

o tending.

o Towards KPDM. 5% white and pistachio green quartz

o carbonate/serpentine/minor calcite stringers, 1cm

o wide and banded, up to 5cm, 20-60.

o Degrees. Wall rock not calcite altered.

o Non magnetic, trace-0.5% fine grained blebs

o anhedral brassy pyrrhotite concentrated along

o fractures and minute interstitial disseminations.

o Pyrrhotite not magnetic. RQD 80.

o 31.10 Single very fine speck of chalcopyrite

o with pyrrhotite.

o 31.20 32.20 Fine grained, massive, strongly talcose

o and serpentized KPDM.

o 29.20 30.20 KOMATIITIC PERIDOTITE ADCUMULATE,

o tr-0.5% pyrrhotite.

o 30.20 31.20 KOMATIITIC PERIDOTITE ADCUMULATE,

o tr-0.5% pyrrhotite.

o 31.20 32.20 KOMATIITIC PERIDOTITE ADCUMULATE,

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| From (m) | To (m) | Geology                                                                                                                                                                                                                                           | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |  |
|----------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|--|
|          |        | RQD 50, core brittle and fractured with ~2% limonite on fractures, various angles, generally at 0, 30 & 80 degrees.                                                                                                                               |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 43.80 44.30 SGA; contacts sharp at 50/60 degrees, parallel shearing. Limonite on fractures. Non magnetic, trace pyrrhotite / pentlandite.                                                                                                         |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 37.40 38.40 KOMATIITIC PERIDOTITE MESOCUMULATE, trace pyrrhotite.                                                                                                                                                                                 |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 38.40 39.40 KOMATIITIC PERIDOTITE MESOCUMULATE, trace pyrrhotite, trace chalcopyrite.                                                                                                                                                             |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 45.50    | 75.20  | KOMATIITIC PERIDOTITE ADCUMULATE                                                                                                                                                                                                                  |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Upper contact distinct but immeasurable, marked by sharp decrease in grain size and increase in serpentinization.                                                                                                                                 | 108644 | 50.00    | 51.00  | 1.00  | <5       | <5       | <5       | <.2      | 80       | 1597     | 31       | 27       | 85       |        |        |  |
|          |        | Dark greenish grey, aphanitic to very fine grained, massive, strongly serpentinized. Less than 0.5% fracture fillings pure pistachio.                                                                                                             | 108645 | 51.00    | 52.00  | 1.00  | 27       | <5       | <5       | .3       | 79       | 1512     | 36       | 30       | 90       |        |        |  |
|          |        | Green serpentine 35-50 degrees.                                                                                                                                                                                                                   | 108646 | 52.00    | 53.00  | 1.00  | 14       | <5       | <5       | .3       | 78       | 1591     | 26       | 26       | 84       |        |        |  |
|          |        | Non magnetic, trace brassy pyrrhotite as anhedral blebs concentrated along fractures and as very fine specks disseminated, increasing in abundance downhole. Rare very fine speck chalcopyrite. RQD 90 until 58m. 58-61m RQD 50, then 70 overall. | 108647 | 53.00    | 54.00  | 1.00  | 14       | <5       | <5       | .4       | 81       | 1608     | 27       | 27       | 86       |        |        |  |
|          |        | Trace pyrrhotite / pentlandite.                                                                                                                                                                                                                   | 108648 | 54.00    | 55.00  | 1.00  | <5       | <5       | <5       | <.2      | 88       | 1528     | 25       | 27       | 77       |        |        |  |
|          |        | Weakly sheared 55-60 degrees, 1-2cm boudinaged stringers of talc parallel shearing, minor gouge, 50% rubble.                                                                                                                                      | 108649 | 55.00    | 56.00  | 1.00  | <5       | 68       | 140      | <.2      | 122      | 3436     | 25       | 27       | 111      |        |        |  |
|          |        | Sudden sharp increase in pyrrhotite / pentlandite 3-5%, still brassy colour. Both wall rock and pyrrhotite non to slightly magnetic.                                                                                                              | 108650 | 56.00    | 56.00  | .00   | <5       | 26       | 24       | .3       | 132      | 120      | 19       | 18       | 20       |        |        |  |
|          |        | 58.70 60.20 3-5% pentlandite / pyrrhotite interstitial disseminations.                                                                                                                                                                            | 108651 | 56.00    | 57.00  | 1.00  | <5       | 50       | 82       | .3       | 128      | 3116     | 25       | 27       | 93       |        |        |  |
|          |        | 0.5-2% pyrrhotite/ pentlandite, trace chalcopyrite.                                                                                                                                                                                               | 108652 | 57.00    | 58.00  | 1.00  | <5       | 37       | 58       | <.2      | 83       | 2688     | 24       | 27       | 85       |        |        |  |
|          |        | 63.00 64.00 3-5% pentlandite / pyrrhotite interstitial disseminations, trace chalcopyrite.                                                                                                                                                        | 108653 | 58.00    | 58.70  | .70   | <5       | 16       | 27       | .2       | 91       | 1743     | 26       | 31       | 60       |        |        |  |
|          |        | 7-10% pentlandite / pyrrhotite as fine irregular blebs to small patches.                                                                                                                                                                          | 108654 | 58.70    | 59.20  | .50   | <5       | 116      | 245      | .4       | 900      | 22500    | 28       | 36       | 278      | 2.25   |        |  |
|          |        | 3-5%, same as above.                                                                                                                                                                                                                              | 108655 | 59.20    | 60.20  | 1.00  | 64       | 77       | 170      | 1.2      | 3331     | 17000    | 39       | 38       | 241      | 1.70   |        |  |
|          |        | Pebbles, RQD 0.                                                                                                                                                                                                                                   | 108656 | 60.20    | 61.00  | .80   | <5       | 14       | 30       | 1.3      | 3336     | 9300     | 46       | 36       | 213      | .93    |        |  |
|          |        | 0-trace minute specks pyrrhotite / pentlandite, wall rock non magnetic. Increase in serpentinization downhole.                                                                                                                                    | 108657 | 61.00    | 62.00  | 1.00  | <5       | 49       | 123      | .8       | 1050     | 12700    | 35       | 41       | 257      | 1.27   |        |  |
|          |        | 50.00 51.00 KOMATIITIC PERIDOTITE ADCUMULATE, tr-0.5% pyrrhotite, trace chalcopyrite.                                                                                                                                                             | 108658 | 62.00    | 63.00  | 1.00  | 49       | 55       | 119      | .6       | 1142     | 11500    | 30       | 36       | 200      | 1.15   |        |  |
|          |        | 51.00 52.00 KOMATIITIC PERIDOTITE ADCUMULATE, tr-0.5% pyrrhotite.                                                                                                                                                                                 | 108659 | 63.00    | 64.00  | 1.00  | 9        | 107      | 259      | 1.1      | 2904     | 18600    | 48       | 37       | 287      | 1.86   |        |  |
|          |        |                                                                                                                                                                                                                                                   | 108660 | 64.00    | 65.00  | 1.00  | 10       | 153      | 402      | .7       | 1841     | 31800    | 71       | 37       | 522      | 3.18   |        |  |
|          |        |                                                                                                                                                                                                                                                   | 108661 | 65.00    | 66.00  | 1.00  | <5       | 121      | 267      | .4       | 899      | 15700    | 25       | 33       | 259      | 1.57   |        |  |
|          |        |                                                                                                                                                                                                                                                   | 108662 | 66.00    | 66.50  | .50   | <5       | 175      | 530      | <.2      | 140      | 11400    | 24       | 29       | 188      | 1.14   |        |  |
|          |        |                                                                                                                                                                                                                                                   | 108663 | 66.50    | 67.50  | 1.00  | <5       | 12       | 13       | <.2      | 78       | 1543     | 25       | 31       | 65       |        |        |  |
|          |        |                                                                                                                                                                                                                                                   | 108664 | 67.50    | 68.50  | 1.00  | <5       | 8        | 7        | .2       | 61       | 1398     | 22       | 24       | 70       |        |        |  |
|          |        |                                                                                                                                                                                                                                                   | 108665 | 68.50    | 69.50  | 1.00  | <5       | <5       | <5       | .3       | 62       | 1123     | 26       | 27       | 67       |        |        |  |
|          |        |                                                                                                                                                                                                                                                   | 108666 | 69.50    | 70.50  | 1.00  | <5       | <5       | <5       | <.2      | 72       | 1326     | 26       | 28       | 78       |        |        |  |
|          |        |                                                                                                                                                                                                                                                   | 108667 | 70.50    | 71.50  | 1.00  | <5       | <5       | <5       | <.2      | 89       | 1239     | 28       | 32       | 80       |        |        |  |
|          |        |                                                                                                                                                                                                                                                   | 108668 | 71.50    | 72.50  | 1.00  | <5       | <5       | <5       | .3       | 88       | 1284     | 28       | 32       | 84       |        |        |  |
|          |        |                                                                                                                                                                                                                                                   | 108669 | 72.50    | 73.50  | 1.00  | <5       | <5       | <5       | .3       | 221      | 1318     | 37       | 40       | 95       |        |        |  |
|          |        |                                                                                                                                                                                                                                                   | 108670 | 73.50    | 74.50  | 1.00  | <5       | 15       | 5        | <.2      | 90       | 1367     | 27       | 33       | 80       |        |        |  |
|          |        |                                                                                                                                                                                                                                                   | 108671 | 74.50    | 75.20  | .70   | <5       | <5       | <5       | .2       | 87       | 1616     | 21       | 30       | 78       |        |        |  |







| From (m) | To (m) | Geology                                                                                                                   | Sample      | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |  |
|----------|--------|---------------------------------------------------------------------------------------------------------------------------|-------------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|--|
|          |        | tr-0.5% pyrrhotite.                                                                                                       |             |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 88.00  | 89.00 KOMATIITIC PERIDOTITE                                                                                               | ADCUMULATE, |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | tr-0.5% pyrrhotite.                                                                                                       |             |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 89.00  | 90.00 KOMATIITIC PERIDOTITE                                                                                               | ADCUMULATE, |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | tr-0.5% pyrrhotite.                                                                                                       |             |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 90.00  | 91.00 KOMATIITIC PERIDOTITE                                                                                               | ADCUMULATE, |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | tr-0.5% pyrrhotite.                                                                                                       |             |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 91.00  | 92.00 KOMATIITIC PERIDOTITE                                                                                               | ADCUMULATE, |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | tr-0.5% pyrrhotite.                                                                                                       |             |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 92.00  | 93.00 KOMATIITIC PERIDOTITE                                                                                               | ADCUMULATE, |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | tr-0.5% pyrrhotite.                                                                                                       |             |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 93.00  | 94.00 KOMATIITIC PERIDOTITE                                                                                               | ADCUMULATE, |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | tr-0.5% pyrrhotite.                                                                                                       |             |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 94.00  | 95.00 KOMATIITIC PERIDOTITE                                                                                               | ADCUMULATE, |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | tr-0.5% pyrrhotite.                                                                                                       |             |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 95.00  | 96.00 KOMATIITIC PERIDOTITE                                                                                               | ADCUMULATE, |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | tr-0.5% pyrrhotite.                                                                                                       |             |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 96.00  | 97.10 KOMATIITIC PERIDOTITE                                                                                               | ADCUMULATE, |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | tr-0.5% pyrrhotite.                                                                                                       |             |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 97.10  | 98.20 KOMATIITIC PERIDOTITE                                                                                               | ADCUMULATE, |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | tr-0.5% pyrrhotite.                                                                                                       |             |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 98.20    | 103.00 | KOMATIITIC SPINIFEX PERIDOTITE                                                                                            |             |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Upper contact 30 degrees.                                                                                                 | 108696      | 98.20    | 99.20  | 1.00  | <5       | 9        | 17       | <.2      | 61       | 633      | 43       | 27       | 65       |        |        |  |
|          |        | 98.20 99.20 Upper contact area brecciated and graphite healed. Matrix medium greenish grey, strongly serpentized.         |             |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Spinifex in fragments very faint and not distinct, 1-2cm random asterisk* like orientation.                               |             |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Non magnetic, trace-0.5% blebs pyrrhotite / pentlandite <0.5cm disseminated, sheared at 30 degrees, RQD 50.               |             |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 98.20  | 99.20 KOMATIITIC PERIDOTITE BRECCIA to KOMATIITIC SPINIFEX PERIDOTITE fragments, tr-0.5% pyrrhotite.                      |             |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 103.00   | 117.00 | GRAPHITIC ARGILLITE                                                                                                       |             |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Contacts gradational.                                                                                                     | 108697      | 111.00   | 112.00 | 1.00  | <5       | <5       | <5       | .3       | 278      | 464      | 2953     | 107      | 102      |        |        |  |
|          |        | Brecciated SGA, graphite healed. Non magnetic wall rock with magnetic pyrrhotite. RQD 50.                                 | 108698      | 112.00   | 113.00 | 1.00  | <5       | <5       | <5       | .5       | 399      | 470      | 5288     | 175      | 116      | .51    |        |  |
|          |        | 103.00 111.00 Trace-0.5% blebs pyrrhotite / pentlandite, slightly magnetic.                                               | 108699      | 113.00   | 113.00 | .00   | <5       | <5       | <5       | <.2      | 128      | 63       | 56       | 18       | 19       |        |        |  |
|          |        | 106.00 107.00 50cm core recovered, 50 cm ground.                                                                          | 108700      | 113.00   | 114.00 | 1.00  | 12       | 34       | 44       | .6       | 518      | 501      | 4081     | 117      | 145      |        |        |  |
|          |        | 111.00 117.00 2-6% vuggy blebs slightly magnetic pyrrhotite / pentlandite, 1-6cm diameter, with cubic pyrite <1mm inside. | 108701      | 114.00   | 115.00 | 1.00  | <5       | <5       | <5       | .8       | 570      | 475      | 4476     | 136      | 122      |        |        |  |
|          |        | 111.00 112.00 KOMATIITIC PERIDOTITE BRECCIA to GRAPHITIC ARGILLITE fragments, 2-6% pyrite(with trace pyrrhotite).         | 108702      | 115.00   | 116.00 | 1.00  | <5       | <5       | <5       | .6       | 808      | 605      | 5083     | 101      | 159      | .49    |        |  |
|          |        | 112.00 113.00 KOMATIITIC PERIDOTITE BRECCIA to                                                                            | 108703      | 116.00   | 117.00 | 1.00  | 8        | <5       | <5       | .3       | 165      | 649      | 1912     | 74       | 92       |        |        |  |



Date: 15 Dec, 2008

GOLDEN CHALICE RESOURCES INC

Northing: 5349485.00
Easting: 497450.00
Elevation: 293.57

DRILL HOLE RECORD

Drill Hole: GCL08-56

Table with 3 columns: Depth, Azi., Dip. Values include 86, 186.0, -70.5; 137, 186.4, -70.5; 186, 184.7, -70.3

Project: Langmuir Zone
Property: Langmuir
Claim: 4203498
Northing: 2+10 N
Easting: 0+10 W
GPS Northing: 5349485
GPS Easting: 497450
Date Started: April 10, 2008
Date completed: April 12, 2008
Drilled by: Norex
Sample type: Cut Core
Analyses: PM 30g FA, BM AA
Lab: Expert
Sample series: 108555-108632
Lab report: 22274

Collar Azi.: 180.0
Collar Dip: -70.0

Hole length: 188.00
Units: Metric
Core size: NQ
Grid: Metric 2007

Materials left: Casing Pulled/Cemented
Collar survey: Chained & GPS.
DH Survey method: Reflex

Comments: N/A
Logged by: S. Beauchamp
Date(s) logged: April 14, 2008
Purpose: N/A
Core storage: Hastings Facility Timmins

Table with columns: From (m), To (m), Geology, Sample, From (m), To (m), L (m), Au (ppb), Pt (ppb), Pd (ppb), Ag (ppm), Cu (ppm), Ni (ppm), Zn (ppm), Pb (ppm), Co (ppm), Cu (%), Ni (%). Rows include OVERBURDEN, KOMATIITIC PERIDOTITE MESOCUMULATE, and various geological descriptions with associated sample IDs and analytical data.

| From (m) | To (m) | Geology                                                                                                                                        | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |  |
|----------|--------|------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|--|
|          |        | tr-0.5% pyrrhotite.                                                                                                                            |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 31.00  | KOMATIITIC PERIDOTITE MESOCUMULATE, tr-0.5% pyrrhotite.                                                                                        |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 37.60  | KOMATIITIC PERIDOTITE MESOCUMULATE, lower contact with FAULT ZONE.                                                                             |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 38.60  | KOMATIITIC PERIDOTITE MESOCUMULATE, FAULT ZONE, 2% limonite, no visible sulphides.                                                             |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 44.00  | KOMATIITIC PERIDOTITE MESOCUMULATE, tr-0.5% pyrrhotite.                                                                                        |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 45.00  | KOMATIITIC PERIDOTITE MESOCUMULATE, tr-0.5% pyrrhotite.                                                                                        |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 46.00  | KOMATIITIC PERIDOTITE MESOCUMULATE, tr-0.5% pyrrhotite.                                                                                        |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 62.00    | 96.30  | KOMATIITIC PERIDOTITE ADCUMULATE                                                                                                               |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Upper contact gradational.                                                                                                                     | 108563 | 77.00    | 78.00  | 1.00  | <5       | <5       | <5       | <.2      | 125      | 1522     | 30       | 15       | 52       |        |        |  |
|          |        | Dark grey to black, aphanitic, wkly serpentine, non-wkly talcose. 1% white/pistachio green calc/serpentine stringers generally 1cm, 30-50 deg. | 108564 | 78.00    | 79.00  | 1.00  | <5       | <5       | <5       | <.2      | 134      | 1640     | 29       | 17       | 55       |        |        |  |
|          |        | Non-magnetic, rare speck brassy pyrrhotite, RQD 90.                                                                                            | 108565 | 79.00    | 80.00  | 1.00  | <5       | <5       | <5       | <.2      | 132      | 1681     | 27       | 15       | 55       |        |        |  |
|          |        | Intro mod-strong serpentine, wall rock emerald black, also intro weak magnetism with increase pyrrhotite from 0.5 up to 4%. RQD 80.            | 108566 | 80.00    | 81.00  | 1.00  | <5       | <5       | <5       | <.2      | 144      | 1632     | 26       | 15       | 54       |        |        |  |
|          |        | 3cm (2%) breccia stringer brassy pyrrhotite/trace very fine blebs chalcopyrite 60 degree, 2% very fine pyrrhotite disseminated throughout.     | 108567 | 81.00    | 82.00  | 1.00  | <5       | <5       | <5       | <.2      | 158      | 1618     | 28       | 17       | 54       |        |        |  |
|          |        |                                                                                                                                                | 108568 | 82.00    | 83.00  | 1.00  | <5       | <5       | <5       | <.2      | 132      | 1699     | 28       | 16       | 53       |        |        |  |
|          |        |                                                                                                                                                | 108569 | 83.00    | 84.00  | 1.00  | <5       | <5       | <5       | <.2      | 134      | 1803     | 37       | 17       | 55       |        |        |  |
|          |        |                                                                                                                                                | 108570 | 84.00    | 85.00  | 1.00  | 57       | <5       | <5       | <.2      | 160      | 1756     | 24       | 16       | 55       |        |        |  |
|          |        |                                                                                                                                                | 108571 | 85.00    | 86.00  | 1.00  | 6        | 9        | <5       | <.2      | 159      | 1850     | 24       | 16       | 56       |        |        |  |
|          |        |                                                                                                                                                | 108572 | 86.00    | 87.00  | 1.00  | <5       | <5       | <5       | <.2      | 134      | 1842     | 23       | 18       | 54       |        |        |  |
|          |        |                                                                                                                                                | 108573 | 87.00    | 88.00  | 1.00  | 11       | <5       | <5       | <.2      | 157      | 1798     | 22       | 18       | 51       |        |        |  |
|          |        |                                                                                                                                                | 108574 | 88.00    | 89.00  | 1.00  | 52       | <5       | <5       | <.2      | 156      | 1832     | 23       | 17       | 52       |        |        |  |
|          |        |                                                                                                                                                | 108575 | 89.00    | 89.00  | .00   | 20       | 188      | 92       | .7       | 2946     | 6100     | 57       | 28       | 291      |        |        |  |
|          | 77.00  | KOMATIITIC PERIDOTITE ADCUMULATE, trace pyrrhotite.                                                                                            | 108576 | 89.00    | 90.00  | 1.00  | 1300     | 7        | <5       | .7       | 185      | 1705     | 47       | 24       | 51       |        |        |  |
|          |        |                                                                                                                                                | 108577 | 90.00    | 91.00  | 1.00  | <5       | 36       | 81       | <.2      | 179      | 2447     | 28       | 16       | 45       |        |        |  |
|          | 78.00  | KOMATIITIC PERIDOTITE ADCUMULATE, trace pyrrhotite.                                                                                            | 108578 | 91.00    | 92.00  | 1.00  | 11       | 101      | 368      | <.2      | 320      | 10900    | 25       | 17       | 64       | 1.09   |        |  |
|          |        |                                                                                                                                                | 108579 | 92.00    | 93.00  | 1.00  | 11       | 66       | 155      | <.2      | 270      | 3653     | 29       | 20       | 55       |        |        |  |
|          | 79.00  | KOMATIITIC PERIDOTITE ADCUMULATE, trace pyrrhotite.                                                                                            | 108580 | 93.00    | 94.00  | 1.00  | 11       | 238      | 775      | <.2      | 421      | 19800    | 27       | 18       | 86       | 1.98   |        |  |
|          |        |                                                                                                                                                | 108581 | 94.00    | 95.00  | 1.00  | <5       | 165      | 422      | <.2      | 622      | 16100    | 32       | 19       | 73       | 1.61   |        |  |
|          | 80.00  | KOMATIITIC PERIDOTITE ADCUMULATE, trace pyrrhotite.                                                                                            | 108582 | 95.00    | 95.50  | .50   | <5       | 254      | 690      | <.2      | 1069     | 26700    | 40       | 20       | 92       | 2.67   |        |  |
|          |        |                                                                                                                                                | 108583 | 95.50    | 96.30  | .80   | <5       | 197      | 490      | .4       | 2743     | 22700    | 41       | 20       | 91       | 2.27   |        |  |
|          | 81.00  | KOMATIITIC PERIDOTITE ADCUMULATE, trace pyrrhotite.                                                                                            |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 82.00  | KOMATIITIC PERIDOTITE ADCUMULATE, trace pyrrhotite.                                                                                            |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 83.00  | KOMATIITIC PERIDOTITE ADCUMULATE, trace pyrrhotite.                                                                                            |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 84.00  | KOMATIITIC PERIDOTITE ADCUMULATE, trace pyrrhotite.                                                                                            |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 85.00  | KOMATIITIC PERIDOTITE ADCUMULATE, trace pyrrhotite.                                                                                            |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 86.00  | KOMATIITIC PERIDOTITE ADCUMULATE, trace pyrrhotite.                                                                                            |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 87.00  | KOMATIITIC PERIDOTITE ADCUMULATE, trace pyrrhotite.                                                                                            |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |









| From (m) | To (m) | Geology                                             | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |
|----------|--------|-----------------------------------------------------|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|
| 149.40   | 170.20 | KOMATIITIC PERIDOTITE ADCUMULATE                    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Sharp upper contact 45.                             | 108605 | 149.40   | 150.40 | 1.00  | <5       | 9        | 10       | <.2      | 229      | 520      | 42       | 18       | 48       |        |        |
|          |        | Dark grey, aphanitic-very fine grained, massive,    | 108606 | 150.40   | 151.40 | 1.00  | <5       | 8        | 9        | <.2      | 249      | 939      | 40       | 16       | 49       |        |        |
|          |        | very weakly serpentine, very slightly fracture with | 108607 | 151.40   | 152.40 | 1.00  | <5       | 14       | 7        | <.2      | 175      | 1095     | 41       | 18       | 56       |        |        |
|          |        | 1% white calc-heal. 1-3% stringers up to 2cm        | 108608 | 152.40   | 153.00 | .60   | <5       | 8        | 11       | <.2      | 194      | 1170     | 43       | 18       | 55       |        |        |
|          |        | white/pistachio green calc/serpentine generally 70  | 108609 | 153.00   | 154.00 | 1.00  | <5       | 10       | 7        | <.2      | 196      | 1227     | 51       | 20       | 59       |        |        |
|          |        | deg.                                                | 108610 | 154.00   | 155.00 | 1.00  | <5       | 11       | 7        | <.2      | 176      | 1264     | 48       | 20       | 58       |        |        |
|          |        | Non-magnetic, tr-0.5% very fine specks pyrrhotite   | 108611 | 155.00   | 156.00 | 1.00  | <5       | 10       | 5        | <.2      | 170      | 1328     | 54       | 20       | 61       |        |        |
|          |        | near upper contact, otherwise rare pyrrhotite, RQD  | 108612 | 156.00   | 157.00 | 1.00  | <5       | 12       | 7        | <.2      | 218      | 995      | 48       | 22       | 65       |        |        |
|          |        | 80.                                                 | 108613 | 157.00   | 158.00 | 1.00  | <5       | <5       | <5       | <.2      | 182      | 916      | 41       | 19       | 61       |        |        |
|          |        | 156.50 20cm gouge, fracture at 20 deg.              | 108614 | 158.00   | 159.00 | 1.00  | <5       | 12       | 6        | <.2      | 159      | 1432     | 53       | 19       | 61       |        |        |
|          |        | 149.40 150.40 KOMATIITIC PERIDOTITE ADCUMULATE,     | 108615 | 159.00   | 160.00 | 1.00  | <5       | 12       | 6        | <.2      | 160      | 1394     | 49       | 19       | 61       |        |        |
|          |        | tr-0.5% pyrrhotite.                                 | 108616 | 160.00   | 161.00 | 1.00  | <5       | 18       | 6        | <.2      | 202      | 1188     | 43       | 20       | 65       |        |        |
|          |        | 150.40 151.40 KOMATIITIC PERIDOTITE ADCUMULATE,     | 108617 | 161.00   | 162.00 | 1.00  | <5       | 17       | 7        | <.2      | 199      | 1298     | 50       | 21       | 70       |        |        |
|          |        | tr-0.5% pyrrhotite.                                 | 108618 | 162.00   | 163.00 | 1.00  | <5       | 6        | 5        | <.2      | 223      | 1379     | 61       | 23       | 75       |        |        |
|          |        | 151.40 152.40 KOMATIITIC PERIDOTITE ADCUMULATE,     | 108619 | 163.00   | 164.00 | 1.00  | <5       | 13       | 6        | <.2      | 180      | 1479     | 62       | 21       | 63       |        |        |
|          |        | trace pyrrhotite.                                   | 108620 | 164.00   | 165.00 | 1.00  | <5       | 12       | 7        | <.2      | 177      | 1398     | 58       | 20       | 63       |        |        |
|          |        | 152.40 153.00 KOMATIITIC PERIDOTITE ADCUMULATE,     | 108621 | 165.00   | 166.00 | 1.00  | <5       | 10       | 8        | <.2      | 223      | 1199     | 59       | 21       | 68       |        |        |
|          |        | trace pyrrhotite.                                   | 108622 | 166.00   | 167.00 | 1.00  | <5       | 12       | 8        | <.2      | 219      | 1234     | 65       | 21       | 73       |        |        |
|          |        | 153.00 154.00 KOMATIITIC PERIDOTITE ADCUMULATE,     | 108623 | 167.00   | 168.00 | 1.00  | <5       | 13       | 9        | <.2      | 217      | 1310     | 53       | 22       | 73       |        |        |
|          |        | trace pyrrhotite.                                   | 108624 | 168.00   | 169.00 | 1.00  | <5       | 13       | 9        | <.2      | 198      | 1225     | 56       | 21       | 71       |        |        |
|          |        | 154.00 155.00 KOMATIITIC PERIDOTITE ADCUMULATE,     | 108625 | 169.00   | 169.00 | .00   | 10       | 86       | 90       | .6       | 2633     | 13800    | 90       | 28       | 185      |        |        |
|          |        | trace pyrrhotite.                                   | 108626 | 169.00   | 169.50 | .50   | <5       | 10       | 10       | <.2      | 223      | 1168     | 46       | 18       | 61       |        |        |
|          |        | 155.00 156.00 KOMATIITIC PERIDOTITE ADCUMULATE,     | 108627 | 169.50   | 170.20 | .70   | <5       | 8        | 7        | <.2      | 162      | 1067     | 40       | 15       | 52       |        |        |
|          |        | trace pyrrhotite.                                   |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 156.00 157.00 KOMATIITIC PERIDOTITE ADCUMULATE,     |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | trace pyrrhotite.                                   |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 157.00 158.00 KOMATIITIC PERIDOTITE ADCUMULATE,     |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | trace pyrrhotite.                                   |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 158.00 159.00 KOMATIITIC PERIDOTITE ADCUMULATE,     |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | trace pyrrhotite.                                   |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 159.00 160.00 KOMATIITIC PERIDOTITE ADCUMULATE,     |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | trace pyrrhotite.                                   |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 160.00 161.00 KOMATIITIC PERIDOTITE ADCUMULATE,     |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | trace pyrrhotite.                                   |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 161.00 162.00 KOMATIITIC PERIDOTITE ADCUMULATE,     |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | trace pyrrhotite.                                   |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 162.00 163.00 KOMATIITIC PERIDOTITE ADCUMULATE,     |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | trace pyrrhotite.                                   |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 163.00 164.00 KOMATIITIC PERIDOTITE ADCUMULATE,     |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | trace pyrrhotite.                                   |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 164.00 165.00 KOMATIITIC PERIDOTITE ADCUMULATE,     |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | trace pyrrhotite.                                   |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 165.00 166.00 KOMATIITIC PERIDOTITE ADCUMULATE,     |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | trace pyrrhotite.                                   |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 166.00 167.00 KOMATIITIC PERIDOTITE ADCUMULATE,     |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | trace pyrrhotite.                                   |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 167.00 168.00 KOMATIITIC PERIDOTITE ADCUMULATE,     |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | trace pyrrhotite.                                   |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 168.00 169.00 KOMATIITIC PERIDOTITE ADCUMULATE,     |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | trace pyrrhotite.                                   |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |



Northing: 5349485.00 DRILL HOLE RECORD Drill Hole: GCL08-55
Easting: 497450.00
Elevation: 293.57 \*\*\* Dip Tests \*\*\* Project: Langmuir Zone
Depth Azi. Dip Property: Langmuir
Collar Azi.: 180.0 Claim: 4203498
Collar Dip: -45.0 35 181.5 -45.5 Northing: 2+10 N
134 186.6 -46.2 Easting: 0+10 W
GPS Northing: 5349485
GPS Easting: 497450
Date Started: April 9, 2008
Date completed: April 9, 2008
Drilled by: Norex
Sample type: Cut Core
Analyses: PM 30g FA, BM AA
Lab: Expert
Sample series: 106979-107000,108551-554
Lab report: 22273
Materials left: Casing Pulled/Cemented
Collar survey: Chained & GPS.
DH Survey method: Reflex
Comments: Target
Logged by: S. Beauchamp
Date(s) logged: April 11, 2008
Purpose: N/A
Core storage: Hastings Facility Timmins

Table with columns: From (m), To (m), Geology, Sample, From (m), To (m), L (m), Au (ppb), Pt (ppb), Pd (ppb), Ag (ppm), Cu (ppm), Ni (ppm), Zn (ppm), Pb (ppm), Co (ppm), Cu (%) Ni (%). Rows include OVERBURDEN, KOMATIITIC PERIDOTITE ADCUMULATE, KOMATIITIC PERIDOTITE MESOCUMULATE, and FELDSPAR PORPHYRY.

| From (m) | To (m) | Geology                                            | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |
|----------|--------|----------------------------------------------------|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|
|          |        | phenocrysts up to 3mm.                             |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Non-magnetic, barren, RQD 30.                      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 34.00    | 55.00  | KOMATIITIC PERIDOTITE MESOCUMULATE                 |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Upper contact gouge.                               | 106979 | 34.00    | 35.00  | 1.00  | 32       | 8        | 7        | <.2      | 206      | 1122     | 60       | 15       | 51       |        |        |
|          |        | Medium greenish grey, very fine grained-           | 106980 | 35.00    | 36.00  | 1.00  | 43       | 10       | 9        | <.2      | 172      | 1081     | 49       | 16       | 53       |        |        |
|          |        | grained, massive, moderate to strongly serpentine, | 106981 | 36.00    | 37.00  | 1.00  | <5       | <5       | <5       | <.2      | 172      | 1270     | 55       | 18       | 63       |        |        |
|          |        | 3% white calc/qc<lcm generally 30-70 deg.          | 106982 | 38.00    | 39.00  | 1.00  | <5       | <5       | <5       | <.2      | 155      | 1070     | 35       | 15       | 56       |        |        |
|          |        | Non-magnetic with patches very weak magnetic, 0-tr | 106983 | 44.00    | 45.00  | 1.00  | <5       | <5       | <5       | <.2      | 127      | 863      | 35       | 12       | 49       |        |        |
|          |        | rarely 0.5% very fine specks pyrrhotite, 0-tr very | 106984 | 45.00    | 46.00  | 1.00  | <5       | <5       | <5       | <.2      | 160      | 1323     | 42       | 17       | 62       |        |        |
|          |        | fine cubic pyrite, RQD 90.                         | 106985 | 46.00    | 47.00  | 1.00  | <5       | <5       | <5       | <.2      | 229      | 1509     | 45       | 16       | 60       |        |        |
|          |        | 34.00 35.00 20% gouge, RQD 40.                     | 106986 | 47.00    | 48.00  | 1.00  | <5       | <5       | 6        | <.2      | 154      | 1471     | 33       | 13       | 51       |        |        |
|          |        | 38.00 49.00 Wall rock medium grey, strongly        | 106987 | 48.00    | 49.00  | 1.00  | <5       | <5       | 8        | <.2      | 129      | 1532     | 38       | 14       | 57       |        |        |
|          |        | talc/wkly serpentine, with intro 10%               | 106988 | 49.00    | 50.00  | 1.00  | <5       | <5       | <5       | <.2      | 130      | 1402     | 34       | 16       | 54       |        |        |
|          |        | white/aqua talc stringers, 1-3cm,                  | 106989 | 50.00    | 51.00  | 1.00  | <5       | <5       | 8        | <.2      | 149      | 1268     | 31       | 14       | 51       |        |        |
|          |        | irregular, swirly. Non-mag, 0-tr very              | 106990 | 51.00    | 52.00  | 1.00  | <5       | 39       | 84       | <.2      | 604      | 1705     | 23       | 10       | 43       |        |        |
|          |        | fine cubic pyrite, RQD 60.                         | 106991 | 52.00    | 53.00  | 1.00  | <5       | 96       | 146      | <.2      | 302      | 3494     | 42       | 15       | 56       |        |        |
|          |        | 43.00 47.00 30% talc-rich fault gouge, RQD 30.     | 106992 | 53.00    | 54.00  | 1.00  | <5       | 20       | 45       | <.2      | 588      | 7000     | 34       | 16       | 60       | .70    |        |
|          |        | 34.00 35.00 KOMATIITIC PERIDOTITE MESOCUMULATE,    | 106993 | 54.00    | 55.00  | 1.00  | 5        | 33       | 73       | <.2      | 926      | 7000     | 34       | 16       | 66       | .70    |        |
|          |        | tr-0.5% pyrrhotite.                                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 35.00 36.00 KOMATIITIC PERIDOTITE MESOCUMULATE,    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | tr-0.5% pyrrhotite.                                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 36.00 37.00 KOMATIITIC PERIDOTITE MESOCUMULATE,    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | tr-0.5% pyrrhotite.                                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 38.00 39.00 KOMATIITIC PERIDOTITE MESOCUMULATE,    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | tr-0.5% pyrrhotite.                                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 44.00 45.00 KOMATIITIC PERIDOTITE MESOCUMULATE,    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | tr-0.5% pyrrhotite.                                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 45.00 46.00 KOMATIITIC PERIDOTITE MESOCUMULATE,    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | tr-0.5% pyrrhotite.                                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 46.00 47.00 KOMATIITIC PERIDOTITE MESOCUMULATE,    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | tr-0.5% pyrrhotite.                                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 47.00 48.00 KOMATIITIC PERIDOTITE MESOCUMULATE,    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | tr-0.5% pyrrhotite.                                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 48.00 49.00 KOMATIITIC PERIDOTITE MESOCUMULATE,    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | tr-0.5% pyrrhotite.                                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 49.00 50.00 KOMATIITIC PERIDOTITE MESOCUMULATE,    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | tr-0.5% pyrrhotite.                                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 50.00 51.00 KOMATIITIC PERIDOTITE MESOCUMULATE,    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | tr-0.5% pyrrhotite.                                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 51.00 52.00 KOMATIITIC PERIDOTITE MESOCUMULATE,    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | tr-0.5% pyrrhotite.                                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 52.00 53.00 KOMATIITIC PERIDOTITE MESOCUMULATE,    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | tr-0.5% pyrrhotite.                                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 53.00 54.00 KOMATIITIC PERIDOTITE MESOCUMULATE,    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | tr-0.5% pyrrhotite.                                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 54.00 55.00 KOMATIITIC PERIDOTITE MESOCUMULATE,    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | tr-0.5% pyrrhotite.                                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 55.00    | 59.20  | MAFIC DYKE                                         |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Upper contact/lower contact sharp but broken.      | 106994 | 55.00    | 56.00  | 1.00  | <5       | 81       | 186      | <.2      | 723      | 12600    | 33       | 17       | 74       | 1.26   |        |





Date: 15 Dec, 2008

GOLDEN CHALICE RESOURCES INC

Page: 1 of 6

Northing: 5349500.00
Easting: 497500.00
Elevation: 293.94

DRILL HOLE RECORD

Drill Hole: GCL08-54

\*\*\* Dip Tests \*\*\*
Depth Azi. Dip

Project: Langmuir Zone
Property: Langmuir
Claim: 4203498
Northing: 1+94 N
Easting: 0+38 E
GPS Northing: 5349500
GPS Easting: 497500
Date Started: March 15, 2008
Date completed: Mar 17, 2008
Drilled by: Norex
Sample type: Cut Core
Analyses: PM 30g FA, BM AA
Lab: Expert
Sample series: 106745-106862
Lab report: 22583-84

Collar Azi.: 180.0
Collar Dip: -62.0

Table with 3 columns: Depth, Azi., Dip. Values: 32 181.1 -60.2, 86 183.2 -60.3, 137 183.4 -60.1, 197 184.5 -60.6

Hole length: 197.00
Units: Metric
Core size: NQ
Grid: Metric 2007

Materials left: Casing Pulled/Cemented
Collar survey: Chained & GPS
DH Survey method: Reflex

Comments: N/A
Logged by: S. Beauchamp
Date(s) logged: March 27, 2008
Purpose: N/A
Core storage: Hastings Facility Timmins

Table with columns: From (m), To (m), Geology, Sample, From (m), To (m), L (m), Au (ppb), Pt (ppb), Pd (ppb), Ag (ppm), Cu (ppm), Ni (ppm), Zn (ppm), Pb (ppm), Co (ppm), Cu (%) Ni (%). Rows include OVERBURDEN, KOMATIITIC PERIDOTITE MESOCUMULATE, GRAPHITIC ARGILLITE.



| From (m) | To (m) | Geology | Sample                                                                                                                                                               | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |
|----------|--------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|
|          | 39.00  | 39.70   | 60 SGA:40 MD; 3% banded white calcite / quartz carbonate <1cm parallel shearing of 45 degrees, 30% gouge, RQD 20.                                                    | 106754   | 38.00  | 39.00 | 1.00     | <5       | <5       | <5       | <.2      | 66       | 140      | 99       | 26       | 31     |        |
|          |        |         |                                                                                                                                                                      | 106755   | 39.00  | 39.70 | .70      | <5       | <5       | <5       | .3       | 68       | 134      | 98       | 42       | 32     |        |
|          | 32.00  | 33.00   | KOMATIITIC PERIDOTITE BRECCIA, pyrite.                                                                                                                               |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          | 33.00  | 34.00   | KOMATIITIC PERIDOTITE BRECCIA, pyrite.                                                                                                                               |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          | 34.00  | 34.50   | KOMATIITIC PERIDOTITE BRECCIA, pyrite.                                                                                                                               |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          | 34.50  | 35.10   | KOMATIITIC PERIDOTITE BRECCIA, pyrite.                                                                                                                               |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          | 35.10  |         | Blank.                                                                                                                                                               |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          | 35.10  | 36.00   | KOMATIITIC PERIDOTITE BRECCIA, pyrite.                                                                                                                               |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          | 36.00  | 37.00   | KOMATIITIC PERIDOTITE BRECCIA, pyrite.                                                                                                                               |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          | 37.00  | 38.00   | KOMATIITIC PERIDOTITE BRECCIA, pyrite.                                                                                                                               |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          | 38.00  | 39.00   | KOMATIITIC PERIDOTITE BRECCIA, pyrite.                                                                                                                               |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          | 39.00  | 39.70   | KOMATIITIC PERIDOTITE BRECCIA, pyrite.                                                                                                                               |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 39.70    | 40.50  |         | KOMATIITIC PERIDOTITE MESOCUMULATE Upper contact sharp but broken.                                                                                                   | 106756   | 39.70  | 40.50 | .80      | <5       | <5       | <5       | <.2      | 87       | 807      | 31       | 19       | 51     |        |
|          |        |         | Light green, fine grained, massive, soapy, severely talcose. Non magnetic, trace very fine specks py disseminated, 30% gouge, strong shear foliation 45 deg, RQD 10. |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        |         | Non magnetic, trace very fine specks of pyrite disseminated, 30% gouge, strongly sheared at 45 degrees, RQD 10.                                                      |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 40.50    | 63.10  |         | KOMATIITIC PERIDOTITE ADCUMULATE Upper contact gradational.                                                                                                          | 106757   | 40.50  | 41.00 | .50      | <5       | <5       | <5       | <.2      | 85       | 1087     | 13       | 9        | 73     |        |
|          |        |         | Medium emerald green, aphanitic to very fine grained, massive, homogenous, strongly serpentinized, weakly talcose.                                                   | 106758   | 41.00  | 42.00 | 1.00     | <5       | <5       | <5       | <.2      | 65       | 1646     | 15       | 17       | 103    |        |
|          |        |         | 0.5% Fracture fillings of white calcite, various angles.                                                                                                             | 106759   | 42.00  | 43.00 | 1.00     | <5       | <5       | <5       | <.2      | 71       | 1519     | 19       | 23       | 79     |        |
|          |        |         | Non magnetic, trace very fine specks brassy pyrrhotite and very fine cubes of silvery pyrite disseminated, RQD 95.                                                   | 106760   | 43.00  | 44.00 | 1.00     | <5       | <5       | <5       | <.2      | 67       | 1075     | 21       | 26       | 70     |        |
|          |        |         |                                                                                                                                                                      | 106761   | 44.00  | 45.00 | 1.00     | <5       | <5       | <5       | <.2      | 70       | 1081     | 21       | 26       | 79     |        |
|          |        |         |                                                                                                                                                                      | 106762   | 45.00  | 46.00 | 1.00     | <5       | <5       | <5       | <.2      | 72       | 1741     | 23       | 27       | 88     |        |
|          |        |         |                                                                                                                                                                      | 106763   | 46.00  | 47.00 | 1.00     | <5       | <5       | <5       | <.2      | 80       | 1622     | 24       | 29       | 74     |        |
|          |        |         |                                                                                                                                                                      | 106764   | 47.00  | 48.00 | 1.00     | <5       | <5       | <5       | <.2      | 79       | 1081     | 23       | 32       | 73     |        |
|          |        |         |                                                                                                                                                                      | 106765   | 48.00  | 49.00 | 1.00     | <5       | 8        | <5       | <.2      | 67       | 1081     | 23       | 26       | 82     |        |
|          | 46.00  | 63.10   | Trace-0.5% very fine specks brassy pyrrhotite and trace very fine cubic pyrite disseminated.                                                                         | 106766   | 49.00  | 50.00 | 1.00     | <5       | <5       | <5       | <.2      | 76       | 1646     | 27       | 27       | 70     |        |
|          |        |         |                                                                                                                                                                      | 106767   | 50.00  | 51.00 | 1.00     | <5       | 6        | <5       | <.2      | 72       | 1087     | 22       | 28       | 78     |        |
|          |        |         |                                                                                                                                                                      | 106768   | 51.00  | 52.00 | 1.00     | <5       | <5       | <5       | <.2      | 75       | 1825     | 26       | 28       | 73     |        |
|          | 62.80  |         | 20cm fault gouge at 50 degrees.                                                                                                                                      | 106769   | 52.00  | 53.00 | 1.00     | <5       | 5        | <5       | <.2      | 88       | 2085     | 29       | 31       | 89     |        |
|          | 58.00  |         | Standard ni 1.12.                                                                                                                                                    | 106770   | 53.00  | 54.00 | 1.00     | <5       | 5        | <5       | <.2      | 79       | 1784     | 25       | 29       | 71     |        |
|          |        |         |                                                                                                                                                                      | 106771   | 54.00  | 55.00 | 1.00     | 19       | 7        | <5       | <.2      | 69       | 1758     | 25       | 25       | 75     |        |
|          |        |         |                                                                                                                                                                      | 106772   | 55.00  | 56.00 | 1.00     | <5       | <5       | <5       | .2       | 70       | 1792     | 24       | 27       | 74     |        |
|          |        |         |                                                                                                                                                                      | 106773   | 56.00  | 57.00 | 1.00     | <5       | 10       | <5       | <.2      | 69       | 1723     | 21       | 28       | 83     |        |

| From (m) | To (m) | Geology                                                                                                                             | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |
|----------|--------|-------------------------------------------------------------------------------------------------------------------------------------|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|
|          |        |                                                                                                                                     | 106774 | 57.00    | 58.00  | 1.00  | <5       | 7        | <5       | .2       | 71       | 1684     | 24       | 27       | 73       |        |        |
|          |        |                                                                                                                                     | 106775 | 58.00    | 58.00  | .00   | 22       | 190      | 92       | .6       | 2991     | 5967     | 65       | 33       | 273      |        |        |
|          |        |                                                                                                                                     | 106776 | 58.00    | 59.00  | 1.00  | 10       | 10       | 5        | <.2      | 70       | 1782     | 26       | 26       | 69       |        |        |
|          |        |                                                                                                                                     | 106777 | 59.00    | 60.00  | 1.00  | <5       | 11       | 6        | .3       | 64       | 1826     | 24       | 26       | 73       |        |        |
|          |        |                                                                                                                                     | 106778 | 60.00    | 61.00  | 1.00  | <5       | <5       | <5       | .4       | 68       | 1817     | 22       | 25       | 69       |        |        |
|          |        |                                                                                                                                     | 106779 | 61.00    | 62.00  | 1.00  | <5       | <5       | <5       | <.2      | 78       | 1731     | 22       | 27       | 72       |        |        |
|          |        |                                                                                                                                     | 106780 | 62.00    | 63.10  | 1.10  | <5       | <5       | <5       | <.2      | 105      | 1413     | 77       | 21       | 66       |        |        |
| 63.10    | 64.10  | MAFIC DYKE                                                                                                                          |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Contacts sharp but faint.                                                                                                           | 106781 | 63.10    | 64.10  | 1.00  | <5       | <5       | <5       | <.2      | 109      | 96       | 219      | 34       | 23       |        |        |
|          |        | Slightly bleached, chloritic composition. Non magnetic, barren, RQD 90.                                                             |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 64.10    | 67.00  | KOMATIITIC PERIDOTITE BRECCIA                                                                                                       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Upper contact gradational.                                                                                                          | 106782 | 64.10    | 65.00  | .90   | 5        | 11       | 7        | .4       | 375      | 796      | 1016     | 61       | 77       |        |        |
|          |        | SGA:KPDM fragments, graphite healed.                                                                                                | 106783 | 65.00    | 66.00  | 1.00  | <5       | 9        | 6        | <.2      | 147      | 1158     | 133      | 20       | 64       |        |        |
|          |        | Non magnetic, trace-0.5% very fine specks brassy pyrrhotite and trace cubic pyrite <1mm disseminated.                               | 106784 | 66.00    | 67.00  | 1.00  | <5       | 9        | 7        | <.2      | 74       | 1474     | 77       | 24       | 77       |        |        |
| 67.00    | 69.80  | KOMATIITIC PERIDOTITE ADCUMULATE                                                                                                    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Upper contact gradational.                                                                                                          | 106785 | 67.00    | 68.00  | 1.00  | <5       | 10       | 6        | <.2      | 65       | 1657     | 30       | 23       | 79       |        |        |
|          |        | As above.                                                                                                                           | 106786 | 68.00    | 69.00  | 1.00  | <5       | 7        | 7        | <.2      | 72       | 1617     | 26       | 27       | 80       |        |        |
|          |        | Non magnetic, trace-0.5% minute specks brassy interstitial pyrrhotite and trace cubic pyrite <1mm disseminated.                     | 106787 | 69.00    | 69.80  | .80   | <5       | 10       | 6        | <.2      | 81       | 1345     | 26       | 26       | 70       |        |        |
| 69.80    | 76.00  | KOMATIITIC SPINIFEX PERIDOTITE                                                                                                      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Upper contact sharp 60 degrees.                                                                                                     | 106788 | 69.80    | 70.50  | .70   | <5       | 14       | 8        | <.2      | 123      | 1138     | 23       | 26       | 73       |        |        |
|          |        | Distinct random chicken scratch 0.5-1cm, green to black blades of olivine. Platy bladed up to 5cm at last 50cm along lower contact. | 106789 | 70.50    | 71.00  | .50   | <5       | 10       | 8        | <.2      | 132      | 897      | 23       | 24       | 75       |        |        |
|          |        | Non magnetic, 2% very fine specks brassy pyrrhotite disseminated, RQD 95.                                                           | 106790 | 71.00    | 72.00  | 1.00  | <5       | 9        | 8        | .2       | 103      | 955      | 24       | 27       | 71       |        |        |
|          |        |                                                                                                                                     | 106791 | 72.00    | 73.00  | 1.00  | <5       | 12       | 9        | <.2      | 114      | 740      | 19       | 21       | 65       |        |        |
|          |        |                                                                                                                                     | 106792 | 73.00    | 74.00  | 1.00  | <5       | 17       | 11       | <.2      | 63       | 427      | 17       | 19       | 58       |        |        |
|          |        |                                                                                                                                     | 106793 | 74.00    | 75.00  | 1.00  | <5       | 20       | 13       | <.2      | 85       | 297      | 22       | 19       | 44       |        |        |
|          |        |                                                                                                                                     | 106794 | 75.00    | 76.00  | 1.00  | <5       | 12       | 15       | <.2      | 96       | 803      | 23       | 18       | 35       |        |        |
| 76.00    | 79.00  | KOMATIITIC PERIDOTITE MESOCUMULATE                                                                                                  |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Contacts gradational.                                                                                                               | 106795 | 76.00    | 77.00  | 1.00  | <5       | 11       | 15       | <.2      | 111      | 1170     | 22       | 15       | 31       |        |        |
|          |        | Medium green, fine grained, massive, strongly serpentized and talcose.                                                              |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Non magnetic, barren, RQD 85.                                                                                                       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 79.00    | 96.00  | KOMATIITIC PERIDOTITE ADCUMULATE                                                                                                    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Contacts gradational.                                                                                                               |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Black to emerald black, aphanitic, massive, homogenous, moderately serpentized.                                                     |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 3% White and pistachio calcite / serpentine stringers <1cm 20-50 degrees.                                                           |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Non magnetic, no visible sulphides, RQD 85.                                                                                         |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 96.00    | 103.30 | KOMATIITIC SPINIFEX PERIDOTITE                                                                                                      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Contacts gradational.                                                                                                               | 106796 | 96.00    | 97.00  | 1.00  | <5       | 6        | 8        | <.2      | 143      | 1517     | 27       | 28       | 71       |        |        |

| From (m) | To (m) | Geology                                             | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |
|----------|--------|-----------------------------------------------------|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|
|          |        | Matrix black to emerald, aphanitic, weakly          | 106797 | 97.00    | 98.00  | 1.00  | <5       | 8        | 10       | .2       | 187      | 1688     | 24       | 26       | 68       |        |        |
|          |        | progressively strongly serpentized downhole.        | 106798 | 98.00    | 99.00  | 1.00  | <5       | 11       | 8        | .3       | 319      | 1684     | 24       | 27       | 77       |        |        |
|          |        | Spinifex as 0.5cm random chicken scratch.           | 106799 | 99.00    | 100.00 | 1.00  | 10       | 14       | 27       | <.2      | 123      | 1382     | 35       | 22       | 47       |        |        |
|          |        | Increasing to 8cm platy bladed downhole.            | 106800 | 100.00   | 100.00 | .00   | <5       | 25       | 25       | <.2      | 99       | 1174     | 15       | 16       | 18       |        |        |
|          |        | Non magnetic, rare speck pyrrhotite, RQD 70.        | 106801 | 100.00   | 101.00 | 1.00  | 30       | 157      | 379      | <.2      | 1072     | 909      | 32       | 23       | 95       |        |        |
|          |        | 100.00 103.30 3% brassy pyrrhotite / pentlandite as | 106802 | 101.00   | 102.00 | 1.00  | 124      | 147      | 373      | .7       | 1294     | 975      | 25       | 31       | 161      |        |        |
|          |        | very fine specks disseminated, and as               | 106803 | 102.00   | 103.00 | 1.00  | 19       | 144      | 212      | 1.2      | 1463     | 751      | 25       | 36       | 149      |        |        |
|          |        | blebs up to 1cm along lower contact.                | 106804 | 103.00   | 103.30 | .30   | <5       | 22       | 32       | .3       | 1018     | 2349     | 30       | 38       | 108      |        |        |
|          |        | RQD 95.                                             |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 100.00 Blank.                                       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 103.30   | 140.60 | KOMATIITIC PERIDOTITE ADCUMULATE                    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Contacts gradational.                               | 106805 | 103.30   | 104.00 | .70   | 27       | 27       | 60       | <.2      | 749      | 1924     | 27       | 30       | 93       |        |        |
|          |        | Dark green to emerald black, aphanitic, massive.    | 106806 | 104.00   | 105.00 | 1.00  | 7        | 27       | 60       | <.2      | 214      | 2567     | 19       | 26       | 115      |        |        |
|          |        | 2% Brassy pyrrhotite / pentlandite as very fine     | 106807 | 105.00   | 106.00 | 1.00  | <5       | 22       | 55       | <.2      | 435      | 2605     | 25       | 32       | 116      |        |        |
|          |        | specks disseminated, and as blebs up to 1cm.        | 106808 | 106.00   | 107.00 | 1.00  | <5       | 34       | 60       | <.2      | 152      | 2749     | 20       | 29       | 110      |        |        |
|          |        | 107.00 112.00 0.5% very fine pyrrhotite /           | 106809 | 107.00   | 108.00 | 1.00  | <5       | 25       | 42       | <.2      | 24       | 2716     | 13       | 25       | 90       |        |        |
|          |        | pentlandite disseminated.                           | 106810 | 108.00   | 109.00 | 1.00  | 10       | 44       | 75       | <.2      | 30       | 2281     | 15       | 26       | 100      |        |        |
|          |        | 112.00 117.00 Trace pyrrhotite / pentlandite.       | 106811 | 109.00   | 110.00 | 1.00  | 18       | 29       | 54       | <.2      | 65       | 2682     | 15       | 26       | 92       |        |        |
|          |        | 117.00 120.00 KPDY Amygdaloidal Marker Horizon;     | 106812 | 110.00   | 111.00 | 1.00  | 125      | 54       | 127      | <.2      | 90       | 1921     | 14       | 28       | 95       |        |        |
|          |        | medium green, strongly serpentized                  | 106813 | 111.00   | 112.00 | 1.00  | 13       | 19       | 30       | <.2      | 63       | 2109     | 18       | 26       | 92       |        |        |
|          |        | with 10% amygdules, no visible                      | 106814 | 112.00   | 113.00 | 1.00  | 48       | 22       | 43       | <.2      | 45       | 1689     | 17       | 23       | 113      |        |        |
|          |        | sulphides, RQD 95.                                  | 106815 | 113.00   | 114.00 | 1.00  | <5       | 7        | 6        | <.2      | 54       | 2320     | 22       | 23       | 82       |        |        |
|          |        | 120.00 128.00 Trace fine pyrite and pyrrhotite.     | 106816 | 114.00   | 115.00 | 1.00  | <5       | 10       | 16       | <.2      | 89       | 1666     | 31       | 34       | 88       |        |        |
|          |        | 128.00 140.60 Black, aphanitic, slightly            | 106817 | 115.00   | 116.00 | 1.00  | <5       | 8        | 7        | <.2      | 91       | 1222     | 27       | 32       | 94       |        |        |
|          |        | serpentized, 1-3% 1-2cm stringers                   | 106818 | 116.00   | 117.00 | 1.00  | <5       | 12       | 9        | <.2      | 81       | 1087     | 30       | 32       | 76       |        |        |
|          |        | calcite / quartz carbonate / talc                   | 106819 | 117.00   | 118.00 | 1.00  | <5       | 8        | 6        | <.2      | 13       | 843      | 32       | 34       | 89       |        |        |
|          |        | 30-60 degrees.                                      | 106820 | 118.00   | 119.00 | 1.00  | <5       | 11       | 6        | <.2      | 74       | 1382     | 28       | 28       | 75       |        |        |
|          |        | Trace pyrite and pyrrhotite disseminated, RQD 90.   | 106821 | 119.00   | 120.00 | 1.00  | <5       | 17       | 30       | <.2      | 83       | 1326     | 27       | 33       | 87       |        |        |
|          |        | 135.00 136.00 10% white and aqua calcite / quartz   | 106822 | 120.00   | 121.00 | 1.00  | <5       | 8        | 10       | <.2      | 136      | 997      | 28       | 35       | 81       |        |        |
|          |        | carbonate / talc 50 degrees, 0.5-1%                 | 106823 | 121.00   | 122.00 | 1.00  | <5       | 7        | 9        | <.2      | 185      | 966      | 27       | 32       | 84       |        |        |
|          |        | pyrrhotite / pentlandite, 0.5% pyrite.              | 106824 | 122.00   | 123.00 | 1.00  | <5       | 8        | 11       | <.2      | 121      | 1074     | 29       | 32       | 86       |        |        |
|          |        | 103.30 104.00 KOMATIITIC PERIDOTITE ADCUMULATE, 2%  | 106825 | 123.00   | 123.00 | .00   | 24       | 184      | 90       | .7       | 2939     | 6100     | 68       | 33       | 287      |        |        |
|          |        | pyrrhotite/pentlandite.                             | 106826 | 123.00   | 124.00 | 1.00  | <5       | 6        | 7        | <.2      | 83       | 1117     | 30       | 30       | 87       |        |        |
|          |        | 104.00 105.00 KOMATIITIC PERIDOTITE ADCUMULATE, 2%  | 106827 | 124.00   | 125.00 | 1.00  | <5       | <5       | 7        | <.2      | 84       | 1125     | 30       | 30       | 84       |        |        |
|          |        | pyrrhotite/pentlandite.                             | 106828 | 125.00   | 126.00 | 1.00  | <5       | 6        | 12       | <.2      | 144      | 1188     | 29       | 33       | 95       |        |        |
|          |        | 105.00 106.00 KOMATIITIC PERIDOTITE ADCUMULATE, 2%  | 106829 | 126.00   | 127.00 | 1.00  | <5       | 6        | 9        | <.2      | 90       | 1214     | 30       | 32       | 91       |        |        |
|          |        | pyrrhotite/pentlandite.                             | 106830 | 127.00   | 128.00 | 1.00  | <5       | 6        | 6        | <.2      | 104      | 1176     | 31       | 33       | 85       |        |        |
|          |        | 106.00 107.00 KOMATIITIC PERIDOTITE ADCUMULATE, 2%  | 106831 | 128.00   | 129.00 | 1.00  | <5       | 7        | 7        | <.2      | 120      | 1216     | 30       | 33       | 86       |        |        |
|          |        | pyrrhotite/pentlandite.                             | 106832 | 129.00   | 130.00 | 1.00  | <5       | 8        | 19       | <.2      | 121      | 1622     | 33       | 33       | 94       |        |        |
|          |        | 107.00 108.00 107.0-114.0m KOMATIITIC PERIDOTITE    | 106833 | 130.00   | 131.00 | 1.00  | <5       | 12       | 19       | <.2      | 100      | 1360     | 31       | 33       | 88       |        |        |
|          |        | ADCUMULATE, 0.5%                                    | 106834 | 131.00   | 132.00 | 1.00  | 28       | 10       | 13       | <.2      | 112      | 1153     | 39       | 34       | 83       |        |        |
|          |        | pyrrhotite/pentlandite.                             | 106835 | 132.00   | 133.00 | 1.00  | <5       | 8        | 7        | .3       | 84       | 1163     | 28       | 31       | 83       |        |        |
|          |        | 114.00 115.00 114.0-117.0m KOMATIITIC PERIDOTITE    | 106836 | 133.00   | 134.00 | 1.00  | <5       | 15       | 23       | .2       | 106      | 1607     | 32       | 31       | 107      |        |        |
|          |        | ADCUMULATE, 0-trace pyrrhotite.                     | 106837 | 134.00   | 135.00 | 1.00  | 65       | 16       | 15       | <.2      | 154      | 671      | 28       | 27       | 64       |        |        |
|          |        | 117.00 118.00 117.0-120.0m KOMATIITIC PERIDOTITE    | 106838 | 135.00   | 136.00 | 1.00  | 27       | 30       | 42       | <.2      | 192      | 2295     | 41       | 32       | 129      |        |        |
|          |        | AMYGDALOIDAL, barren.                               | 106839 | 136.00   | 137.00 | 1.00  | <5       | 12       | 13       | <.2      | 92       | 1131     | 29       | 31       | 79       |        |        |
|          |        | 120.00 121.00 120.0-128.0m, KOMATIITIC PERIDOTITE   | 106840 | 137.00   | 138.00 | 1.00  | <5       | 11       | 10       | <.2      | 92       | 1043     | 30       | 31       | 78       |        |        |
|          |        | ADCUMULATE, trace pyrite/pyrrhotite.                | 106841 | 138.00   | 139.00 | 1.00  | <5       | 9        | 7        | <.2      | 97       | 997      | 39       | 33       | 79       |        |        |
|          |        | 123.00 Standard ni 1.12.                            | 106842 | 139.00   | 140.00 | 1.00  | 6        | 9        | 8        | <.2      | 102      | 1063     | 32       | 32       | 85       |        |        |
|          |        | 128.00 129.00 128.0-140.6m KOMATIITIC PERIDOTITE    | 106843 | 140.00   | 140.60 | .60   | <5       | 11       | 10       | <.2      | 139      | 957      | 34       | 31       | 82       |        |        |

| From (m) | To (m) | Geology                                                                                                                                                                                                         | Sample                                                            | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |  |
|----------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|--|
|          |        | ADCUMULATE, trace pyrite/pyrrhotite.                                                                                                                                                                            |                                                                   |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 135.00 | 136.00                                                                                                                                                                                                          | 135.0-136.0m, KOMATIITIC PERIDOTITE                               |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | ADCUMULATE, 0.5% pyrite, up to 1% pyrrhotite.                                                                                                                                                                   |                                                                   |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 140.60   | 151.00 | KOMATIITIC PERIDOTITE AMYGDALOIDAL                                                                                                                                                                              |                                                                   |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Contacts gradational.                                                                                                                                                                                           | 106844                                                            | 140.60   | 141.60 | 1.00  | <5       | 12       | 11       | <.2      | 85       | 494      | 24       | 23       | 62       |        |        |  |
|          |        | Amygdaloidal Marker Horizon.                                                                                                                                                                                    |                                                                   |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Matrix medium greenish, very fine grained, strongly talcose / serpentized, with 10% black to dark green serpentine blebs up to 1cm.                                                                             |                                                                   |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 2-10% Chicken scratch Spinifex in intervals up to 5cm. 3% fracture fillings of white quartz carbonate / calcite 30-80 degrees.                                                                                  |                                                                   |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Non magnetic, rare speck pyrrhotite / pentlandite, RQD 90.                                                                                                                                                      |                                                                   |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 140.60 | 141.60                                                                                                                                                                                                          | KOMATIITIC PERIDOTITE AMYGDALOIDAL, rare speck pyrrhotite/pyrite. |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 151.00   | 160.50 | KOMATIITIC SPINIFEX PERIDOTITE                                                                                                                                                                                  |                                                                   |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Contacts gradational.                                                                                                                                                                                           |                                                                   |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Dark green to med green, fine grained, weakly to moderately serpentized matrix. Faint & distinctive spinifex texture. Olivine blades 1-2cm. Random asterisk* like. Weakly brecciated and 5-10% graphite healed. |                                                                   |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Non magnetic, rare speck interstitial pyrrhotite / pentlandite, RQD 75.                                                                                                                                         |                                                                   |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 160.50   | 179.00 | KOMATIITIC PERIDOTITE BRECCIA                                                                                                                                                                                   |                                                                   |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Contacts gradational.                                                                                                                                                                                           | 106845                                                            | 163.50   | 164.50 | 1.00  | <5       | <5       | 8        | <.2      | 67       | 608      | 38       | 22       | 63       |        |        |  |
|          |        | Dark grey, aphanitic to very fine grained, weakly serpentized. Weakly brecciated and 5-10% graphite healed.                                                                                                     | 106846                                                            | 164.50   | 165.00 | .50   | <5       | <5       | <5       | <.2      | 100      | 829      | 37       | 23       | 66       |        |        |  |
|          |        | Non magnetic, 0.5-1% pyrite as blebs and hairline fracture fillings. Rare pyrrhotite, RQD 70-90.                                                                                                                | 106847                                                            | 165.00   | 166.00 | 1.00  | <5       | 8        | 13       | <.2      | 221      | 823      | 78       | 24       | 70       |        |        |  |
|          |        | 163.50 164.50 KOMATIITIC PERIDOTITE BRECCIA, 0.5%-1% pyrite, rare pyrrhotite.                                                                                                                                   | 106848                                                            | 166.00   | 167.00 | 1.00  | <5       | 14       | 25       | <.2      | 174      | 1087     | 30       | 20       | 75       |        |        |  |
|          |        | 164.50 165.00 KOMATIITIC PERIDOTITE BRECCIA, 0.5%-1% pyrite, rare pyrrhotite.                                                                                                                                   | 106849                                                            | 167.00   | 168.00 | 1.00  | <5       | 6        | 8        | <.2      | 173      | 961      | 38       | 25       | 80       |        |        |  |
|          |        | 165.00 166.00 KOMATIITIC PERIDOTITE BRECCIA, 0.5%-1% pyrite, rare pyrrhotite.                                                                                                                                   | 106850                                                            | 168.00   | 168.00 | .00   | <5       | 29       | 26       | <.2      | 96       | 104      | 14       | 16       | 21       |        |        |  |
|          |        | 166.00 167.00 KOMATIITIC PERIDOTITE BRECCIA, 0.5%-1% pyrite, rare pyrrhotite.                                                                                                                                   | 106851                                                            | 168.00   | 169.00 | 1.00  | <5       | 12       | 12       | <.2      | 123      | 849      | 39       | 27       | 71       |        |        |  |
|          |        | 167.00 168.00 KOMATIITIC PERIDOTITE BRECCIA, 0.5%-1% pyrite, rare pyrrhotite.                                                                                                                                   | 106852                                                            | 169.00   | 170.00 | 1.00  | <5       | 9        | 17       | <.2      | 131      | 968      | 29       | 24       | 74       |        |        |  |
|          |        | 168.00 Blank.                                                                                                                                                                                                   | 106853                                                            | 170.00   | 171.00 | 1.00  | <5       | <5       | <5       | <.2      | 140      | 963      | 32       | 23       | 75       |        |        |  |
|          |        | 169.00 170.00 KOMATIITIC PERIDOTITE BRECCIA, 0.5%-1% pyrite, rare pyrrhotite.                                                                                                                                   | 106854                                                            | 171.00   | 172.00 | 1.00  | <5       | 6        | 7        | <.2      | 88       | 659      | 35       | 25       | 68       |        |        |  |
|          |        | 165.00 166.00 KOMATIITIC PERIDOTITE BRECCIA, 0.5%-1% pyrite, rare pyrrhotite.                                                                                                                                   | 106855                                                            | 172.00   | 173.00 | 1.00  | <5       | <5       | <5       | <.2      | 112      | 691      | 36       | 25       | 66       |        |        |  |
|          |        | 166.00 167.00 KOMATIITIC PERIDOTITE BRECCIA, 0.5%-1% pyrite, rare pyrrhotite.                                                                                                                                   | 106856                                                            | 173.00   | 174.00 | 1.00  | <5       | 11       | 8        | <.2      | 99       | 884      | 34       | 22       | 70       |        |        |  |
|          |        | 167.00 168.00 KOMATIITIC PERIDOTITE BRECCIA, 0.5%-1% pyrite, rare pyrrhotite.                                                                                                                                   | 106857                                                            | 174.00   | 175.00 | 1.00  | <5       | 6        | 7        | <.2      | 116      | 1072     | 37       | 24       | 79       |        |        |  |
|          |        | 168.00 169.00 KOMATIITIC PERIDOTITE BRECCIA, 0.5%-1% pyrite, rare pyrrhotite.                                                                                                                                   | 106858                                                            | 175.00   | 176.00 | 1.00  | <5       | 5        | 6        | <.2      | 118      | 1003     | 38       | 21       | 76       |        |        |  |
|          |        | 169.00 170.00 KOMATIITIC PERIDOTITE BRECCIA, 0.5%-1% pyrite, rare pyrrhotite.                                                                                                                                   | 106859                                                            | 176.00   | 177.00 | 1.00  | <5       | 6        | 6        | <.2      | 112      | 931      | 45       | 20       | 76       |        |        |  |
|          |        | 168.00 169.00 KOMATIITIC PERIDOTITE BRECCIA, 0.5%-1% pyrite, rare pyrrhotite.                                                                                                                                   | 106860                                                            | 177.00   | 178.00 | 1.00  | <5       | <5       | <5       | <.2      | 283      | 705      | 54       | 25       | 90       |        |        |  |
|          |        | 169.00 170.00 KOMATIITIC PERIDOTITE BRECCIA, 0.5%-1% pyrite, rare pyrrhotite.                                                                                                                                   | 106861                                                            | 178.00   | 179.00 | 1.00  | <5       | <5       | <5       | <.2      | 112      | 956      | 40       | 21       | 80       |        |        |  |



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Northing: 5349550.00 DRILL HOLE RECORD Drill Hole: GCL08-53  
 Easting: 497475.00  
 Elevation: 284.25 \*\*\* Dip Tests \*\*\* Project: Langmuir Zone  
 Depth Azi. Dip Property: Langmuir  
 Collar Azi.: 162.0 Claim: 4203498  
 Collar Dip: -63.0 29 163.0 -62.9 80 163.0 -62.7  
 131 162.9 -63.7  
 Hole length: 244.00 182 164.7 -63.4  
 Units: Metric 242 165.7 -63.5  
 Core size: NQ  
 Grid: Metric 2007  
 Materials left: NW Casing Pulled, Cemented  
 Collar survey: Chained & GPS.  
 DH Survey method: Reflex  
 Comments: N/A  
 Logged by: S. Beauchamp  
 Date(s) logged: March 20, 2008  
 Purpose: N/A  
 Core storage: Hastings Facility Timmins

| From (m) | To (m) | Geology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |  |
|----------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|--|
| .00      | 12.00  | OVERBURDEN<br>Nw casing.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 12.00    | 98.70  | KOMATIITIC PERIDOTITE MESOCUMULATE<br>12.00 13.00 Overburden rubble.<br>Medium greenish grey, fine grained, massive, soapy, severely talcose, 10% swirly irregular talc stringers.<br>Non magnetic, barren, RQD 95%.<br>27.00 31.00 5% white qc/calc/talc stringers up to 3cm generally 50 degree, trace very fine specks pyrite, 10% gouge< 10cm at 50 deg. RQD 80%.<br>31.00 35.00 Fractures/patches with weak limonite staining generally at 20 and 70 degree, RQD 90% to end of unit.<br>35.00 50.00 10-20% 1-3cm gradually to 10cm white qc/calc/talc stringers 35-70 deg.<br>50.00 70.00 Darker grey, 5% qc/talc stringers 1cm generally 50 degree, 10% fault gouge, RQD 80%.<br>70.00 74.00 FAULT ZONE, RQD 30%, 30% crumbly fault gouge//strong shear foliation 30.<br>74.00 88.00 RQD 60, 20% gouge//strong shear foliation 30. |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |

| From (m) | To (m) | Geology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Sample                               | From (m)                             | To (m)                               | L (m)                        | Au (ppb)             | Pt (ppb)             | Pd (ppb)           | Ag (ppm)                 | Cu (ppm)               | Ni (ppm)                    | Zn (ppm)             | Pb (ppm)             | Co (ppm)             | Cu (%) | Ni (%) |  |
|----------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|------------------------------|----------------------|----------------------|--------------------|--------------------------|------------------------|-----------------------------|----------------------|----------------------|----------------------|--------|--------|--|
|          |        | 88.00 91.50 FAULT ZONE, RQD 30%, 30% crumbly fault gouge//strong shear foliation 30.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                      |                                      |                                      |                              |                      |                      |                    |                          |                        |                             |                      |                      |                      |        |        |  |
|          |        | 91.50 98.70 RQD 60%.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                      |                                      |                                      |                              |                      |                      |                    |                          |                        |                             |                      |                      |                      |        |        |  |
| 98.70    | 110.00 | MAFIC INTRUSIVE<br>Upper contact sharp 70/lc gradational, no chill margins.<br>Black, fine grained-mg, massive, homogeneous, dense, hardness~4.5, chloritic composition, amphibole-rich, 0.5% fracture filling white calc various angles.<br>Non-magnetic, trace very fine specks pyrite disseminated, weak shear foliation 0-30 degree, RQD 95.                                                                                                                                                                                                                                                                               |                                      |                                      |                                      |                              |                      |                      |                    |                          |                        |                             |                      |                      |                      |        |        |  |
|          |        | 108.00 110.00 Contact with KOMATIITIC PERIDOTITE BRECCIA (sga) below.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                      |                                      |                                      |                              |                      |                      |                    |                          |                        |                             |                      |                      |                      |        |        |  |
| 110.00   | 117.70 | GRAPHITIC ARGILLITE<br>Breccia 70:30 sga: mafic intrusive.<br>GRAPHITIC ARGILLITE black aphanitic charcoal-like. 3% bluish calc/qc up to 1cm generally 35, occasional 20 deg.<br>Non-magnetic, barren, 10% gouge//weak shear foliation 20-35, RQD 90%.                                                                                                                                                                                                                                                                                                                                                                         |                                      |                                      |                                      |                              |                      |                      |                    |                          |                        |                             |                      |                      |                      |        |        |  |
| 117.70   | 120.50 | KOMATIITIC PERIDOTITE BRECCIA<br>Breccia 60:40 sga: KOMATIITIC PERIDOTITE MESOCUMULATE.<br>25cm Wedge FELSIC INTRUSIVE (UNDIFFERENTIATED), upper contact 50/lc 60. KOMATIITIC PERIDOTITE MESOCUMULATE dark green fine grained wkly serpentine. Non-magnetic, barren, 15% gouge//weak shear foliation generally 40, RQD 70%.                                                                                                                                                                                                                                                                                                    |                                      |                                      |                                      |                              |                      |                      |                    |                          |                        |                             |                      |                      |                      |        |        |  |
| 120.50   | 137.00 | KOMATIITIC PERIDOTITE MESOCUMULATE<br>Upper contact gradational.<br>Dark grey, vfine grained, massive, strongly talcose. 5% white ff/stringers up to 1cm 20-70 deg.<br>Non-magnetic, 0-trace pyrrhotite, RQD 75.<br>133.00 Increase in serpentine to moderate to wall rock medium greenish-grey.<br>Increase in stringers calc/qc/talc to 10%.<br>136.00 138.00 Single 2cm white quartz-carbonate straceinger with 3mm bleb brassy po/pn, trace po/pn disseminated in wall rock.<br>133.00 134.00 KOMATIITIC PERIDOTITE MESOCUMULATE, trace pyrrhotite.<br>134.00 135.00 KOMATIITIC PERIDOTITE MESOCUMULATE, trace pyrrhotite. | 106610<br>106611<br>106612<br>106613 | 133.00<br>134.00<br>135.00<br>136.00 | 134.00<br>135.00<br>136.00<br>137.00 | 1.00<br>1.00<br>1.00<br>1.00 | <5<br><5<br><5<br><5 | <5<br><5<br><5<br><5 | 6<br>7<br><5<br>11 | <.2<br><.2<br><.2<br><.2 | 51<br>70<br>110<br>177 | 1425<br>1164<br>1131<br>843 | 39<br>37<br>42<br>50 | 26<br>40<br>39<br>26 | 68<br>68<br>81<br>89 |        |        |  |

| From (m) | To (m) | Geology                                                                                                                                                                                                                                                                      | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |  |
|----------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|--|
|          |        | 135.00 136.00 KOMATIITIC PERIDOTITE MESOCUMULATE, trace pyrrhotite.                                                                                                                                                                                                          |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 136.00 137.00 KOMATIITIC PERIDOTITE MESOCUMULATE, trace pyrrhotite.                                                                                                                                                                                                          |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 137.00   | 158.90 | KOMATIITIC PERIDOTITE ADCUMULATE<br>Upper contact gradational.                                                                                                                                                                                                               | 106614 | 137.00   | 138.00 | 1.00  | <5       | <5       | <5       | <.2      | 134      | 1335     | 59       | 33       | 92       |        |        |  |
|          |        | 80:20 Kpda: KOMATIITIC PERIDOTITE MESOCUMULATE (fluctuates from aphanitic to v fine grained).                                                                                                                                                                                | 106615 | 155.00   | 156.00 | 1.00  | <5       | <5       | <5       | <.2      | 70       | 1828     | 29       | 23       | 84       |        |        |  |
|          |        | Emerald black to very dark grey, aphanitic, massive, wkly-mod serpentine/ wkly talcose. 0.5% hair line fracture filling pure pistachio green serpentine, various angles.                                                                                                     | 106616 | 156.00   | 157.00 | 1.00  | <5       | <5       | 7        | <.2      | 47       | 1895     | 29       | 23       | 80       |        |        |  |
|          |        | Non-very weakly magnetic, 0-trace po/pn, RQD 90%.                                                                                                                                                                                                                            | 106617 | 157.00   | 158.00 | 1.00  | <5       | <5       | <5       | <.2      | 56       | 1992     | 33       | 26       | 90       |        |        |  |
|          |        | 140.00 141.00 Very slightly fractured and calc-healed.                                                                                                                                                                                                                       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 157.00 158.00 Trace very fine specks brassy po/pn diss.                                                                                                                                                                                                                      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 137.00 138.00 KOMATIITIC PERIDOTITE MESOCUMULATE, trace pyrrhotite.                                                                                                                                                                                                          |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 155.00 156.00 KOMATIITIC PERIDOTITE ADCUMULATE, trace pyrrhotite.                                                                                                                                                                                                            |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 156.00 157.00 KOMATIITIC PERIDOTITE ADCUMULATE, trace pyrrhotite.                                                                                                                                                                                                            |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 157.00 158.00 KOMATIITIC PERIDOTITE ADCUMULATE, trace pyrrhotite.                                                                                                                                                                                                            |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 158.90   | 161.90 | MAFIC INTRUSIVE<br>Upper/lower sharp 50/30.<br>Medium grey, fine grained, sand-sized, grainy, massive, homogeneous, hardness~4.5, not glassy, chloritic composition, strong calc-alt. 2% white calc/qc up to 2cm at 40deg.<br>Non magnetic, trace very fine pyrite, RQD 95%. |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 161.90   | 177.00 | KOMATIITIC PERIDOTITE ADCUMULATE<br>As from 137.0-158.9m.<br>Trace-0.5% very fine brassy specks po/pn diss.                                                                                                                                                                  | 106618 | 161.90   | 163.00 | 1.10  | <5       | <5       | <5       | <.2      | 105      | 940      | 22       | 15       | 50       |        |        |  |
|          |        | 163.90 Trace fine grained blebs chalcopyrite.                                                                                                                                                                                                                                | 106619 | 163.00   | 164.00 | 1.00  | <5       | <5       | <5       | <.2      | 60       | 1962     | 38       | 32       | 92       |        |        |  |
|          |        | 161.90 163.00 KOMATIITIC PERIDOTITE ADCUMULATE, trace-0.5% pyrrhotite.                                                                                                                                                                                                       | 106620 | 164.00   | 165.00 | 1.00  | <5       | <5       | <5       | <.2      | 46       | 1340     | 36       | 25       | 69       |        |        |  |
|          |        | 163.00 164.00 KOMATIITIC PERIDOTITE ADCUMULATE, trace-0.5% pyrrhotite, trace chalcopyrite.                                                                                                                                                                                   | 106621 | 165.00   | 166.00 | 1.00  | <5       | <5       | <5       | <.2      | 49       | 1725     | 37       | 31       | 80       |        |        |  |
|          |        | 163.00 164.00 KOMATIITIC PERIDOTITE ADCUMULATE, trace-0.5% pyrrhotite, trace chalcopyrite.                                                                                                                                                                                   | 106622 | 166.00   | 167.00 | 1.00  | <5       | <5       | <5       | <.2      | 50       | 1833     | 45       | 30       | 88       |        |        |  |
|          |        | 163.00 164.00 KOMATIITIC PERIDOTITE ADCUMULATE, trace-0.5% pyrrhotite, trace chalcopyrite.                                                                                                                                                                                   | 106623 | 167.00   | 168.00 | 1.00  | <5       | <5       | <5       | <.2      | 61       | 1769     | 36       | 30       | 90       |        |        |  |
|          |        | 164.00 165.00 KOMATIITIC PERIDOTITE ADCUMULATE, trace-0.5% pyrrhotite.                                                                                                                                                                                                       | 106624 | 168.00   | 169.00 | 1.00  | <5       | <5       | 6        | .4       | 53       | 1771     | 35       | 23       | 88       |        |        |  |
|          |        | 164.00 165.00 KOMATIITIC PERIDOTITE ADCUMULATE, trace-0.5% pyrrhotite.                                                                                                                                                                                                       | 106625 | 169.00   | 169.00 | .00   | 14       | 70       | 78       | .6       | 1912     | 20500    | 90       | 56       | 395      |        |        |  |
|          |        | 164.00 165.00 KOMATIITIC PERIDOTITE ADCUMULATE, trace-0.5% pyrrhotite.                                                                                                                                                                                                       | 106626 | 169.00   | 170.00 | 1.00  | <5       | <5       | <5       | <.2      | 64       | 1703     | 39       | 26       | 88       |        |        |  |
|          |        | 165.00 166.00 KOMATIITIC PERIDOTITE ADCUMULATE, trace-0.5% pyrrhotite.                                                                                                                                                                                                       | 106627 | 170.00   | 171.00 | 1.00  | <5       | <5       | <5       | <.2      | 55       | 1789     | 39       | 28       | 92       |        |        |  |
|          |        | 165.00 166.00 KOMATIITIC PERIDOTITE ADCUMULATE, trace-0.5% pyrrhotite.                                                                                                                                                                                                       | 106628 | 171.00   | 172.00 | 1.00  | <5       | <5       | <5       | <.2      | 52       | 1835     | 39       | 32       | 89       |        |        |  |
|          |        | 166.00 167.00 KOMATIITIC PERIDOTITE ADCUMULATE, trace-0.5% pyrrhotite.                                                                                                                                                                                                       | 106629 | 172.00   | 173.00 | 1.00  | <5       | <5       | <5       | <.2      | 56       | 1897     | 39       | 35       | 94       |        |        |  |
|          |        | 166.00 167.00 KOMATIITIC PERIDOTITE ADCUMULATE, trace-0.5% pyrrhotite.                                                                                                                                                                                                       | 106630 | 173.00   | 174.00 | 1.00  | <5       | <5       | <5       | <.2      | 63       | 1816     | 41       | 32       | 94       |        |        |  |
|          |        | 167.00 168.00 KOMATIITIC PERIDOTITE ADCUMULATE, trace-0.5% pyrrhotite.                                                                                                                                                                                                       | 106631 | 174.00   | 175.00 | 1.00  | <5       | <5       | <5       | <.2      | 64       | 1890     | 45       | 30       | 100      |        |        |  |
|          |        | 167.00 168.00 KOMATIITIC PERIDOTITE ADCUMULATE, trace-0.5% pyrrhotite.                                                                                                                                                                                                       | 106632 | 175.00   | 176.00 | 1.00  | <5       | 8        | 10       | <.2      | 712      | 1413     | 52       | 32       | 103      |        |        |  |







| From (m) | To (m) | Geology                                                                                                                                                                                                                                                | Sample                                                                      | From (m) | To (m) | L (m)  | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |  |
|----------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|----------|--------|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|--|
|          |        | core.                                                                                                                                                                                                                                                  |                                                                             |          |        |        |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 196.00 | 197.00                                                                                                                                                                                                                                                 | 4-5% semi massive sulphide stringer and half a dozen or so 1cm sized blebs. |          |        |        |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 197.00 | 198.00                                                                                                                                                                                                                                                 | Trace po.                                                                   |          |        |        |          |          |          |          |          |          |          |          |          |        |        |  |
| 198.00   | 199.00 | KOMATIITIC PERIDOTITE AMYGDALOIDAL Upper/lower gradational. Amygdaloidal marker horizon. Dark grey, aphanitic, matrix with 10% dark grey serpentine blebs. 3% Fracture filling white qc/calc 30-80 deg. Non-magnetic, rare speck po/py, RQD 90. Blank. | 106657                                                                      | 198.00   | 199.00 | 1.00   | <5       | 14       | 12       | <.2      | 66       | 1165     | 41       | 24       | 70       |        |        |  |
|          | 198.00 | 199.00                                                                                                                                                                                                                                                 | KOMATIITIC PERIDOTITE MESOCUMULATE, 0.5-1.0% pyrrhotite.                    |          |        |        |          |          |          |          |          |          |          |          |          |        |        |  |
| 199.00   | 212.00 | KOMATIITIC PERIDOTITE MESOCUMULATE Dark grey, fine grained, massive, with 20% black serpentine up to 2mm disseminated throughout. Wkly magnetic, trace pyrrhotite, RQD 95. Two 10cm intervals spinifex.                                                | 106658                                                                      | 199.00   | 200.00 | 1.00   | <5       | 10       | 9        | <.2      | 188      | 1346     | 57       | 31       | 80       |        |        |  |
|          |        |                                                                                                                                                                                                                                                        | 106659                                                                      | 200.00   | 201.00 | 1.00   | <5       | <5       | <5       | <.2      | 75       | 1374     | 52       | 38       | 76       |        |        |  |
|          |        |                                                                                                                                                                                                                                                        | 106660                                                                      | 201.00   | 202.00 | 1.00   | <5       | 8        | 6        | <.2      | 71       | 1471     | 51       | 33       | 84       |        |        |  |
|          | 210.00 | 212.00                                                                                                                                                                                                                                                 | Two 10cm intervals spinifex.                                                | 106661   | 202.00 | 203.00 | 1.00     | <5       | <5       | <.2      | 60       | 1537     | 45       | 29       | 85       |        |        |  |
|          | 199.00 | 200.00                                                                                                                                                                                                                                                 | KOMATIITIC PERIDOTITE MESOCUMULATE, trace pyrrhotite.                       | 106662   | 203.00 | 204.00 | 1.00     | <5       | 8        | 10       | <.2      | 65       | 1375     | 50       | 32       | 86     |        |  |
|          |        |                                                                                                                                                                                                                                                        | 106663                                                                      | 204.00   | 205.00 | 1.00   | <5       | <5       | <.2      | 70       | 1293     | 47       | 31       | 78       |          |        |        |  |
|          | 200.00 | 201.00                                                                                                                                                                                                                                                 | KOMATIITIC PERIDOTITE MESOCUMULATE, trace pyrrhotite.                       | 106664   | 205.00 | 206.00 | 1.00     | <5       | 11       | 6        | <.2      | 73       | 1362     | 45       | 30       | 82     |        |  |
|          |        |                                                                                                                                                                                                                                                        | 106665                                                                      | 206.00   | 207.00 | 1.00   | <5       | 6        | 10       | <.2      | 147      | 1217     | 37       | 28       | 83       |        |        |  |
|          | 201.00 | 202.00                                                                                                                                                                                                                                                 | KOMATIITIC PERIDOTITE MESOCUMULATE, trace pyrrhotite.                       | 106666   | 207.00 | 208.00 | 1.00     | <5       | <5       | <.2      | 124      | 1049     | 37       | 28       | 75       |        |        |  |
|          |        |                                                                                                                                                                                                                                                        | 106667                                                                      | 208.00   | 209.00 | 1.00   | 5        | 12       | 8        | <.2      | 89       | 1185     | 40       | 32       | 78       |        |        |  |
|          | 202.00 | 203.00                                                                                                                                                                                                                                                 | KOMATIITIC PERIDOTITE MESOCUMULATE, trace pyrrhotite.                       | 106668   | 209.00 | 210.00 | 1.00     | <5       | 14       | 9        | <.2      | 99       | 1192     | 39       | 29       | 80     |        |  |
|          |        |                                                                                                                                                                                                                                                        | 106669                                                                      | 210.00   | 211.00 | 1.00   | <5       | 14       | 10       | <.2      | 106      | 1019     | 35       | 38       | 71       |        |        |  |
|          | 203.00 | 204.00                                                                                                                                                                                                                                                 | KOMATIITIC PERIDOTITE MESOCUMULATE, trace pyrrhotite.                       | 106670   | 211.00 | 212.00 | 1.00     | <5       | 11       | 8        | <.2      | 162      | 1641     | 38       | 27       | 88     |        |  |
|          |        |                                                                                                                                                                                                                                                        |                                                                             |          |        |        |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 204.00 | 205.00                                                                                                                                                                                                                                                 | KOMATIITIC PERIDOTITE MESOCUMULATE, trace pyrrhotite.                       |          |        |        |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        |                                                                                                                                                                                                                                                        |                                                                             |          |        |        |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 205.00 | 206.00                                                                                                                                                                                                                                                 | KOMATIITIC PERIDOTITE MESOCUMULATE, trace pyrrhotite.                       |          |        |        |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        |                                                                                                                                                                                                                                                        |                                                                             |          |        |        |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 206.00 | 207.00                                                                                                                                                                                                                                                 | KOMATIITIC PERIDOTITE MESOCUMULATE, trace pyrrhotite.                       |          |        |        |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        |                                                                                                                                                                                                                                                        |                                                                             |          |        |        |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 207.00 | 208.00                                                                                                                                                                                                                                                 | KOMATIITIC PERIDOTITE MESOCUMULATE, trace pyrrhotite.                       |          |        |        |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        |                                                                                                                                                                                                                                                        |                                                                             |          |        |        |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 208.00 | 209.00                                                                                                                                                                                                                                                 | KOMATIITIC PERIDOTITE MESOCUMULATE, trace pyrrhotite.                       |          |        |        |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        |                                                                                                                                                                                                                                                        |                                                                             |          |        |        |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 209.00 | 210.00                                                                                                                                                                                                                                                 | KOMATIITIC PERIDOTITE MESOCUMULATE, trace pyrrhotite.                       |          |        |        |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        |                                                                                                                                                                                                                                                        |                                                                             |          |        |        |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 210.00 | 211.00                                                                                                                                                                                                                                                 | KOMATIITIC PERIDOTITE MESOCUMULATE, trace pyrrhotite.                       |          |        |        |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        |                                                                                                                                                                                                                                                        |                                                                             |          |        |        |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 211.00 | 212.00                                                                                                                                                                                                                                                 | KOMATIITIC PERIDOTITE MESOCUMULATE, trace pyrrhotite.                       |          |        |        |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        |                                                                                                                                                                                                                                                        |                                                                             |          |        |        |          |          |          |          |          |          |          |          |          |        |        |  |
| 212.00   | 214.60 | KOMATIITIC PERIDOTITE BRECCIA Breccia KOMATIITIC SPINIFEX PERIDOTITE                                                                                                                                                                                   | 106671                                                                      | 212.00   | 213.00 | 1.00   | <5       | 16       | 12       | <.2      | 116      | 868      | 48       | 30       | 79       |        |        |  |





| From (m) | To (m) | Geology                                                                                                                                                                                                                                                                                                     | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |  |
|----------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|--|
|          |        | 226.80 227.10 226.8-227.1m 1% pyrrhotite.                                                                                                                                                                                                                                                                   |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 227.10 228.10 227.1-230.1m breccia KOMATIITIC                                                                                                                                                                                                                                                               |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | SPINIFEX PERIDOTITE frags, 1% pyrrhotite.                                                                                                                                                                                                                                                                   |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 230.10 231.00 230.1-233.5m breccia GRAPHITIC                                                                                                                                                                                                                                                                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | ARGILLITE frags, 1% po/py ff/blebs//strong shear foliation, up to 0.5% chalcopyrite along fracture.                                                                                                                                                                                                         |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 233.50 234.00 233.5-234.6m breccia 80:20 kpdm: GRAPHITIC ARGILLITE frags/graphite-healed, trace po/cpy.                                                                                                                                                                                                     |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 234.60   | 244.00 | GRANODIORITE Upper contact sharp 55. Medium grey, medium grained, massive, predominantly quartz/white plagioclase matrix with 10% phenocrysts white plagioclase < 3mm diameter, wkly aligned at 30 deg. Non magnetic, trace-0.5% cubic py < 1mm disseminated and as blebs up to 3mm along fracture, RQD 90. | 106700 | 234.60   | 234.60 | .00   | <5       | <5       | <5       | <.2      | 110      | 61       | 55       | 18       | 16       |        |        |  |
|          |        | 234.60 Blank, last sample.                                                                                                                                                                                                                                                                                  |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 244.00   |        | END OF HOLE                                                                                                                                                                                                                                                                                                 |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |

Northing: 5349550.00 DRILL HOLE RECORD Drill Hole: GCL08-52  
 Easting: 497475.00  
 Elevation: 284.25 \*\*\* Dip Tests \*\*\* Project: Langmuir Zone  
 Depth Azi. Dip Property: Langmuir  
 Collar Azi.: 180.0 Claim: 4203498  
 Collar Dip: -61.0 29 183.2 -61.3 Northing: 2+50 N  
 80 183.9 -62.2 Easting: 0+46 E  
 131 184.5 -62.0 GPS Northing: 5349550  
 Hole length: 239.00 185 185.9 -62.2 GPS Easting: 497475  
 Units: Metric 236 187.9 -62.3 Date Started: March 11, 2008  
 Core size: NQ Date completed: March 12, 2008  
 Grid: Metric 2007 Drilled by: Norex  
 Sample type: Cut Core  
 Materials left: Casing Pulled, Cemented Analyses: PM 30g FA, BM AA  
 Collar survey: Chained & GPS Lab: Expert  
 DH Survey method: Reflex Sample series: 106559-609,106701-744  
 Lab report: 22608  
 Comments: N/A  
 Logged by: S. Beauchamp  
 Date(s) logged: March 17, 2008  
 Purpose: N/A  
 Core storage: Hastings Facility Timmins

| From (m) | To (m) | Geology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |
|----------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|
| .00      | 12.00  | OVERBURDEN<br>NW Casing.<br>11.50 12.00 Overburden rubble.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 12.00    | 16.70  | GRANODIORITE<br>Medium grey, medium grained, massive, glassy,<br>quartz and white plagioclase groundmass with 10%<br>phenocrysts of anhedral white.<br>Plagioclase up to 3mm diameter. Non magnetic, trace<br>cubic pyrite up to 1mm disseminated, RQD 90.                                                                                                                                                                                                                                                                                                                           |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 16.70    | 86.70  | KOMATIITIC PERIDOTITE MESOCUMULATE<br>Upper contact sharp 50 degrees.<br>Medium grey, fine grained, massive, very soapy,<br>strongly talcose. 10% swirly irregular stringers of<br>white and aqua talc / calcite, <2cm,.<br>Generally shallow contacts.<br>Non magnetic, 0-trace silvery cubic pyrite <1mm<br>disseminated. 1% gouge, RQD 95 from 18-30m, RQD 60<br>from 30-36m.<br>16.70 17.00 30% fault gouge at 70 degrees.<br>30.00 31.00 10% gouge parallel strong shearing of<br>35 degrees, RQD 50, breaks at 30&75<br>degrees.<br>33.60 35.00 Strongly serpentized, with 10% |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |





| From (m) | To (m) | Geology                                                                                                                                                                                                                                                                                                                                                                    | Sample                                                                                                                                             | From (m)                                                                                                                                           | To (m)                                                                                                                                   | L (m)                                                                                                              | Au (ppb)                                                                             | Pt (ppb)                                                                            | Pd (ppb)                                                                              | Ag (ppm)                                                                                              | Cu (ppm)                                                                                     | Ni (ppm)                                                                                                 | Zn (ppm)                                                                                | Pb (ppm)                                                                         | Co (ppm)                                                                         | Cu (%) | Ni (%) |  |
|----------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------|--------|--------|--|
| 109.00   | 119.90 | KOMATIITIC PERIDOTITE MESOCUMULATE<br>Upper contact gradational.<br>Medium grey, fine grained, massive, homogenous,<br>weakly talcose. 3% white calcite / quartz carbonate<br>stringers <1cm generally 25-55.<br>Degrees. Non magnetic, no visible sulphides, RQD 90.                                                                                                      |                                                                                                                                                    |                                                                                                                                                    |                                                                                                                                          |                                                                                                                    |                                                                                      |                                                                                     |                                                                                       |                                                                                                       |                                                                                              |                                                                                                          |                                                                                         |                                                                                  |                                                                                  |        |        |  |
| 119.90   | 121.30 | GRANITE<br>Upper contact sharp 40 degrees.<br>Pinkish buff, granitic composition, not glassy,<br>trace pyrite, RQD 100.                                                                                                                                                                                                                                                    |                                                                                                                                                    |                                                                                                                                                    |                                                                                                                                          |                                                                                                                    |                                                                                      |                                                                                     |                                                                                       |                                                                                                       |                                                                                              |                                                                                                          |                                                                                         |                                                                                  |                                                                                  |        |        |  |
| 121.30   | 127.50 | KOMATIITIC PERIDOTITE MESOCUMULATE<br>As from 109.0-119.9, progressively more talcose &<br>serpentinized downhole. No visible sulphides, RQD<br>90.                                                                                                                                                                                                                        |                                                                                                                                                    |                                                                                                                                                    |                                                                                                                                          |                                                                                                                    |                                                                                      |                                                                                     |                                                                                       |                                                                                                       |                                                                                              |                                                                                                          |                                                                                         |                                                                                  |                                                                                  |        |        |  |
| 127.50   | 130.40 | KOMATIITIC SPINIFEX PERIDOTITE<br>Upper contact gradational.<br>Dark green, strongly serpentinized matrix with<br>distinct Spinifex texture. Olivine black, 1-3cm<br>random asterisk* like. No stringers.<br>Non to slightly magnetic, trace blebs pyrite /<br>pyrrhotite disseminated. Single brassy 1x2cm bleb<br>pyrrhotite at 127.9. RQD 95.<br>128.00 20cm wedge SGA. | 106563                                                                                                                                             | 129.40                                                                                                                                             | 130.40                                                                                                                                   | 1.00                                                                                                               | <5                                                                                   | <5                                                                                  | 6                                                                                     | <.2                                                                                                   | 113                                                                                          | 563                                                                                                      | 187                                                                                     | 38                                                                               | 79                                                                               |        |        |  |
| 130.40   | 131.40 | GRAPHITIC ARGILLITE<br>Upper contact sharp 40 degrees.<br>Black and metallic, aphanitic, charcoal like and<br>greasy. 5% banded white calcite / quartz carbonate<br>stringers 1cm parallel shearing of.<br>35-40 Degrees. Strongly magnetic, 1% blebs <1cm of<br>pyrrhotite disseminated.                                                                                  | 106564                                                                                                                                             | 130.40                                                                                                                                             | 131.40                                                                                                                                   | 1.00                                                                                                               | 38                                                                                   | <5                                                                                  | 22                                                                                    | .5                                                                                                    | 1146                                                                                         | 554                                                                                                      | 2181                                                                                    | 45                                                                               | 149                                                                              |        |        |  |
| 131.40   | 145.50 | KOMATIITIC PERIDOTITE MESOCUMULATE<br>Weakly brecciated, 10% graphite healed. Medium<br>green, fine grained, moderately talcose and<br>serpentinized. 1-5% talc stringers, parallel.<br>Shearing at 35-40 degrees. Progressively weakly to<br>non magnetic downhole, RQD 60.<br>Trace pyrrhotite, and rare very fine silvery cubic<br>pyrite disseminated, RQD 60.         | 106565<br>106566<br>106567<br>106701<br>106702<br>106703<br>106704<br>106705<br>106706<br>106707<br>106708<br>106709<br>106710<br>106711<br>106712 | 131.40<br>132.40<br>133.40<br>134.40<br>135.00<br>136.00<br>137.00<br>138.00<br>139.00<br>140.00<br>141.00<br>142.00<br>143.00<br>144.00<br>145.00 | 132.40<br>133.40<br>134.40<br>135.00<br>136.00<br>137.00<br>138.00<br>139.00<br>140.00<br>141.00<br>142.00<br>143.00<br>144.00<br>145.00 | 1.00<br>1.00<br>1.00<br>.60<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>.50 | <5<br><5<br><5<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3 | 6<br><5<br><5<br>5<br>7<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3<br>3 | 12<br>9<br>9<br>8<br>10<br>3<br>3<br>8<br>9<br>11<br>11<br>12<br>12<br>13<br>13<br>14 | <.2<br><.2<br><.2<br>.1<br>.1<br>.1<br>.1<br>.1<br>.1<br>.1<br>.1<br>.1<br>.1<br>.1<br>.1<br>.1<br>.1 | 138<br>120<br>78<br>45<br>57<br>47<br>47<br>138<br>56<br>102<br>118<br>79<br>90<br>86<br>126 | 875<br>848<br>787<br>698<br>542<br>1095<br>1600<br>1365<br>685<br>397<br>257<br>310<br>218<br>191<br>253 | 132<br>50<br>56<br>58<br>75<br>40<br>46<br>36<br>38<br>43<br>38<br>41<br>46<br>68<br>75 | 32<br>28<br>29<br>37<br>35<br>24<br>28<br>26<br>26<br>22<br>21<br>30<br>44<br>36 | 76<br>68<br>74<br>61<br>59<br>61<br>81<br>83<br>65<br>58<br>46<br>46<br>55<br>73 |        |        |  |

| From (m) | To (m) | Geology                                                             | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |
|----------|--------|---------------------------------------------------------------------|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|
| 145.50   | 154.40 | KOMATIITIC PERIDOTITE ADCUMULATE<br>Upper contact gradational.      | 106713 | 145.50   | 146.00 | .50   | 15       | 3        | 3        | .1       | 314      | 1099     | 34       | 23       | 62       |        |        |
|          |        | Dark greenish grey, aphanitic, massive, homogenous.                 | 106714 | 146.00   | 147.00 | 1.00  | 3        | 3        | 3        | .1       | 309      | 1338     | 35       | 27       | 76       |        |        |
|          |        | 5% talc stringers 1-5cm generally 35-40 degrees.                    | 106715 | 147.00   | 148.00 | 1.00  | 3        | 59       | 107      | .1       | 52       | 1497     | 40       | 30       | 80       |        |        |
|          |        | 0.5% pure fracture fillings.                                        | 106716 | 148.00   | 149.00 | 1.00  | 3        | 3        | 5        | .1       | 43       | 1459     | 34       | 32       | 69       |        |        |
|          |        | Serpentine.                                                         | 106717 | 149.00   | 150.00 | 1.00  | 3        | 3        | 3        | .1       | 51       | 1738     | 40       | 44       | 82       |        |        |
|          |        | Non magnetic, rare very fine speck pyrrhotite and                   | 106718 | 150.00   | 151.00 | 1.00  | 3        | 60       | 35       | .1       | 86       | 1865     | 37       | 35       | 86       |        |        |
|          |        | cube of pyrite, RQD 90.                                             | 106719 | 151.00   | 152.00 | 1.00  | 3        | 41       | 22       | .1       | 54       | 1721     | 37       | 31       | 80       |        |        |
|          |        |                                                                     | 106720 | 152.00   | 153.00 | 1.00  | 3        | 3        | 3        | .1       | 52       | 1866     | 37       | 31       | 86       |        |        |
|          |        |                                                                     | 106721 | 153.00   | 154.00 | 1.00  | 3        | 3        | 3        | .1       | 50       | 1531     | 35       | 32       | 74       |        |        |
|          |        |                                                                     | 106722 | 154.00   | 154.40 | .40   | 3        | 3        | 3        | .1       | 43       | 848      | 44       | 36       | 46       |        |        |
| 154.40   | 155.40 | MAFIC DYKE<br>Upper contact sharp 35 degrees.                       | 106723 | 154.40   | 155.40 | 1.00  | 3        | 3        | 3        | .1       | 44       | 287      | 79       | 56       | 36       |        |        |
|          |        | Medium grey to buff, medium grained, massive,                       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | homogenous, not glassy, hardness ~4.5, chloritic                    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | streak.                                                             |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Non magnetic, trace py, RQD 95.                                     |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 155.40   | 162.00 | KOMATIITIC PERIDOTITE ADCUMULATE<br>Upper contact sharp but broken. | 106724 | 155.40   | 156.00 | .60   | 3        | 3        | 3        | .1       | 55       | 370      | 82       | 44       | 42       |        |        |
|          |        | Dark grey, very fine grained, massive, weakly                       | 106725 | 156.00   | 156.00 | .00   | 14       | 64       | 90       | .6       | 2713     | 13800    | 85       | 34       | 213      |        |        |
|          |        | serpentinized. 3% stringers <1cm generally 25-55                    | 106726 | 156.00   | 157.00 | 1.00  | 3        | 3        | 3        | .1       | 75       | 2016     | 36       | 38       | 95       |        |        |
|          |        | degrees.                                                            | 106727 | 157.00   | 158.00 | 1.00  | 3        | 3        | 3        | .1       | 59       | 2017     | 37       | 33       | 93       |        |        |
|          |        | Non magnetic, rare very fine speck of pyrrhotite                    | 106728 | 158.00   | 159.00 | 1.00  | 3        | 3        | 3        | .2       | 67       | 1953     | 40       | 28       | 90       |        |        |
|          |        | and cube of pyrite, RQD 75.                                         | 106729 | 159.00   | 160.00 | 1.00  | 3        | 3        | 3        | .4       | 53       | 1899     | 40       | 31       | 90       |        |        |
|          |        | 156.00 Ni STANDARD 113.                                             | 106730 | 160.00   | 161.00 | 1.00  | 3        | 3        | 3        | .1       | 47       | 1948     | 33       | 31       | 91       |        |        |
|          |        |                                                                     | 106731 | 161.00   | 162.00 | 1.00  | 3        | 3        | 3        | .1       | 49       | 1970     | 34       | 35       | 91       |        |        |
| 162.00   | 174.00 | KOMATIITIC PERIDOTITE MESOCUMULATE<br>Contacts gradational.         | 106732 | 162.00   | 163.00 | 1.00  | 3        | 3        | 3        | .1       | 237      | 1582     | 34       | 39       | 95       |        |        |
|          |        | As above, with rare speck pyrrhotite and very fine                  | 106733 | 163.00   | 164.00 | 1.00  | 3        | 12       | 9        | .1       | 123      | 1787     | 43       | 38       | 99       |        |        |
|          |        | cubic pyrite.                                                       | 106734 | 164.00   | 165.00 | 1.00  | 3        | 3        | 3        | .1       | 60       | 1418     | 32       | 44       | 73       |        |        |
|          |        | 162.0-163.4 Distinct pattern of irregularly shaped                  | 106735 | 165.00   | 166.00 | 1.00  | 3        | 3        | 3        | .1       | 55       | 2115     | 38       | 37       | 99       |        |        |
|          |        | clots of black serpentine generally 0.3cm long, all                 | 106736 | 166.00   | 167.00 | 1.00  | 3        | 3        | 3        | .6       | 63       | 2121     | 35       | 32       | 99       |        |        |
|          |        | weakly oriented at 30 degrees, possibly.                            | 106737 | 167.00   | 168.00 | 1.00  | 3        | 3        | 3        | .1       | 103      | 1754     | 34       | 35       | 87       |        |        |
|          |        | Sheared KPDY amygdules.                                             | 106738 | 168.00   | 169.00 | 1.00  | 3        | 3        | 3        | .1       | 54       | 1791     | 34       | 35       | 87       |        |        |
|          |        | 163.40 164.30 Slightly fractured and 10% calcite                    | 106739 | 169.00   | 170.00 | 1.00  | 3        | 3        | 3        | .1       | 214      | 1707     | 35       | 35       | 92       |        |        |
|          |        | healed.                                                             | 106740 | 170.00   | 171.00 | 1.00  | 3        | 3        | 3        | .1       | 566      | 1308     | 30       | 40       | 83       |        |        |
|          |        | 164.30 30cm talc / calcite stringer contacts                        | 106741 | 171.00   | 172.00 | 1.00  | 3        | 3        | 3        | .1       | 126      | 1373     | 33       | 31       | 88       |        |        |
|          |        | sharp 25-35 degrees.                                                | 106742 | 172.00   | 173.00 | 1.00  | 3        | 3        | 3        | .1       | 74       | 1556     | 35       | 37       | 98       |        |        |
|          |        | 167.90 10cm section KOSX/KPDY, distinct                             | 106743 | 173.00   | 174.00 | 1.00  | 7        | 3        | 3        | .1       | 64       | 1626     | 37       | 34       | 98       |        |        |
|          |        | random chicken scratch Spinifex and                                 |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 0.5cm amygdules black serpentine.                                   |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 170.00 174.00 Same pattern as 162.0-163.4, non                      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | magnetic, weakly sheared at 30                                      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | degrees, RQD 95.                                                    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 174.00   | 176.90 | KOMATIITIC PERIDOTITE ADCUMULATE<br>Upper contact gradational.      | 106744 | 174.00   | 175.00 | 1.00  | 3        | 3        | 3        | .1       | 95       | 1587     | 37       | 37       | 103      |        |        |

| From (m) | To (m) | Geology                                                                                                                                                                                                                                                             | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |
|----------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|
|          |        | As above, without fracture fillings or stringers.                                                                                                                                                                                                                   | 106568 | 175.00   | 176.00 | 1.00  | <5       | <5       | <5       | <.2      | 705      | 1175     | 31       | 30       | 96       |        |        |
|          |        | 175.00 176.90 Trace clusters of very fine specks of chalcopyrite along fractures.                                                                                                                                                                                   | 106569 | 176.00   | 176.90 | .90   | 23       | <5       | 7        | <.2      | 704      | 512      | 34       | 26       | 72       |        |        |
| 176.90   | 181.60 | KOMATIITIC PERIDOTITE ORTHOCUMULATE<br>Upper contact distinct but faint.                                                                                                                                                                                            | 106570 | 180.60   | 181.60 | 1.00  | <5       | 25       | 18       | <.2      | 196      | 388      | 40       | 25       | 58       |        |        |
|          |        | Medium green/cream, fine to coarse grained, massive, 10% plagioclase content. 10% tan flecks of alteration, with a leucoxene like appearance, not calcite, disseminated throughout. 5% wispy white subhedral calcite disseminated, and only slight calcite altered. |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Non magnetic, no visible sulphides, RQD 95.                                                                                                                                                                                                                         |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 181.60   | 191.00 | KOMATIITIC PERIDOTITE ADCUMULATE<br>Upper contact sharp 60 degrees.                                                                                                                                                                                                 | 106571 | 181.60   | 182.00 | .40   | <5       | 44       | 254      | .3       | 418      | 8500     | 36       | 30       | 191      |        |        |
|          |        | Black, aphanitic, massive, slightly serpentized.                                                                                                                                                                                                                    | 106572 | 182.00   | 183.00 | 1.00  | <5       | 10       | 20       | <.2      | 213      | 1951     | 47       | 34       | 90       |        |        |
|          |        | Non to slightly magnetic, trace-0.5% very fine specks brassy pyrrhotite / pentlandite disseminated throughout and trace-0.5% fine.                                                                                                                                  | 106573 | 183.00   | 184.00 | 1.00  | <5       | 12       | 16       | <.2      | 123      | 1870     | 53       | 33       | 91       |        |        |
|          |        | Grained blebs pyrite along fractures, RQD 90.                                                                                                                                                                                                                       | 106574 | 184.00   | 185.00 | 1.00  | <5       | 14       | 18       | <.2      | 125      | 2091     | 61       | 32       | 94       |        |        |
|          |        | 1cm Stringer brassy pyrrhotite concentrated along upper contact.                                                                                                                                                                                                    | 106575 | 185.00   | 185.00 | .00   | 25       | 191      | 92       | .7       | 3073     | 6100     | 61       | 35       | 312      |        |        |
|          |        | 185.00 STANDARD Ni 112.                                                                                                                                                                                                                                             | 106576 | 185.00   | 186.00 | 1.00  | <5       | 17       | 38       | <.2      | 160      | 2286     | 54       | 34       | 101      |        |        |
|          |        |                                                                                                                                                                                                                                                                     | 106577 | 186.00   | 187.00 | 1.00  | <5       | 17       | 20       | <.2      | 285      | 2392     | 50       | 34       | 113      |        |        |
|          |        |                                                                                                                                                                                                                                                                     | 106578 | 187.00   | 188.00 | 1.00  | <5       | 14       | 20       | <.2      | 277      | 2418     | 50       | 29       | 114      |        |        |
|          |        |                                                                                                                                                                                                                                                                     | 106579 | 188.00   | 189.00 | 1.00  | 13       | 30       | 36       | <.2      | 533      | 3164     | 60       | 27       | 127      |        |        |
|          |        |                                                                                                                                                                                                                                                                     | 106580 | 189.00   | 190.00 | 1.00  | 15       | 24       | 38       | <.2      | 925      | 2600     | 81       | 32       | 111      |        |        |
|          |        |                                                                                                                                                                                                                                                                     | 106581 | 190.00   | 191.00 | 1.00  | <5       | 12       | 21       | <.2      | 162      | 1012     | 133      | 50       | 71       |        |        |
| 191.00   | 203.00 | GRAPHITIC ARGILLITE<br>Contacts gradational.                                                                                                                                                                                                                        | 106582 | 191.00   | 192.00 | 1.00  | 7        | 21       | 31       | <.2      | 124      | 1253     | 149      | 29       | 78       |        |        |
|          |        | SGA; Strongly breccia and Graphite-healed. Fragments black/metallic, aphanitic, charcoal-like/greasy, crumbly SGA.                                                                                                                                                  | 106583 | 192.00   | 193.00 | 1.00  | 7        | 9        | 12       | <.2      | 288      | 1328     | 813      | 33       | 105      |        |        |
|          |        | Non-magnetic, 2% anhedral blebs py <1cm along fracture, trace pyrrhotite, rare very fine speck of chalcopyrite, strong shear foliation/breaks gen 0-30 deg, RQD 40.                                                                                                 | 106584 | 193.00   | 194.00 | 1.00  | 16       | 9        | 23       | <.2      | 380      | 1243     | 1166     | 33       | 109      |        |        |
|          |        |                                                                                                                                                                                                                                                                     | 106585 | 194.00   | 195.00 | 1.00  | <5       | <5       | <5       | <.2      | 288      | 1151     | 179      | 26       | 91       |        |        |
|          |        |                                                                                                                                                                                                                                                                     | 106586 | 195.00   | 196.00 | 1.00  | 11       | 7        | 6        | <.2      | 95       | 1329     | 144      | 25       | 82       |        |        |
|          |        |                                                                                                                                                                                                                                                                     | 106587 | 196.00   | 197.00 | 1.00  | <5       | <5       | <5       | <.2      | 85       | 1260     | 160      | 37       | 77       |        |        |
|          |        |                                                                                                                                                                                                                                                                     | 106588 | 197.00   | 198.00 | 1.00  | <5       | <5       | 6        | <.2      | 113      | 755      | 178      | 35       | 73       |        |        |
|          |        |                                                                                                                                                                                                                                                                     | 106589 | 198.00   | 199.00 | 1.00  | <5       | <5       | <5       | 41.6     | 202      | 1062     | 240      | 36       | 88       |        |        |
|          |        |                                                                                                                                                                                                                                                                     | 106590 | 199.00   | 200.00 | 1.00  | 6        | <5       | <5       | .2       | 403      | 1421     | 1421     | 58       | 117      |        |        |
|          |        |                                                                                                                                                                                                                                                                     | 106591 | 200.00   | 201.00 | 1.00  | <5       | <5       | <5       | <.2      | 166      | 1228     | 202      | 29       | 83       |        |        |
|          |        |                                                                                                                                                                                                                                                                     | 106592 | 201.00   | 202.00 | 1.00  | <5       | <5       | <5       | <.2      | 96       | 959      | 128      | 29       | 78       |        |        |
|          |        |                                                                                                                                                                                                                                                                     | 106593 | 202.00   | 203.00 | 1.00  | <5       | <5       | <5       | <.2      | 95       | 888      | 115      | 27       | 76       |        |        |
| 203.00   | 212.00 | KOMATIITIC PERIDOTITE MESOCUMULATE<br>Contacts gradational.                                                                                                                                                                                                         | 106594 | 203.00   | 204.00 | 1.00  | <5       | <5       | 6        | <.2      | 91       | 678      | 108      | 26       | 70       |        |        |
|          |        | Weakly brecciated and graphite healed. Fragments dark greenish grey, weakly serpentized.                                                                                                                                                                            | 106595 | 204.00   | 205.00 | 1.00  | <5       | <5       | <5       | <.2      | 124      | 727      | 78       | 27       | 68       |        |        |
|          |        | Non to slightly magnetic, trace-0.5% very fine brassy specks pyrrhotite disseminated throughout. RQD 80.                                                                                                                                                            | 106596 | 205.00   | 206.00 | 1.00  | <5       | <5       | 6        | <.2      | 58       | 527      | 77       | 27       | 63       |        |        |
|          |        |                                                                                                                                                                                                                                                                     | 106597 | 206.00   | 207.00 | 1.00  | <5       | 8        | 11       | .2       | 57       | 601      | 84       | 41       | 65       |        |        |
|          |        |                                                                                                                                                                                                                                                                     | 106598 | 207.00   | 208.00 | 1.00  | <5       | <5       | 7        | <.2      | 73       | 740      | 65       | 28       | 66       |        |        |
|          |        |                                                                                                                                                                                                                                                                     | 106599 | 208.00   | 209.00 | 1.00  | <5       | <5       | <5       | <.2      | 141      | 993      | 46       | 25       | 65       |        |        |
|          |        | 209.00 BLANK, GCSH-05-02.                                                                                                                                                                                                                                           | 106600 | 209.00   | 209.00 | .00   | <5       | <5       | <5       | <.2      | 115      | 123      | 34       | 22       | 23       |        |        |
|          |        |                                                                                                                                                                                                                                                                     | 106601 | 209.00   | 210.00 | 1.00  | <5       | <5       | <5       | <.2      | 80       | 565      | 65       | 28       | 71       |        |        |
|          |        |                                                                                                                                                                                                                                                                     | 106602 | 210.00   | 211.00 | 1.00  | <5       | <5       | 13       | <.2      | 82       | 1002     | 57       | 27       | 73       |        |        |



Date: 15 Dec, 2008

GOLDEN CHALICE RESOURCES INC

Page: 1 of 6

Northing: 5349550.00
Easting: 497475.00
Elevation: 284.25

DRILL HOLE RECORD

Drill Hole: GCL08-51

Collar Azi.: 180.0
Collar Dip: -54.0

\*\*\* Dip Tests \*\*\*
Depth Azi. Dip

Project: Langmuir Zone
Property: Langmuir
Claim: 4203498
Northing: 2+50N
Easting: 0+46E
GPS Northing: 5349550
GPS Easting: 497475
Date Started: March 9, 2008
Date completed: March 11, 2008
Drilled by: Norex
Sample type: Cut Core
Analyses: PM 30g FA, BM AA
Lab: Expert
Sample series: 128458-500, 106551-558
Lab report: 22227

Hole length: 218.00
Units: Metric
Core size: NQ
Grid: Metric 2007

Table with 3 columns: Depth, Azi., Dip. Rows: 29 184.8 -54.3, 80 184.1 -54.2, 131 187.6 -54.6, 182 186.9 -54.8, 218 186.4 -55.1

Materials left: Casing Pulled and top 15 m of bedrock cemented
Collar survey: Chained & GPS
DH Survey method: Reflex

Comments: N/A
Logged by: S. Beauchamp
Date(s) logged: March 14, 2008
Purpose: N/A
Core storage: Hastings Facility Timmins

Table with columns: From (m), To (m), Geology, Sample, From (m), To (m), L (m), Au (ppb), Pt (ppb), Pd (ppb), Ag (ppm), Cu (ppm), Ni (ppm), Zn (ppm), Pb (ppm), Co (ppm), Cu (%) Ni (%)



| From (m) | To (m) | Geology                                                                                                                                                                                             | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |
|----------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|
| 106.60   | 120.00 | KOMATIITIC PERIDOTITE ADCUMULATE                                                                                                                                                                    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | As from 94.0-105.6m, but non-very slightly magnetic, tr-0.5% very fine specks pyrrhotite/pn disseminated, rare bleb py. RQD 70. 1-3% White/pistachio calc/qc/serpentine stringers 1-3cm, 45-70 deg. | 128458 | 106.60   | 107.00 | .40   | <5       | <5       | <5       | .4       | 118      | 813      | 37       | 18       | 50       |        |        |
|          |        | 5cm calc/qc/serpentine // weak shear foliation 55 deg.                                                                                                                                              | 128459 | 107.00   | 108.00 | 1.00  | <5       | <5       | <5       | <.2      | 169      | 1402     | 22       | 18       | 68       |        |        |
|          |        | 117.60                                                                                                                                                                                              | 128460 | 108.00   | 109.00 | 1.00  | <5       | 6        | <5       | <.2      | 151      | 1468     | 20       | 20       | 74       |        |        |
|          |        | 110.00                                                                                                                                                                                              | 128461 | 109.00   | 110.00 | 1.00  | <5       | 8        | <5       | .9       | 185      | 1355     | 26       | 24       | 74       |        |        |
|          |        | 111.00                                                                                                                                                                                              | 128462 | 110.00   | 111.00 | 1.00  | <5       | 7        | <5       | <.2      | 162      | 1308     | 23       | 20       | 69       |        |        |
|          |        | 112.00                                                                                                                                                                                              | 128463 | 111.00   | 112.00 | 1.00  | <5       | <5       | <5       | <.2      | 149      | 1458     | 23       | 19       | 74       |        |        |
|          |        | 113.00                                                                                                                                                                                              | 128464 | 112.00   | 113.00 | 1.00  | <5       | <5       | <5       | <.2      | 146      | 1588     | 20       | 17       | 76       |        |        |
|          |        | 114.00                                                                                                                                                                                              | 128465 | 113.00   | 114.00 | 1.00  | <5       | <5       | <5       | <.2      | 144      | 1500     | 20       | 17       | 66       |        |        |
|          |        | 115.00                                                                                                                                                                                              | 128466 | 114.00   | 115.00 | 1.00  | <5       | <5       | <5       | <.2      | 141      | 1495     | 20       | 17       | 64       |        |        |
|          |        | 116.00                                                                                                                                                                                              | 128467 | 115.00   | 116.00 | 1.00  | <5       | <5       | <5       | <.2      | 142      | 1508     | 19       | 16       | 67       |        |        |
|          |        | 117.00                                                                                                                                                                                              | 128468 | 116.00   | 117.00 | 1.00  | <5       | <5       | <5       | <.2      | 141      | 1464     | 20       | 15       | 64       |        |        |
|          |        | 118.00                                                                                                                                                                                              | 128469 | 117.00   | 117.70 | .70   | <5       | <5       | <5       | <.2      | 154      | 1373     | 22       | 19       | 65       |        |        |
|          |        | 119.00                                                                                                                                                                                              | 128470 | 117.70   | 118.00 | .30   | <5       | <5       | <5       | <.2      | 124      | 914      | 26       | 19       | 67       |        |        |
|          |        | 120.00                                                                                                                                                                                              | 128471 | 118.00   | 119.00 | 1.00  | <5       | 8        | <5       | <.2      | 118      | 757      | 28       | 15       | 59       |        |        |
|          |        | 110.00                                                                                                                                                                                              | 128472 | 119.00   | 120.00 | 1.00  | <5       | 8        | <5       | <.2      | 185      | 917      | 37       | 19       | 74       |        |        |
|          |        | 111.00                                                                                                                                                                                              |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 112.00                                                                                                                                                                                              |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 113.00                                                                                                                                                                                              |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 114.00                                                                                                                                                                                              |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 115.00                                                                                                                                                                                              |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 116.00                                                                                                                                                                                              |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 117.00                                                                                                                                                                                              |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 117.70                                                                                                                                                                                              |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 118.00                                                                                                                                                                                              |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 119.00                                                                                                                                                                                              |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 120.00   | 121.10 | KOMATIITIC SPINIFEX PERIDOTITE                                                                                                                                                                      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Upper/lower contact sharp.                                                                                                                                                                          | 128473 | 120.00   | 121.10 | 1.10  | <5       | 9        | <5       | <.2      | 186      | 925      | 68       | 19       | 69       |        |        |
|          |        | Spinifex to matrix dark grey, fine grained.                                                                                                                                                         |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Spinifex distinct black blades olivine progressing from 0.5cm random to 5cm bladed.                                                                                                                 |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Non-magnetic, tr-0.5% very fine brassy pyrrhotite/pn diss.                                                                                                                                          |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 120.00 121.10 KOMATIITIC SPINIFEX PERIDOTITE bracket                                                                                                                                                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |

| From (m) | To (m) | Geology                                             | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |
|----------|--------|-----------------------------------------------------|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|
| 121.10   | 155.00 | KOMATIITIC PERIDOTITE ADCUMULATE                    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | As from 106.6-121.1m, tr-0.5% very fine specks      | 128474 | 121.10   | 122.00 | .90   | <5       | 9        | <5       | <.2      | 351      | 1024     | 635      | 21       | 102      |        |        |
|          |        | pyrrhotite/pn diss.                                 | 128475 | 122.00   | 123.00 | 1.00  | <5       | 13       | <5       | <.2      | 347      | 979      | 97       | 21       | 98       |        |        |
|          |        | 124.60 129.00 Bright light green, translucent,      | 128476 | 123.00   | 124.00 | 1.00  | <5       | 7        | <5       | <.2      | 220      | 1191     | 67       | 23       | 74       |        |        |
|          |        | highly serpentinized and talcose                    | 128477 | 124.00   | 124.60 | .60   | <5       | 9        | <5       | .3       | 173      | 1112     | 61       | 21       | 70       |        |        |
|          |        | section, hardness~3, 10% freckles                   | 128478 | 124.60   | 125.60 | 1.00  | <5       | <5       | <5       | <.2      | 114      | 630      | 27       | 9        | 39       |        |        |
|          |        | dark green serpentine 1-2cm square                  | 128479 | 125.60   | 126.60 | 1.00  | <5       | <5       | <5       | <.2      | 79       | 668      | 34       | 11       | 37       |        |        |
|          |        | disseminated, trace pyrrhotite/pn.                  | 128480 | 126.60   | 127.00 | .40   | <5       | 12       | 27       | <.2      | 103      | 1100     | 39       | 14       | 39       | <.21   |        |
|          |        | 126.60 144.50 Dark greenish grey, aphanitic,        | 128481 | 127.00   | 128.00 | 1.00  | <5       | <5       | <5       | <.2      | 119      | 400      | 59       | 23       | 34       | .04    |        |
|          |        | massive, wkly serpentine.                           | 128482 | 128.00   | 129.00 | 1.00  | <5       | 8        | 7        | <.2      | 90       | 900      | 37       | 16       | 40       | .09    |        |
|          |        | 127.40 128.00 Dark grey, soft, altered mesocumulate | 128483 | 129.00   | 130.00 | 1.00  | 8        | 91       | 252      | <.2      | 117      | 2400     | 40       | 17       | 58       | .24    |        |
|          |        | peridotite.                                         | 128484 | 130.00   | 130.40 | .40   | <5       | 26       | 26       | <.2      | 320      | 900      | 16       | 8        | 27       | .09    |        |
|          |        | 130.40 141.00 Mineralized zone ( see sample         | 128485 | 130.40   | 131.00 | .60   | <5       | 247      | 556      | <.2      | 238      | 11800    | 24       | 18       | 136      | 1.18   |        |
|          |        | descriptions).                                      | 128486 | 131.00   | 132.00 | 1.00  | 9        | 414      | 903      | .6       | 542      | 19800    | 25       | 22       | 183      | 1.98   |        |
|          |        | 141.00 143.00 10% gouge, 0.5% pyrrhotite/pn.        | 128487 | 132.00   | 133.00 | 1.00  | 13       | 273      | 523      | .8       | 3110     | 25200    | 28       | 26       | 259      | 2.52   |        |
|          |        | 143.00 144.50 Trace pyrrhotite/pn.                  | 128488 | 133.00   | 134.00 | 1.00  | 58       | 614      | 824      | 1.1      | 3694     | 48400    | 32       | 38       | 756      | 4.84   |        |
|          |        | 114.50 147.00 Intro strong serpentine, wall rock    | 128489 | 134.00   | 135.00 | 1.00  | 50       | 416      | 856      | 1.3      | 3521     | 57900    | 35       | 46       | 856      | 5.79   |        |
|          |        | medium emerald green, very fine                     | 128490 | 135.00   | 136.00 | 1.00  | 61       | 670      | 701      | 1.4      | 9400     | 39400    | 39       | 36       | 664      | 3.94   |        |
|          |        | grained, massive, trace pyrrhotite/pn.              | 128491 | 136.00   | 137.00 | 1.00  | 23       | 244      | 553      | .7       | 2159     | 31600    | 28       | 30       | 308      | 3.16   |        |
|          |        | 147.00 155.00 Barren to rare speck pyrrhotite/pn.   | 128492 | 137.00   | 138.00 | 1.00  | 101      | 381      | 1396     | 1.3      | 2282     | 42100    | 28       | 27       | 325      | 4.21   |        |
|          |        | 121.10 122.00 KOMATIITIC PERIDOTITE ADCUMULATE,     | 128493 | 138.00   | 138.80 | .80   | 47       | 314      | 818      | .7       | 1649     | 33200    | 25       | 24       | 292      | 3.32   |        |
|          |        | trace-0.5% pyrrhotite/pentlandite.                  | 128494 | 138.80   | 139.50 | .70   | <5       | 97       | 208      | .3       | 1114     | 10000    | 25       | 25       | 131      | 1.00   |        |
|          |        | 122.00 123.00 KOMATIITIC PERIDOTITE ADCUMULATE,     | 128495 | 139.50   | 140.00 | .50   | 75       | 162      | 391      | .9       | 2600     | 30500    | 24       | 27       | 418      | 3.05   |        |
|          |        | tr-0.5% pyrrhotite/pentlandite note                 | 128496 | 140.00   | 141.00 | 1.00  | 31       | 39       | 88       | .4       | 1393     | 12100    | 28       | 25       | 189      | 1.21   |        |
|          |        | standard not inserted.                              | 128497 | 141.00   | 142.00 | 1.00  | <5       | 27       | 55       | .3       | 385      | 3800     | 26       | 22       | 116      | .38    |        |
|          |        | 123.00 124.00 KOMATIITIC PERIDOTITE ADCUMULATE,     | 128498 | 142.00   | 143.00 | 1.00  | <5       | 7        | 13       | <.2      | 231      | 2100     | 25       | 20       | 78       | .21    |        |
|          |        | trace-0.5% pyrrhotite/pentlandite.                  | 128499 | 143.00   | 144.00 | 1.00  | 52       | 34       | 81       | <.2      | 290      | 2761     | 25       | 18       | 77       |        |        |
|          |        | 124.00 124.60 KOMATIITIC PERIDOTITE ADCUMULATE,     | 128500 | 144.00   | 144.00 | .00   | 5        | 27       | 24       | <.2      | 147      | 447      | 17       | 12       | 25       |        |        |
|          |        | trace-0.5% pyrrhotite/pentlandite.                  | 106551 | 144.00   | 144.50 | .50   | 43       | 10       | 15       | <.2      | 142      | 1833     | 29       | 17       | 56       |        |        |
|          |        | 124.60 125.60 KOMATIITIC PERIDOTITE ADCUMULATE,     | 106552 | 144.50   | 145.00 | .50   | 15       | 19       | 30       | <.2      | 150      | 2896     | 28       | 18       | 80       |        |        |
|          |        | trace-0.5% pyrrhotite/pentlandite.                  | 106553 | 145.00   | 146.00 | 1.00  | <5       | 11       | 14       | .2       | 140      | 1485     | 28       | 17       | 51       |        |        |
|          |        | 126.60 127.00 126.6-130.4, KOMATIITIC PERIDOTITE    | 106554 | 146.00   | 147.00 | 1.00  | 5        | 20       | 29       | <.2      | 141      | 2227     | 28       | 20       | 67       |        |        |
|          |        | ADCUMULATE, tr-0.5% very fine specks                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | brassy pyrrhotite/pn disseminated.                  |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 130.40 131.00 2% fine disseminated pn/pyrrhotite.   |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 131.00 132.00 Two 1cm brassy pn/pyrrhotite          |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | stringers at 35 and 20 degree with                  |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | trace fine grained blebs                            |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | chalcopyrite, remainder 5%                          |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | pn/pyrrhotite fine blebs and                        |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | disseminated throughout.                            |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 132.00 133.00 Single 3cm                            |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | pyrrhotite/pn/sph/chalcopyrite at                   |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 132.3 metre 45 degree, 10% fine                     |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | grained blebs pn/pyrrhotite                         |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | disseminated in wall rock.                          |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 133.00 134.00 Magnetic 35-40% pn/pyrrhotite fine    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | net-textured and rare massive                       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | fracture fillings.                                  |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 134.00 135.00 35-40% same as above, and 2-3%        |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | pn/pyrrhotite filled fractures.                     |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |



| From (m) | To (m) | Geology                                                                                                                                                                                                                                                                                                                                                                        | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |
|----------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|
|          |        | 135.00 136.00 25% pn/po very finely disseminated to fine blebs, intercumulus.                                                                                                                                                                                                                                                                                                  |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 136.00 137.00 20%, same as above.                                                                                                                                                                                                                                                                                                                                              |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 137.00 138.00 25%, same as above.                                                                                                                                                                                                                                                                                                                                              |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 138.00 138.80 20%, same as above.                                                                                                                                                                                                                                                                                                                                              |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 138.80 139.50 5% fine disseminated pn/pyrrhotite.                                                                                                                                                                                                                                                                                                                              |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 139.50 140.00 20%, same as 135-136.                                                                                                                                                                                                                                                                                                                                            |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 140.00 141.00 140-140.3 15%, same as 135-136 metre then 2% fine disseminated pyrrhotite/pn.                                                                                                                                                                                                                                                                                    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 141.00 142.00 141.0-143.0 10% gouge, 0.5% pyrrhotite/pn.                                                                                                                                                                                                                                                                                                                       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 143.00 144.00 143.0-144.5 trace pyrrhotite/pn.                                                                                                                                                                                                                                                                                                                                 |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 144.00 Blank.                                                                                                                                                                                                                                                                                                                                                                  |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 144.50 145.00 144.5-147.0 intro strong serpentine, wall rock medium emerald green, very fine grained, massive, trace pyrrhotite/pn.                                                                                                                                                                                                                                            |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 155.00   | 158.00 | KOMATIITIC SPINIFEX PERIDOTITE Upper/lower contact gradational, as from 120.0-121.1m but faint spinifex. Blank.                                                                                                                                                                                                                                                                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 158.00   | 164.00 | KOMATIITIC PERIDOTITE ADCUMULATE Upper/lower contact gradational, as from 121.1-155.0m but barren. Blank.                                                                                                                                                                                                                                                                      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 164.00   | 196.80 | KOMATIITIC PERIDOTITE AMYGDALOIDAL Amygdaloidal marker horizon to upper contact gradational /lower contact sharp 65 degree. Dark grey, aphanitic, matrix with 10% dark green serpentine blebs up to 1cm diss. 2% unit spinifex to olivine up to 1cm random, up to 10cm interval. 3% Fracture filling white qc/calc 30-80 deg. Non-magnetic, rare speck pyrrhotite/py, RQD 90%. |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 196.80   | 198.70 | KOMATIITIC PERIDOTITE MESOCUMULATE Medium green, very fine grained, massive, homogeneous. Non-magnetic, barren, RQD 60. 198.00 198.70 FAULT ZONE, 10% gouge//strong shear foliation 80 deg. RQD 40. Blank.                                                                                                                                                                     |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 198.70   | 201.40 | GRAPHITIC ARGILLITE Upper contact sharp 80. Dark grey, very fine grained, massive, homogeneous, silty, hardness~4.5. Non-magnetic, 0.5-1.0% fine grained blebs/cubes up to 2mm diss. Trace pyrite                                                                                                                                                                              | 106555 | 198.70   | 199.50 | .80   | <5       | <5       | <5       | <.2      | 847      | 124      | 133      | 28       | 58       |        |        |
|          |        |                                                                                                                                                                                                                                                                                                                                                                                | 106556 | 199.50   | 200.00 | .50   | <5       | <5       | <5       | <.2      | 376      | 120      | 130      | 28       | 56       |        |        |
|          |        |                                                                                                                                                                                                                                                                                                                                                                                | 106557 | 200.00   | 201.00 | 1.00  | <5       | <5       | <5       | <.2      | 293      | 97       | 103      | 22       | 47       |        |        |
|          |        |                                                                                                                                                                                                                                                                                                                                                                                | 106558 | 201.00   | 201.40 | .40   | 20       | 16       | 7        | <.2      | 259      | 104      | 115      | 26       | 52       |        |        |



Date: 15 Dec, 2008

GOLDEN CHALICE RESOURCES INC

Page: 1 of 7

Northing: 5349550.00
Easting: 497475.00
Elevation: 284.25

DRILL HOLE RECORD

Drill Hole: GCL08-50

Collar Azi.: 180.0
Collar Dip: -45.0

\*\*\* Dip Tests \*\*\*

Table with columns: Depth, Azi., Dip. Rows: 32 184.0 -47.5, 134 187.2 -48.0, 194 185.1 -48.2

Project: Langmuir Zone
Property: Langmuir
Claim: 4203498
Northing: 2+50N
Easting: 0+46E
GPS Northing: 5349550
GPS Easting: 497475
Date Started: March 7, 2008
Date completed: March 9, 2008
Drilled by: Norex
Sample type: Cut Core
Analyses: PM 30g FA, BM AA
Lab: Expert
Sample series: 128362-128457
Lab report: 22275

Hole length: 218.00
Units: Metric
Core size: NQ
Grid: Metric 2007

Materials left: Casing pulled and top 15m cemented
Collar survey: Chained & GPS
DH Survey method: Reflex

Comments: N/A
Logged by: S. Beauchamp
Date(s) logged: March 11, 2008
Purpose: N/A
Core storage: Hastings Facility Timmins

Table with columns: From (m), To (m), Geology, Sample, From (m), To (m), L (m), Au (ppb), Pt (ppb), Pd (ppb), Ag (ppm), Cu (ppm), Ni (ppm), Zn (ppm), Pb (ppm), Co (ppm), Cu (%) Ni (%). Rows include OVERBURDEN, KOMATIITIC PERIDOTITE MESOCUMULATE, and MAFIC DYKE.



| From (m) | To (m) | Geology                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |
|----------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|
|          |        | as follows, RQD 90.                                                                                                                                                                                                                                                                                                                                                                                                                                                           |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          | 89.00  | 89.50 0.5% very fine specks brassy and magnetic pyrrhotite / pentlandite as disseminations and as a single bleb.                                                                                                                                                                                                                                                                                                                                                              |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          | 91.00  | 95.00 Very gradual introduction of weak serpentization, wallrock becomes progressively emerald black.                                                                                                                                                                                                                                                                                                                                                                         |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          | 95.00  | 96.10 Soapy, strongly talcose and weakly serpentized, weakly sheared and foliated at 30 degrees.                                                                                                                                                                                                                                                                                                                                                                              |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 96.10    | 97.20  | FELSIC INTRUSIVE (UNDIFFERENTIATED)<br>Upper contact sharp 30 degrees.<br>Light buff grey, medium grained, massive, homogenous, non glassy, granitoid composition, hardness >5.<br>Non magnetic, barren, RQD 100.                                                                                                                                                                                                                                                             |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 97.20    | 107.00 | KOMATIITIC PERIDOTITE ADCUMULATE<br>Upper contact sharp 50 degrees.<br>As from 91.0-95.0.<br>2% White stringers <1cm quartz carbonate / calcite / serpentine.<br>104.40 106.00 Freckled texture of black serpentine, equigranular, generally 2mm square, weakly foliated at 40 degrees.                                                                                                                                                                                       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 107.00   | 111.30 | KOMATIITIC SPINIFEX PERIDOTITE<br>Upper contact distinct but immeasurable.<br>Distinct Spinifex textured, grades from 0.5cm random chicken scratch, to 1-3cm platy bladed downhole. Non magnetic.<br>107.00 110.00 No visible sulphides.<br>110.00 110.50 2% very fine specks pyrrhotite / pentlandite disseminated, and 0.5% blebs pyrite concentrated along fractures.<br>110.50 111.30 3% net textured pyrrhotite / pentlandite, 0.5% pyrite concentrated along fractures. | 128368 | 109.00   | 110.00 | 1.00  | <5       | 30       | 14       | <.2      | 170      | 762      | 19       | 11       | 46       |        |        |
|          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 128369 | 110.00   | 110.50 | .50   | <5       | 15       | 13       | <.2      | 146      | 972      | 26       | 11       | 45       |        |        |
|          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 128370 | 110.50   | 111.30 | .80   | <5       | 20       | 11       | <.2      | 200      | 1114     | 42       | 11       | 47       |        |        |
| 111.30   | 119.00 | KOMATIITIC PERIDOTITE ADCUMULATE<br>111.30 111.60 Sheared upper contact at 35 degrees.<br>As above, non magnetic, no visible sulphides.<br>118.00 119.00 Trace pyrrhotite / pentlandite.<br>115.00 Nickel STANDARD 115.                                                                                                                                                                                                                                                       | 128371 | 111.30   | 112.00 | .70   | <5       | 22       | 14       | <.2      | 196      | 683      | 87       | 13       | 42       |        |        |
|          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 128372 | 112.00   | 113.00 | 1.00  | <5       | 19       | 9        | <.2      | 101      | 338      | 52       | 15       | 36       |        |        |
|          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 128373 | 113.00   | 114.00 | 1.00  | <5       | 16       | 8        | <.2      | 117      | 1255     | 27       | 12       | 47       |        |        |
|          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 128374 | 114.00   | 115.00 | 1.00  | <5       | 10       | 6        | <.2      | 132      | 1425     | 32       | 14       | 52       |        |        |
|          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 128375 | 115.00   | 115.00 | .00   | 10       | 74       | 82       | .8       | 1790     | 20600    | 88       | 49       | 386      | 2.06   |        |
|          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 128376 | 115.00   | 116.00 | 1.00  | <5       | 24       | 13       | <.2      | 132      | 1767     | 26       | 11       | 50       |        |        |
|          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 128377 | 116.00   | 117.00 | 1.00  | <5       | <5       | <5       | <.2      | 134      | 1746     | 28       | 14       | 53       |        |        |
|          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 128378 | 117.00   | 118.00 | 1.00  | <5       | <5       | <5       | <.2      | 138      | 1513     | 31       | 13       | 54       |        |        |
|          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 128379 | 118.00   | 119.00 | 1.00  | <5       | <5       | <5       | <.2      | 153      | 1548     | 33       | 14       | 56       |        |        |

| From (m) | To (m) | Geology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Sample                                                             | From (m)                                                           | To (m)                                                   | L (m)                                             | Au (ppb)                               | Pt (ppb)                               | Pd (ppb)                               | Ag (ppm)                                      | Cu (ppm)                                      | Ni (ppm)                                             | Zn (ppm)                               | Pb (ppm)                               | Co (ppm)                               | Cu (%)        | Ni (%) |  |
|----------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------|----------------------------------------------------------|---------------------------------------------------|----------------------------------------|----------------------------------------|----------------------------------------|-----------------------------------------------|-----------------------------------------------|------------------------------------------------------|----------------------------------------|----------------------------------------|----------------------------------------|---------------|--------|--|
| 119.00   | 123.10 | KOMATIITIC SPINIFEX PERIDOTITE<br>Upper contact broken.<br>Spinifex; distinct, random, progresses from 1-2cm asterisk* like to platy bladed 5cm, back to 1-2cm asterisk downhole.<br>Matrix dark emerald green, strongly serpentinized.<br>3% fracture fillings and stringers calcite / serpentine / talc <2cm generally 35 degrees.<br>Weakly magnetic, 0.5-1.0% very fine specks bronze pyrrhotite / pentlandite sprinkled throughout, RQD 90.<br>122.80 123.10 7% calcite <1cm parallel strong shearing of 35 degrees. Non magnetic, 2% very fine flecks brassy pyrrhotite / pentlandite.<br>Disseminated.                                                                                                                                                                                                                                                                                                                                                                                  | 128380<br>128381<br>128382<br>128383<br>128384                     | 119.00<br>120.00<br>121.00<br>122.00<br>122.80                     | 120.00<br>121.00<br>122.00<br>122.80                     | 1.00<br>1.00<br>1.00<br>.80<br>.30                | <5<br><5<br><5<br><5<br>14             | <5<br><5<br>77<br>23<br>9              | <5<br><5<br>94<br>46<br>44             | <.2<br><.2<br><.2<br><.2<br>.6                | 178<br>243<br>216<br>283<br>1312              | 1179<br>1455<br>957<br>1234<br>2455                  | 45<br>60<br>59<br>64<br>83             | 17<br>14<br>11<br>9<br>21              | 64<br>61<br>45<br>48<br>66             |               |        |  |
| 123.10   | 124.10 | KOMATIITIC PERIDOTITE BRECCIA<br>Upper/lower contact sharp 35/50.<br>Brecciated KPDA:SGA:MS; graphite healed.<br>KPDA fragments bright green, aphanitic, strongly serpentinized, <15cm.<br>SGA fragments black, aphanitic, charcoal like, <10cm wide.<br>5% Banded white / yellow +/- vuggy calcite / quartz carbonate parallel shearing, 10% graphite healed.<br>Massive Sulphide 1-27cm wide bands parallel shearing from 35 to 50 degrees downhole.<br>Consisting of brassy pyrrhotite / pentlandite, pyrite, sphalerite, and chalcopyrite. Pyrite as very fine euhedral to anhedral cubes, blebs.<br>And hairline fracture fillings. Chalcopyrite as blebs <1cm within the pyrrhotite / pentlandite / sphalerite.<br>123.10 136.00 Mineralized Zone.<br>123.10 123.60 55% Massive Sulphides as 40% pyrrhotite / pentlandite, 8% pyrite, 4% sphalerite, 3% chalcopyrite.<br>123.60 124.10 25% Massive Sulphides as 19% pyrrhotite / pentlandite, 3% pyrite, 2% sphalerite, 1% chalcopyrite. | 128385<br>128386                                                   | 123.10<br>123.60                                                   | 123.60<br>124.10                                         | .50<br>.50                                        | 21<br>101                              | 319<br>383                             | 1175<br>796                            | .9<br>.5                                      | 3321<br>1969                                  | 128800<br>56700                                      | 58<br>85                               | 20<br>23                               | 121<br>147                             | 12.88<br>5.67 |        |  |
| 124.10   | 144.60 | KOMATIITIC PERIDOTITE ADCUMULATE<br>124.10 128.00 Medium greenish grey, very fine grained, massive, homogenous, moderately serpentinized.<br>3% Fracture fillings and stringers of calcite / serpentine up to 1cm, 30-50 degrees.<br>Non magnetic, trace very fine interstitial specks of brassy pyrrhotite / pentlandite, RQD 90.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 128387<br>128388<br>128389<br>128390<br>128391<br>128392<br>128393 | 124.10<br>125.00<br>126.00<br>127.00<br>128.00<br>128.40<br>129.00 | 125.00<br>126.00<br>127.00<br>128.00<br>128.40<br>129.00 | .90<br>1.00<br>1.00<br>1.00<br>.40<br>.60<br>1.00 | <5<br><5<br><5<br><5<br><5<br><5<br><5 | 11<br><5<br><5<br><5<br><5<br>45<br>44 | 14<br><5<br><5<br><5<br><5<br>90<br>68 | <.2<br><.2<br><.2<br><.2<br><.2<br><.2<br><.2 | 297<br>315<br>179<br>136<br>221<br>234<br>154 | 1889<br>1350<br>1358<br>1456<br>1524<br>4100<br>4172 | 25<br>32<br>29<br>27<br>19<br>20<br>17 | 11<br>15<br>14<br>12<br>11<br>15<br>12 | 48<br>54<br>54<br>51<br>51<br>68<br>63 |               |        |  |

| From (m) | To (m) | Geology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |
|----------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|
| 128.00   | 144.10 | As above, but emerald green, aphanitic, strongly serpentized, accompanied by increase in pyrrhotite / pentlandite up to 4%,. Generally non magnetic, RQD 90.                                                                                                                                                                                                                                                                                                                                  | 128394 | 130.00   | 131.00 | 1.00  | <5       | 23       | 38       | <.2      | 144      | 3272     | 20       | 12       | 56       |        |        |
|          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 128395 | 131.00   | 132.00 | 1.00  | <5       | 12       | 7        | <.2      | 174      | 3876     | 17       | 12       | 62       |        |        |
|          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 128396 | 132.00   | 133.00 | 1.00  | <5       | 159      | 353      | <.2      | 238      | 4273     | 16       | 13       | 57       |        |        |
|          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 128397 | 133.00   | 134.00 | 1.00  | 128      | 149      | 332      | <.2      | 188      | 6200     | 12       | 12       | 54       | .62    |        |
|          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 128398 | 134.00   | 135.00 | 1.00  | 10       | 29       | 48       | <.2      | 182      | 2907     | 24       | 15       | 55       |        |        |
| 128.00   | 128.40 | 2% very fine specks pyrrhotite / pentlandite disseminated.                                                                                                                                                                                                                                                                                                                                                                                                                                    | 128399 | 135.00   | 136.00 | 1.00  | 48       | 25       | 23       | <.2      | 168      | 2539     | 21       | 14       | 56       |        |        |
|          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 128400 | 136.00   | 136.00 | .00   | <5       | 30       | 21       | <.2      | 139      | 223      | 17       | 9        | 25       |        |        |
| 128.40   | 129.00 | 10cm stringer white and aqua quartz carbonate / calcite / talc / serpentine at 80 degrees, parallel weak shearing. 4% very fine specks.                                                                                                                                                                                                                                                                                                                                                       | 128401 | 136.00   | 137.00 | 1.00  | <5       | 20       | 30       | <.2      | 158      | 2385     | 20       | 13       | 59       |        |        |
|          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 128402 | 137.00   | 138.00 | 1.00  | <5       | 18       | 24       | <.2      | 123      | 1878     | 21       | 12       | 52       |        |        |
|          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 128403 | 138.00   | 139.00 | 1.00  | <5       | 33       | 47       | <.2      | 121      | 1829     | 21       | 12       | 59       |        |        |
|          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 128404 | 139.00   | 140.00 | 1.00  | <5       | 11       | <5       | <.2      | 167      | 1351     | 21       | 12       | 51       |        |        |
|          |        | Brassy and non magnetic pyrrhotite / pentlandite disseminated in surrounding wallrock.                                                                                                                                                                                                                                                                                                                                                                                                        | 128405 | 140.00   | 141.00 | 1.00  | <5       | 11       | <5       | <.2      | 122      | 1297     | 20       | 12       | 51       |        |        |
|          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 128406 | 141.00   | 142.10 | 1.10  | <5       | <5       | <5       | <.2      | 137      | 1185     | 23       | 14       | 54       |        |        |
| 129.00   | 136.00 | 2-3% specks pyrrhotite / pentlandite disseminated, wallrock slightly magnetic.                                                                                                                                                                                                                                                                                                                                                                                                                | 128407 | 142.10   | 143.10 | 1.00  | <5       | <5       | <5       | <.2      | 153      | 1109     | 27       | 15       | 56       |        |        |
|          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 128408 | 143.10   | 144.10 | 1.00  | <5       | 14       | 6        | <.2      | 327      | 1286     | 24       | 13       | 55       |        |        |
|          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 128409 | 144.10   | 144.60 | .50   | 25       | 6        | <5       | .4       | 2373     | 190      | 12       | 9        | 42       |        |        |
| 136.00   | 144.10 | Marked decrease of pyrrhotite / pentlandite as <0.5% specks disseminated.                                                                                                                                                                                                                                                                                                                                                                                                                     |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 144.10   | 144.60 | 40% banded white and aqua quartz carbonate / calcite / talc / serpentine stringers 0.5-8cm, parallel strong shearing of 50-60 degrees.                                                                                                                                                                                                                                                                                                                                                        |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Weakly magnetic, with 3% hairline fracture fillings & blebs of pyrrhotite / pentlandite, 0.3% fine grained blebs chalcopyrite, and trace. Fine grained blebs of pyrite.                                                                                                                                                                                                                                                                                                                       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 136.00   |        | BLANK GCSH-05-02.                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 144.60   | 147.40 | KOMATIITIC SPINIFEX PERIDOTITE Upper contact parallel shearing of 50-60 degrees. Spinifex texture distinctive, 0.5cm random chicken scratch.                                                                                                                                                                                                                                                                                                                                                  | 128410 | 144.60   | 145.00 | .40   | <5       | 11       | 8        | <.2      | 171      | 407      | 26       | 14       | 47       |        |        |
|          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 128411 | 145.00   | 146.00 | 1.00  | <5       | 17       | 12       | <.2      | 294      | 121      | 34       | 15       | 46       |        |        |
|          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 128412 | 146.00   | 146.80 | .80   | <5       | 13       | 10       | <.2      | 189      | 108      | 22       | 12       | 45       |        |        |
|          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 128413 | 146.80   | 147.40 | .60   | <5       | 9        | <5       | <.2      | 124      | 630      | 15       | 9        | 38       |        |        |
| 147.40   | 168.10 | KOMATIITIC PERIDOTITE AMYGDALOIDAL Upper contact sharp 50 degrees. Amygdaloidal Marker Horizon. Amygdules 0.5-1cm, dark pistachio green, very strongly serpentized. Matrix dark grey to black to emerald green. 5% intervals with distinct Spinifex texture, up to 10cm wide. Spinifex usually. 0.5cm Random chicken scratch, occasionally 1cm asterisk* like. Non to slightly magnetic, trace-0.5% very fine disseminations of bronze pyrrhotite / pentlandite sprinkled throughout, RQD 90. | 128414 | 147.40   | 148.00 | .60   | <5       | 10       | <5       | <.2      | 138      | 1170     | 23       | 12       | 51       |        |        |
|          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 128415 | 148.00   | 149.00 | 1.00  | <5       | 14       | 7        | <.2      | 123      | 1316     | 24       | 11       | 51       |        |        |
|          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 128416 | 149.00   | 150.00 | 1.00  | <5       | 30       | 21       | <.2      | 124      | 1336     | 24       | 13       | 51       |        |        |
|          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 128417 | 150.00   | 151.00 | 1.00  | <5       | 11       | <5       | <.2      | 131      | 1339     | 26       | 13       | 54       |        |        |
|          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 128418 | 151.00   | 152.00 | 1.00  | <5       | 17       | 12       | <.2      | 171      | 1297     | 29       | 14       | 56       |        |        |
|          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 128419 | 152.00   | 153.00 | 1.00  | <5       | 16       | 14       | <.2      | 199      | 1321     | 39       | 20       | 57       |        |        |
|          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 128420 | 153.00   | 154.00 | 1.00  | <5       | 17       | 16       | <.2      | 232      | 1255     | 35       | 16       | 55       |        |        |
|          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 128421 | 154.00   | 154.50 | .50   | <5       | 22       | 15       | <.2      | 164      | 1285     | 27       | 14       | 55       |        |        |
|          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 128422 | 154.50   | 155.50 | 1.00  | <5       | 23       | 18       | <.2      | 194      | 1225     | 31       | 16       | 56       |        |        |
|          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 128423 | 155.50   | 156.50 | 1.00  | <5       | 19       | 16       | <.2      | 220      | 1280     | 31       | 19       | 57       |        |        |
|          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 128424 | 156.50   | 157.00 | .50   | <5       | 24       | 20       | <.2      | 231      | 1401     | 37       | 20       | 66       |        |        |
| 153.00   | 155.50 | Increase in pyrrhotite / pentlandite to 1-2%, as very fine specks disseminated, and as net-textured                                                                                                                                                                                                                                                                                                                                                                                           | 128425 | 157.00   | 157.00 | .00   | 12       | 80       | 76       | .6       | 2651     | 13800    | 82       | 29       | 186      | 1.38   |        |
|          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 128426 | 157.00   | 158.00 | 1.00  | <5       | 18       | 12       | <.2      | 168      | 1473     | 32       | 16       | 56       |        |        |
|          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 128427 | 158.00   | 159.00 | 1.00  | <5       | 18       | 7        | .5       | 152      | 1502     | 34       | 16       | 58       |        |        |

| From (m) | To (m) | Geology                                                                                                                                  | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |
|----------|--------|------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|
|          |        | surrounding the amygdules.                                                                                                               | 128428 | 159.00   | 160.00 | 1.00  | <5       | 17       | 8        | <.2      | 153      | 1461     | 32       | 15       | 58       |        |        |
|          | 157.00 | Nickel STANDARD 113.                                                                                                                     | 128429 | 160.00   | 161.00 | 1.00  | <5       | 19       | 10       | <.2      | 144      | 1465     | 35       | 16       | 54       |        |        |
|          |        |                                                                                                                                          | 128430 | 161.00   | 162.00 | 1.00  | <5       | 9        | <5       | <.2      | 136      | 1346     | 33       | 15       | 52       |        |        |
|          |        |                                                                                                                                          | 128431 | 162.00   | 163.00 | 1.00  | <5       | 12       | 7        | <.2      | 202      | 1100     | 26       | 22       | 50       |        |        |
|          |        |                                                                                                                                          | 128432 | 163.00   | 164.00 | 1.00  | <5       | 16       | 13       | <.2      | 146      | 1322     | 31       | 24       | 51       |        |        |
|          |        |                                                                                                                                          | 128433 | 164.00   | 165.00 | 1.00  | <5       | 24       | 14       | <.2      | 146      | 1359     | 31       | 22       | 52       |        |        |
|          |        |                                                                                                                                          | 128434 | 165.00   | 166.00 | 1.00  | <5       | 26       | 14       | <.2      | 148      | 1330     | 38       | 16       | 55       |        |        |
|          |        |                                                                                                                                          | 128435 | 166.00   | 167.00 | 1.00  | <5       | 27       | 17       | <.2      | 149      | 1322     | 37       | 19       | 52       |        |        |
|          |        |                                                                                                                                          | 128436 | 167.00   | 167.50 | .50   | <5       | 26       | 24       | <.2      | 218      | 1275     | 38       | 15       | 52       |        |        |
|          |        |                                                                                                                                          | 128437 | 167.50   | 168.10 | .60   | <5       | 17       | 8        | <.2      | 238      | 909      | 33       | 14       | 48       |        |        |
| 168.10   | 176.40 | KOMATIITIC PERIDOTITE ADCUMULATE                                                                                                         |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Upper contact sharp 70 degrees.                                                                                                          |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Black to dark grey, aphanitic to very fine grained, massive, slightly serpentinized. 1% white and aqua stringers of.                     |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Calcite / quartz carbonate / serpentine, up to 1cm, generally 40-50 degrees.                                                             |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Non magnetic, 0-trace very fine pyrite, rare speck pyrrhotite / pentlandite, RQD 90.                                                     |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 175.00 176.40 Slightly bleached due to strong calcite alteration. Trace very fine specks pyrite.                                         |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 176.40   | 177.80 | KOMATIITIC SPINIFEX PERIDOTITE                                                                                                           |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Upper contact sharp 30 degrees.                                                                                                          | 128438 | 176.80   | 177.80 | 1.00  | <5       | 20       | 6        | .4       | 194      | 785      | 44       | 12       | 46       |        |        |
|          |        | Dark grey matrix, slightly serpentinized, with distinctive random platy bladed spinifex <8cm.                                            |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Non magnetic, trace fine grained blebs of pyrrhotite / pentlandite concentrated along fractures, trace cubes and blebs pyrite up to 1mm. |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Disseminated, RQD 90.                                                                                                                    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 177.80   | 185.00 | KOMATIITIC PERIDOTITE MESOCUMULATE                                                                                                       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Upper contact sharp but faint.                                                                                                           | 128439 | 177.80   | 178.80 | 1.00  | <5       | 15       | 6        | <.2      | 142      | 797      | 56       | 12       | 42       |        |        |
|          |        | Massive to very weakly brecciated. KPDM fragments dark grey to med grey, very fine grained, 2-10% graphite healed.                       | 128440 | 178.80   | 179.50 | .70   | <5       | 7        | <5       | <.2      | 188      | 1035     | 59       | 11       | 48       |        |        |
|          |        |                                                                                                                                          | 128441 | 179.50   | 180.50 | 1.00  | <5       | 15       | 6        | <.2      | 193      | 837      | 62       | 13       | 46       |        |        |
|          |        |                                                                                                                                          | 128442 | 180.50   | 181.50 | 1.00  | <5       | 28       | 17       | <.2      | 927      | 3387     | 45       | 12       | 75       |        |        |
|          |        | Non magnetic, 0.5-1.0% blebs of pyrite concentrated along contacts, RQD 80.                                                              | 128443 | 181.50   | 182.50 | 1.00  | <5       | 18       | 10       | <.2      | 149      | 1234     | 42       | 11       | 47       |        |        |
|          |        |                                                                                                                                          | 128444 | 182.50   | 183.00 | .50   | <5       | 16       | 9        | <.2      | 110      | 1276     | 32       | 11       | 41       |        |        |
|          |        |                                                                                                                                          | 128445 | 183.00   | 184.00 | 1.00  | <5       | <5       | <5       | <.2      | 200      | 211      | 61       | 14       | 37       |        |        |
|          |        |                                                                                                                                          | 128446 | 184.00   | 185.00 | 1.00  | <5       | <5       | <5       | <.2      | 197      | 79       | 46       | 14       | 34       |        |        |
| 185.00   | 194.90 | KOMATIITIC PERIDOTITE BRECCIA                                                                                                            |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Contacts gradational.                                                                                                                    | 128447 | 189.00   | 190.00 | 1.00  | <5       | <5       | <5       | <.2      | 228      | 799      | 184      | 14       | 48       |        |        |
|          |        | Strongly brecciated and sheared, generally at 30 degrees. Fragments 70:30 KPDM:SGA, graphite healed.                                     | 128448 | 190.00   | 191.00 | 1.00  | <5       | 5        | 5        | <.2      | 212      | 1175     | 78       | 13       | 49       |        |        |
|          |        |                                                                                                                                          | 128449 | 191.00   | 191.50 | .50   | <5       | 7        | <5       | <.2      | 183      | 1245     | 55       | 12       | 49       |        |        |
|          |        | Non magnetic, trace fine grained blebs pyrite concentrated along fractures, RQD 60.                                                      | 128450 | 191.50   | 191.50 | .00   | <5       | 27       | 17       | <.2      | 125      | 121      | 15       | 9        | 22       |        |        |
|          |        |                                                                                                                                          | 128451 | 191.50   | 192.30 | .80   | <5       | 10       | 6        | <.2      | 215      | 1106     | 57       | 13       | 49       |        |        |
|          |        | 188.00 192.30 60:40 SGA/KPDM, trace-1.0% blebs pyrite along fractures, trace                                                             | 128452 | 192.30   | 193.00 | .70   | 59       | 6        | 6        | <.2      | 281      | 1023     | 91       | 27       | 64       |        |        |
|          |        |                                                                                                                                          | 128453 | 193.00   | 193.90 | .90   | 20       | <5       | <5       | <.2      | 490      | 894      | 68       | 26       | 65       |        |        |





Date: 15 Dec, 2008

GOLDEN CHALICE RESOURCES INC

Page: 1 of 6

Northing: 5349550.00
Easting: 497475.00
Elevation: 284.25

DRILL HOLE RECORD

Drill Hole: GCL08-49

Collar Azi.: 196.0
Collar Dip: -58.0

Table with 3 columns: Depth, Azi., Dip. Rows: 23 195.4 -59.3, 83 197.0 -59.9, 134 197.0 -60.1, 185 199.2 -60.2, 239 199.2 -60.3

Project: Langmuir Zone
Property: Langmuir
Claim: 4203498
Northing: 2+50N
Easting: 0+46E
GPS Northing: 5349550
GPS Easting: 497475
Date Started: March 4, 2008
Date completed: March 6, 2008
Drilled by: Norex
Sample type: Cut Core
Analyses: PM 30g FA, BM AA
Lab: Expert
Sample series: 128314-128361
Lab report: 22486

Hole length: 242.00
Units: Metric
Core size: NQ
Grid: Metric 2007

Materials left: Casing pulled and top 15m cemented
Collar survey: Chained & GPS
DH Survey method: Reflex

Comments: N/A
Logged by: S. Beauchamp
Date(s) logged: March 7, 2008
Purpose: N/A
Core storage: Hastings Facility Timmins

#####

Table with columns: From (m), To (m), Geology, Sample, From (m), To (m), L (m), Au (ppb), Pt (ppb), Pd (ppb), Ag (ppm), Cu (ppm), Ni (ppm), Zn (ppm), Pb (ppm), Co (ppm), Cu (%) Ni (%)

#####



| From (m) | To (m) | Geology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Sample                                                                                           | From (m)                                                                                         | To (m)                                                                                           | L (m)                                                                      | Au (ppb)                                               | Pt (ppb)                                                       | Pd (ppb)                                                          | Ag (ppm)                                                    | Cu (ppm)                                                                 | Ni (ppm)                                                                           | Zn (ppm)                                                 | Pb (ppm)                                                 | Co (ppm)                                                           | Cu (%)                                                                   | Ni (%) |  |
|----------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|--------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------------|--------|--|
|          |        | 120.50 121.50 RQD 50, fractured at 30 degrees and calcite / quartz carbonate healed.                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                  |                                                                                                  |                                                                                                  |                                                                            |                                                        |                                                                |                                                                   |                                                             |                                                                          |                                                                                    |                                                          |                                                          |                                                                    |                                                                          |        |  |
| 125.60   | 129.60 | KOMATIITIC SPINIFEX PERIDOTITE<br>Contacts gradational.<br>Spinifex texture faint; grades from 1cm random asterisk* like and sub parallel to core axis, up to platy bladed <10cm and sub parallel.<br>To core axis at 30 degrees.<br>No visible sulphides.                                                                                                                                                                                                                                                                                                    |                                                                                                  |                                                                                                  |                                                                                                  |                                                                            |                                                        |                                                                |                                                                   |                                                             |                                                                          |                                                                                    |                                                          |                                                          |                                                                    |                                                                          |        |  |
| 129.60   | 138.30 | KOMATIITIC PERIDOTITE ADCUMULATE<br>Contacts gradational.<br>As above.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                  |                                                                                                  |                                                                                                  |                                                                            |                                                        |                                                                |                                                                   |                                                             |                                                                          |                                                                                    |                                                          |                                                          |                                                                    |                                                                          |        |  |
| 138.30   | 139.60 | KOMATIITIC SPINIFEX PERIDOTITE<br>Contacts gradational.<br>Spinifex texture distinctive; random 0.5cm chicken scratch.<br>Non magnetic, no visible sulphides, RQD 60.<br>139.20 139.60 Weakly sheared at 70 degrees, with 1% white quartz carbonate / calcite stringers up to 1cm parallel shearing.                                                                                                                                                                                                                                                          |                                                                                                  |                                                                                                  |                                                                                                  |                                                                            |                                                        |                                                                |                                                                   |                                                             |                                                                          |                                                                                    |                                                          |                                                          |                                                                    |                                                                          |        |  |
| 139.60   | 161.50 | KOMATIITIC PERIDOTITE ADCUMULATE<br>Contacts gradational.<br>As above, no visible sulphides.                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 128320                                                                                           | 160.50                                                                                           | 161.50                                                                                           | 1.00                                                                       | 26                                                     | <5                                                             | <5                                                                | <.2                                                         | 50                                                                       | 1724                                                                               | 34                                                       | 21                                                       | 83                                                                 |                                                                          |        |  |
| 161.50   | 164.40 | KOMATIITIC SPINIFEX PERIDOTITE<br>Upper contact distinctive but broken.<br>Spinifex texture distinctive; 0.5cm chicken scratch as above.<br>2-5% Calcite / talc stringers, 0.5-4cm generally 30 degrees.<br>Non magnetic, 0-trace minute specks silvery sulphide disseminated, RQD 80.                                                                                                                                                                                                                                                                        | 128321<br>128322<br>128323                                                                       | 161.50<br>162.50<br>163.50                                                                       | 162.50<br>163.50<br>164.40                                                                       | 1.00<br>1.00<br>.90                                                        | <5<br><5<br><5                                         | <5<br><5<br><5                                                 | <.2<br><.2<br><.2                                                 | 191<br>147<br>79                                            | 1308<br>1385<br>1332                                                     | 30<br>32<br>31                                                                     | 25<br>25<br>25                                           | 85<br>92<br>91                                           |                                                                    |                                                                          |        |  |
| 164.40   | 173.00 | KOMATIITIC PERIDOTITE ADCUMULATE<br>Contacts gradational.<br>Dark grey to black, aphanitic, massive, homogenous, weakly serpentized.<br>3-6% Pyrrhotite / pentlandite as very fine bronze flecks interstitial throughout, and as fine anhedral blebs generally <3mm disseminated.<br>Trace-0.5% pyrite as very fine disseminations, and as rare hairline fracture filling. Rare fine grained yellow bleb chalcopyrite.<br>Interval quite uniformly mineralized.<br>164.40 185.80 Mineralized Zone.<br>164.40 167.00 6% pyrrhotite / pentlandite, 0.5% pyrite. | 128324<br>128325<br>128326<br>128327<br>128328<br>128329<br>128330<br>128331<br>128332<br>128333 | 164.40<br>165.00<br>165.00<br>166.00<br>167.00<br>168.00<br>169.00<br>170.00<br>171.00<br>172.00 | 165.00<br>165.00<br>166.00<br>167.00<br>168.00<br>169.00<br>170.00<br>171.00<br>172.00<br>173.00 | .60<br>.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00<br>1.00 | 92<br>16<br>24<br>104<br>9<br>5<br>12<br>24<br>5<br>11 | 148<br>70<br>176<br>120<br>81<br>108<br>156<br>60<br>81<br>105 | 350<br>77<br>470<br>301<br>167<br>210<br>324<br>122<br>178<br>244 | <.2<br>.6<br>.6<br>.3<br><.2<br>.4<br>.4<br>.3<br><.2<br>.5 | 1219<br>1885<br>1654<br>1196<br>659<br>905<br>1279<br>680<br>884<br>1297 | 10900<br>20400<br>14300<br>11400<br>6400<br>9400<br>13200<br>6200<br>8700<br>10300 | 28<br>92<br>30<br>31<br>29<br>30<br>28<br>28<br>27<br>27 | 24<br>49<br>25<br>25<br>24<br>25<br>25<br>25<br>23<br>20 | 275<br>368<br>336<br>265<br>150<br>193<br>276<br>126<br>157<br>190 | 1.09<br>2.04<br>1.43<br>1.14<br>.64<br>.94<br>1.32<br>.62<br>.87<br>1.03 |        |  |





| From (m) | To (m) | Geology                                                                                                           | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |  |
|----------|--------|-------------------------------------------------------------------------------------------------------------------|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|--|
|          |        | <10cm. Matrix dark green, aphanitic, moderately serpentized.                                                      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Non magnetic, 0.5% pyrite concentrated along fractures, RQD 90.                                                   |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 218.20   | 242.00 | GRANODIORITE                                                                                                      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Upper contact sharp 40 degrees.                                                                                   |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Medium grey, aphanitic, glassy matrix with 10% phenocrysts white plagioclase <3mm, weakly foliated at 30 degrees. |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Non magnetic, trace pyrite, RQD 90.                                                                               |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 224.00 226.10 Felsic Intrusive; upper contact sharp, lower contact faint at 30 degrees.                           |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Medium grey, aphanitic, glassy matrix with 1% stringers <1cm white quartz carbonate generally 50-60 degrees.      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Non magnetic, trace cubic pyrite <2mm disseminated and in stringers, RQD 90.                                      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 242.00   |        | END OF HOLE                                                                                                       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |

o Northing: 5349550.00 DRILL HOLE RECORD Drill Hole: GCL08-48

o Easting: 497475.00

o Elevation: 284.25 \*\*\* Dip Tests \*\*\* Project: Langmuir Zone

o Depth Azi. Dip Property: Langmuir

o Collar Azi.: 196.0 26 196.6 -47.9 Claim: 4203498

o Collar Dip: -45.0 59 197.2 -47.8 Northing: 2+50 N

o 116 197.9 -48.2 Easting: 0+46 E

o Hole length: 212.00 167 197.9 -48.3 GPS Northing: 5349550

o Units: Metric 212 199.3 -48.8 GPS Easting: 497475

o Core size: NQ Date Started: February 26,2008.

o Grid: Metric 2007 Date completed: February 28,2008.

o Materials left: Casing pulled and top 15m cemented Drilled by: Norex

o Collar survey: Chained, GPS. Sample type: Cut Core

o DH Survey method: Reflex Analyses: PM 30g FA, BM AA

o Lab: Expert

o Comments: N/A Sample series: 128174-313

o Logged by: S. Beauchamp Lab report: 22484, 22268

o Date(s) logged: February 14,2008.

o Purpose: N/A

o Core storage: Hastings Facility Timmins

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o From To Geology Sample From To L Au Pt Pd Ag Cu Ni Zn Pb Co Cu(%) Ni(%)

o (m) (m) (m) (m) (m) ppb ppb ppb ppm ppm ppm ppm % %

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o .00 15.00 OVERBURDEN

o 15.00 47.00 KOMATIITIC PERIDOTITE MESOCUMULATE

o Medium greenish-grey, fine grained, massive, 128174 36.00 37.00 1.00 13 12 10 <.2 72 552 12 30 48

o homogeneous, soapy, strongly talcose. 5-10% 128175 37.00 37.00 .00 12 73 66 .8 1789 20100 83 60 387

o fracture filling /stringers white/aqua quartz 128176 37.00 38.00 1.00 9 16 8 <.2 232 635 15 27 59

o carbonate/calcite irregular swirls and parallel to 128177 38.00 39.00 1.00 6 11 6 <.2 89 469 18 25 57

o weak shear foliation generally 30-50tca. 128178 39.00 40.00 1.00 <5 6 6 <.2 107 183 28 26 39

o Non-magnetic, 0-trace fine grained pyrite 128179 46.00 47.00 1.00 <5 <5 <5 .2 108 71 31 22 32

o disseminated, RQD 70%.

o 24.50 26.50 FAULT ZONE to rubble, pebbles, limonite

o on fracture, fractures at 25-55tca.,

o RQD 10%.

o 28.00 30.10 FAULT ZONE to pebbles, rubble,

o fracture/strong shear foliation at

o 30-50tca. 10% chloritic gouge. 5% white

o quartz carbonate /calcite up to

o 2cm//strong shear foliation. RQD 20%.

o Trace very fine specks pyrite

o disseminations.

o 37.90 Irregular 5-10cm white calcite/quartz

o carbonate at around 40tca with 0.5%

o fine grained blebs chalcopryrite< 3mm.

o 39.00 47.00 Contact zone with GRAPHITIC ARGILLITE

o below. 5% bluish talc/calcite

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| From (m) | To (m) | Geology                                                                                                                                                                                                        | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |
|----------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|
|          |        | stringers/fracture filling up to 2cm banded and regular parallel weak shear foliation 70tca.                                                                                                                   |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Intermittent very weakly talcose, and hardness increases to around five downhole.                                                                                                                              |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 36.00 37.00 Bracket KOMATIITIC PERIDOTITE MESOCUMULATE, trace pyrite.                                                                                                                                          |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 37.00 Ni standard 115.                                                                                                                                                                                         |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 37.00 38.00 KOMATIITIC PERIDOTITE MESOCUMULATE, 5-10cm irregular calcite/quartz carbonate with 0.5% chalcopyrite in stringer, no chalcopyrite/trace pyrite in wall rock.                                       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 38.00 39.00 Bracket KOMATIITIC PERIDOTITE MESOCUMULATE, trace pyrite.                                                                                                                                          |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 39.00 40.00 Contact zone between KOMATIITIC PERIDOTITE MESOCUMULATE and GABBRO, trace pyrite.                                                                                                                  |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 46.00 47.00 Random sample of GABBRO, trace pyrite.                                                                                                                                                             |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 47.00    | 62.10  | GRAPHITIC ARGILLITE                                                                                                                                                                                            |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Upper contact gradual 70 degrees to core axis parallel strong shear foliation.                                                                                                                                 | 128180 | 47.00    | 48.00  | 1.00  | 66       | 5        | 5        | <.2      | 90       | 77       | 33       | 24       | 35       |        |        |
|          |        | Dark grey, fine grained-medium grained up to 2mm dense, homogeneous, strongly sheared with 5% banded bluish fracture filling /stringers calcite/ quartz carbonate parallel to strong shear foliation 50-70tca. | 128181 | 56.00    | 57.00  | 1.00  | <5       | 15       | 8        | <.2      | 127      | 87       | 53       | 28       | 43       |        |        |
|          |        | Not magnetic, 0.5% pyrite as cubes/blebs pyrite up to 3mm disseminations and as hair line fracture filling pyrite various angles, cross-cutting earlier calcite/quartz carbonate. RQD 100%.                    | 128182 | 57.00    | 58.00  | 1.00  | <5       | 12       | 8        | <.2      | 122      | 71       | 56       | 27       | 42       |        |        |
|          |        | Trace bleb pyrite up to 3mm disseminated and rare hairline fracture filling. RQD 80%.                                                                                                                          | 128183 | 58.00    | 59.00  | 1.00  | <5       | 11       | 8        | <.2      | 136      | 68       | 57       | 28       | 45       |        |        |
|          |        | 47.00 48.00 Random sample of GABBRO, trace pyrite.                                                                                                                                                             | 128184 | 59.00    | 60.00  | 1.00  | <5       | 9        | 7        | <.2      | 110      | 62       | 44       | 25       | 35       |        |        |
|          |        | 56.00 57.00 Random sample of GABBRO, trace pyrite.                                                                                                                                                             | 128185 | 60.00    | 61.00  | 1.00  | <5       | 10       | 9        | <.2      | 86       | 65       | 36       | 24       | 36       |        |        |
|          |        | 57.00 58.00 Random sample of GABBRO, trace pyrite.                                                                                                                                                             | 128186 | 61.00    | 62.10  | 1.10  | <5       | 12       | 7        | <.2      | 126      | 91       | 37       | 27       | 42       |        |        |
|          |        | 58.00 59.00 Random sample of GABBRO, trace pyrite.                                                                                                                                                             |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 59.00 60.00 Random sample of GABBRO, trace pyrite.                                                                                                                                                             |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 60.00 61.00 Random sample of GABBRO, trace pyrite.                                                                                                                                                             |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 61.00 62.10 Lower contact GABBRO.                                                                                                                                                                              |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 62.10    | 68.40  | KOMATIITIC PERIDOTITE BRECCIA                                                                                                                                                                                  |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Upper contact sharp 55tca.                                                                                                                                                                                     | 128187 | 62.10    | 63.00  | .90   | <5       | 6        | 8        | <.2      | 94       | 299      | 24       | 22       | 51       |        |        |
|          |        | Breccia to graphitic argillite/kpdm, graphite-healed.                                                                                                                                                          | 128188 | 63.00    | 64.00  | 1.00  | <5       | 7        | 10       | <.2      | 134      | 554      | 40       | 28       | 69       |        |        |
|          |        | Non magnetic, trace-1.0% pyrite as very fine specks and blebs up to 5mm and rare hairline fracture filling, RQD 50%.                                                                                           | 128189 | 64.00    | 65.00  | 1.00  | <5       | 5        | 7        | <.2      | 49       | 351      | 30       | 13       | 32       |        |        |
|          |        | 62.10 65.60 GRAPHITIC ARGILLITE to medium grey, greasy, high graphite content, strong                                                                                                                          | 128190 | 65.00    | 65.60  | .60   | <5       | <5       | 5        | <.2      | 144      | 873      | 134      | 17       | 58       |        |        |
|          |        |                                                                                                                                                                                                                | 128191 | 65.60    | 66.30  | .70   | <5       | <5       | <5       | <.2      | 398      | 381      | 271      | 63       | 86       |        |        |
|          |        |                                                                                                                                                                                                                | 128192 | 66.30    | 67.00  | .70   | <5       | <5       | <5       | <.2      | 118      | 678      | 91       | 18       | 49       |        |        |
|          |        |                                                                                                                                                                                                                | 128193 | 67.00    | 68.00  | 1.00  | 16       | <5       | <5       | .2       | 539      | 277      | 947      | 98       | 101      |        |        |
|          |        |                                                                                                                                                                                                                | 128194 | 68.00    | 68.40  | .40   | 14       | <5       | <5       | <.2      | 279      | 183      | 631      | 88       | 66       |        |        |

| From (m) | To (m) | Geology                                                                                                                                                                                                  | Sample                     | From (m)                | To (m)                  | L (m)               | Au (ppb)       | Pt (ppb)       | Pd (ppb)       | Ag (ppm)          | Cu (ppm)       | Ni (ppm)          | Zn (ppm)        | Pb (ppm)       | Co (ppm)       | Cu (%) | Ni (%) |  |
|----------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-------------------------|-------------------------|---------------------|----------------|----------------|----------------|-------------------|----------------|-------------------|-----------------|----------------|----------------|--------|--------|--|
|          |        | shear foliation 50tca, trace pyrite.                                                                                                                                                                     |                            |                         |                         |                     |                |                |                |                   |                |                   |                 |                |                |        |        |  |
|          | 65.60  | 66.30 GRAPHITIC ARGILLITE to black, aphanitic, hardness around 4.5, chloritic composition, with 2% blebs pyrite up to 1cm.                                                                               |                            |                         |                         |                     |                |                |                |                   |                |                   |                 |                |                |        |        |  |
|          | 66.30  | 67.00 KOMATIITIC PERIDOTITE MESOCUMULATE to medium grey, fine grained, massive, strongly talcose, hardness around 3, trace pyrite.                                                                       |                            |                         |                         |                     |                |                |                |                   |                |                   |                 |                |                |        |        |  |
|          | 67.00  | 68.40 GRAPHITIC ARGILLITE as above with 1% pyrite.                                                                                                                                                       |                            |                         |                         |                     |                |                |                |                   |                |                   |                 |                |                |        |        |  |
|          | 62.10  | 63.00 KOMATIITIC PERIDOTITE BRECCIA to GRAPHITIC ARGILLITE to graphite, trace pyrite.                                                                                                                    |                            |                         |                         |                     |                |                |                |                   |                |                   |                 |                |                |        |        |  |
|          | 63.00  | 64.00 KOMATIITIC PERIDOTITE BRECCIA to GRAPHITIC ARGILLITE to graphite, trace pyrite.                                                                                                                    |                            |                         |                         |                     |                |                |                |                   |                |                   |                 |                |                |        |        |  |
|          | 64.00  | 65.00 KOMATIITIC PERIDOTITE BRECCIA to GRAPHITIC ARGILLITE to graphite, trace pyrite.                                                                                                                    |                            |                         |                         |                     |                |                |                |                   |                |                   |                 |                |                |        |        |  |
|          | 65.00  | 65.60 KOMATIITIC PERIDOTITE BRECCIA to GRAPHITIC ARGILLITE to graphite, trace pyrite.                                                                                                                    |                            |                         |                         |                     |                |                |                |                   |                |                   |                 |                |                |        |        |  |
|          | 65.60  | 66.30 KOMATIITIC PERIDOTITE BRECCIA to GRAPHITIC ARGILLITE to graphite, trace pyrite.                                                                                                                    |                            |                         |                         |                     |                |                |                |                   |                |                   |                 |                |                |        |        |  |
|          | 66.30  | 67.00 KOMATIITIC PERIDOTITE BRECCIA to KOMATIITIC PERIDOTITE MESOCUMULATE, trace pyrite.                                                                                                                 |                            |                         |                         |                     |                |                |                |                   |                |                   |                 |                |                |        |        |  |
|          | 67.00  | 68.00 KOMATIITIC PERIDOTITE BRECCIA to GRAPHITIC ARGILLITE to graphite, 1% pyrite.                                                                                                                       |                            |                         |                         |                     |                |                |                |                   |                |                   |                 |                |                |        |        |  |
|          | 68.00  | 68.40 KOMATIITIC PERIDOTITE BRECCIA to GRAPHITIC ARGILLITE to graphite, 1% pyrite.                                                                                                                       |                            |                         |                         |                     |                |                |                |                   |                |                   |                 |                |                |        |        |  |
| 68.40    | 71.30  | FELDSPAR PORPHYRY<br>Upper contact sharp 50tca.<br>Medium grey aphanitic matrix, 10% phenocrysts white plagioclase up to 2mm.<br>Non magnetic, trace-0.5% blebs< 0.5cm pyrite along fractures, RQD 100%. | 128195<br>128196<br>128197 | 68.40<br>69.40<br>70.40 | 69.40<br>70.40<br>71.30 | 1.00<br>1.00<br>.90 | <5<br><5<br><5 | <5<br><5<br><5 | <5<br><5<br><5 | <.2<br><.2<br><.2 | 76<br>50<br>56 | 152<br>139<br>177 | 136<br>59<br>58 | 28<br>27<br>33 | 27<br>25<br>29 |        |        |  |
|          |        | 68.40 69.40 FELDSPAR PORPHYRY, 0.5% blebs pyrite along fracture.                                                                                                                                         |                            |                         |                         |                     |                |                |                |                   |                |                   |                 |                |                |        |        |  |
|          |        | 69.40 70.40 FELDSPAR PORPHYRY, 0.5% blebs pyrite along fracture.                                                                                                                                         |                            |                         |                         |                     |                |                |                |                   |                |                   |                 |                |                |        |        |  |
|          |        | 70.40 71.30 FELDSPAR PORPHYRY, 0.5% blebs pyrite along fracture.                                                                                                                                         |                            |                         |                         |                     |                |                |                |                   |                |                   |                 |                |                |        |        |  |
| 71.30    | 76.00  | KOMATIITIC PERIDOTITE MESOCUMULATE<br>Upper contact sharp 40tca.                                                                                                                                         | 128198                     | 71.30                   | 72.00                   | .70                 | <5             | 10             | 9              | <.2               | 103            | 915               | 43              | 28             | 62             |        |        |  |





| From (m) | To (m) | Geology                                                                                                                             | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |
|----------|--------|-------------------------------------------------------------------------------------------------------------------------------------|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|
|          |        | trace pyrite.                                                                                                                       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          | 102.00 | 103.00 KOMATIITIC PERIDOTITE ADCUMULATE,                                                                                            |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | trace pyrite.                                                                                                                       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          | 103.00 | 104.00 KOMATIITIC PERIDOTITE ADCUMULATE,                                                                                            |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | trace pyrite.                                                                                                                       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          | 104.00 | 105.00 KOMATIITIC PERIDOTITE ADCUMULATE,                                                                                            |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | trace pyrite.                                                                                                                       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          | 105.00 | 106.00 KOMATIITIC PERIDOTITE ADCUMULATE,                                                                                            |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | trace pyrite.                                                                                                                       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          | 106.00 | 107.00 KOMATIITIC PERIDOTITE ADCUMULATE,                                                                                            |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | trace pyrite.                                                                                                                       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          | 107.00 | 107.60 KOMATIITIC PERIDOTITE ADCUMULATE,                                                                                            |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | trace pyrite.                                                                                                                       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          | 107.60 | 108.00 107.6-110.2m sudden increase in serpentine to severely serpentinized, bright pistachio green throughout.                     |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 110.20   | 114.50 | KOMATIITIC SPINIFEX PERIDOTITE                                                                                                      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Upper contact sharp marked by sudden decrease in serpentinization, but immeasurable.                                                | 128241 | 110.20   | 111.20 | 1.00  | <5       | 17       | 13       | <.2      | 51       | 302      | 31       | 27       | 39       |        |        |
|          |        | Prevalent spinifex throughout to distinct, random, from asterisk. -like 1-2cm blades to 0.5cm blades downhole.                      | 128242 | 111.20   | 112.00 | .80   | <5       | 14       | 9        | <.2      | 107      | 923      | 37       | 29       | 68       |        |        |
|          |        | Non magnetic, 0-rare fine grained bleb pyrite, RQD 100%.                                                                            | 128243 | 112.00   | 113.00 | 1.00  | <5       | 14       | 10       | <.2      | 97       | 828      | 36       | 28       | 66       |        |        |
|          |        | 110.20 111.20 110.2-114.5m KOMATIITIC SPINIFEX PERIDOTITE, rare pyrite.                                                             | 128244 | 113.00   | 114.00 | 1.00  | 5        | 13       | 10       | <.2      | 97       | 1007     | 46       | 29       | 74       |        |        |
|          |        |                                                                                                                                     | 128245 | 114.00   | 114.50 | .50   | <5       | 15       | 13       | <.2      | 105      | 528      | 47       | 26       | 60       |        |        |
| 114.50   | 116.40 | KOMATIITIC PERIDOTITE ADCUMULATE                                                                                                    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Upper contact sharp marked by absence of spinifex. As from 76.0-85.7m.                                                              | 128246 | 114.50   | 115.00 | .50   | <5       | 16       | 11       | <.2      | 163      | 1063     | 84       | 29       | 78       |        |        |
|          |        | Non-magnetic, trace pyrite, RQD 80%.                                                                                                | 128247 | 115.00   | 116.00 | 1.00  | 7        | 18       | 10       | <.2      | 246      | 963      | 279      | 27       | 76       |        |        |
|          | 115.00 | 116.00 114.5-116.4 KOMATIITIC PERIDOTITE ADCUMULATE trace pyrite.                                                                   | 128248 | 116.00   | 116.40 | .40   | <5       | 13       | 7        | <.2      | 75       | 759      | 261      | 20       | 48       |        |        |
| 116.40   | 118.80 | MAFIC INTRUSIVE                                                                                                                     |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Upper contact faint around 30/lower contact sharp 30tca.                                                                            | 128249 | 116.40   | 117.00 | .60   | 6        | 20       | 9        | <.2      | 314      | 884      | 169      | 33       | 63       |        |        |
|          |        | Medium grey, fine grained, massive, homogeneous, no stringers or fracture filling.                                                  | 128250 | 117.00   | 117.00 | .00   | 9        | 23       | 20       | <.2      | 195      | 107      | 19       | 10       | 25       |        |        |
|          |        | Non-magnetic, 0-trace pyrite, RQD 100%.                                                                                             | 128251 | 117.00   | 118.00 | 1.00  | <5       | <5       | <5       | <.2      | 142      | 152      | 59       | 21       | 25       |        |        |
|          |        | 117.00 Blank, gsch.                                                                                                                 | 128252 | 118.00   | 118.80 | .80   | <5       | <5       | <5       | <.2      | 135      | 364      | 105      | 16       | 39       |        |        |
|          |        | 117.00 118.00 Mafic intrusive, trace pyrite.                                                                                        |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 118.00 118.80 Lower contact mafic intrusive, trace pyrite.                                                                          |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 118.80   | 153.00 | KOMATIITIC PERIDOTITE ADCUMULATE                                                                                                    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Upper contact sharp 30tca.                                                                                                          | 128253 | 118.80   | 119.50 | .70   | <5       | <5       | <5       | <.2      | 295      | 559      | 139      | 11       | 40       |        |        |
|          |        | Dark greenish grey, aphanitic-very fine grained, massive, homogeneous, weakly serpentine. No stringers/fracture filling until 122m. | 128254 | 119.50   | 120.00 | .50   | <5       | 5        | <5       | <.2      | 410      | 847      | 100      | 10       | 45       |        |        |
|          |        |                                                                                                                                     | 128255 | 120.00   | 121.00 | 1.00  | <5       | 6        | <5       | <.2      | 230      | 700      | 138      | 9        | 38       |        |        |
|          |        |                                                                                                                                     | 128256 | 121.00   | 122.00 | 1.00  | <5       | 6        | <5       | <.2      | 299      | 545      | 138      | 12       | 42       |        |        |









| From (m) | To (m) | Geology                                                                                                                                                                                          | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |  |
|----------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|--|
|          |        | very weak quartz ankeritization, 2%                                                                                                                                                              |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | quartz ankerite fracture filling                                                                                                                                                                 |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | generally 40-60tca. Non magnetic, barren, RQD 80%.                                                                                                                                               |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 149.00 | 150.00 Single fine grained bleb chalcopyrite, trace very fine specks pyrite disseminated.                                                                                                        |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 150.00 | 151.00 150.0-152.0m barren.                                                                                                                                                                      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 152.00 | 153.00 Single fine grained bleb chalcopyrite, trace very fine specks pyrite disseminated.                                                                                                        |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 153.00   | 162.50 | KOMATIITIC PERIDOTITE MESOCUMULATE Upper contact gradual.                                                                                                                                        | 128292 | 153.00   | 154.00 | 1.00  | <5       | <5       | <5       | <.2      | 172      | 208      | 55       | 15       | 40       |        |        |  |
|          |        | Very fine grained, marked increase in talc content, medium aqua green, 10% barren aqua/white talc/calcite/quartz carbonate string up to 5cm generally 30-50tca, trace very fine pyrite. RQD 80%. | 128293 | 154.00   | 155.00 | 1.00  | <5       | 6        | 9        | <.2      | 34       | 363      | 8        | 5        | 25       |        |        |  |
|          |        |                                                                                                                                                                                                  | 128294 | 155.00   | 156.00 | 1.00  | <5       | 7        | <5       | <.2      | 102      | 1029     | 19       | 11       | 45       |        |        |  |
|          | 153.00 | 154.00 KOMATIITIC PERIDOTITE MESOCUMULATE, trace pyrite.                                                                                                                                         |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 154.00 | 155.00 KOMATIITIC PERIDOTITE MESOCUMULATE, trace pyrite.                                                                                                                                         |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 155.00 | 156.00 KOMATIITIC PERIDOTITE MESOCUMULATE, trace pyrite.                                                                                                                                         |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 162.50   | 189.70 | KOMATIITIC PERIDOTITE ADCUMULATE                                                                                                                                                                 |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 162.50 179.70 Amygdaloidal KOMATIITIC PERIDOTITE ADCUMULATE - marker horizon.                                                                                                                    | 128295 | 167.00   | 168.00 | 1.00  | <5       | 17       | 24       | <.2      | 140      | 1358     | 26       | 15       | 54       |        |        |  |
|          |        | Upper contact/lower contact gradual.                                                                                                                                                             | 128296 | 168.00   | 169.00 | 1.00  | <5       | 15       | 21       | <.2      | 315      | 1017     | 29       | 18       | 61       |        |        |  |
|          |        | Medium emerald green, aphanitic matrix, very strongly serpentine, with 10% round amygdules black serpentine-altered around 1cm diameter. Progresses to black matrix, less.                       | 128297 | 169.00   | 170.00 | 1.00  | <5       | 18       | 19       | <.2      | 256      | 916      | 27       | 16       | 53       |        |        |  |
|          |        |                                                                                                                                                                                                  | 128298 | 170.00   | 171.00 | 1.00  | <5       | 12       | 10       | <.2      | 297      | 490      | 25       | 12       | 44       |        |        |  |
|          |        | Serpentine, and amygdules decrease in size to 5mm. Non magnetic, 0-trace pentlandite blebs up to 3mm, RQD 100%.                                                                                  | 128299 | 188.70   | 189.70 | 1.00  | <5       | 9        | <5       | <.2      | 203      | 1176     | 45       | 16       | 65       |        |        |  |
|          | 179.70 | 189.70 Black, aphanitic, massive, very weakly serpentine, 0.5% white fracture filling various angles. Non-magnetic, 0-rare speck pentlandite, RQD 100%.                                          |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 167.00 | 168.00 KOMATIITIC PERIDOTITE ADCUMULATE amygdaloidal, trace pentlandite.                                                                                                                         |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 168.00 | 169.00 KOMATIITIC PERIDOTITE ADCUMULATE amygdaloidal, trace pentlandite.                                                                                                                         |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 169.00 | 170.00 KOMATIITIC PERIDOTITE ADCUMULATE amygdaloidal, trace pentlandite.                                                                                                                         |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 170.00 | 171.00 KOMATIITIC PERIDOTITE ADCUMULATE amygdaloidal, trace pentlandite.                                                                                                                         |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          | 188.70 | 189.70 Bracket lower contact KOMATIITIC PERIDOTITE ADCUMULATE.                                                                                                                                   |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |





o Northing: 5349320.00 DRILL HOLE RECORD Drill Hole: GCL08-47B

o Easting: 497489.00

o Elevation: 295.00 \*\*\* Dip Tests \*\*\* Project: Langmuir Zone

o Collar Azi.: 330.0 Depth Azi. Dip Property: Langmuir

o Collar Dip: -55.0 Claim: 4203498

o Hole length: 38.00 Northing: 0+50 N

o Units: Metric Easting: 0+75 W

o Core size: NQ GPS Northing: 5349320

o Grid: Metric 2007 GPS Easting: 497489

o Materials left: Casing pulled Date Started: February 11,2008.

o Collar survey: Chained, GPS. Date completed: February 11,2008.

o DH Survey method: Reflex Drilled by: Norex

o Sample type: Cut Core

o Analyses: N/A

o Lab: N/A

o Sample series: N/A

o Lab report: N/A

o Comments: Stopped due to azimuth deviation.

o Logged by: G. Sparling

o Date(s) logged: February 14,2008.

o Purpose: N/A

o Core storage: Golden Chalice Facility Timmins

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o From To Geology Sample From To L Au Pt Pd Ag Cu Ni Zn Pb Co Cu(%) Ni(%)

o (m) (m) (m) (m) (m) ppb ppb ppb ppm ppm ppm ppm % %

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o .00 12.70 18m Of nw casing.

o Missing test.

o 12.70 38.00 GABBRO

o Grey to brown unit previously called gabbro in hole

o 22 and GRANODIORITE in hole 46, other believe it

o maybe a lamprophyre, medium to coarse grained,

o hard, non magnetic.

o Brown-black amphibole rich (hornblende-biotite)

o unit up to 10-30%, 1-9mm sized.

o More massive sections resemble typical granodiorite.

o Good RQD of 85% with minor broken core.

o Fracturing at various angle with thin serpentine

o filled fractures.

o Trace coarse pyrite on fractures.

o A few hairlike calcite stringers at 60-70 tca.

o 13.40 19.90 30% amphiboles, average size of 6-7mm.

o 27.80 34.40 20-30% amphiboles, average size of

o 6-7mm decreasing in size and quantity

o around 32.5m.

o 34.40 36.00 KOMATIITIC PERIDOTITE SHEARED, 20% RQD,

o broken core throughout.

o 36.00 38.00 Broken core, 40% rqd.

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| From (m) | To (m) | Geology     | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |
|----------|--------|-------------|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|
| 0        | 0      |             | 0      | 0        | 0      | 0     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0      | 0      |
| 0        | 38.00  | END OF HOLE | 0      | 0        | 0      | 0     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0      | 0      |
| 0        | 0      |             | 0      | 0        | 0      | 0     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0      | 0      |
| 0        | 0      |             | 0      | 0        | 0      | 0     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0      | 0      |
| 0        | 0      |             | 0      | 0        | 0      | 0     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0      | 0      |
| 0        | 0      |             | 0      | 0        | 0      | 0     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0      | 0      |
| 0        | 0      |             | 0      | 0        | 0      | 0     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0      | 0      |
| 0        | 0      |             | 0      | 0        | 0      | 0     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0      | 0      |
| 0        | 0      |             | 0      | 0        | 0      | 0     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0      | 0      |
| 0        | 0      |             | 0      | 0        | 0      | 0     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0      | 0      |
| 0        | 0      |             | 0      | 0        | 0      | 0     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0      | 0      |
| 0        | 0      |             | 0      | 0        | 0      | 0     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0      | 0      |
| 0        | 0      |             | 0      | 0        | 0      | 0     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0      | 0      |
| 0        | 0      |             | 0      | 0        | 0      | 0     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0      | 0      |
| 0        | 0      |             | 0      | 0        | 0      | 0     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0      | 0      |
| 0        | 0      |             | 0      | 0        | 0      | 0     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0      | 0      |
| 0        | 0      |             | 0      | 0        | 0      | 0     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0      | 0      |
| 0        | 0      |             | 0      | 0        | 0      | 0     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0      | 0      |
| 0        | 0      |             | 0      | 0        | 0      | 0     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0      | 0      |
| 0        | 0      |             | 0      | 0        | 0      | 0     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0      | 0      |
| 0        | 0      |             | 0      | 0        | 0      | 0     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0      | 0      |
| 0        | 0      |             | 0      | 0        | 0      | 0     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0      | 0      |
| 0        | 0      |             | 0      | 0        | 0      | 0     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0      | 0      |
| 0        | 0      |             | 0      | 0        | 0      | 0     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0      | 0      |
| 0        | 0      |             | 0      | 0        | 0      | 0     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0      | 0      |
| 0        | 0      |             | 0      | 0        | 0      | 0     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0      | 0      |
| 0        | 0      |             | 0      | 0        | 0      | 0     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0      | 0      |
| 0        | 0      |             | 0      | 0        | 0      | 0     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0      | 0      |
| 0        | 0      |             | 0      | 0        | 0      | 0     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0      | 0      |
| 0        | 0      |             | 0      | 0        | 0      | 0     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0      | 0      |
| 0        | 0      |             | 0      | 0        | 0      | 0     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0      | 0      |
| 0        | 0      |             | 0      | 0        | 0      | 0     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0      | 0      |
| 0        | 0      |             | 0      | 0        | 0      | 0     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0      | 0      |

Northing: 5349322.00 DRILL HOLE RECORD Drill Hole: GCL08-47A
Easting: 497489.00
Elevation: 295.00 \*\*\* Dip Tests \*\*\* Project: Langmuir Zone
Depth Azi. Dip Property: Langmuir
Collar Azi.: 334.0 Claim: 4203498
Collar Dip: -55.0 26 333.9 -55.7 Northing: 0+50 N
77 332.5 -55.8 Easting: 0+75 W
GPS Northing: 5349322
GPS Easting: 497489
Date Started: February 9,2008.
Date completed: February 10,2008.
Drilled by: Norex
Sample type: Cut Core
Analyses: N/A
Lab: N/A
Sample series: N/A
Lab report: N/A
Materials left: Casing pulled
Collar survey: Chained, GPS.
DH Survey method: Reflex
Comments: Stopped due to 13.9 degree azimuth deviation.
Logged by: G. Sparling
Date(s) logged: February 11,2008.
Purpose: N/A
Core storage: Hastings Facility Timmins

Table with columns: From (m), To (m), Geology, Sample, From (m), To (m), L (m), Au (ppb), Pt (ppb), Pd (ppb), Ag (ppm), Cu (ppm), Ni (ppm), Zn (ppm), Pb (ppm), Co (ppm), Cu (%) Ni (%)

| From (m) | To (m) | Geology                                                                                                                                                 | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |
|----------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|
|          |        | serpentine fracture filling.                                                                                                                            |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Trace-0.5% pyrite in matrix and on fractures.                                                                                                           |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | A few low angle calcite stringers.                                                                                                                      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 33.40 34.00 Massive, grey GRANODIORITE with 30 degrees to core axis contacts.                                                                           |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Lower contact at 30 tca.                                                                                                                                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 35.50    | 39.50  | GRANODIORITE                                                                                                                                            |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Typical grey to dark grey GRANODIORITE, fine grained, 10% white feldspar phenocrysts, massive, hard, non magnetic, fractured.                           |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Very weak silicification and calcite alteration.                                                                                                        |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | RQD of 80% with minor broken core and serpentine filled fractures.                                                                                      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | A few quartz +/- calcite stringers with rare pyrite.                                                                                                    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Lower contact in broken core.                                                                                                                           |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 39.50    | 42.50  | GABBRO                                                                                                                                                  |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Same as 18-32.8.                                                                                                                                        |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Lower contact at 50 tca.                                                                                                                                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 42.50    | 77.00  | GRANODIORITE                                                                                                                                            |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Grey to dark grey GRANODIORITE, fine grained, 10-15% white feldspar phenocrysts and around 5% 1-4mm amphiboles, massive, hard, non magnetic, fractured. |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Very weak silicification with local potassic, serpentine and calcite alteration.                                                                        |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | RQD of 80% with minor broken core.                                                                                                                      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Variable angled fractures throughout filled with serpentine with over print of limonite oxidation.                                                      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 0.5% White calcite-quartz stringers at high angle, hairlike to 1cm.                                                                                     |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Rare coarse pyrite on fractures.                                                                                                                        |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 66.90 67.50 Grey-green, medium grained, massive, moderately hard, non magnetic, mafic dyke (?).                                                         |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 77.00    |        | END OF HOLE                                                                                                                                             |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |

o Northing: 5349320.00 DRILL HOLE RECORD Drill Hole: GCL08-47

o Easting: 497487.60

o Elevation: 295.17 \*\*\* Dip Tests \*\*\* Project: Langmuir Zone

o Depth Azi. Dip Property: Langmuir

o Collar Azi.: 321.3 Claim: 4203498

o Collar Dip: -55.2 32 322.6 -54.7 Northing: 0+50 N

o 62 322.4 -54.8 Easting: 0+75 W

o 113 322.5 -54.9 GPS Northing: 5349319.32

o Hole length: 602.00 164 324.4 -55.0 GPS Easting: 497487.57

o Units: Metric 215 323.0 -55.3 Date Started: February 11,2008.

o Core size: NQ 266 324.0 -55.7 Date completed: February 24,2008.

o Grid: Metric 2007 317 324.7 -55.7 Drilled by: Norex

o 368 324.4 -56.3 Sample type: Cut Core

o Materials left: Casing 470 326.1 -56.8 Analyses: PM 30g FA, BM AA

o Collar survey: Talbot GPS 521 326.3 -57.2 Lab: Expert

o DH Survey method: Reflex 572 326.8 -56.8 Sample series: 128072-173

o 602 328.3 -56.9 Lab report: 22191

o Comments: N/A

o Logged by: G. Sparling

o Date(s) logged: February 14,2008.

o Purpose: N/A

o Core storage: Hastings Facility Timmins

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o From To Geology Sample From To L Au Pt Pd Ag Cu Ni Zn Pb Co Cu(%) Ni(%)

o (m) (m) (m) (m) (m) ppb ppb ppb ppm ppm ppm ppm ppm ppm % %

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o .00 12.00 OVERBURDEN 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

o 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

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o 41.40 86.80 GRANODIORITE 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

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| From (m) | To (m) | Geology                                                                                                                                                                                                                                 | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |  |
|----------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|--|
|          |        | Grey to dark grey, fine to medium grained matrix, massive, homogeneous, hard, non magnetic, porpheric.                                                                                                                                  |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Composed of 10% 1-8mm feldspars plus/minus quartz (phenocrysts), 3-5% plus/minus dark black amphiboles from a few mm to at most 1cm, 1% or so brown/black biotitic lithic fragments (local increase in size and angularity throughout). |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Alteration consists of weak localized silicification and potassic alteration.                                                                                                                                                           |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | RQD of 75-85% with section of broken core.                                                                                                                                                                                              |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Fracturing at various angle with thin serpentine filled fractures and scattered oxidized fractures throughout.                                                                                                                          |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 1% White calcite-quartz stringers at 70-75 degrees to core axis.                                                                                                                                                                        |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Trace coarse pyrite on fractures/stringers.                                                                                                                                                                                             |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 43.00 56.00 Broken core with oxidized fractures, 55% rqd.                                                                                                                                                                               |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 57.10 57.40 Greyish-green, fine grained, massive dyke (?), sharp contacts at 35 and 40 tca.                                                                                                                                             |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 83.90 86.80 Orange-beige potassic altered section. Lower contact in broken core at roughly 50 tca.                                                                                                                                      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 86.80    | 93.00  | GRAPHITIC ARGILLITE                                                                                                                                                                                                                     |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Dark black, fine grained GRAPHITIC ARGILLITE with 5-10% dark grey-black highly graphitic KOMATIITIC PERIDOTITE MESOCUMULATE and 5-10% sections of gd. Non magnetic, highly conductive GRAPHITIC ARGILLITE, moderately hard to hard.     |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Alteration consists of pervasive graphite and calcite in GRAPHITIC ARGILLITE, weak calcite and graphite in KOMATIITIC PERIDOTITE MESOCUMULATE and weak silicification in gd.                                                            |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Broken core throughout unit (rqd of 60%) with generally silvery-black low angle graphitic fractures.                                                                                                                                    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Trace-0.5% irregular grey-white calcite and serpentine stringers.                                                                                                                                                                       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Trace-0.5% pyrite smears on fractures and along stringers/fractures.                                                                                                                                                                    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 87.80 88.90 KOMATIITIC PERIDOTITE MESOCUMULATE, slightly graphitic and calcite altered, nil sulphides.                                                                                                                                  |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 90.90 91.70 Massive typical gd. Lower contact at 50 tca.                                                                                                                                                                                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 93.00    | 194.00 | GRANODIORITE                                                                                                                                                                                                                            |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Grey to dark grey, typical GRANODIORITE, fine to medium grained, porpheric, massive, hard, non                                                                                                                                          | 128072 | 102.10   | 102.60 | .50   | <5       | <5       | <5       | <.2      | 92       | 226      | 169      | 103      | 27       |        |        |  |
|          |        | medium grained, porpheric, massive, hard, non                                                                                                                                                                                           | 128073 | 102.60   | 102.90 | .30   | <5       | <5       | <5       | <.2      | 90       | 164      | 99       | 58       | 30       |        |        |  |



| From (m) | To (m) | Geology                                                                                                                                                                                        | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |
|----------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|
|          |        | A few 70-75 degrees to core axis calcite stringers.                                                                                                                                            |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Trace coarse pyrite.                                                                                                                                                                           |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Gradual lower contact.                                                                                                                                                                         |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 212.10   | 271.60 | KOMATIITIC PERIDOTITE MESOCUMULATE                                                                                                                                                             |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Dark black-grey, fine grained, massive, hard, non magnetic, locally conductive.                                                                                                                | 128076 | 270.60   | 271.60 | 1.00  | <5       | <5       | <5       | <.2      | 182      | 1010     | 208      | 23       | 76       |        |        |
|          |        | Unit has 10-15% broken/fractured GRAPHITIC ARGILLITE sections up to 30cm thick.                                                                                                                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Alteration consists of patchy calcite-graphite and serpentine.                                                                                                                                 |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | RQD of 75-85% with several sections of broken core, local weathered core.                                                                                                                      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Fracturing at various angles with mostly graphite fracture filling +/- serpentine.                                                                                                             |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 1% Irregular to 70 degrees to core axis calcite +/- serpentine stringers.                                                                                                                      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Trace-0.5% pyrite associated with stringers/fractures and a few local disseminations.                                                                                                          |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Gradual lower contact.                                                                                                                                                                         |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 227.20 271.60 Dark grey, fine grained, massive, hard, non magnetic, altered, fractured.                                                                                                        |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Weakly carbonate +/- serpentine alteration.                                                                                                                                                    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Good RQD of 85% with localized broken core.                                                                                                                                                    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Fracturing between 50-70 degrees to core axis with serpentine and/or carbonate.                                                                                                                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Multiple generation grey-white serpentine +/- carbonate stringers at various angles up to 3%.                                                                                                  |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Rare pyrite associated with stringers/fractures.                                                                                                                                               |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 232.00 232.60 Minor section of broken core, a few slips, 30% rqd.                                                                                                                              |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Lower contact gradual and delineated by conductivity                                                                                                                                           |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 270.60 271.60 0.5% po-py smears on fractures.                                                                                                                                                  |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 271.60   | 283.90 | KOMATIITIC PERIDOTITE GRAPHITIC                                                                                                                                                                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Dark black to dark grey highly graphitic and calcite altered KOMATIITIC PERIDOTITE MESOCUMULATE with 15-20% sga.                                                                               | 128077 | 271.60   | 272.60 | 1.00  | <5       | <5       | <5       | <.2      | 509      | 372      | 577      | 31       | 70       |        |        |
|          |        | Fine grained, massive, moderately hard, non magnetic, non conductive to highly conductive.                                                                                                     | 128078 | 272.60   | 273.50 | .90   | <5       | <5       | <5       | <.2      | 83       | 662      | 118      | 22       | 65       |        |        |
|          |        | Good RQD of 85% with localized graphitic broken core.                                                                                                                                          | 128079 | 273.50   | 274.40 | .90   | 9        | 9        | 8        | <.2      | 91       | 560      | 109      | 20       | 58       |        |        |
|          |        | Fracturing at various angle with silvery black graphite filling.                                                                                                                               | 128080 | 274.40   | 275.30 | .90   | <5       | 8        | 8        | <.2      | 127      | 818      | 102      | 20       | 69       |        |        |
|          |        | Localized weak healed breccia.                                                                                                                                                                 | 128081 | 275.30   | 276.20 | .90   | <5       | <5       | <5       | <.2      | 164      | 711      | 130      | 21       | 65       |        |        |
|          |        | Rare irregular calcite stringers.                                                                                                                                                              | 128082 | 276.20   | 277.10 | .90   | <5       | <5       | <5       | <.2      | 148      | 906      | 915      | 21       | 82       |        |        |
|          |        | Trace-0.5% mostly pyrite with some pyrrhotite as disseminations in matrix and on fractures, scattered somewhat oval blebs of pyrite-po up to 1cm scattered throughout but associated with sga. | 128083 | 277.10   | 278.00 | .90   | <5       | <5       | <5       | <.2      | 316      | 704      | 289      | 38       | 81       |        |        |
|          |        |                                                                                                                                                                                                | 128084 | 278.00   | 279.00 | 1.00  | <5       | 7        | 7        | <.2      | 88       | 671      | 144      | 19       | 66       |        |        |
|          |        |                                                                                                                                                                                                | 128085 | 279.00   | 280.00 | 1.00  | 9        | <5       | <5       | <.2      | 119      | 710      | 133      | 21       | 70       |        |        |
|          |        |                                                                                                                                                                                                | 128086 | 280.00   | 281.00 | 1.00  | <5       | <5       | <5       | <.2      | 70       | 769      | 108      | 21       | 69       |        |        |
|          |        |                                                                                                                                                                                                | 128087 | 281.00   | 281.30 | .30   | <5       | <5       | <5       | <.2      | 169      | 373      | 132      | 29       | 60       |        |        |
|          |        |                                                                                                                                                                                                | 128088 | 281.30   | 282.30 | 1.00  | <5       | <5       | <5       | <.2      | 87       | 771      | 91       | 24       | 69       |        |        |



| From (m) | To (m) | Geology                                             | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |
|----------|--------|-----------------------------------------------------|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|
|          |        | 311.70 312.70 Trace po-py.                          |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 324.20   | 388.00 | KOMATIITIC PERIDOTITE MESOCUMULATE                  |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Dark grey-black, fine grained, massive,             | 128092 | 340.40   | 341.40 | 1.00  | <5       | <5       | <5       | <.2      | 94       | 1427     | 36       | 23       | 78       |        |        |
|          |        | homogeneous, hard, non magnetic, altered,           | 128093 | 341.40   | 342.30 | .90   | <5       | 12       | 7        | <.2      | 96       | 1323     | 25       | 25       | 69       |        |        |
|          |        | fractured, locally adcumulate.                      | 128094 | 342.30   | 343.20 | .90   | <5       | <5       | <5       | <.2      | 78       | 1341     | 25       | 22       | 79       |        |        |
|          |        | Weakly carbonate +/- pistachio green serpentine     | 128095 | 343.20   | 344.00 | .80   | <5       | <5       | <5       | <.2      | 92       | 1224     | 26       | 26       | 77       |        |        |
|          |        | alteration.                                         | 128096 | 344.00   | 345.00 | 1.00  | <5       | 5        | <5       | <.2      | 73       | 1389     | 22       | 21       | 70       |        |        |
|          |        | Good RQD of 85% with minor sections of broken core. | 128097 | 345.00   | 346.00 | 1.00  | <5       | <5       | <5       | <.2      | 75       | 1454     | 23       | 19       | 68       |        |        |
|          |        | Fracturing at 50-70 degrees to core axis with       | 128098 | 386.00   | 387.00 | 1.00  | <5       | <5       | <5       | <.2      | 117      | 1137     | 23       | 23       | 64       |        |        |
|          |        | serpentine +/- carbonate fracture filling.          | 128099 | 387.00   | 388.00 | 1.00  | <5       | 8        | <5       | <.2      | 81       | 1177     | 23       | 21       | 64       |        |        |
|          |        | 1-2% White calcite +/- serpentine stringers at      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | various angles.                                     |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Trace pyrrhotite with up to 0.5% in adcumulate      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | sections.                                           |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 324.20 336.80 Locally crystallized section with a   |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | few serpentine filed blotches and                   |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | amygdules, nil sulphides.                           |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 341.40 345.00 Trace-0.5% finely disseminated        |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | pyrrhotite locally, massive,                        |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | adcumulate.                                         |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 350.00 355.00 Light grey to green,                  |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | serpentine-carbonate altered,                       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | massive, mesocumulate-orthocumulate.                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 350.00 382.50 Light grey-grey and grey-black        |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | serpentine altered mesocumulate with                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | a few almost orthocumulate sections,                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 2-3% irregular shaped serpentine                    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | filed blotches up to 5cm with 0.5%                  |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | amygdules, rare fine pyrrhotite                     |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | disseminations.                                     |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 370.30 371.30 Light grey massive,                   |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | mesocumulate-orthocumulate.                         |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 382.50 388.00 As above but adcumulate with          |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | serpentine filled blotches and local                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | pistachio green serpentine alteration.              |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Gradual lower contact.                              |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 340.40 341.40 No visible sulphides.                 |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 341.40 342.30 0.5% disseminated po.                 |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 342.30 343.20 0.5% disseminated po.                 |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 343.20 344.00 Trace disseminated po.                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 344.00 345.00 Trace disseminated po.                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 345.00 346.00 No visible sulphides.                 |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 386.00 387.00 Trace disseminated po.                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 387.00 388.00 Trace disseminated po.                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 388.00   | 467.30 | KOMATIITIC PERIDOTITE ADCUMULATE                    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Typical dark black fine grained KOMATIITIC          | 128100 | 388.00   | 388.00 | .00   | <5       | <5       | <5       | <.2      | 166      | 108      | 106      | 24       | 50       |        |        |
|          |        | PERIDOTITE ADCUMULATE unit, massive, homogeneous,   | 128101 | 388.00   | 389.00 | 1.00  | <5       | <5       | <5       | <.2      | 66       | 1292     | 23       | 19       | 65       |        |        |
|          |        | hard, non magnetic, altered, fractured.             | 128102 | 389.00   | 390.00 | 1.00  | <5       | <5       | <5       | <.2      | 87       | 1175     | 26       | 24       | 61       |        |        |
|          |        | Patchy greyish carbonate alteration and pistachio   | 128103 | 390.00   | 391.00 | 1.00  | <5       | <5       | <5       | <.2      | 70       | 1471     | 23       | 18       | 65       |        |        |

| From To |     |  | Geology                                                | Sample   | From    | To      | L     | Au  | Pt   | Pd   | Ag   | Cu    | Ni     | Zn  | Pb  | Co   | Cu(%) | Ni(%) |
|---------|-----|--|--------------------------------------------------------|----------|---------|---------|-------|-----|------|------|------|-------|--------|-----|-----|------|-------|-------|
| (m)     | (m) |  |                                                        |          | (m)     | (m)     | (m)   | ppb | ppb  | ppb  | ppm  | ppm   | ppm    | ppm | ppm | ppm  | %     | %     |
|         |     |  | ° green serpentine alteration.                         | °128104° | 391.00° | 392.00° | 1.00° | <5° | <5°  | <5°  | <.2° | 61°   | 1445°  | 22° | 18° | 65°  |       |       |
|         |     |  | ° Good RQD of 80-85% with localized broken core.       | °128105° | 392.00° | 393.00° | 1.00° | <5° | <5°  | <5°  | <.2° | 64°   | 1537°  | 19° | 17° | 67°  |       |       |
|         |     |  | ° Fracturing at 50-70 degrees to core axis with        | °128106° | 393.00° | 394.00° | 1.00° | <5° | <5°  | <5°  | <.2° | 66°   | 1720°  | 20° | 17° | 70°  |       |       |
|         |     |  | ° serpentine +/- carbonate fracture filling.           | °128107° | 394.00° | 395.00° | 1.00° | <5° | <5°  | <5°  | <.2° | 82°   | 1590°  | 20° | 17° | 64°  |       |       |
|         |     |  | ° 1-2% White to green-white calcite and/ or            | °128108° | 395.00° | 396.00° | 1.00° | <5° | <5°  | <5°  | <.2° | 94°   | 1490°  | 23° | 21° | 62°  |       |       |
|         |     |  | ° serpentine stringers, mostly hairlike but up to 8mm. | °128109° | 396.00° | 397.00° | 1.00° | <5° | <5°  | <5°  | <.2° | 81°   | 1423°  | 23° | 22° | 70°  |       |       |
|         |     |  | ° Trace-0.5% finely disseminated pyrrhotite +/- pn.    | °128110° | 397.00° | 398.00° | 1.00° | <5° | <5°  | <5°  | <.2° | 66°   | 1264°  | 21° | 19° | 65°  |       |       |
|         |     |  | ° 388.00 Marble blank.                                 | °128111° | 398.00° | 399.00° | 1.00° | <5° | <5°  | <5°  | <.2° | 73°   | 1432°  | 22° | 20° | 66°  |       |       |
|         |     |  | ° 388.00 389.00 0.5% disseminated po.                  | °128112° | 399.00° | 400.00° | 1.00° | <5° | <5°  | <5°  | <.2° | 59°   | 1507°  | 19° | 17° | 65°  |       |       |
|         |     |  | ° 389.00 390.00 Trace disseminated po.                 | °128113° | 400.00° | 401.00° | 1.00° | <5° | <5°  | <5°  | <.2° | 67°   | 1401°  | 20° | 19° | 63°  |       |       |
|         |     |  | ° 390.00 391.00 Trace disseminated po.                 | °128114° | 401.00° | 402.00° | 1.00° | <5° | <5°  | <5°  | <.2° | 72°   | 1309°  | 21° | 21° | 66°  |       |       |
|         |     |  | ° 391.00 392.00 Trace disseminated po.                 | °128115° | 402.00° | 403.00° | 1.00° | <5° | 7°   | <5°  | <.2° | 76°   | 1102°  | 22° | 22° | 60°  |       |       |
|         |     |  | ° 392.00 393.00 Trace disseminated po.                 | °128116° | 403.00° | 404.00° | 1.00° | <5° | <5°  | <5°  | <.2° | 63°   | 1248°  | 15° | 17° | 63°  |       |       |
|         |     |  | ° 393.00 394.00 Trace disseminated po.                 | °128117° | 404.00° | 405.00° | 1.00° | 20° | <5°  | <5°  | <.2° | 61°   | 1402°  | 13° | 17° | 65°  |       |       |
|         |     |  | ° 394.00 395.00 Trace disseminated po.                 | °128118° | 405.00° | 406.00° | 1.00° | <5° | 7°   | <5°  | <.2° | 67°   | 1390°  | 15° | 18° | 66°  |       |       |
|         |     |  | ° 395.00 396.00 0.5% disseminated po.                  | °128119° | 406.00° | 407.00° | 1.00° | 7°  | 8°   | <5°  | <.2° | 62°   | 1483°  | 12° | 17° | 62°  |       |       |
|         |     |  | ° 396.00 397.00 0.5% disseminated po.                  | °128120° | 407.00° | 408.00° | 1.00° | <5° | 6°   | <5°  | <.2° | 57°   | 1545°  | 14° | 19° | 65°  |       |       |
|         |     |  | ° 397.00 398.00 0.5% disseminated po.                  | °128121° | 408.00° | 409.00° | 1.00° | <5° | <5°  | <5°  | <.2° | 63°   | 1633°  | 14° | 18° | 69°  |       |       |
|         |     |  | ° 398.00 399.00 Trace disseminated po.                 | °128122° | 409.00° | 410.00° | 1.00° | 9°  | 9°   | <5°  | <.2° | 64°   | 1625°  | 14° | 18° | 66°  |       |       |
|         |     |  | ° 399.00 400.00 Trace disseminated po.                 | °128123° | 410.00° | 411.00° | 1.00° | <5° | 6°   | <5°  | <.2° | 67°   | 1494°  | 13° | 19° | 64°  |       |       |
|         |     |  | ° 400.00 401.00 Trace disseminated po.                 | °128124° | 411.00° | 412.00° | 1.00° | <5° | <5°  | <5°  | <.2° | 66°   | 1402°  | 12° | 19° | 61°  |       |       |
|         |     |  | ° 401.00 402.00 0.5% disseminated po.                  | °128125° | 412.00° | 412.00° | .00°  | 10° | 110° | 124° | <.2° | 1798° | 19900° | 87° | 49° | 389° |       |       |
|         |     |  | ° 402.00 403.00 0.5% disseminated po.                  | °128126° | 412.00° | 413.00° | 1.00° | <5° | <5°  | <5°  | <.2° | 70°   | 1586°  | 13° | 18° | 67°  |       |       |
|         |     |  | ° 403.00 404.00 0.5% disseminated po.                  | °128127° | 413.00° | 414.00° | 1.00° | 9°  | <5°  | <5°  | <.2° | 67°   | 1446°  | 15° | 20° | 59°  |       |       |
|         |     |  | ° 404.00 405.00 Trace disseminated po.                 | °128128° | 414.00° | 415.00° | 1.00° | 6°  | 10°  | <5°  | <.2° | 63°   | 1687°  | 13° | 19° | 65°  |       |       |
|         |     |  | ° 405.00 406.00 Trace disseminated po.                 | °128129° | 415.00° | 416.00° | 1.00° | <5° | 7°   | <5°  | <.2° | 73°   | 1570°  | 13° | 20° | 63°  |       |       |
|         |     |  | ° 406.00 407.00 Trace disseminated po.                 | °128130° | 416.00° | 417.00° | 1.00° | <5° | <5°  | <5°  | <.2° | 62°   | 1650°  | 12° | 18° | 65°  |       |       |
|         |     |  | ° 407.00 408.00 Trace disseminated po.                 | °128131° | 417.00° | 418.00° | 1.00° | <5° | 8°   | <5°  | <.2° | 70°   | 1631°  | 11° | 18° | 66°  |       |       |
|         |     |  | ° 408.00 409.00 Trace disseminated po.                 | °128132° | 418.00° | 419.00° | 1.00° | 6°  | 5°   | <5°  | <.2° | 71°   | 1495°  | 14° | 18° | 67°  |       |       |
|         |     |  | ° 409.00 410.00 Trace disseminated po.                 | °128133° | 419.00° | 420.00° | 1.00° | <5° | 10°  | <5°  | <.2° | 70°   | 1543°  | 13° | 19° | 68°  |       |       |
|         |     |  | ° 410.00 411.00 0.5% disseminated po.                  | °128134° | 420.00° | 421.00° | 1.00° | <5° | <5°  | <5°  | <.2° | 68°   | 1562°  | 12° | 18° | 70°  |       |       |
|         |     |  | ° 411.00 412.00 Trace disseminated po.                 | °128135° | 421.00° | 422.00° | 1.00° | 17° | 6°   | <5°  | <.2° | 76°   | 1428°  | 15° | 20° | 66°  |       |       |
|         |     |  | ° 412.00 Standard ni 115.                              | °128136° | 422.00° | 423.00° | 1.00° | 11° | 6°   | <5°  | <.2° | 76°   | 1504°  | 16° | 19° | 66°  |       |       |
|         |     |  | ° 412.00 413.00 Trace disseminated po.                 | °128137° | 423.00° | 424.00° | 1.00° | 13° | <5°  | <5°  | <.2° | 64°   | 1300°  | 14° | 20° | 62°  |       |       |
|         |     |  | ° 413.00 414.00 Trace disseminated po.                 | °128138° | 424.00° | 425.00° | 1.00° | <5° | <5°  | <5°  | <.2° | 72°   | 1502°  | 14° | 18° | 70°  |       |       |
|         |     |  | ° 414.00 415.00 Trace disseminated po.                 | °128139° | 425.00° | 426.00° | 1.00° | 34° | 11°  | <5°  | <.2° | 76°   | 1546°  | 16° | 20° | 71°  |       |       |
|         |     |  | ° 415.00 416.00 Trace disseminated po.                 | °128140° | 426.00° | 427.00° | 1.00° | 26° | 6°   | <5°  | <.2° | 71°   | 1544°  | 14° | 19° | 73°  |       |       |
|         |     |  | ° 416.00 417.00 Trace disseminated po.                 | °128141° | 427.00° | 428.00° | 1.00° | 59° | 10°  | <5°  | <.2° | 73°   | 1410°  | 15° | 20° | 66°  |       |       |
|         |     |  | ° 417.00 418.00 Trace disseminated po.                 | °128142° | 428.00° | 429.00° | 1.00° | 12° | <5°  | <5°  | <.2° | 70°   | 1203°  | 14° | 19° | 61°  |       |       |
|         |     |  | ° 418.00 419.00 Trace disseminated po.                 | °128143° | 429.00° | 430.00° | 1.00° | <5° | 6°   | <5°  | <.2° | 66°   | 1322°  | 13° | 18° | 63°  |       |       |
|         |     |  | ° 419.00 420.00 Trace disseminated po.                 | °128144° | 430.00° | 431.00° | 1.00° | <5° | <5°  | <5°  | <.2° | 66°   | 1415°  | 17° | 17° | 67°  |       |       |
|         |     |  | ° 420.00 421.00 Trace disseminated po.                 | °128145° | 431.00° | 432.00° | 1.00° | <5° | <5°  | <5°  | <.2° | 61°   | 1530°  | 22° | 17° | 70°  |       |       |
|         |     |  | ° 421.00 422.00 Trace disseminated po.                 | °128146° | 432.00° | 433.00° | 1.00° | 6°  | <5°  | <5°  | <.2° | 76°   | 1262°  | 18° | 20° | 59°  |       |       |
|         |     |  | ° 422.00 423.00 Trace disseminated po.                 | °128147° | 433.00° | 434.00° | 1.00° | <5° | <5°  | <5°  | <.2° | 75°   | 1425°  | 17° | 17° | 64°  |       |       |
|         |     |  | ° 423.00 424.00 Trace disseminated po.                 | °128148° | 434.00° | 435.00° | 1.00° | 6°  | <5°  | <5°  | <.2° | 72°   | 1559°  | 15° | 17° | 71°  |       |       |
|         |     |  | ° 424.00 425.00 Trace disseminated po.                 | °128149° | 435.00° | 436.00° | 1.00° | <5° | 8°   | <5°  | <.2° | 66°   | 1483°  | 18° | 19° | 68°  |       |       |
|         |     |  | ° 425.00 426.00 Trace disseminated po.                 | °128150° | 436.00° | 436.00° | .00°  | <5° | 46°  | 39°  | <.2° | 108°  | 94°    | 23° | 13° | 16°  |       |       |
|         |     |  | ° 426.00 427.00 Trace disseminated po.                 | °128151° | 436.00° | 437.00° | 1.00° | <5° | 10°  | <5°  | <.2° | 70°   | 1340°  | 16° | 17° | 61°  |       |       |
|         |     |  | ° 427.00 428.00 Trace disseminated po.                 | °128152° | 437.00° | 438.00° | 1.00° | <5° | 8°   | <5°  | <.2° | 80°   | 1580°  | 13° | 14° | 69°  |       |       |
|         |     |  | ° 428.00 429.00 Trace disseminated po.                 | °128153° | 438.00° | 439.00° | 1.00° | <5° | <5°  | <5°  | <.2° | 70°   | 1521°  | 14° | 15° | 70°  |       |       |
|         |     |  | ° 429.00 430.00 Trace disseminated po.                 | °128154° | 439.00° | 440.00° | 1.00° | <5° | 6°   | <5°  | <.2° | 63°   | 1571°  | 17° | 18° | 72°  |       |       |

| From (m) | To (m) | Geology                                              | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |
|----------|--------|------------------------------------------------------|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|
|          |        | 430.00 431.00 Trace disseminated po.                 | 128155 | 440.00   | 441.00 | 1.00  | 11       | 8        | <5       | <.2      | 67       | 1646     | 19       | 17       | 69       |        |        |
|          |        | 431.00 432.00 Trace disseminated po.                 | 128156 | 441.00   | 442.00 | 1.00  | <5       | 5        | <5       | <.2      | 70       | 1500     | 20       | 19       | 66       |        |        |
|          |        | 432.00 433.00 Trace disseminated po.                 | 128157 | 442.00   | 443.00 | 1.00  | <5       | 10       | <5       | <.2      | 69       | 1472     | 21       | 20       | 65       |        |        |
|          |        | 433.00 434.00 Trace disseminated po.                 | 128158 | 443.00   | 444.00 | 1.00  | 58       | 11       | <5       | <.2      | 65       | 1439     | 16       | 19       | 64       |        |        |
|          |        | 434.00 435.00 Trace disseminated po.                 | 128159 | 444.00   | 445.00 | 1.00  | <5       | <5       | <5       | <.2      | 73       | 1608     | 20       | 19       | 70       |        |        |
|          |        | 435.00 436.00 Trace disseminated po.                 | 128160 | 445.00   | 446.00 | 1.00  | <5       | 8        | <5       | <.2      | 81       | 1645     | 20       | 18       | 70       |        |        |
|          |        | 436.00 Blank.                                        | 128161 | 446.00   | 447.00 | 1.00  | <5       | <5       | <5       | <.2      | 69       | 1561     | 20       | 18       | 67       |        |        |
|          |        | 436.00 437.00 Trace disseminated po.                 | 128162 | 447.00   | 448.00 | 1.00  | <5       | <5       | <5       | <.2      | 68       | 1516     | 19       | 17       | 68       |        |        |
|          |        | 437.00 438.00 Trace disseminated po.                 | 128163 | 448.00   | 449.00 | 1.00  | <5       | <5       | <5       | <.2      | 63       | 1394     | 20       | 17       | 59       |        |        |
|          |        | 438.00 439.00 Trace disseminated po.                 | 128164 | 449.00   | 450.00 | 1.00  | <5       | <5       | <5       | <.2      | 64       | 1352     | 19       | 15       | 60       |        |        |
|          |        | 439.00 440.00 Trace disseminated po.                 | 128165 | 450.00   | 451.00 | 1.00  | <5       | <5       | <5       | <.2      | 74       | 1109     | 26       | 20       | 56       |        |        |
|          |        | 440.00 441.00 Trace disseminated po.                 | 128166 | 451.00   | 452.00 | 1.00  | 14       | <5       | <5       | <.2      | 72       | 1276     | 22       | 18       | 61       |        |        |
|          |        | 441.00 442.00 Trace disseminated po.                 | 128167 | 452.00   | 453.00 | 1.00  | <5       | 9        | <5       | <.2      | 71       | 236      | 27       | 20       | 33       |        |        |
|          |        | 442.00 443.00 Trace disseminated po.                 |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 443.00 444.00 Trace disseminated po.                 |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 444.00 445.00 Trace disseminated po.                 |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 445.00 446.00 Trace disseminated po.                 |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 446.00 447.00 Trace disseminated po.                 |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 447.00 448.00 Trace disseminated po.                 |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 448.00 449.00 Trace disseminated po.                 |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 449.00 450.00 Trace disseminated po.                 |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 450.00 451.00 Trace disseminated po.                 |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 451.00 452.00 Trace disseminated po.                 |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 452.00 453.00 Trace disseminated po.                 |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        |                                                      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 467.30   | 476.50 | KOMATIITIC SPINIFEX PERIDOTITE                       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Upper/lower contact gradational.                     |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Spinifex to intervals generally 0.5-1m length,       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | spinifex distinct green olivine blades 0.5cm random. |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Progressing to random blades up to 3cm length and    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 0.3cm wide.                                          |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Non magnetic, trace pyrite, RQD 70%.                 |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Blank.                                               |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        |                                                      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 476.50   | 484.00 | KOMATIITIC PERIDOTITE MESOCUMULATE                   |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Upper contact gradational.                           |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Dark grey, fine grained, massive. Non-magnetic,      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 0-tr pyrite, RQD 70%.                                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Blank.                                               |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        |                                                      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 484.00   | 495.00 | KOMATIITIC SPINIFEX PERIDOTITE                       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Upper contact gradational.                           |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 484.00 494.00 Spinifex to coarse grained blades      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | olivine, 0.3cm x 2cm random orient                   |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | asterisk-like.                                       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 494.00 495.00 Spinifex to olivine bladed up to 8cm   |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | sub-parallel to core axis.                           |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Blank.                                               |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        |                                                      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 495.00   | 518.40 | KOMATIITIC PERIDOTITE MESOCUMULATE                   |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Upper contact gradational.                           |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        |                                                      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |





| From (m) | To (m) | Geology                                                                                                                                       | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |
|----------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|
|          |        | py/graphite.                                                                                                                                  |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 569.60   | 579.70 | MAFIC INTRUSIVE<br>Upper/lower contact sharp 40.<br>Medium grey, coarse grained, msv, homog. Non-mag,<br>trace pyrite disseminated, RQD 100%. |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 579.70   | 600.00 | KOMATIITIC PERIDOTITE MESOCUMULATE<br>Upper contact gradational.<br>Same as from 495.0-518.4m. RQD 95%.                                       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 600.00   | 601.00 | KOMATIITIC SPINIFEX PERIDOTITE<br>Upper contact gradational.<br>Spinifex to distinct, lcm random, asterisk. -like.<br>RQD 95%.<br>Blank.      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 601.00   | 602.00 | KOMATIITIC PERIDOTITE MESOCUMULATE<br>Upper contact gradational.<br>Same as from 495.0-518.4m. RQD 95%.                                       |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 602.00   |        | END OF HOLE                                                                                                                                   |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |

Northing: 5349300.00 DRILL HOLE RECORD Drill Hole: GCL08-46
Easting: 497563.00
Elevation: 295.09 \*\*\* Dip Tests \*\*\*
Depth Azi. Dip
Collar Azi.: 319.2
Collar Dip: -52.7
Hole length: 599.00
Units: Metric
Core size: NQ
Grid: Metric 2007
Materials left: Casing
Collar survey: Talbot GPS
DH Survey method: Reflex
Comments: N/A
Logged by: G. Sparling
Date(s) logged: February 5-9,2008.
Purpose: N/A
Core storage: Hastings Facility Timmins

Table with columns: From (m), To (m), Geology, Sample, From (m), To (m), L (m), Au (ppb), Pt (ppb), Pd (ppb), Ag (ppm), Cu (ppm), Ni (ppm), Zn (ppm), Pb (ppm), Co (ppm), Cu (%) Ni (%)









| From (m) | To (m) | Geology                                                                                           | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |  |
|----------|--------|---------------------------------------------------------------------------------------------------|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|--|
|          |        | Pervasively carbonate altered.                                                                    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 2% Low angle irregular greyish-green serpentine stringers.                                        |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | No visible sulphides.                                                                             |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Lower contact at 50 tca.                                                                          |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 334.10   | 335.30 | INTERMEDIATE DYKE                                                                                 |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Same as 321.8-330.5m.                                                                             |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Lower contact at 35 tca.                                                                          |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 335.30   | 340.40 | KOMATIITIC PERIDOTITE MESOCUMULATE                                                                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Dark grey-green, fine grained, massive, homogeneous, moderately hard, non magnetic.               |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Pervasively carbonate altered.                                                                    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 2% 40-50 Degrees to core axis greyish-green serpentine stringers.                                 |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | No visible sulphides.                                                                             |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Lower contact at 30 tca.                                                                          |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 340.40   | 345.70 | INTERMEDIATE DYKE                                                                                 |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Same as 321.8-330.5m.                                                                             |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | A few scattered hairlike calcite stringers with up to 0.5% locally disseminated pyrite.           |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Lower contact at 35 tca.                                                                          |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 345.70   | 351.90 | KOMATIITIC PERIDOTITE MESOCUMULATE                                                                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Dark grey to green-black, massive, homogeneous, hard, non magnetic, altered.                      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Weakly carbonate (grey), serpentine (greenish) and patchy black graphite altered.                 |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Good RQD of 90% with 50-60 degrees to core axis serpentine +/- graphite filled fractures locally. |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 1-2% Dark green and greyish serpentine +/- graphite stringer at various high and low angles.      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 0.5% Pyrrhotite smears on fractures.                                                              |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Lower contact at 40 tca.                                                                          |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 351.90   | 355.20 | GRANODIORITE                                                                                      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Dark grey, medium grained, massive, homogeneous, hard, non magnetic.                              | 128058 | 354.20   | 355.20 | 1.00  | <5       | <5       | <5       | <.2      | 141      | 69       | 42       | 21       | 27       |        |        |  |
|          |        | Minor silica and potassic alterations.                                                            |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Excellent RQD of 95% with minor fractures filled with serpentine.                                 |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Trace-0.5% dull yellow coarse pyrite on fractures.                                                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Lower contact at 40 tca.                                                                          |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | 354.20 355.20 0.5%-1% pyrite.                                                                     |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 355.20   | 357.10 | GRAPHITIC ARGILLITE                                                                               |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Dark black, very fine grained, massive, moderately hard, non magnetic, conductive, locally vuggy. | 128059 | 355.20   | 356.20 | 1.00  | <5       | <5       | <5       | .9       | 1417     | 755      | 38       | 81       | 185      |        |        |  |
|          |        | Pervasive graphite alteration.                                                                    | 128060 | 356.20   | 357.10 | .90   | 8        | <5       | <5       | .8       | 960      | 703      | 478      | 118      | 256      |        |        |  |









| From (m) | To (m) | Geology                                                                                                                       | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |
|----------|--------|-------------------------------------------------------------------------------------------------------------------------------|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|
|          |        | Black, fine grained, massive, moderately hard, non magnetic, conductive.                                                      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Pervasive graphite alteration.                                                                                                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Good RQD of 85% with minor graphite filled fractures.                                                                         |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 0.5% Pyrite along fractures.                                                                                                  |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Lower contact at 65 tca.                                                                                                      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 582.80   | 599.00 | KOMATIITIC PERIDOTITE MESOCUMULATE                                                                                            |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Dark grey, massive, homogeneous, fine grained, altered, fractured, non magnetic.                                              |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Pervasive carbonatization.                                                                                                    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Good RQD of 80% with minor fracturing filled with serpentine-carbonate and rare graphite.                                     |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 2-3% Grey-white carbonate stringers at generally 60-70 degrees to core axis with a few scattered irregular stringers.         |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 593.00 599.00 5% graphite altered sections and small GRAPHITIC ARGILLITE sections, trace-0.5% pyrrhotite smears on fractures. |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 599.00   |        | END OF HOLE                                                                                                                   |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |

Date: 15 Dec, 2008

GOLDEN CHALICE RESOURCES INC

Page: 1 of 6

Northing: 5349390.00
Easting: 497350.00
Elevation: 294.70

DRILL HOLE RECORD

Drill Hole: GCL08-73

\*\*\* Dip Tests \*\*\*
Depth Azi. Dip

Project: Langmuir Zone
Property: Langmuir
Claim: 4203498
Northing: N/A
Easting: N/A
GPS Northing: 5349390
GPS Easting: 497350
Date Started: July 24, 2008
Date completed: July 30, 2008
Drilled by: Norex
Sample type: Cut Core
Analyses: PM 30g FA, BM AA
Lab: Expert
Sample series: 129319-350, 128601-679
Lab report: 23407

Collar Azi.: 360.0
Collar Dip: -50.0

26 .5 -48.9
77 1.0 -49.3
128 1.1 -49.6
200 3.3 -49.5

Hole length: 200.00
Units: Metric
Core size: NQ
Grid: Metric 2007

Materials left: Casing Pulled/Cemented
Collar survey: Chained & GPS
DH Survey method: Reflex

Comments: N/A
Logged by: S. Beauchamp
Date(s) logged: July 30, 2008
Purpose: N/A
Core storage: Hastings Facility Timmins

Table with columns: From (m), To (m), Geology, Sample, From (m), To (m), L (m), Au (ppb), Pt (ppb), Pd (ppb), Ag (ppm), Cu (ppm), Ni (ppm), Zn (ppm), Pb (ppm), Co (ppm), Cu (%) Ni (%)



| From (m) | To (m) | Geology                                                                                                                                      | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |
|----------|--------|----------------------------------------------------------------------------------------------------------------------------------------------|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|
|          |        | Contacts gradational.                                                                                                                        |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Matrix as KPDM above. Spinifex distinctive, dark green olivine random 1cm asterisk*-like progressing to 0.5cm chicken scratch downhole.      |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Non-magnetic, 0-trace very fine interstitial pyrrhotite, RQD 70.                                                                             |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 93.00 94.00 Sheared at 15 degrees, 2cm calcite parallel shearing.                                                                            |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 97.00    | 110.00 | KOMATIITIC PERIDOTITE MESOCUMULATE                                                                                                           |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Contacts gradational.                                                                                                                        | 129348 | 105.00   | 106.00 | 1.00  | 7        | <5       | <5       | <.2      | 75       | 286      | 27       | 9        | 47       |        |        |
|          |        | Medium green, fine grained, massive, strongly serpentinized, massive to weakly fractured, 5% calcite-healed.                                 | 129349 | 106.00   | 107.00 | 1.00  | <5       | <5       | <.2      | 146      | 525      | 29       | 12       | 65       |          |        |        |
|          |        | Non-magnetic, 0-trace very fine interstitial pyrrhotite to 106.0m, <1% gouge on fractures, RQD 70.                                           | 129350 | 107.00   | 107.00 | .00   | <5       | <5       | <.2      | 104      | 46       | 42       | 35       | 23       |          |        |        |
|          |        | 106.00 107.00 Pyrrhotite as trace-0.5% very fine specks disseminated and as minute interstitial specks.                                      | 128601 | 107.00   | 108.00 | 1.00  | <5       | 9        | 6        | <.2      | 603      | 343      | 33       | 13       | 67       |        |        |
|          |        | 107.00 108.00 Trace interstitial bronze pyrrhotite disseminated, trace fine blebs golden yellow chalcopyrite up to 2mm.                      | 128602 | 108.00   | 108.30 | .30   | <5       | 15       | 10       | .3       | 658      | 290      | 35       | 13       | 67       |        |        |
|          |        | 108.00 108.30 <0.5% blebs golden yellow chalcopyrite associated with <0.3% translucent red sphalerite, trace bronze pyrrhotite.              | 128603 | 108.30   | 109.00 | .70   | <5       | 8        | 6        | <.2      | 321      | 459      | 34       | 13       | 75       |        |        |
|          |        | 108.30 110.00 0.5-2% non-magnetic, bronze pyrrhotite as hairline fracture fillings and as blebs up to 2mm disseminated and concentrated.     | 128604 | 109.00   | 110.00 | 1.00  | <5       | <5       | <.2      | 98       | 475      | 23       | 8        | 57       |          |        |        |
|          |        | With pentlandite along fractures.                                                                                                            |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | 107.00 Blank.                                                                                                                                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
| 110.00   | 113.00 | KOMATIITIC SPINIFEX PERIDOTITE                                                                                                               |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Contacts gradational.                                                                                                                        | 128605 | 110.00   | 111.00 | 1.00  | <5       | <5       | <.2      | 130      | 760      | 27       | 13       | 72       |          |        |        |
|          |        | Matrix medium green, fine grained, strongly serpentinized. Spinifex texture distinctive, olivine dark green, random 0.5-1cm chicken scratch. | 128606 | 111.00   | 112.00 | 1.00  | <5       | <5       | <.2      | 86       | 768      | 28       | 12       | 67       |          |        |        |
|          |        | Non to slightly magnetic, 0-trace minute interstitial pyrrhotite, rubble, 1% gouge, RQD 50.                                                  | 128607 | 112.00   | 113.00 | 1.00  | <5       | <5       | <.2      | 105      | 1021     | 30       | 13       | 80       |          |        |        |
| 113.00   | 124.00 | KOMATIITIC PERIDOTITE MESOCUMULATE                                                                                                           |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Contacts gradational.                                                                                                                        | 128608 | 113.00   | 114.00 | 1.00  | <5       | <5       | <.2      | 153      | 1298     | 34       | 14       | 89       |          |        |        |
|          |        | Medium greenish grey to medium green, fine grained, massive, homogenous, strongly serpentinized and talcose. 2% white and aqua.              | 128609 | 114.00   | 115.00 | 1.00  | <5       | <5       | <.2      | 306      | 1311     | 34       | 14       | 89       |          |        |        |
|          |        | Calcite / talc / serpentine stringers <2cm, 30-80 degrees.                                                                                   | 128610 | 115.00   | 116.00 | 1.00  | <5       | <5       | <.2      | 160      | 1142     | 31       | 13       | 92       |          |        |        |
|          |        | Non-slightly magnetic, trace-1% blebs bronze pyrrhotite / pentlandite along fractures and minute                                             | 128611 | 116.00   | 117.00 | 1.00  | <5       | <5       | <.2      | 105      | 1205     | 32       | 16       | 70       |          |        |        |
|          |        |                                                                                                                                              | 128612 | 117.00   | 118.00 | 1.00  | <5       | <5       | <.2      | 94       | 1474     | 25       | 11       | 69       |          |        |        |
|          |        |                                                                                                                                              | 128613 | 118.00   | 119.00 | 1.00  | <5       | <5       | <.2      | 79       | 1895     | 27       | 11       | 70       |          |        |        |
|          |        |                                                                                                                                              | 128614 | 119.00   | 120.00 | 1.00  | <5       | <5       | <.2      | 81       | 2157     | 22       | 11       | 75       |          |        |        |
|          |        |                                                                                                                                              | 128615 | 120.00   | 121.00 | 1.00  | <5       | <5       | <.2      | 89       | 1924     | 22       | 13       | 68       |          |        |        |

| From (m) | To (m) | Geology                                             | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |
|----------|--------|-----------------------------------------------------|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|
|          |        | interstitial pyrrhotite disseminated, RQD 80.       | 128616 | 121.00   | 122.00 | 1.00  | <5       | <5       | <5       | <.2      | 76       | 2124     | 18       | 10       | 77       |        |        |
|          |        |                                                     | 128617 | 122.00   | 123.00 | 1.00  | <5       | <5       | <5       | <.2      | 87       | 2241     | 17       | 14       | 72       |        |        |
|          |        |                                                     | 128618 | 123.00   | 124.00 | 1.00  | <5       | <5       | <5       | <.2      | 79       | 2224     | 18       | 10       | 85       |        |        |
| 124.00   | 166.00 | KOMATIITIC PERIDOTITE ADCUMULATE                    |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |
|          |        | Contacts gradational.                               | 128619 | 124.00   | 125.00 | 1.00  | <5       | <5       | <5       | <.2      | 76       | 2354     | 24       | 13       | 87       |        |        |
|          |        | Dark to medium emerald, aphanitic to very fine      | 128620 | 125.00   | 126.00 | 1.00  | <5       | <5       | <5       | <.2      | 87       | 2593     | 26       | 11       | 78       |        |        |
|          |        | grained, massive, strongly serpentized, weakly      | 128621 | 126.00   | 127.00 | 1.00  | 77       | 15       | 22       | .2       | 122      | 2511     | 28       | 24       | 93       |        |        |
|          |        | talcosed. Rare white calcite stringer.              | 128622 | 127.00   | 128.00 | 1.00  | 16       | 10       | 23       | <.2      | 167      | 2401     | 23       | 20       | 78       |        |        |
|          |        | Non-slightly magnetic, trace-0.5% fine blebs bronze | 128623 | 128.00   | 129.00 | 1.00  | 9        | 45       | 35       | <.2      | 141      | 3271     | 25       | 14       | 94       |        |        |
|          |        | pyrrhotite and minute interstitial pyrrhotite       | 128624 | 129.00   | 129.30 | .30   | <5       | 9        | 14       | <.2      | 106      | 2570     | 23       | 13       | 76       |        |        |
|          |        | disseminated, RQD 80.                               | 128625 | 129.30   | 129.30 | .00   | 12       | 78       | 78       | .8       | 1816     | 20100    | 88       | 53       | 384      |        |        |
|          |        | 127.20 2cm calcite stringer 15 degrees.             | 128626 | 129.30   | 129.80 | .50   | 15       | 144      | 285      | <.2      | 118      | 10900    | 23       | 14       | 290      |        |        |
|          |        | 129.30 133.00 3-5% pyrrhotite / pentlandite as      | 128627 | 129.80   | 130.50 | .70   | 122      | 195      | 391      | .3       | 189      | 14500    | 21       | 15       | 401      |        |        |
|          |        | anhedral blebs bronze and brassy                    | 128628 | 130.50   | 131.00 | .50   | 14       | 136      | 320      | .4       | 173      | 11200    | 22       | 12       | 309      |        |        |
|          |        | <1.5cm diameter, and as minute                      | 128629 | 131.00   | 131.70 | .70   | <5       | 95       | 189      | <.2      | 162      | 6200     | 27       | 13       | 197      |        |        |
|          |        | interstitial disseminations.                        | 128630 | 131.70   | 132.10 | .40   | <5       | 80       | 159      | .3       | 298      | 9000     | 29       | 14       | 297      |        |        |
|          |        | 135.00 137.50 Rubble, RQD 10.                       | 128631 | 132.10   | 133.00 | .90   | <5       | 53       | 101      | <.2      | 232      | 6700     | 35       | 13       | 211      |        |        |
|          |        | 143.00 152.00 0-10% interval Amygdaloidal. 3%       | 128632 | 133.00   | 134.00 | 1.00  | <5       | 31       | 49       | <.2      | 198      | 3676     | 27       | 13       | 133      |        |        |
|          |        | calcite / serpentine 1-2cm, generally               | 128633 | 134.00   | 135.00 | 1.00  | 11       | 21       | 37       | <.2      | 143      | 3136     | 25       | 13       | 112      |        |        |
|          |        | 30 degrees.                                         | 128634 | 135.00   | 136.00 | 1.00  | 150      | 19       | 40       | <.2      | 206      | 3023     | 39       | 14       | 111      |        |        |
|          |        | Non-magnetic, weakly sheared at 30 degrees,         | 128635 | 136.00   | 137.00 | 1.00  | 8        | 39       | 59       | <.2      | 252      | 3469     | 27       | 14       | 124      |        |        |
|          |        | 0.5-2.0% fine blebs bronze and brassy pyrrhotite /  | 128636 | 137.00   | 138.00 | 1.00  | <5       | 61       | 111      | <.2      | 204      | 4800     | 30       | 13       | 139      |        |        |
|          |        | pentlandite, rare fine bleb golden yellow.          | 128637 | 138.00   | 139.00 | 1.00  | <5       | 52       | 121      | <.2      | 149      | 7500     | 31       | 15       | 187      |        |        |
|          |        | Chalcopyrite & rare fine red translucent anhedral   | 128638 | 139.00   | 140.00 | 1.00  | <5       | 23       | 59       | <.2      | 111      | 4460     | 30       | 14       | 123      |        |        |
|          |        | sphalerite associated with pyrrhotite, also minute  | 128639 | 140.00   | 141.00 | 1.00  | <5       | 41       | 101      | <.2      | 168      | 6800     | 31       | 15       | 157      |        |        |
|          |        | interstitial pyrrhotite disseminated, RQD 50.       | 128640 | 141.00   | 142.00 | 1.00  | <5       | 41       | 107      | <.2      | 155      | 6600     | 31       | 16       | 157      |        |        |
|          |        | 152.00 166.00 Non-magnetic, trace-0.5% fine blebs   | 128641 | 142.00   | 143.00 | 1.00  | <5       | 24       | 47       | <.2      | 162      | 2960     | 38       | 21       | 109      |        |        |
|          |        | bronze pyrrhotite and minute                        | 128642 | 143.00   | 144.00 | 1.00  | <5       | 10       | 6        | <.2      | 582      | 2193     | 37       | 18       | 70       |        |        |
|          |        | interstitial pyrrhotite disseminated.               | 128643 | 144.00   | 145.00 | 1.00  | <5       | 7        | 17       | <.2      | 657      | 4880     | 39       | 21       | 119      |        |        |
|          |        | 129.30 Nickel STANDARD 115.                         | 128644 | 145.00   | 146.00 | 1.00  | 6        | 97       | 141      | .2       | 1405     | 12000    | 40       | 20       | 265      |        |        |
|          |        | 150.00 151.00 50cm ground / missing.                | 128645 | 146.00   | 147.00 | 1.00  | 128      | 28       | 78       | .7       | 3881     | 5400     | 35       | 19       | 138      |        |        |
|          |        | 151.00 Blank.                                       | 128646 | 147.00   | 148.00 | 1.00  | 121      | 88       | 227      | <.2      | 897      | 11000    | 35       | 20       | 190      |        |        |
|          |        | 160.00 161.00 50cm ground / missing.                | 128647 | 148.00   | 149.00 | 1.00  | <5       | <5       | <5       | <.2      | 698      | 10100    | 37       | 19       | 175      |        |        |
|          |        |                                                     | 128648 | 149.00   | 150.00 | 1.00  | <5       | 19       | 29       | <.2      | 156      | 3347     | 33       | 16       | 92       |        |        |
|          |        |                                                     | 128649 | 150.00   | 151.00 | 1.00  | <5       | <5       | <5       | <.2      | 100      | 2080     | 26       | 13       | 94       |        |        |
|          |        |                                                     | 128650 | 151.00   | 151.00 | .00   | <5       | <5       | <5       | <.2      | 101      | 286      | 34       | 21       | 23       |        |        |
|          |        |                                                     | 128651 | 151.00   | 152.00 | 1.00  | <5       | <5       | <5       | <.2      | 101      | 1910     | 33       | 19       | 90       |        |        |
|          |        |                                                     | 128652 | 152.00   | 153.00 | 1.00  | <5       | <5       | <5       | <.2      | 100      | 2601     | 36       | 16       | 105      |        |        |
|          |        |                                                     | 128653 | 153.00   | 154.00 | 1.00  | <5       | <5       | <5       | <.2      | 93       | 1615     | 28       | 14       | 69       |        |        |
|          |        |                                                     | 128654 | 154.00   | 155.00 | 1.00  | <5       | <5       | <5       | <.2      | 114      | 2444     | 29       | 14       | 101      |        |        |
|          |        |                                                     | 128655 | 155.00   | 156.00 | 1.00  | 31       | 11       | 74       | <.2      | 141      | 3320     | 27       | 16       | 130      |        |        |
|          |        |                                                     | 128656 | 156.00   | 157.00 | 1.00  | 21       | 9        | 9        | <.2      | 175      | 1852     | 30       | 16       | 102      |        |        |
|          |        |                                                     | 128657 | 157.00   | 158.00 | 1.00  | <5       | <5       | <5       | <.2      | 139      | 2068     | 30       | 16       | 106      |        |        |
|          |        |                                                     | 128658 | 158.00   | 159.00 | 1.00  | <5       | <5       | <5       | <.2      | 90       | 1941     | 29       | 19       | 105      |        |        |
|          |        |                                                     | 128659 | 159.00   | 160.00 | 1.00  | <5       | <5       | <5       | <.2      | 97       | 1906     | 30       | 16       | 112      |        |        |
|          |        |                                                     | 128660 | 160.00   | 161.00 | 1.00  | <5       | <5       | <5       | <.2      | 89       | 1656     | 27       | 13       | 103      |        |        |
|          |        |                                                     | 128661 | 161.00   | 162.00 | 1.00  | <5       | <5       | <5       | <.2      | 91       | 1741     | 28       | 14       | 101      |        |        |
|          |        |                                                     | 128662 | 162.00   | 163.00 | 1.00  | <5       | <5       | <5       | <.2      | 77       | 1522     | 24       | 13       | 84       |        |        |
|          |        |                                                     | 128663 | 163.00   | 164.00 | 1.00  | <5       | <5       | <5       | <.2      | 81       | 1754     | 26       | 13       | 96       |        |        |
|          |        |                                                     | 128664 | 164.00   | 165.00 | 1.00  | <5       | <5       | <5       | <.2      | 87       | 1640     | 27       | 14       | 91       |        |        |





| From (m) | To (m) | Geology                                                | Sample | From (m) | To (m) | L (m) | Au (ppb) | Pt (ppb) | Pd (ppb) | Ag (ppm) | Cu (ppm) | Ni (ppm) | Zn (ppm) | Pb (ppm) | Co (ppm) | Cu (%) | Ni (%) |  |
|----------|--------|--------------------------------------------------------|--------|----------|--------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|--|
|          |        | Slightly fractured, 5% black chlorite healed.          |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | Non-magnetic, trace very fine pyrite, brittle, RQD 60. |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 196.90   | 200.00 | KOMATIITIC PERIDOTITE MESOCUMULATE                     |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
|          |        | As above, no visible sulphides, RQD 90.                |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |
| 200.00   |        | END OF HOLE                                            |        |          |        |       |          |          |          |          |          |          |          |          |          |        |        |  |

**APPENDIX B      DRILL SECTION ROCK CODES**

## LANGMUIR PROJECT GEOLOGY LEGEND

|      |                                             |
|------|---------------------------------------------|
| OVBN | “OVERBURDEN”                                |
| EOH  | “END OF HOLE”                               |
|      |                                             |
| FV   | “FELSIC VOLCANIC (UNDIFFERENTIATED)”        |
| FT   | “FELSIC TUFF”                               |
| RH   | “RHYOLITE”                                  |
| RHT  | “RHYOLITE ASH TUFF”                         |
| RHLT | “RHYOLITE LAPILLI TUFF”                     |
| RHXT | “RHYOLITE CRYSTAL TUFF”                     |
| RHBX | “RHYOLITE PYROCLASTIC BRECCIA/BLOCK TUFF”   |
| RHB  | “RHYOLITE BRECCIA TECTONIC”                 |
| RHS  | “RHYOLITE SHEARED”                          |
| RHAM | “RHYOLITE AMYGDALOIDAL FLOW”                |
| RHP  | “RHYOLITE PILLOWED FLOW”                    |
| RHMF | “RHYOLITE MASSIVE FLOW”                     |
| RHV  | “RHYOLITE VARIOLITIC FLOW”                  |
|      |                                             |
| RHAG | “RHYOLITE AGGLOMERATE/BOMB TUFF”            |
| RD   | “RHYODACITE”                                |
| RDT  | “RHYODACITE ASH TUFF”                       |
| RDLT | “RHYODACITE LAPILLI TUFF”                   |
| RDXT | “RHYODACITE CRYSTAL TUFF”                   |
| RDAG | “RHYODACITE AGGLOMERATE/BOMB TUFF”          |
| RDBX | “RHYODACITE PYROCLASTIC BRECCIA/BLOCK TUFF” |
| RDB  | “RHYODACITE BRECCIA TECTONIC”               |
| RDS  | “RHYODACITE SHEARED”                        |
| RDAM | “RHYODACITE AMYGDALOIDAL”                   |
| RDP  | “RHYODACITE PILLOWED”                       |
| RDMF | “RHYODACITE MASSIVE FLOW”                   |
| RDV  | “RHYODACITE VARIOLITIC”                     |
|      |                                             |
| IV   | “INTERMEDIATE VOLCANIC (UNDIFFERENTIATED)”  |
| DA   | “DACITE”                                    |
| DAT  | “DACITE ASH TUFF”                           |
| DALT | “DACITE LAPILLI TUFF”                       |
| DAXT | “DACITE CRYSTAL TUFF”                       |
| DAAG | “DACITE AGGLOMERATE/BOMB TUFF”              |
| DABX | “DACITE PYROCLASTIC BRECCIA/BLOCK TUFF”     |
| DAB  | “DACITE BRECCIA TECTONIC”                   |
| DAS  | “DACITE SHEARED”                            |
| DAAM | “DACITE AMYGDALOIDAL”                       |
| DAP  | “DACITE PILLOWED”                           |
| DAMF | “DACITE MASSIVE FLOW”                       |
| DAV  | “DACITE VARIOLITIC”                         |
|      |                                             |
| AD   | “ANDESITE”                                  |
| ADT  | “ANDESITE ASH TUFF”                         |
| ADLT | “ANDESITE LAPILLI TUFF”                     |
| ADXT | “ANDESITE CRYSTAL TUFF”                     |
| ADAG | “ANDESITE AGGLOMERATE/BOMB TUFF”            |

|      |                                                     |
|------|-----------------------------------------------------|
| ADBX | “ANDESITE PYROCLASTIC BRECCIA /BLOCK TUFF”          |
| ADB  | “ANDESITE BRECCIA TECTONIC”                         |
| ADS  | “ANDESITE SHEARED”                                  |
| ADAM | “ANDESITE AMYGDALOIDAL”                             |
| ADP  | “ANDESITE PILLOWED”                                 |
| ADMF | “ANDESITE MASSIVE FLOW”                             |
| ADV  | “ANDESITE VARIOLITIC”                               |
| MV   | “MAFIC VOLCANIC (UNDIFFERENTIATED)”                 |
| BA   | “BASALT“                                            |
| BAM  | “BASALT MASSIVE“                                    |
| BABX | “BASALT PYROCLASTIC BRECCIA/BLOCK TUFF”             |
| BAB  | “BASALT BRECCIA TECTONIC”                           |
| BAS  | “BASALT SHEARED”                                    |
| BAAM | “BASALT AMYGDALOIDAL”                               |
| BAP  | “BASALT PILLOWED”                                   |
| BAMF | “BASALT MASSIVE FLOW”                               |
| BAV  | “BASALT VARIOLITIC”                                 |
| BAZ  | "SULPHIDIC BASALT"                                  |
| BAPH | "PORPHYRITIC BASALT"                                |
| BAPX | "PORPHYRITIC XENOLITHIC BASALT"                     |
| BAX  | "XENOLITHIC BASALT"                                 |
| BGX  | "XENOLITHIC BASALT/GABBRO"                          |
| UM   | “ULTRAMAFIC KOMATIITIC VOLCANIC (UNDIFFERENTIATED)” |
| KPD  | “KOMATIITIC PERIDOTITE”                             |
| KPDA | “KOMATIITIC PERIDOTITE ADCUMULATE”                  |
| KPDM | “KOMATIITIC PERIDOTITE MESOCUMULATE”                |
| KPDO | “KOMATIITIC PERIDOTITE ORTHOCUMULATE”               |
| KPDP | “KOMATIITIC PERIDOTITE GRAPHITIC PEPPERITE”         |
| KPDG | “KOMATIITIC PERIDOTITE GRAPHITIC”                   |
| KOSX | “KOMATIITIC SPINIFEX PERIDOTITE”                    |
| KPDB | “KOMATIITIC PERIDOTITE BRECCIA”                     |
| KPDS | “KOMATIITIC PERIDOTITE SHEARED”                     |
| KPDY | “KOMATIITIC PERIDOTITE AMYGDALOIDAL”                |
| KPX  | “KOMATIITIC PYROXENITE”                             |
| KPXA | “KOMATIITIC PYROXENITE ADCUMULATE”                  |
| KPXM | “KOMATIITIC PYROXENITE MESOCUMULATE”                |
| KPXO | “KOMATIITIC PYROXENITE ORTHOCUMULATE”               |
| KPXP | “KOMATIITIC PYROXENITE GRAPHITIC PEPPERITE”         |
| KPXG | “KOMATIITIC PYROXENITE GRAPHITIC”                   |
| KPSX | “KOMATIITIC SPINIFEX PYROXENITE”                    |
| KPXS | “KOMATIITIC PYROXENITE SHEARED”                     |
| KDU  | “KOMATIITIC DUNITE”                                 |
| KBA  | “KOMATIITIC BASALT”                                 |
| KBAG | “KOMATIITIC BASALT GRAPHITIC”                       |
| KPDZ | “SULPHIDIC KOMATIITIC PERIDOTITE”                   |
| KPXZ | “SULPHIDIC KOMATIITIC PYROXENITE”                   |

|      |                                       |
|------|---------------------------------------|
| S    | “SEDIMENT (UNDIFFERENTIATED)”         |
| SG   | “GREYWACKE”                           |
| SS   | “SILTSTONE”                           |
| SM   | “MUDSTONE”                            |
| SA   | “ARGILLITE”                           |
| SGA  | “GRAPHITIC ARGILLITE”                 |
| SGAB | “BRECCIATED GRAPHITIC ARGILLITE”      |
| SD   | “SANDSTONE”                           |
| SQ   | “QUARTZITE”                           |
| SAK  | “ARKOSE”                              |
| SC   | “CHERT”                               |
| SCB  | “CHERT BRECCIA”                       |
| SLM  | “LIMESTONE”                           |
| IF   | “IRON FORMATION”                      |
| SCG  | “CONGLOMERATE”                        |
| FI   | “FELSIC INTRUSIVE (UNDIFFERENTIATED)” |
| GR   | “GRANITE”                             |
| GD   | “GRANODIORITE”                        |
| TR   | “TRONDHJEMITE”                        |
| TN   | “TONALITE”                            |
| QM   | “QUARTZ MONZONITE”                    |
| M    | “MONZONITE”                           |
| QSY  | “QUARTZ SYENITE”                      |
| SY   | “SYENITE”                             |
| QP   | “QUARTZ PORPHYRY”                     |
| FP   | “FELDSPAR PORPHYRY”                   |
| QFP  | “QUARTZ FELDSPAR PORPHYRY”            |
| MI   | “MAFIC INTRUSIVE (UNDIFFERENTIATED)”  |
| MD   | “MAFIC DYKE”                          |
| ID   | “INTERMEDIATE DYKE”                   |
| MIDI | “MAFIC TO INTERMEDIATE INTRUSIVE”     |
| GB   | “GABBRO”                              |
| GBX  | “XENOLITHIC GABBRO”                   |
| GBZX | “SULPHIDIC XENOLITHIC GABBRO”         |
| GBL  | “LEUCO GABBRO”                        |
| GBLA | “ALTERED LEUCO-GABBRO”                |
| GBME | “MESOCRATIC GABBRO”                   |
| GBML | “MELANOCRATIC GABBRO”                 |
| GBA  | “ALBITIZED GABBRO”                    |
| GBF  | “FELDSPATHIC GABBRO”                  |
| GBZ  | “SULPHIDIC GABBRO”                    |
| GBP  | “PEGMATITIC GABBRO”                   |
| QGB  | “QUARTZ GABBRO”                       |
| DI   | “DIORITE”                             |
| QDI  | “QUARTZ DIORITE”                      |
| AN   | “ANORTHOSITE”                         |
| PD   | “PERIDOTITE”                          |
| PX   | “PYROXENITE”                          |
| LAMP | “LAMPROPHYRE”                         |

|      |                              |
|------|------------------------------|
| KB   | "KIMBERLITE"                 |
| DB   | "DIABASE"                    |
| FZ   | "FAULT ZONE"                 |
| GZ   | "GRAPHITE ZONE"              |
| MSZ  | "MASSIVE SULPHIDE ZONE"      |
| MSPY | "MASSIVE PYRITE ZONE"        |
| SMSZ | "SEMI-MASSIVE SULPHIDE ZONE" |
| NTSZ | "NET TEXTURED SULPHIDE ZONE" |
| QV   | "QUARTZ VEIN"                |
| QCV  | "QUARTZ CARBONATE VEIN"      |
| CAV  | "CALCITE VEIN"               |

**APPENDIX C      ASSAY CERTIFICATES**

**\*\*\* Certificate of analysis \*\*\***

**Laboratoire Expert Inc.**

127, Boulevard Industriel  
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 Telephone : (819) 762-7100, Fax : (819) 762-7510

Date : 2008/09/26

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|                                          |                                      |
|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23407</b>                |
|                                          | Your order number : <b>GCL-08-73</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>111</b> |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 129319             | <5                      | <5                          | 44                      | 40                          | 33                      | 34                          | <0.2                      | <0.2                          |
| 129320             | <5                      |                             | 11                      |                             | 16                      |                             | <0.2                      |                               |
| 129321             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 129322             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 129323             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 129324             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 129325             | <5                      |                             | <5                      |                             | <5                      |                             | 1.4                       |                               |
| 129326             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 129327             | 8                       |                             | <5                      |                             | 6                       |                             | <0.2                      |                               |
| 129328             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 129329             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 129330             | <5                      |                             | 6                       |                             | 15                      |                             | <0.2                      |                               |
| 129331             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 129332             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 129333             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 129334             | <5                      |                             | 14                      |                             | 30                      |                             | <0.2                      |                               |
| 129335             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 129336             | <5                      |                             | <5                      |                             | <5                      |                             | 0.8                       |                               |
| 129337             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 129338             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |



Joe Landers, Manager



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|                                          |                                      |
|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23407</b>                |
|                                          | Your order number : <b>GCL-08-73</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>111</b> |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 129339             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 129340             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 129341             | <5                      |                             | <5                      |                             | <5                      |                             | 0.8                       |                               |
| 129342             | 18                      |                             | <5                      |                             | <5                      |                             | 1.0                       |                               |
| 129343             | 34                      | 39                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 129344             | 13                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 129345             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 129346             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 129347             | 22                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 129348             | 7                       |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 129349             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 129350             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128601             | <5                      |                             | 9                       |                             | 6                       |                             | <0.2                      |                               |
| 128602             | <5                      |                             | 15                      |                             | 10                      |                             | 0.3                       |                               |
| 128603             | <5                      |                             | 8                       |                             | 6                       |                             | <0.2                      |                               |
| 128604             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128605             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 128606             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128607             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128608             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |

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|                                          |                                      |
|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23407</b>                |
|                                          | Your order number : <b>GCL-08-73</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>111</b> |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 128609             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128610             | <5                      |                             | <5                      |                             | <5                      |                             | 0.5                       |                               |
| 128611             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128612             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128613             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128614             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128615             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128616             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128617             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 128618             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128619             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128620             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128621             | 77                      |                             | 15                      |                             | 22                      |                             | 0.2                       |                               |
| 128622             | 16                      |                             | 10                      |                             | 23                      |                             | <0.2                      |                               |
| 128623             | 9                       |                             | 45                      |                             | 35                      |                             | <0.2                      |                               |
| 128624             | <5                      |                             | 9                       |                             | 14                      |                             | <0.2                      |                               |
| 128625             | 12                      |                             | 78                      |                             | 78                      |                             | 0.8                       |                               |
| 128626             | 15                      |                             | 144                     |                             | 285                     |                             | <0.2                      |                               |
| 128627             | 122                     |                             | 195                     |                             | 391                     |                             | 0.3                       |                               |
| 128628             | 14                      |                             | 136                     |                             | 320                     |                             | 0.4                       |                               |

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|                                          |                                      |
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|                                          | Your order number : <b>GCL-08-73</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>111</b> |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 128629             | <5                      | <5                          | 95                      | 94                          | 183                     | 195                         | <0.2                      | <0.2                          |
| 128630             | <5                      |                             | 80                      |                             | 159                     |                             | 0.3                       |                               |
| 128631             | <5                      |                             | 53                      |                             | 101                     |                             | <0.2                      |                               |
| 128632             | <5                      |                             | 31                      |                             | 49                      |                             | <0.2                      |                               |
| 128633             | 11                      |                             | 21                      |                             | 37                      |                             | <0.2                      |                               |
| 128634             | 150                     |                             | 19                      |                             | 40                      |                             | <0.2                      |                               |
| 128635             | 8                       |                             | 39                      |                             | 59                      |                             | <0.2                      |                               |
| 128636             | <5                      |                             | 61                      |                             | 111                     |                             | <0.2                      |                               |
| 128637             | <5                      |                             | 52                      |                             | 121                     |                             | <0.2                      |                               |
| 128638             | <5                      |                             | 23                      |                             | 59                      |                             | <0.2                      |                               |
| 128639             | <5                      |                             | 41                      |                             | 101                     |                             | <0.2                      |                               |
| 128640             | <5                      |                             | 41                      |                             | 107                     |                             | <0.2                      |                               |
| 128641             | <5                      | <5                          | 22                      | 26                          | 46                      | 48                          | <0.2                      | <0.2                          |
| 128642             | <5                      |                             | 10                      |                             | 6                       |                             | <0.2                      |                               |
| 128643             | <5                      |                             | 7                       |                             | 17                      |                             | <0.2                      |                               |
| 128644             | 6                       |                             | 97                      |                             | 141                     |                             | 0.2                       |                               |
| 128645             | 128                     |                             | 28                      |                             | 78                      |                             | 0.7                       |                               |
| 128646             | 121                     |                             | 88                      |                             | 227                     |                             | <0.2                      |                               |
| 128647             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128648             | <5                      |                             | 19                      |                             | 29                      |                             | <0.2                      |                               |

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|                                          |                                      |
|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23407</b>                |
|                                          | Your order number : <b>GCL-08-73</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>111</b> |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 128649             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128650             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128651             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128652             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128653             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 128654             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128655             | 31                      |                             | 11                      |                             | 74                      |                             | <0.2                      |                               |
| 128656             | 21                      |                             | 9                       |                             | 9                       |                             | <0.2                      |                               |
| 128657             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128658             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128659             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128660             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128661             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128662             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128663             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128664             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128665             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 128666             | <5                      |                             | 11                      |                             | 6                       |                             | <0.2                      |                               |
| 128667             | <5                      |                             | 10                      |                             | 6                       |                             | <0.2                      |                               |
| 128668             | <5                      |                             | 12                      |                             | 7                       |                             | <0.2                      |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23407</b>                |
|                                          | Your order number : <b>GCL-08-73</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>111</b> |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 128669             | <5                      |                             | 8                       |                             | 6                       |                             | <0.2                      |                               |
| 128670             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128671             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128672             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128673             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128674             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128675             | <5                      |                             | <5                      |                             | <5                      |                             | 1.4                       |                               |
| 128676             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128677             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 128678             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128679             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23407</b>                |
|                                          | Your order number : <b>GCL-08-73</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>111</b> |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 129319             | 171                     | 168                         | 2030                    | 1981                        | 54                      | 53                          | 51                      | 51                          |
| 129320             | 164                     |                             | 2206                    |                             | 30                      |                             | 12                      |                             |
| 129321             | 116                     |                             | 1362                    |                             | 39                      |                             | 11                      |                             |
| 129322             | 125                     |                             | 2213                    |                             | 38                      |                             | 16                      |                             |
| 129323             | 110                     |                             | 2251                    |                             | 69                      |                             | 20                      |                             |
| 129324             | 109                     |                             | 2039                    |                             | 61                      |                             | 18                      |                             |
| 129325             | 3918                    |                             | 2866                    |                             | 33                      |                             | 9                       |                             |
| 129326             | 108                     |                             | 1909                    |                             | 37                      |                             | 16                      |                             |
| 129327             | 97                      |                             | 2134                    |                             | 38                      |                             | 15                      |                             |
| 129328             | 96                      |                             | 2077                    |                             | 36                      |                             | 20                      |                             |
| 129329             | 174                     |                             | 1855                    |                             | 48                      |                             | 22                      |                             |
| 129330             | 136                     |                             | 1967                    |                             | 49                      |                             | 19                      |                             |
| 129331             | 136                     | 129                         | 1878                    | 1844                        | 45                      | 40                          | 21                      | 21                          |
| 129332             | 142                     |                             | 1931                    |                             | 41                      |                             | 24                      |                             |
| 129333             | 105                     |                             | 806                     |                             | 32                      |                             | 13                      |                             |
| 129334             | 106                     |                             | 1825                    |                             | 37                      |                             | 17                      |                             |
| 129335             | 101                     |                             | 1968                    |                             | 39                      |                             | 16                      |                             |
| 129336             | 115                     |                             | 1809                    |                             | 41                      |                             | 18                      |                             |
| 129337             | 116                     |                             | 1467                    |                             | 41                      |                             | 21                      |                             |
| 129338             | 161                     |                             | 1432                    |                             | 42                      |                             | 20                      |                             |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23407</b>                |
|                                          | Your order number : <b>GCL-08-73</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>111</b> |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 129339             | 112                     |                             | 1596                    |                             | 45                      |                             | 18                      |                             |
| 129340             | 96                      |                             | 1813                    |                             | 36                      |                             | 14                      |                             |
| 129341             | 102                     |                             | 1205                    |                             | 33                      |                             | 13                      |                             |
| 129342             | 80                      |                             | 1610                    |                             | 29                      |                             | 13                      |                             |
| 129343             | 85                      | 83                          | 926                     | 949                         | 31                      | 30                          | 10                      | 11                          |
| 129344             | 127                     |                             | 489                     |                             | 31                      |                             | 10                      |                             |
| 129345             | 99                      |                             | 381                     |                             | 53                      |                             | 16                      |                             |
| 129346             | 93                      |                             | 296                     |                             | 51                      |                             | 11                      |                             |
| 129347             | 82                      |                             | 349                     |                             | 61                      |                             | 14                      |                             |
| 129348             | 75                      |                             | 286                     |                             | 27                      |                             | 9                       |                             |
| 129349             | 146                     |                             | 525                     |                             | 29                      |                             | 12                      |                             |
| 129350             | 104                     |                             | 46                      |                             | 42                      |                             | 35                      |                             |
| 128601             | 603                     |                             | 343                     |                             | 33                      |                             | 13                      |                             |
| 128602             | 658                     |                             | 290                     |                             | 35                      |                             | 13                      |                             |
| 128603             | 321                     |                             | 459                     |                             | 34                      |                             | 13                      |                             |
| 128604             | 98                      |                             | 475                     |                             | 23                      |                             | 8                       |                             |
| 128605             | 126                     | 134                         | 744                     | 776                         | 27                      | 26                          | 13                      | 12                          |
| 128606             | 86                      |                             | 768                     |                             | 28                      |                             | 12                      |                             |
| 128607             | 105                     |                             | 1021                    |                             | 30                      |                             | 13                      |                             |
| 128608             | 153                     |                             | 1298                    |                             | 34                      |                             | 14                      |                             |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23407</b>                |
|                                          | Your order number : <b>GCL-08-73</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>111</b> |

| Designation | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|-------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 128609      | 306                     |                             | 1311                    |                             | 34                      |                             | 14                      |                             |
| 128610      | 160                     |                             | 1142                    |                             | 31                      |                             | 13                      |                             |
| 128611      | 105                     |                             | 1205                    |                             | 32                      |                             | 16                      |                             |
| 128612      | 94                      |                             | 1474                    |                             | 25                      |                             | 11                      |                             |
| 128613      | 79                      |                             | 1895                    |                             | 27                      |                             | 11                      |                             |
| 128614      | 81                      |                             | 2157                    |                             | 22                      |                             | 11                      |                             |
| 128615      | 89                      |                             | 1924                    |                             | 22                      |                             | 13                      |                             |
| 128616      | 76                      |                             | 2124                    |                             | 18                      |                             | 10                      |                             |
| 128617      | 88                      | 85                          | 2253                    | 2229                        | 18                      | 16                          | 13                      | 15                          |
| 128618      | 79                      |                             | 2224                    |                             | 18                      |                             | 10                      |                             |
| 128619      | 76                      |                             | 2354                    |                             | 24                      |                             | 13                      |                             |
| 128620      | 87                      |                             | 2593                    |                             | 26                      |                             | 11                      |                             |
| 128621      | 122                     |                             | 2511                    |                             | 28                      |                             | 24                      |                             |
| 128622      | 167                     |                             | 2401                    |                             | 23                      |                             | 20                      |                             |
| 128623      | 141                     |                             | 3271                    |                             | 25                      |                             | 14                      |                             |
| 128624      | 106                     |                             | 2570                    |                             | 23                      |                             | 13                      |                             |
| 128625      | 1816                    |                             | ----- >DL               |                             | 88                      |                             | 53                      |                             |
| 128626      | 118                     |                             | ----- >DL               |                             | 23                      |                             | 14                      |                             |
| 128627      | 189                     |                             | ----- >DL               |                             | 21                      |                             | 15                      |                             |
| 128628      | 173                     |                             | ----- >DL               |                             | 22                      |                             | 12                      |                             |

>DL Value greater than detection limit



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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23407</b>                |
|                                          | Your order number : <b>GCL-08-73</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>111</b> |

| Designation | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|-------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 128629      | 164                     | 160                         | 5980                    | 5990                        | 28                      | 26                          | 12                      | 13                          |
| 128630      | 298                     |                             | 9140                    |                             | 29                      |                             | 14                      |                             |
| 128631      | 232                     |                             | 6580                    |                             | 35                      |                             | 13                      |                             |
| 128632      | 198                     |                             | 3676                    |                             | 27                      |                             | 13                      |                             |
| 128633      | 143                     |                             | 3136                    |                             | 25                      |                             | 13                      |                             |
| 128634      | 206                     |                             | 3023                    |                             | 39                      |                             | 14                      |                             |
| 128635      | 252                     |                             | 3469                    |                             | 27                      |                             | 14                      |                             |
| 128636      | 204                     |                             | 4800                    |                             | 30                      |                             | 13                      |                             |
| 128637      | 149                     |                             | 7420                    |                             | 31                      |                             | 15                      |                             |
| 128638      | 111                     |                             | 4460                    |                             | 30                      |                             | 14                      |                             |
| 128639      | 168                     |                             | 6690                    |                             | 31                      |                             | 15                      |                             |
| 128640      | 155                     |                             | 6580                    |                             | 31                      |                             | 16                      |                             |
| 128641      | 161                     | 163                         | 3007                    | 2912                        | 37                      | 38                          | 21                      | 20                          |
| 128642      | 582                     |                             | 2193                    |                             | 37                      |                             | 18                      |                             |
| 128643      | 657                     |                             | 4880                    |                             | 39                      |                             | 21                      |                             |
| 128644      | 1405                    |                             | ----- >DL               |                             | 40                      |                             | 20                      |                             |
| 128645      | 3881                    |                             | 5220                    |                             | 35                      |                             | 19                      |                             |
| 128646      | 897                     |                             | ----- >DL               |                             | 35                      |                             | 20                      |                             |
| 128647      | 698                     |                             | ----- >DL               |                             | 37                      |                             | 19                      |                             |
| 128648      | 156                     |                             | 3347                    |                             | 33                      |                             | 16                      |                             |

>DL Value greater than detection limit

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| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23407</b>                |
|                                          | Your order number : <b>GCL-08-73</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>111</b> |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 128649             | 100                     |                             | 2080                    |                             | 26                      |                             | 13                      |                             |
| 128650             | 101                     |                             | 286                     |                             | 34                      |                             | 21                      |                             |
| 128651             | 101                     |                             | 1910                    |                             | 33                      |                             | 19                      |                             |
| 128652             | 100                     |                             | 2601                    |                             | 36                      |                             | 16                      |                             |
| 128653             | 93                      | 90                          | 1633                    | 1597                        | 29                      | 27                          | 14                      | 14                          |
| 128654             | 114                     |                             | 2444                    |                             | 29                      |                             | 14                      |                             |
| 128655             | 141                     |                             | 3320                    |                             | 27                      |                             | 16                      |                             |
| 128656             | 175                     |                             | 1852                    |                             | 30                      |                             | 16                      |                             |
| 128657             | 139                     |                             | 2068                    |                             | 30                      |                             | 16                      |                             |
| 128658             | 90                      |                             | 1941                    |                             | 29                      |                             | 19                      |                             |
| 128659             | 97                      |                             | 1906                    |                             | 30                      |                             | 16                      |                             |
| 128660             | 89                      |                             | 1656                    |                             | 27                      |                             | 13                      |                             |
| 128661             | 91                      |                             | 1741                    |                             | 28                      |                             | 14                      |                             |
| 128662             | 77                      |                             | 1522                    |                             | 24                      |                             | 13                      |                             |
| 128663             | 81                      |                             | 1754                    |                             | 26                      |                             | 13                      |                             |
| 128664             | 87                      |                             | 1640                    |                             | 27                      |                             | 14                      |                             |
| 128665             | 104                     | 100                         | 1367                    | 1397                        | 27                      | 28                          | 16                      | 17                          |
| 128666             | 326                     |                             | 1240                    |                             | 33                      |                             | 18                      |                             |
| 128667             | 263                     |                             | 1114                    |                             | 34                      |                             | 19                      |                             |
| 128668             | 441                     |                             | 1132                    |                             | 39                      |                             | 17                      |                             |

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| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23407</b>                |
|                                          | Your order number : <b>GCL-08-73</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>111</b> |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 128669             | 865                     |                             | 600                     |                             | 41                      |                             | 11                      |                             |
| 128670             | 681                     |                             | 415                     |                             | 29                      |                             | 14                      |                             |
| 128671             | 203                     |                             | 648                     |                             | 39                      |                             | 10                      |                             |
| 128672             | 132                     |                             | 428                     |                             | 35                      |                             | 8                       |                             |
| 128673             | 127                     |                             | 622                     |                             | 34                      |                             | 10                      |                             |
| 128674             | 146                     |                             | 996                     |                             | 30                      |                             | 15                      |                             |
| 128675             | 3902                    |                             | 2667                    |                             | 27                      |                             | 17                      |                             |
| 128676             | 120                     |                             | 1569                    |                             | 35                      |                             | 17                      |                             |
| 128677             | 83                      | 87                          | 1482                    | 1508                        | 31                      | 32                          | 13                      | 13                          |
| 128678             | 102                     |                             | 1344                    |                             | 28                      |                             | 15                      |                             |
| 128679             | 86                      |                             | 1119                    |                             | 23                      |                             | 11                      |                             |

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| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23407</b>                |
|                                          | Your order number : <b>GCL-08-73</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>111</b> |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 129319             | 123                     | 120                         |                           |                               |
| 129320             | 117                     |                             |                           |                               |
| 129321             | 71                      |                             |                           |                               |
| 129322             | 112                     |                             |                           |                               |
| 129323             | 110                     |                             |                           |                               |
| 129324             | 101                     |                             |                           |                               |
| 129325             | 88                      |                             |                           |                               |
| 129326             | 104                     |                             |                           |                               |
| 129327             | 110                     |                             |                           |                               |
| 129328             | 116                     |                             |                           |                               |
| 129329             | 109                     |                             |                           |                               |
| 129330             | 105                     |                             |                           |                               |
| 129331             | 124                     | 121                         |                           |                               |
| 129332             | 120                     |                             |                           |                               |
| 129333             | 65                      |                             |                           |                               |
| 129334             | 98                      |                             |                           |                               |
| 129335             | 93                      |                             |                           |                               |
| 129336             | 105                     |                             |                           |                               |
| 129337             | 94                      |                             |                           |                               |
| 129338             | 98                      |                             |                           |                               |

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| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23407</b>                |
|                                          | Your order number : <b>GCL-08-73</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>111</b> |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 129339             | 114                     |                             |                           |                               |
| 129340             | 94                      |                             |                           |                               |
| 129341             | 78                      |                             |                           |                               |
| 129342             | 83                      |                             |                           |                               |
| 129343             | 69                      | 65                          |                           |                               |
| 129344             | 55                      |                             |                           |                               |
| 129345             | 60                      |                             |                           |                               |
| 129346             | 53                      |                             |                           |                               |
| 129347             | 61                      |                             |                           |                               |
| 129348             | 47                      |                             |                           |                               |
| 129349             | 65                      |                             |                           |                               |
| 129350             | 23                      |                             |                           |                               |
| 128601             | 67                      |                             |                           |                               |
| 128602             | 67                      |                             |                           |                               |
| 128603             | 75                      |                             |                           |                               |
| 128604             | 57                      |                             |                           |                               |
| 128605             | 73                      | 71                          |                           |                               |
| 128606             | 67                      |                             |                           |                               |
| 128607             | 80                      |                             |                           |                               |
| 128608             | 89                      |                             |                           |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23407</b>                |
|                                          | Your order number : <b>GCL-08-73</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>111</b> |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 128609             | 89                      |                             |                           |                               |
| 128610             | 92                      |                             |                           |                               |
| 128611             | 70                      |                             |                           |                               |
| 128612             | 69                      |                             |                           |                               |
| 128613             | 70                      |                             |                           |                               |
| 128614             | 75                      |                             |                           |                               |
| 128615             | 68                      |                             |                           |                               |
| 128616             | 77                      |                             |                           |                               |
| 128617             | 72                      | 71                          |                           |                               |
| 128618             | 85                      |                             |                           |                               |
| 128619             | 87                      |                             |                           |                               |
| 128620             | 78                      |                             |                           |                               |
| 128621             | 93                      |                             |                           |                               |
| 128622             | 78                      |                             |                           |                               |
| 128623             | 94                      |                             |                           |                               |
| 128624             | 76                      |                             |                           |                               |
| 128625             | 384                     |                             | 2.010                     |                               |
| 128626             | 290                     |                             | 1.090                     |                               |
| 128627             | 401                     |                             | 1.450                     |                               |
| 128628             | 309                     |                             | 1.120                     |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23407</b>                |
|                                          | Your order number : <b>GCL-08-73</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>111</b> |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 128629             | 197                     | 197                         | 0.610                     | 0.620                         |
| 128630             | 297                     |                             | 0.900                     |                               |
| 128631             | 211                     |                             | 0.670                     |                               |
| 128632             | 133                     |                             |                           |                               |
| 128633             | 112                     |                             |                           |                               |
| 128634             | 111                     |                             |                           |                               |
| 128635             | 124                     |                             |                           |                               |
| 128636             | 139                     |                             |                           |                               |
| 128637             | 187                     |                             | 0.750                     |                               |
| 128638             | 123                     |                             |                           |                               |
| 128639             | 157                     |                             | 0.680                     |                               |
| 128640             | 157                     |                             | 0.660                     |                               |
| 128641             | 111                     | 106                         |                           |                               |
| 128642             | 70                      |                             |                           |                               |
| 128643             | 119                     |                             |                           |                               |
| 128644             | 265                     |                             | 1.200                     |                               |
| 128645             | 138                     |                             | 0.540                     |                               |
| 128646             | 190                     |                             | 1.100                     |                               |
| 128647             | 175                     |                             | 1.010                     |                               |
| 128648             | 92                      |                             |                           |                               |

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| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23407</b>                |
|                                          | Your order number : <b>GCL-08-73</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>111</b> |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 128649             | 94                      |                             |                           |                               |
| 128650             | 23                      |                             |                           |                               |
| 128651             | 90                      |                             |                           |                               |
| 128652             | 105                     |                             |                           |                               |
| 128653             | 68                      | 70                          |                           |                               |
| 128654             | 101                     |                             |                           |                               |
| 128655             | 130                     |                             |                           |                               |
| 128656             | 102                     |                             |                           |                               |
| 128657             | 106                     |                             |                           |                               |
| 128658             | 105                     |                             |                           |                               |
| 128659             | 112                     |                             |                           |                               |
| 128660             | 103                     |                             |                           |                               |
| 128661             | 101                     |                             |                           |                               |
| 128662             | 84                      |                             |                           |                               |
| 128663             | 96                      |                             |                           |                               |
| 128664             | 91                      |                             |                           |                               |
| 128665             | 88                      | 88                          |                           |                               |
| 128666             | 95                      |                             |                           |                               |
| 128667             | 91                      |                             |                           |                               |
| 128668             | 99                      |                             |                           |                               |



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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23407</b>                |
|                                          | Your order number : <b>GCL-08-73</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>111</b> |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 128669             | 80                      |                             |                           |                               |
| 128670             | 52                      |                             |                           |                               |
| 128671             | 67                      |                             |                           |                               |
| 128672             | 52                      |                             |                           |                               |
| 128673             | 63                      |                             |                           |                               |
| 128674             | 88                      |                             |                           |                               |
| 128675             | 90                      |                             |                           |                               |
| 128676             | 105                     |                             |                           |                               |
| 128677             | 87                      | 100                         |                           |                               |
| 128678             | 84                      |                             |                           |                               |
| 128679             | 67                      |                             |                           |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23377</b>                |
|                                          | Your order number : <b>GCL-08-71</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>41</b>  |

| Designation | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|-------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 129247      | <5                      | <5                          | 9                       | 9                           | 6                       | <5                          | <0.2                      | <0.2                          |
| 129248      | <5                      |                             | 7                       |                             | 7                       |                             | <0.2                      |                               |
| 129249      | <5                      |                             | 8                       |                             | 5                       |                             | <0.2                      |                               |
| 129250      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 129251      | <5                      |                             | 10                      |                             | 7                       |                             | <0.2                      |                               |
| 129252      | <5                      |                             | 9                       |                             | 6                       |                             | <0.2                      |                               |
| 129253      | <5                      |                             | 14                      |                             | 9                       |                             | 0.3                       |                               |
| 129254      | <5                      |                             | 11                      |                             | 7                       |                             | 0.3                       |                               |
| 129255      | <5                      |                             | 9                       |                             | 7                       |                             | 0.3                       |                               |
| 129256      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 129257      | <5                      |                             | <5                      |                             | <5                      |                             | 0.5                       |                               |
| 129258      | <5                      |                             | <5                      |                             | <5                      |                             | 0.3                       |                               |
| 129259      | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 129260      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 129261      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 129262      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 129263      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 129264      | <5                      |                             | 6                       |                             | <5                      |                             | <0.2                      |                               |
| 129265      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 129266      | <5                      |                             | 19                      |                             | 46                      |                             | <0.2                      |                               |



Joe Landers, Manager

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23377</b>                |
|                                          | Your order number : <b>GCL-08-71</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>41</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 129267             | <5                      |                             | 32                      |                             | 60                      |                             | <0.2                      |                               |
| 129268             | <5                      |                             | 40                      |                             | 20                      |                             | <0.2                      |                               |
| 129269             | <5                      |                             | 10                      |                             | 8                       |                             | <0.2                      |                               |
| 129270             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 129271             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 129272             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 129273             | <5                      |                             | 8                       |                             | <5                      |                             | <0.2                      |                               |
| 129274             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 129275             | 16                      |                             | <5                      |                             | 6                       |                             | 1.4                       |                               |
| 129276             | 11                      |                             | 8                       |                             | <5                      |                             | <0.2                      |                               |
| 129277             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 129278             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 129279             | <5                      |                             | 22                      |                             | 15                      |                             | <0.2                      |                               |
| 129280             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 129281             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 129282             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 129283             | 6                       | 5                           | 19                      | 16                          | 14                      | 13                          | <0.2                      | <0.2                          |
| 129284             | <5                      |                             | 32                      |                             | 25                      |                             | <0.2                      |                               |
| 129285             | 7                       |                             | 6                       |                             | <5                      |                             | <0.2                      |                               |
| 129286             | <5                      |                             | 16                      |                             | 11                      |                             | <0.2                      |                               |

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| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23377</b>                |
|                                          | Your order number : <b>GCL-08-71</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>41</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 129287             | <5                      |                             | 10                      |                             | 5                       |                             | <0.2                      |                               |

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| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23377</b>                |
|                                          | Your order number : <b>GCL-08-71</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>41</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 129247             | 118                     | 113                         | 1204                    | 1204                        | 46                      | 48                          | 21                      | 23                          |
| 129248             | 107                     |                             | 1257                    |                             | 44                      |                             | 19                      |                             |
| 129249             | 102                     |                             | 1223                    |                             | 47                      |                             | 18                      |                             |
| 129250             | 111                     |                             | 68                      |                             | 13                      |                             | 26                      |                             |
| 129251             | 69                      |                             | 957                     |                             | 50                      |                             | 17                      |                             |
| 129252             | 47                      |                             | 656                     |                             | 45                      |                             | 13                      |                             |
| 129253             | 29                      |                             | 615                     |                             | 50                      |                             | 18                      |                             |
| 129254             | 39                      |                             | 814                     |                             | 51                      |                             | 19                      |                             |
| 129255             | 37                      |                             | 806                     |                             | 27                      |                             | 15                      |                             |
| 129256             | 100                     |                             | 1327                    |                             | 26                      |                             | 18                      |                             |
| 129257             | 132                     |                             | 1579                    |                             | 34                      |                             | 28                      |                             |
| 129258             | 127                     |                             | 1094                    |                             | 32                      |                             | 21                      |                             |
| 129259             | 137                     | 139                         | 1281                    | 1301                        | 27                      | 23                          | 11                      | 13                          |
| 129260             | 82                      |                             | 674                     |                             | 20                      |                             | 10                      |                             |
| 129261             | 126                     |                             | 1470                    |                             | 25                      |                             | 13                      |                             |
| 129262             | 74                      |                             | 909                     |                             | 20                      |                             | 14                      |                             |
| 129263             | 68                      |                             | 530                     |                             | 31                      |                             | 20                      |                             |
| 129264             | 73                      |                             | 549                     |                             | 24                      |                             | 15                      |                             |
| 129265             | 90                      |                             | 611                     |                             | 37                      |                             | 21                      |                             |
| 129266             | 164                     |                             | 2031                    |                             | 52                      |                             | 15                      |                             |

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| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23377</b>                |
|                                          | Your order number : <b>GCL-08-71</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>41</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 129267             | 187                     |                             | 3156                    |                             | 46                      |                             | 17                      |                             |
| 129268             | 117                     |                             | 1145                    |                             | 42                      |                             | 17                      |                             |
| 129269             | 55                      |                             | 813                     |                             | 36                      |                             | 24                      |                             |
| 129270             | 54                      |                             | 1440                    |                             | 38                      |                             | 25                      |                             |
| 129271             | 56                      | 51                          | 1682                    | 1684                        | 43                      | 43                          | 25                      | 24                          |
| 129272             | 72                      |                             | 1786                    |                             | 46                      |                             | 27                      |                             |
| 129273             | 66                      |                             | 1861                    |                             | 47                      |                             | 29                      |                             |
| 129274             | 56                      |                             | 1941                    |                             | 47                      |                             | 27                      |                             |
| 129275             | 3886                    |                             | 2737                    |                             | 26                      |                             | 15                      |                             |
| 129276             | 54                      |                             | 1893                    |                             | 41                      |                             | 21                      |                             |
| 129277             | 35                      |                             | 1575                    |                             | 35                      |                             | 18                      |                             |
| 129278             | 47                      |                             | 1682                    |                             | 39                      |                             | 21                      |                             |
| 129279             | 49                      |                             | 1771                    |                             | 44                      |                             | 23                      |                             |
| 129280             | 35                      |                             | 1383                    |                             | 38                      |                             | 19                      |                             |
| 129281             | 29                      |                             | 1367                    |                             | 41                      |                             | 20                      |                             |
| 129282             | 35                      |                             | 1360                    |                             | 46                      |                             | 17                      |                             |
| 129283             | 87                      | 84                          | 733                     | 730                         | 41                      | 41                          | 16                      | 16                          |
| 129284             | 103                     |                             | 186                     |                             | 61                      |                             | 22                      |                             |
| 129285             | 98                      |                             | 186                     |                             | 63                      |                             | 22                      |                             |
| 129286             | 56                      |                             | 254                     |                             | 85                      |                             | 22                      |                             |

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|                                          |                                      |
|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23377</b>                |
|                                          | Your order number : <b>GCL-08-71</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>41</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 129287             | 65                      |                             | 1034                    |                             | 30                      |                             | 10                      |                             |

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|                                          |                                      |
|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23377</b>                |
|                                          | Your order number : <b>GCL-08-71</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>41</b>  |

| <u>Designation</u> | <u>Co<br/>AAT-7<br/>ppm<br/>2</u> | <u>Co-Dup<br/>AAT-7<br/>ppm<br/>2</u> |
|--------------------|-----------------------------------|---------------------------------------|
| 129247             | 74                                | 78                                    |
| 129248             | 84                                |                                       |
| 129249             | 75                                |                                       |
| 129250             | 11                                |                                       |
| 129251             | 72                                |                                       |
| 129252             | 51                                |                                       |
| 129253             | 55                                |                                       |
| 129254             | 57                                |                                       |
| 129255             | 47                                |                                       |
| 129256             | 66                                |                                       |
| 129257             | 68                                |                                       |
| 129258             | 52                                |                                       |
| 129259             | 61                                | 65                                    |
| 129260             | 38                                |                                       |
| 129261             | 70                                |                                       |
| 129262             | 47                                |                                       |
| 129263             | 32                                |                                       |
| 129264             | 36                                |                                       |
| 129265             | 39                                |                                       |
| 129266             | 79                                |                                       |



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|                                          |                                      |
|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23377</b>                |
|                                          | Your order number : <b>GCL-08-71</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>41</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|
| 129267             | 96                      |                             |
| 129268             | 42                      |                             |
| 129269             | 43                      |                             |
| 129270             | 76                      |                             |
| 129271             | 87                      | 78                          |
| 129272             | 86                      |                             |
| 129273             | 93                      |                             |
| 129274             | 92                      |                             |
| 129275             | 87                      |                             |
| 129276             | 87                      |                             |
| 129277             | 76                      |                             |
| 129278             | 85                      |                             |
| 129279             | 89                      |                             |
| 129280             | 73                      |                             |
| 129281             | 67                      |                             |
| 129282             | 68                      |                             |
| 129283             | 64                      | 62                          |
| 129284             | 49                      |                             |
| 129285             | 49                      |                             |
| 129286             | 64                      |                             |

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|                                          |                                      |
|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23377</b>                |
|                                          | Your order number : <b>GCL-08-71</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>41</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|
| 129287             | 55                      |                             |

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|                                          |                                      |
|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23361</b>                |
|                                          | Your order number : <b>GCL-08-72</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>31</b>  |

| Designation | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|-------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 129288      | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 129289      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 129290      | 7                       |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 129291      | 25                      |                             | 9                       |                             | 7                       |                             | <0.2                      |                               |
| 129292      | 6                       |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 129293      | 9                       |                             | 8                       |                             | <5                      |                             | <0.2                      |                               |
| 129294      | 65                      |                             | 6                       |                             | 6                       |                             | <0.2                      |                               |
| 129295      | 61                      |                             | 7                       |                             | 6                       |                             | <0.2                      |                               |
| 129296      | 7                       |                             | 12                      |                             | 15                      |                             | <0.2                      |                               |
| 129297      | <5                      |                             | 9                       |                             | 6                       |                             | <0.2                      |                               |
| 129298      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 129299      | <5                      |                             | 15                      |                             | 15                      |                             | <0.2                      |                               |
| 129300      | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 129301      | <5                      |                             | 8                       |                             | 7                       |                             | <0.2                      |                               |
| 129302      | <5                      |                             | 16                      |                             | 9                       |                             | <0.2                      |                               |
| 129303      | <5                      |                             | 13                      |                             | 7                       |                             | <0.2                      |                               |
| 129304      | <5                      |                             | 7                       |                             | 8                       |                             | <0.2                      |                               |
| 129305      | <5                      |                             | 14                      |                             | 15                      |                             | <0.2                      |                               |
| 129306      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 129307      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |

Joe Landers, Manager

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|                                          |                                      |
|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23361</b>                |
|                                          | Your order number : <b>GCL-08-72</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>31</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 129308             | <5                      |                             | 12                      |                             | 9                       |                             | <0.2                      |                               |
| 129309             | <5                      |                             | 8                       |                             | 8                       |                             | <0.2                      |                               |
| 129310             | <5                      |                             | 6                       |                             | <5                      |                             | <0.2                      |                               |
| 129311             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 129312             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 129313             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 129314             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 129315             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 129316             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 129317             | <5                      |                             | 6                       |                             | 8                       |                             | <0.2                      |                               |
| 129318             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23361</b>                |
|                                          | Your order number : <b>GCL-08-72</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>31</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 129288             | 66                      | 61                          | 1753                    | 1709                        | 44                      | 43                          | 35                      | 33                          |
| 129289             | 59                      |                             | 1783                    |                             | 39                      |                             | 40                      |                             |
| 129290             | 175                     |                             | 657                     |                             | 71                      |                             | 33                      |                             |
| 129291             | 82                      |                             | 2173                    |                             | 37                      |                             | 21                      |                             |
| 129292             | 121                     |                             | 1658                    |                             | 39                      |                             | 24                      |                             |
| 129293             | 82                      |                             | 1707                    |                             | 35                      |                             | 19                      |                             |
| 129294             | 50                      |                             | 1757                    |                             | 28                      |                             | 18                      |                             |
| 129295             | 53                      |                             | 1781                    |                             | 29                      |                             | 18                      |                             |
| 129296             | 74                      |                             | 1610                    |                             | 28                      |                             | 20                      |                             |
| 129297             | 55                      |                             | 1571                    |                             | 28                      |                             | 21                      |                             |
| 129298             | 92                      |                             | 1371                    |                             | 32                      |                             | 29                      |                             |
| 129299             | 93                      |                             | 1700                    |                             | 34                      |                             | 31                      |                             |
| 129300             | 109                     | 102                         | 40                      | 38                          | 9                       | 9                           | 37                      | 34                          |
| 129301             | 63                      |                             | 973                     |                             | 29                      |                             | 12                      |                             |
| 129302             | 88                      |                             | 1373                    |                             | 29                      |                             | 21                      |                             |
| 129303             | 67                      |                             | 1483                    |                             | 35                      |                             | 18                      |                             |
| 129304             | 85                      |                             | 1510                    |                             | 26                      |                             | 19                      |                             |
| 129305             | 60                      |                             | 1946                    |                             | 27                      |                             | 30                      |                             |
| 129306             | 83                      |                             | 1596                    |                             | 30                      |                             | 32                      |                             |
| 129307             | 83                      |                             | 1548                    |                             | 29                      |                             | 25                      |                             |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23361</b>                |
|                                          | Your order number : <b>GCL-08-72</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>31</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 129308             | 99                      |                             | 1543                    |                             | 31                      |                             | 21                      |                             |
| 129309             | 86                      |                             | 1914                    |                             | 42                      |                             | 16                      |                             |
| 129310             | 59                      |                             | 1502                    |                             | 35                      |                             | 18                      |                             |
| 129311             | 73                      |                             | 1577                    |                             | 31                      |                             | 22                      |                             |
| 129312             | 87                      | 87                          | 1070                    | 1048                        | 44                      | 43                          | 31                      | 32                          |
| 129313             | 48                      |                             | 1587                    |                             | 29                      |                             | 23                      |                             |
| 129314             | 52                      |                             | 1450                    |                             | 28                      |                             | 27                      |                             |
| 129315             | 166                     |                             | 650                     |                             | 26                      |                             | 11                      |                             |
| 129316             | 160                     |                             | 498                     |                             | 27                      |                             | 10                      |                             |
| 129317             | 27                      |                             | 325                     |                             | 40                      |                             | 12                      |                             |
| 129318             | 44                      |                             | 514                     |                             | 21                      |                             | 12                      |                             |

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|------------------------------------------|--------------------------------------------------------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                                                                            |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23361</b><br>Your order number : <b>GCL-08-72</b><br>Project : <b>LANGMUIR</b> |
|                                          | Total number of samples : <b>31</b>                                                        |

| <u>Designation</u> | <u>Co<br/>AAT-7<br/>ppm<br/>2</u> | <u>Co-Dup<br/>AAT-7<br/>ppm<br/>2</u> |
|--------------------|-----------------------------------|---------------------------------------|
| 129288             | 81                                | 81                                    |
| 129289             | 86                                |                                       |
| 129290             | 63                                |                                       |
| 129291             | 87                                |                                       |
| 129292             | 88                                |                                       |
| 129293             | 80                                |                                       |
| 129294             | 78                                |                                       |
| 129295             | 75                                |                                       |
| 129296             | 70                                |                                       |
| 129297             | 66                                |                                       |
| 129298             | 57                                |                                       |
| 129299             | 74                                |                                       |
| 129300             | 8                                 | 8                                     |
| 129301             | 43                                |                                       |
| 129302             | 65                                |                                       |
| 129303             | 75                                |                                       |
| 129304             | 67                                |                                       |
| 129305             | 93                                |                                       |
| 129306             | 81                                |                                       |
| 129307             | 67                                |                                       |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23361</b>                |
|                                          | Your order number : <b>GCL-08-72</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>31</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|
| 129308             | 78                      |                             |
| 129309             | 82                      |                             |
| 129310             | 68                      |                             |
| 129311             | 73                      |                             |
| 129312             | 63                      | 63                          |
| 129313             | 76                      |                             |
| 129314             | 78                      |                             |
| 129315             | 49                      |                             |
| 129316             | 41                      |                             |
| 129317             | 34                      |                             |
| 129318             | 38                      |                             |



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|------------------------------------------|-------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                     |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23347</b>               |
|                                          | Your order number : <b>068</b>      |
|                                          | Project : <b>LANGMUIR</b>           |
|                                          | Total number of samples : <b>50</b> |

| Designation | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|-------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 142144      | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | 0.2                       | <0.2                          |
| 142145      | <5                      |                             | <5                      | <5                          | <5                      |                             | <0.2                      |                               |
| 142146      | <5                      |                             | <5                      | <5                          | <5                      |                             | <0.2                      |                               |
| 142147      | <5                      |                             | <5                      | <5                          | <5                      |                             | 0.3                       |                               |
| 142148      | <5                      |                             | <5                      | <5                          | <5                      |                             | <0.2                      |                               |
| 142149      | <5                      |                             | <5                      | <5                          | <5                      |                             | <0.2                      |                               |
| 142150      | <5                      |                             | <5                      | <5                          | <5                      |                             | <0.2                      |                               |
| 120501      | <5                      |                             | <5                      | <5                          | <5                      |                             | <0.2                      |                               |
| 120502      | <5                      |                             | 111                     | <5                          | 95                      |                             | <0.2                      |                               |
| 120503      | <5                      |                             | 28                      | <5                          | 81                      |                             | 0.3                       |                               |
| 120504      | <5                      |                             | <5                      | <5                          | 238                     |                             | 0.4                       |                               |
| 120505      | <5                      |                             | 41                      | <5                          | 91                      |                             | 0.3                       |                               |
| 120506      | <5                      | <5                          | <5                      | <5                          | 36                      | 35                          | <0.2                      | <0.2                          |
| 120507      | <5                      |                             | <5                      | <5                          | <5                      |                             | <0.2                      |                               |
| 120508      | <5                      |                             | <5                      | <5                          | <5                      |                             | 0.3                       |                               |
| 120509      | <5                      |                             | <5                      | <5                          | <5                      |                             | <0.2                      |                               |
| 120510      | <5                      |                             | 53                      | <5                          | 35                      |                             | <0.2                      |                               |
| 120511      | 6                       |                             | 25                      | <5                          | 72                      |                             | <0.2                      |                               |
| 120512      | <5                      |                             | 6                       | <5                          | 13                      |                             | <0.2                      |                               |
| 120513      | 27                      |                             | 83                      | <5                          | 237                     |                             | 0.4                       |                               |



Joe Landers, Manager

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|------------------------------------------|-------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                     |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23347</b>               |
|                                          | Your order number : <b>068</b>      |
|                                          | Project : <b>LANGMUIR</b>           |
|                                          | Total number of samples : <b>50</b> |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 120514             | 119                     |                             | 53                      |                             | 135                     |                             | <0.2                      |                               |
| 120515             | <5                      |                             | 23                      |                             | 63                      |                             | 1.1                       |                               |
| 120516             | 58                      |                             | 120                     |                             | 293                     |                             | 0.4                       |                               |
| 120517             | 41                      |                             | 43                      |                             | 104                     |                             | <0.2                      |                               |
| 120518             | <5                      | <5                          | 85                      | 88                          | 186                     | 184                         | <0.2                      | <0.2                          |
| 120519             | <5                      |                             | 21                      |                             | 40                      |                             | <0.2                      |                               |
| 120520             | 25                      |                             | 52                      |                             | 83                      |                             | 0.3                       |                               |
| 120521             | 381                     |                             | 340                     |                             | 781                     |                             | 1.2                       |                               |
| 120522             | 7                       |                             | 58                      |                             | 155                     |                             | 0.3                       |                               |
| 120523             | <5                      |                             | 74                      |                             | 86                      |                             | <0.2                      |                               |
| 120524             | <5                      |                             | 37                      |                             | 86                      |                             | <0.2                      |                               |
| 120525             | 10                      |                             | 70                      |                             | 94                      |                             | 0.6                       |                               |
| 120526             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 120527             | <5                      |                             | <5                      |                             | 14                      |                             | <0.2                      |                               |
| 120528             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 120529             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 120530             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 120531             | <5                      |                             | <5                      |                             | 15                      |                             | <0.2                      |                               |
| 120532             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 120533             | 15                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |

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|                                          |                                     |
|------------------------------------------|-------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                     |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23347</b>               |
|                                          | Your order number : <b>068</b>      |
|                                          | Project : <b>LANGMUIR</b>           |
|                                          | Total number of samples : <b>50</b> |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 120534             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 120535             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 120536             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 120537             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 120538             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 120539             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 120540             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 120541             | 32                      |                             | 27                      |                             | 58                      |                             | 0.4                       |                               |
| 120542             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 120543             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |

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|------------------------------------------|-------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                     |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23347</b>               |
|                                          | Your order number : <b>068</b>      |
|                                          | Project : <b>LANGMUIR</b>           |
|                                          | Total number of samples : <b>50</b> |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 142144             | 158                     | 151                         | 430                     | 445                         | 243                     | 237                         | 54                      | 45                          |
| 142145             | 143                     |                             | 277                     |                             | 153                     |                             | 67                      |                             |
| 142146             | 138                     |                             | 1246                    |                             | 65                      |                             | 33                      |                             |
| 142147             | 94                      |                             | 1248                    |                             | 23                      |                             | 29                      |                             |
| 142148             | 105                     |                             | 1142                    |                             | 19                      |                             | 25                      |                             |
| 142149             | 149                     |                             | 1221                    |                             | 24                      |                             | 26                      |                             |
| 142150             | 120                     |                             | 30                      |                             | 14                      |                             | 35                      |                             |
| 120501             | 185                     |                             | 1287                    |                             | 28                      |                             | 27                      |                             |
| 120502             | 2230                    |                             | ----- >DL               |                             | 27                      |                             | 27                      |                             |
| 120503             | 666                     |                             | ----- >DL               |                             | 18                      |                             | 27                      |                             |
| 120504             | 1056                    |                             | ----- >DL               |                             | 14                      |                             | 31                      |                             |
| 120505             | 289                     |                             | 5330                    |                             | 13                      |                             | 17                      |                             |
| 120506             | 204                     | 201                         | 3240                    | 3239                        | 34                      | 31                          | 28                      | 25                          |
| 120507             | 112                     |                             | 1568                    |                             | 27                      |                             | 28                      |                             |
| 120508             | 69                      |                             | 1590                    |                             | 19                      |                             | 22                      |                             |
| 120509             | 63                      |                             | 1712                    |                             | 22                      |                             | 23                      |                             |
| 120510             | 70                      |                             | 3830                    |                             | 18                      |                             | 24                      |                             |
| 120511             | 65                      |                             | 3478                    |                             | 17                      |                             | 20                      |                             |
| 120512             | 69                      |                             | 2135                    |                             | 20                      |                             | 25                      |                             |
| 120513             | 665                     |                             | ----- >DL               |                             | 25                      |                             | 28                      |                             |

>DL Value greater than detection limit

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|------------------------------------------|-------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                     |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23347</b>               |
|                                          | Your order number : <b>068</b>      |
|                                          | Project : <b>LANGMUIR</b>           |
|                                          | Total number of samples : <b>50</b> |

| Designation | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|-------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 120514      | 239                     |                             | 8090                    |                             | 23                      |                             | 28                      |                             |
| 120515      | 1811                    |                             | 2640                    |                             | 20                      |                             | 32                      |                             |
| 120516      | 815                     |                             | >DL                     |                             | 25                      |                             | 32                      |                             |
| 120517      | 273                     |                             | 7160                    |                             | 17                      |                             | 23                      |                             |
| 120518      | 169                     | 176                         | 828                     | 829                         | 15                      | 13                          | 23                      | 22                          |
| 120519      | 82                      |                             | 2924                    |                             | 12                      |                             | 19                      |                             |
| 120520      | 81                      |                             | 3654                    |                             | 11                      |                             | 18                      |                             |
| 120521      | 369                     |                             | >DL                     |                             | 16                      |                             | 29                      |                             |
| 120522      | 106                     |                             | 7940                    |                             | 12                      |                             | 20                      |                             |
| 120523      | 103                     |                             | 3882                    |                             | 13                      |                             | 19                      |                             |
| 120524      | 85                      |                             | 3255                    |                             | 16                      |                             | 19                      |                             |
| 120525      | 2449                    |                             | >DL                     |                             | 81                      |                             | 35                      |                             |
| 120526      | 72                      |                             | 1792                    |                             | 17                      |                             | 21                      |                             |
| 120527      | 72                      |                             | 2870                    |                             | 22                      |                             | 22                      |                             |
| 120528      | 60                      |                             | 1742                    |                             | 19                      |                             | 22                      |                             |
| 120529      | 49                      |                             | 1762                    |                             | 18                      |                             | 20                      |                             |
| 120530      | 69                      | 60                          | 1559                    | 1597                        | 23                      | 22                          | 26                      | 25                          |
| 120531      | 52                      |                             | 1739                    |                             | 20                      |                             | 20                      |                             |
| 120532      | 55                      |                             | 1490                    |                             | 25                      |                             | 23                      |                             |
| 120533      | 71                      |                             | 1229                    |                             | 23                      |                             | 25                      |                             |

>DL Value greater than detection limit

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|                                          |                                     |
|------------------------------------------|-------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                     |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23347</b>               |
|                                          | Your order number : <b>068</b>      |
|                                          | Project : <b>LANGMUIR</b>           |
|                                          | Total number of samples : <b>50</b> |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 120534             | 84                      |                             | 1424                    |                             | 27                      |                             | 27                      |                             |
| 120535             | 71                      |                             | 1362                    |                             | 27                      |                             | 28                      |                             |
| 120536             | 90                      |                             | 1366                    |                             | 30                      |                             | 29                      |                             |
| 120537             | 158                     |                             | 1300                    |                             | 28                      |                             | 27                      |                             |
| 120538             | 78                      |                             | 1290                    |                             | 28                      |                             | 28                      |                             |
| 120539             | 74                      |                             | 1857                    |                             | 28                      |                             | 26                      |                             |
| 120540             | 72                      |                             | 2188                    |                             | 28                      |                             | 24                      |                             |
| 120541             | 71                      |                             | 3294                    |                             | 26                      |                             | 25                      |                             |
| 120542             | 75                      | 71                          | 1876                    | 1894                        | 28                      | 26                          | 28                      | 25                          |
| 120543             | 87                      |                             | 1525                    |                             | 33                      |                             | 26                      |                             |

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|------------------------------------------|-------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                     |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23347</b>               |
|                                          | Your order number : <b>068</b>      |
|                                          | Project : <b>LANGMUIR</b>           |
|                                          | Total number of samples : <b>50</b> |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|
| 142144             | 68                      | 68                          |                           |
| 142145             | 71                      |                             |                           |
| 142146             | 97                      |                             |                           |
| 142147             | 72                      |                             |                           |
| 142148             | 67                      |                             |                           |
| 142149             | 73                      |                             |                           |
| 142150             | 19                      |                             |                           |
| 120501             | 61                      |                             |                           |
| 120502             | 279                     |                             | 1.400                     |
| 120503             | 303                     |                             | 1.810                     |
| 120504             | 864                     |                             | 6.610                     |
| 120505             | 122                     |                             | 0.520                     |
| 120506             | 116                     | 110                         |                           |
| 120507             | 77                      |                             |                           |
| 120508             | 66                      |                             |                           |
| 120509             | 67                      |                             |                           |
| 120510             | 91                      |                             |                           |
| 120511             | 85                      |                             |                           |
| 120512             | 71                      |                             |                           |
| 120513             | 158                     |                             | 1.110                     |

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|                                          |                                                                                      |
|------------------------------------------|--------------------------------------------------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                                                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23347</b><br>Your order number : <b>068</b><br>Project : <b>LANGMUIR</b> |
|                                          | Total number of samples : <b>50</b>                                                  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|
| 120514             | 129                     |                             | 0.810                     |
| 120515             | 273                     |                             |                           |
| 120516             | 191                     |                             | 1.270                     |
| 120517             | 119                     |                             | 0.700                     |
| 120518             | 116                     | 116                         |                           |
| 120519             | 46                      |                             |                           |
| 120520             | 66                      |                             |                           |
| 120521             | 824                     |                             | 3.560                     |
| 120522             | 115                     |                             | 0.800                     |
| 120523             | 72                      |                             |                           |
| 120524             | 75                      |                             |                           |
| 120525             | 230                     |                             | 1.330                     |
| 120526             | 69                      |                             |                           |
| 120527             | 91                      |                             |                           |
| 120528             | 63                      |                             |                           |
| 120529             | 64                      |                             |                           |
| 120530             | 74                      | 74                          |                           |
| 120531             | 77                      |                             |                           |
| 120532             | 63                      |                             |                           |
| 120533             | 67                      |                             |                           |



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|------------------------------------------|--------------------------------------------------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                                                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23347</b><br>Your order number : <b>068</b><br>Project : <b>LANGMUIR</b> |
|                                          | Total number of samples : <b>50</b>                                                  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|
| 120534             | 79                      |                             |                           |
| 120535             | 81                      |                             |                           |
| 120536             | 80                      |                             |                           |
| 120537             | 85                      |                             |                           |
| 120538             | 80                      |                             |                           |
| 120539             | 84                      |                             |                           |
| 120540             | 97                      |                             |                           |
| 120541             | 127                     |                             |                           |
| 120542             | 86                      | 86                          |                           |
| 120543             | 84                      |                             |                           |

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|                                          |                                     |
|------------------------------------------|-------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                     |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23346</b>               |
|                                          | Your order number : <b>067</b>      |
|                                          | Project : <b>LANGMUIR</b>           |
|                                          | Total number of samples : <b>22</b> |

| Designation | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|-------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 118765      | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 118766      | <5                      |                             | 14                      |                             | 79                      |                             | <0.2                      |                               |
| 118767      | <5                      |                             | <5                      |                             | 20                      |                             | <0.2                      |                               |
| 118768      | <5                      |                             | 6                       |                             | 27                      |                             | <0.2                      |                               |
| 118769      | <5                      |                             | 16                      |                             | 54                      |                             | <0.2                      |                               |
| 118770      | 63                      |                             | 38                      |                             | 105                     |                             | 0.6                       |                               |
| 118771      | 6                       |                             | 103                     |                             | 259                     |                             | 0.5                       |                               |
| 118772      | <5                      |                             | 94                      |                             | 244                     |                             | <0.2                      |                               |
| 118773      | 26                      | 32                          | 430                     | 428                         | 1198                    | 1196                        | 1.6                       |                               |
| 118774      | <5                      |                             | 92                      |                             | 249                     |                             | 0.4                       |                               |
| 118775      | 10                      |                             | 64                      |                             | 86                      |                             | 0.7                       |                               |
| 118776      | 6                       |                             | 163                     |                             | 470                     |                             | 0.9                       |                               |
| 118777      | 7                       | 6                           | 193                     | 202                         | 396                     | 384                         | <0.2                      | <0.2                          |
| 118778      | <5                      |                             | 70                      |                             | 168                     |                             | <0.2                      |                               |
| 118779      | <5                      |                             | 309                     |                             | 807                     |                             | 0.7                       |                               |
| 118780      | 63                      |                             | 151                     |                             | 367                     |                             | <0.2                      |                               |
| 118781      | <5                      |                             | 6                       |                             | 23                      |                             | 0.4                       |                               |
| 118782      | <5                      |                             | 19                      |                             | 42                      |                             | <0.2                      |                               |
| 118783      | <5                      |                             | <5                      |                             | 8                       |                             | 0.3                       |                               |
| 118784      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |



Joe Landers, Manager

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|-------------------|
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|------------------------------------------|-------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                     |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23346</b>               |
|                                          | Your order number : <b>067</b>      |
|                                          | Project : <b>LANGMUIR</b>           |
|                                          | Total number of samples : <b>22</b> |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 118785             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118786             | <5                      |                             | <5                      |                             | <5                      |                             | 0.9                       |                               |

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|------------------------------------------|-------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                     |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23346</b>               |
|                                          | Your order number : <b>067</b>      |
|                                          | Project : <b>LANGMUIR</b>           |
|                                          | Total number of samples : <b>22</b> |

| Designation | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|-------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 118765      | 84                      | 81                          | 1976                    | 1931                        | 22                      | 22                          | 26                      | 26                          |
| 118766      | 89                      |                             | 2962                    |                             | 23                      |                             | 24                      |                             |
| 118767      | 86                      |                             | 2556                    |                             | 21                      |                             | 22                      |                             |
| 118768      | 115                     |                             | 3388                    |                             | 25                      |                             | 24                      |                             |
| 118769      | 200                     |                             | 6180                    |                             | 24                      |                             | 22                      |                             |
| 118770      | 1365                    |                             | ----- >DL               |                             | 32                      |                             | 31                      |                             |
| 118771      | 1223                    |                             | ----- >DL               |                             | 28                      |                             | 30                      |                             |
| 118772      | 1270                    |                             | ----- >DL               |                             | 28                      |                             | 31                      |                             |
| 118773      | 1844                    |                             | ----- >DL               |                             | 23                      |                             | 46                      |                             |
| 118774      | 1370                    |                             | ----- >DL               |                             | 33                      |                             | 30                      |                             |
| 118775      | 2587                    |                             | ----- >DL               |                             | 84                      |                             | 35                      |                             |
| 118776      | 2369                    |                             | ----- >DL               |                             | 33                      |                             | 28                      |                             |
| 118777      | 905                     | 901                         | ----- >DL               | ----- >DL                   | 23                      | 32                          | 26                      | 27                          |
| 118778      | 304                     |                             | 7710                    |                             | 15                      |                             | 22                      |                             |
| 118779      | 1059                    |                             | 3056                    |                             | 18                      |                             | 28                      |                             |
| 118780      | 296                     |                             | ----- >DL               |                             | 14                      |                             | 21                      |                             |
| 118781      | 73                      |                             | 2490                    |                             | 20                      |                             | 22                      |                             |
| 118782      | 99                      |                             | 2348                    |                             | 47                      |                             | 23                      |                             |
| 118783      | 139                     |                             | 848                     |                             | 62                      |                             | 23                      |                             |
| 118784      | 277                     |                             | 945                     |                             | 48                      |                             | 24                      |                             |

>DL Value greater than detection limit

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|------------------------------------------|-------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                     |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23346</b>               |
|                                          | Your order number : <b>067</b>      |
|                                          | Project : <b>LANGMUIR</b>           |
|                                          | Total number of samples : <b>22</b> |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| <b>118785</b>      | 154                     |                             | 839                     |                             | 211                     |                             | 148                     |                             |
| <b>118786</b>      | 400                     |                             | 764                     |                             | 593                     |                             | 83                      |                             |

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|                                          |                                     |
|------------------------------------------|-------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                     |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23346</b>               |
|                                          | Your order number : <b>067</b>      |
|                                          | Project : <b>LANGMUIR</b>           |
|                                          | Total number of samples : <b>22</b> |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 118765             | 69                      | 74                          |                           |                               |
| 118766             | 103                     |                             |                           |                               |
| 118767             | 82                      |                             |                           |                               |
| 118768             | 96                      |                             |                           |                               |
| 118769             | 125                     |                             | 0.600                     |                               |
| 118770             | 237                     |                             | 1.740                     |                               |
| 118771             | 257                     |                             | 1.710                     |                               |
| 118772             | 200                     |                             | 1.390                     |                               |
| 118773             | 647                     |                             | 5.030                     |                               |
| 118774             | 185                     |                             | 1.290                     |                               |
| 118775             | 219                     |                             | 1.310                     |                               |
| 118776             | 239                     |                             | 1.890                     |                               |
| 118777             | 139                     | 141                         | 1.400                     | 1.390                         |
| 118778             | 82                      |                             | 0.760                     |                               |
| 118779             | 263                     |                             |                           |                               |
| 118780             | 147                     |                             | 1.560                     |                               |
| 118781             | 42                      |                             |                           |                               |
| 118782             | 92                      |                             |                           |                               |
| 118783             | 81                      |                             |                           |                               |
| 118784             | 87                      |                             |                           |                               |

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|------------------------------------------|-------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                     |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23346</b>               |
|                                          | Your order number : <b>067</b>      |
|                                          | Project : <b>LANGMUIR</b>           |
|                                          | Total number of samples : <b>22</b> |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| <b>118785</b>      | 118                     |                             |                           |                               |
| <b>118786</b>      | 163                     |                             |                           |                               |

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|                                          |                                               |
|------------------------------------------|-----------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                               |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23334</b>                         |
|                                          | Your order number : <b>GCL-08-69 &amp; 70</b> |
|                                          | Project : <b>LANGMUIR</b>                     |
|                                          | Total number of samples : <b>83</b>           |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 118787             | 12                      | 13                          | 12                      | 16                          | 55                      | 60                          | <0.2                      | <0.2                          |
| 118788             |                         |                             | 81                      |                             | 278                     |                             | <0.2                      |                               |
| 118789             | <5                      |                             | 54                      |                             | 185                     |                             | <0.2                      |                               |
| 118790             | 21                      |                             | 110                     |                             | 351                     |                             | <0.2                      |                               |
| 118791             | <5                      |                             | 58                      |                             | 150                     |                             | <0.2                      |                               |
| 118792             | 10                      |                             | 58                      |                             | 158                     |                             | <0.2                      |                               |
| 118793             | 21                      |                             | 19                      |                             | 150                     |                             | <0.2                      |                               |
| 118794             | <5                      |                             | 53                      |                             | 174                     |                             | <0.2                      |                               |
| 118795             | <5                      |                             | 255                     |                             | 711                     |                             | 0.4                       |                               |
| 118796             | 56                      | 48                          | 566                     | 574                         | 1442                    | 1430                        | 0.9                       |                               |
| 118797             | <5                      |                             | 114                     |                             | 304                     |                             | 0.3                       |                               |
| 118798             | <5                      |                             | 308                     |                             | 768                     |                             | 0.8                       |                               |
| 118799             | 12                      | 10                          | 296                     | 306                         | 718                     | 726                         | 0.6                       | 0.5                           |
| 118800             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118801             | 26                      |                             | 212                     |                             | 838                     |                             | 1.4                       |                               |
| 118802             | <5                      | <5                          | 408                     | 396                         | 1536                    | 1558                        | 3.6                       |                               |
| 118803             | 40                      | 44                          | 370                     | 374                         | 1514                    | 1568                        | 3.6                       |                               |
| 118804             | 13                      |                             | 244                     |                             | 710                     |                             | 0.5                       |                               |
| 118805             | <5                      |                             | 99                      |                             | 239                     |                             | <0.2                      |                               |
| 118806             | <5                      |                             | 52                      |                             | 159                     |                             | <0.2                      |                               |



Joe Landers, Manager



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|------------------------------------------|-----------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                               |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23334</b>                         |
|                                          | Your order number : <b>GCL-08-69 &amp; 70</b> |
|                                          | Project : <b>LANGMUIR</b>                     |
|                                          | Total number of samples : <b>83</b>           |

| Designation | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|-------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 118807      | <5                      |                             | 58                      |                             | 156                     |                             | 1.8                       |                               |
| 118808      | <5                      |                             | 396                     |                             | 802                     |                             | 1.6                       |                               |
| 118809      | 60                      |                             | 188                     |                             | 508                     |                             | 0.9                       |                               |
| 118810      | 16                      |                             | 109                     |                             | 377                     |                             | 0.4                       |                               |
| 118811      | 28                      | 24                          | 85                      | 84                          | 178                     | 186                         | <0.2                      | <0.2                          |
| 118812      | 111                     |                             | 150                     |                             | 462                     |                             | <0.2                      |                               |
| 118813      | 710                     |                             | 216                     |                             | 620                     |                             | 1.4                       |                               |
| 118814      | 502                     |                             | 81                      |                             | 257                     |                             | <0.2                      |                               |
| 118815      | 70                      |                             | <5                      |                             | 40                      |                             | 0.4                       |                               |
| 118816      | <5                      |                             | <5                      |                             | 20                      |                             | <0.2                      |                               |
| 118817      | <5                      |                             | <5                      |                             | 22                      |                             | <0.2                      |                               |
| 118818      | <5                      |                             | <5                      |                             | 17                      |                             | <0.2                      |                               |
| 118819      | <5                      |                             | <5                      |                             | 14                      |                             | <0.2                      |                               |
| 118820      | <5                      |                             | <5                      |                             | 16                      |                             | <0.2                      |                               |
| 118821      | <5                      |                             | 6                       |                             | 42                      |                             | <0.2                      |                               |
| 118822      | <5                      |                             | <5                      |                             | 22                      |                             | <0.2                      |                               |
| 118823      | 12                      | 12                          | 25                      | 30                          | 46                      | 51                          | <0.2                      | <0.2                          |
| 118824      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118825      | <5                      |                             | 30                      |                             | 72                      |                             | 0.4                       |                               |
| 118826      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |

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|------------------------------------------|-----------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                               |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23334</b>                         |
|                                          | Your order number : <b>GCL-08-69 &amp; 70</b> |
|                                          | Project : <b>LANGMUIR</b>                     |
|                                          | Total number of samples : <b>83</b>           |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 118827             | 152                     |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118828             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118829             | 130                     |                             | 55                      |                             | 214                     |                             | <0.2                      |                               |
| 118830             | 14                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118831             | 36                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118832             | 26                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118833             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118834             | 35                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118835             | 16                      | 20                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 118836             | 132                     |                             | 10                      |                             | 17                      |                             | <0.2                      |                               |
| 118837             | 104                     |                             | 27                      |                             | 64                      |                             | <0.2                      |                               |
| 118838             | 28                      |                             | 31                      |                             | 52                      |                             | <0.2                      |                               |
| 118839             | 46                      |                             | 14                      |                             | 20                      |                             | <0.2                      |                               |
| 118840             | 20                      |                             | 55                      |                             | 94                      |                             | <0.2                      |                               |
| 118841             | 6                       |                             | 10                      |                             | 8                       |                             | <0.2                      |                               |
| 118842             | 8                       |                             | 8                       |                             | 8                       |                             | <0.2                      |                               |
| 118843             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118844             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118845             | <5                      |                             | 6                       |                             | 7                       |                             | <0.2                      |                               |
| 118846             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |

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|------------------------------------------|-----------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                               |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23334</b>                         |
|                                          | Your order number : <b>GCL-08-69 &amp; 70</b> |
|                                          | Project : <b>LANGMUIR</b>                     |
|                                          | Total number of samples : <b>83</b>           |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 118847             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 118848             | <5                      |                             | 11                      |                             | 15                      |                             | <0.2                      |                               |
| 118849             | <5                      |                             | 15                      |                             | 25                      |                             | <0.2                      |                               |
| 118850             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118851             | <5                      |                             | 9                       |                             | 6                       |                             | <0.2                      |                               |
| 118852             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118853             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118854             | 7                       |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118855             | <5                      |                             | 60                      |                             | 151                     |                             | <0.2                      |                               |
| 118856             | <5                      |                             | 18                      |                             | 42                      |                             | 0.4                       |                               |
| 118857             | <5                      |                             | 16                      |                             | 37                      |                             | <0.2                      |                               |
| 118858             | <5                      |                             | 101                     |                             | 245                     |                             | <0.2                      |                               |
| 118859             | <5                      | <5                          | 71                      | 78                          | 147                     | 152                         | <0.2                      | <0.2                          |
| 118860             | 97                      |                             | 73                      |                             | 130                     |                             | <0.2                      |                               |
| 118861             | 21                      |                             | 9                       |                             | 9                       |                             | <0.2                      |                               |
| 118862             | <5                      |                             | 8                       |                             | 7                       |                             | <0.2                      |                               |
| 118863             | 7                       |                             | 7                       |                             | 7                       |                             | <0.2                      |                               |
| 118864             | <5                      |                             | 6                       |                             | 5                       |                             | <0.2                      |                               |
| 118865             | <5                      |                             | 6                       |                             | 7                       |                             | <0.2                      |                               |
| 118866             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |

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|------------------------------------------|-----------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                               |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23334</b>                         |
|                                          | Your order number : <b>GCL-08-69 &amp; 70</b> |
|                                          | Project : <b>LANGMUIR</b>                     |
|                                          | Total number of samples : <b>83</b>           |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 118867             | <5                      |                             | 7                       |                             | 6                       |                             | <0.2                      |                               |
| 118868             | 8                       |                             | 12                      |                             | 15                      |                             | <0.2                      |                               |
| 118869             | 10                      |                             | 7                       |                             | 6                       |                             | <0.2                      |                               |

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|------------------------------------------|-----------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                               |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23334</b>                         |
|                                          | Your order number : <b>GCL-08-69 &amp; 70</b> |
|                                          | Project : <b>LANGMUIR</b>                     |
|                                          | Total number of samples : <b>83</b>           |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 118787             | 1035                    | 1041                        | 2734                    | 2673                        | 42                      | 40                          | 25                      | 23                          |
| 118788             | 914                     |                             | ----- >DL               |                             | 41                      |                             | 25                      |                             |
| 118789             | 743                     |                             | ----- >DL               |                             | 41                      |                             | 28                      |                             |
| 118790             | 604                     |                             | ----- >DL               |                             | 37                      |                             | 24                      |                             |
| 118791             | 596                     |                             | 8340                    |                             | 39                      |                             | 21                      |                             |
| 118792             | 561                     |                             | 7680                    |                             | 37                      |                             | 25                      |                             |
| 118793             | 1007                    |                             | 7420                    |                             | 36                      |                             | 24                      |                             |
| 118794             | 761                     |                             | 8160                    |                             | 40                      |                             | 26                      |                             |
| 118795             | 1498                    |                             | ----- >DL               |                             | 41                      |                             | 23                      |                             |
| 118796             | 1935                    |                             | ----- >DL               |                             | 34                      |                             | 22                      |                             |
| 118797             | 1044                    |                             | ----- >DL               |                             | 30                      |                             | 22                      |                             |
| 118798             | 2481                    |                             | ----- >DL               |                             | 35                      |                             | 23                      |                             |
| 118799             | 1822                    | 1824                        | ----- >DL               | ----- >DL                   | 21                      | 19                          | 20                      | 19                          |
| 118800             | 27                      |                             | 280                     |                             | 4                       |                             | 7                       |                             |
| 118801             | 2336                    |                             | ----- >DL               |                             | 24                      |                             | 22                      |                             |
| 118802             | 3561                    |                             | ----- >DL               |                             | 25                      |                             | 28                      |                             |
| 118803             | 4450                    |                             | ----- >DL               |                             | 28                      |                             | 29                      |                             |
| 118804             | 1687                    |                             | ----- >DL               |                             | 39                      |                             | 26                      |                             |
| 118805             | 1210                    |                             | ----- >DL               |                             | 26                      |                             | 22                      |                             |
| 118806             | 754                     |                             | 7540                    |                             | 31                      |                             | 22                      |                             |

>DL Value greater than detection limit

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|------------------------------------------|-----------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                               |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23334</b>                         |
|                                          | Your order number : <b>GCL-08-69 &amp; 70</b> |
|                                          | Project : <b>LANGMUIR</b>                     |
|                                          | Total number of samples : <b>83</b>           |

| Designation | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|-------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 118807      | 3365                    |                             | ----- >DL               |                             | 29                      |                             | 24                      |                             |
| 118808      | 2499                    |                             | ----- >DL               |                             | 27                      |                             | 22                      |                             |
| 118809      | 1879                    |                             | ----- >DL               |                             | 31                      |                             | 19                      |                             |
| 118810      | 1931                    |                             | ----- >DL               |                             | 28                      |                             | 22                      |                             |
| 118811      | 1051                    | 1047                        | 9980                    | 9950                        | 24                      | 23                          | 19                      | 18                          |
| 118812      | 1001                    |                             | ----- >DL               |                             | 18                      |                             | 20                      |                             |
| 118813      | 2973                    |                             | ----- >DL               |                             | 20                      |                             | 19                      |                             |
| 118814      | 920                     |                             | ----- >DL               |                             | 18                      |                             | 22                      |                             |
| 118815      | 100                     |                             | 2834                    |                             | 14                      |                             | 18                      |                             |
| 118816      | 81                      |                             | 2476                    |                             | 14                      |                             | 18                      |                             |
| 118817      | 102                     |                             | 2582                    |                             | 13                      |                             | 18                      |                             |
| 118818      | 83                      |                             | 2537                    |                             | 15                      |                             | 19                      |                             |
| 118819      | 71                      |                             | 2542                    |                             | 10                      |                             | 16                      |                             |
| 118820      | 73                      |                             | 2676                    |                             | 10                      |                             | 18                      |                             |
| 118821      | 88                      |                             | 3133                    |                             | 8                       |                             | 17                      |                             |
| 118822      | 71                      |                             | 2769                    |                             | 8                       |                             | 18                      |                             |
| 118823      | 65                      | 65                          | 2920                    | 2915                        | 8                       | 8                           | 17                      | 16                          |
| 118824      | 55                      |                             | 2328                    |                             | 9                       |                             | 18                      |                             |
| 118825      | 2416                    |                             | ----- >DL               |                             | 75                      |                             | 32                      |                             |
| 118826      | 67                      |                             | 2169                    |                             | 9                       |                             | 17                      |                             |

>DL Value greater than detection limit

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|------------------------------------------|-----------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                               |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23334</b>                         |
|                                          | Your order number : <b>GCL-08-69 &amp; 70</b> |
|                                          | Project : <b>LANGMUIR</b>                     |
|                                          | Total number of samples : <b>83</b>           |

| Designation | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|-------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 118827      | 61                      |                             | 2274                    |                             | 8                       |                             | 16                      |                             |
| 118828      | 52                      |                             | 2003                    |                             | 9                       |                             | 15                      |                             |
| 118829      | 144                     |                             | 9210                    |                             | 14                      |                             | 19                      |                             |
| 118830      | 105                     |                             | 2322                    |                             | 14                      |                             | 17                      |                             |
| 118831      | 83                      |                             | 2294                    |                             | 16                      |                             | 18                      |                             |
| 118832      | 85                      |                             | 2368                    |                             | 17                      |                             | 18                      |                             |
| 118833      | 60                      |                             | 1813                    |                             | 15                      |                             | 16                      |                             |
| 118834      | 68                      |                             | 2011                    |                             | 16                      |                             | 17                      |                             |
| 118835      | 54                      | 51                          | 1950                    | 2005                        | 14                      | 13                          | 16                      | 16                          |
| 118836      | 56                      |                             | 2027                    |                             | 16                      |                             | 17                      |                             |
| 118837      | 127                     |                             | 3521                    |                             | 15                      |                             | 16                      |                             |
| 118838      | 350                     |                             | 5460                    |                             | 22                      |                             | 21                      |                             |
| 118839      | 285                     |                             | 2261                    |                             | 20                      |                             | 19                      |                             |
| 118840      | 70                      |                             | 3730                    |                             | 24                      |                             | 20                      |                             |
| 118841      | 93                      |                             | 1280                    |                             | 27                      |                             | 29                      |                             |
| 118842      | 33                      |                             | 610                     |                             | 20                      |                             | 20                      |                             |
| 118843      | 278                     |                             | 542                     |                             | 17                      |                             | 16                      |                             |
| 118844      | 105                     |                             | 420                     |                             | 18                      |                             | 17                      |                             |
| 118845      | 83                      |                             | 373                     |                             | 14                      |                             | 14                      |                             |
| 118846      | 41                      |                             | 1694                    |                             | 28                      |                             | 19                      |                             |

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|------------------------------------------|-----------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                               |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23334</b>                         |
|                                          | Your order number : <b>GCL-08-69 &amp; 70</b> |
|                                          | Project : <b>LANGMUIR</b>                     |
|                                          | Total number of samples : <b>83</b>           |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 118847             | 52                      | 57                          | 1545                    | 1608                        | 23                      | 25                          | 19                      | 19                          |
| 118848             | 80                      |                             | 2032                    |                             | 25                      |                             | 21                      |                             |
| 118849             | 187                     |                             | 2422                    |                             | 32                      |                             | 23                      |                             |
| 118850             | 29                      |                             | 390                     |                             | 5                       |                             | 6                       |                             |
| 118851             | 144                     |                             | 1266                    |                             | 40                      |                             | 14                      |                             |
| 118852             | 323                     |                             | 980                     |                             | 102                     |                             | 26                      |                             |
| 118853             | 88                      |                             | 1249                    |                             | 49                      |                             | 16                      |                             |
| 118854             | 50                      |                             | 1801                    |                             | 23                      |                             | 20                      |                             |
| 118855             | 1518                    |                             | ----- >DL               |                             | 27                      |                             | 25                      |                             |
| 118856             | 1500                    |                             | ----- >DL               |                             | 27                      |                             | 28                      |                             |
| 118857             | 1446                    |                             | ----- >DL               |                             | 22                      |                             | 24                      |                             |
| 118858             | 1043                    |                             | ----- >DL               |                             | 22                      |                             | 23                      |                             |
| 118859             | 198                     | 192                         | ----- >DL               | ----- >DL                   | 22                      | 21                          | 17                      | 17                          |
| 118860             | 85                      |                             | 8660                    |                             | 15                      |                             | 17                      |                             |
| 118861             | 66                      |                             | 1504                    |                             | 20                      |                             | 22                      |                             |
| 118862             | 52                      |                             | 1460                    |                             | 18                      |                             | 20                      |                             |
| 118863             | 67                      |                             | 1304                    |                             | 25                      |                             | 19                      |                             |
| 118864             | 102                     |                             | 1066                    |                             | 30                      |                             | 18                      |                             |
| 118865             | 151                     |                             | 1321                    |                             | 33                      |                             | 15                      |                             |
| 118866             | 157                     |                             | 1033                    |                             | 36                      |                             | 17                      |                             |

>DL Value greater than detection limit



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|------------------------------------------|-----------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                               |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23334</b>                         |
|                                          | Your order number : <b>GCL-08-69 &amp; 70</b> |
|                                          | Project : <b>LANGMUIR</b>                     |
|                                          | Total number of samples : <b>83</b>           |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| <b>118867</b>      | 119                     |                             | 1106                    |                             | 29                      |                             | 14                      |                             |
| <b>118868</b>      | 159                     |                             | 1622                    |                             | 32                      |                             | 17                      |                             |
| <b>118869</b>      | 89                      |                             | 1186                    |                             | 28                      |                             | 14                      |                             |

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| Client : <b>Golden Chalice Resources</b> |                                               |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23334</b>                         |
|                                          | Your order number : <b>GCL-08-69 &amp; 70</b> |
|                                          | Project : <b>LANGMUIR</b>                     |
|                                          | Total number of samples : <b>83</b>           |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%0.010 | Ni-Dup<br>AAT-8<br>%0.010 |
|--------------------|-------------------------|-----------------------------|-----------------------|---------------------------|
| 118787             | 110                     | 115                         |                       |                           |
| 118788             | 212                     |                             | 1.370                 |                           |
| 118789             | 180                     |                             | 1.100                 |                           |
| 118790             | 196                     |                             | 1.570                 |                           |
| 118791             | 111                     |                             | 0.840                 |                           |
| 118792             | 93                      |                             | 0.750                 |                           |
| 118793             | 76                      |                             | 0.760                 |                           |
| 118794             | 102                     |                             | 0.810                 |                           |
| 118795             | 187                     |                             | 1.990                 |                           |
| 118796             | 257                     |                             | 3.590                 |                           |
| 118797             | 163                     |                             | 1.280                 |                           |
| 118798             | 318                     |                             | 3.440                 |                           |
| 118799             | 237                     | 235                         | 3.280                 | 3.220                     |
| 118800             | 32                      |                             |                       |                           |
| 118801             | 287                     |                             | 4.650                 |                           |
| 118802             | 646                     |                             | 9.700                 |                           |
| 118803             | 715                     |                             | 11.090                |                           |
| 118804             | 241                     |                             | 2.790                 |                           |
| 118805             | 100                     |                             | 1.100                 |                           |
| 118806             | 96                      |                             | 0.760                 |                           |

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| Client : <b>Golden Chalice Resources</b> |                                               |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23334</b>                         |
|                                          | Your order number : <b>GCL-08-69 &amp; 70</b> |
|                                          | Project : <b>LANGMUIR</b>                     |
|                                          | Total number of samples : <b>83</b>           |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 118807             | 558                     |                             | 6.610                     |                               |
| 118808             | 510                     |                             | 5.860                     |                               |
| 118809             | 265                     |                             | 2.700                     |                               |
| 118810             | 209                     |                             | 2.080                     |                               |
| 118811             | 126                     | 127                         | 1.010                     | 0.990                         |
| 118812             | 174                     |                             | 1.840                     |                               |
| 118813             | 342                     |                             | 3.590                     |                               |
| 118814             | 123                     |                             | 1.150                     |                               |
| 118815             | 70                      |                             |                           |                               |
| 118816             | 67                      |                             |                           |                               |
| 118817             | 73                      |                             |                           |                               |
| 118818             | 62                      |                             |                           |                               |
| 118819             | 60                      |                             |                           |                               |
| 118820             | 63                      |                             |                           |                               |
| 118821             | 75                      |                             |                           |                               |
| 118822             | 63                      |                             |                           |                               |
| 118823             | 69                      | 68                          |                           |                               |
| 118824             | 55                      |                             |                           |                               |
| 118825             | 244                     |                             | 1.320                     |                               |
| 118826             | 59                      |                             |                           |                               |

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| Client : <b>Golden Chalice Resources</b> |                                               |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23334</b>                         |
|                                          | Your order number : <b>GCL-08-69 &amp; 70</b> |
|                                          | Project : <b>LANGMUIR</b>                     |
|                                          | Total number of samples : <b>83</b>           |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 118827             | 64                      |                             |                           |                               |
| 118828             | 59                      |                             |                           |                               |
| 118829             | 273                     |                             | 0.910                     |                               |
| 118830             | 67                      |                             |                           |                               |
| 118831             | 71                      |                             |                           |                               |
| 118832             | 71                      |                             |                           |                               |
| 118833             | 61                      |                             |                           |                               |
| 118834             | 78                      |                             |                           |                               |
| 118835             | 69                      | 73                          |                           |                               |
| 118836             | 75                      |                             |                           |                               |
| 118837             | 100                     |                             |                           |                               |
| 118838             | 121                     |                             | 0.530                     |                               |
| 118839             | 69                      |                             |                           |                               |
| 118840             | 108                     |                             |                           |                               |
| 118841             | 68                      |                             |                           |                               |
| 118842             | 53                      |                             |                           |                               |
| 118843             | 51                      |                             |                           |                               |
| 118844             | 49                      |                             |                           |                               |
| 118845             | 41                      |                             |                           |                               |
| 118846             | 68                      |                             |                           |                               |

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| Client : <b>Golden Chalice Resources</b> |                                               |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23334</b>                         |
|                                          | Your order number : <b>GCL-08-69 &amp; 70</b> |
|                                          | Project : <b>LANGMUIR</b>                     |
|                                          | Total number of samples : <b>83</b>           |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 118847             | 63                      | 73                          |                           |                               |
| 118848             | 80                      |                             |                           |                               |
| 118849             | 79                      |                             |                           |                               |
| 118850             | 16                      |                             |                           |                               |
| 118851             | 73                      |                             |                           |                               |
| 118852             | 103                     |                             |                           |                               |
| 118853             | 63                      |                             |                           |                               |
| 118854             | 72                      |                             |                           |                               |
| 118855             | 189                     |                             | 1.250                     |                               |
| 118856             | 404                     |                             | 2.310                     |                               |
| 118857             | 278                     |                             | 1.880                     |                               |
| 118858             | 235                     |                             | 1.540                     |                               |
| 118859             | 155                     | 149                         | 1.220                     | 1.180                         |
| 118860             | 136                     |                             | 0.870                     |                               |
| 118861             | 59                      |                             |                           |                               |
| 118862             | 70                      |                             |                           |                               |
| 118863             | 71                      |                             |                           |                               |
| 118864             | 65                      |                             |                           |                               |
| 118865             | 86                      |                             |                           |                               |
| 118866             | 73                      |                             |                           |                               |

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| Client : <b>Golden Chalice Resources</b> |                                               |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23334</b>                         |
|                                          | Your order number : <b>GCL-08-69 &amp; 70</b> |
|                                          | Project : <b>LANGMUIR</b>                     |
|                                          | Total number of samples : <b>83</b>           |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 118867             | 73                      |                             |                           |                               |
| 118868             | 89                      |                             |                           |                               |
| 118869             | 74                      |                             |                           |                               |

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| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23268</b>                |
|                                          | Your order number : <b>GCL-08-66</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>63</b>  |

| Designation | Au<br>FA-GRAV<br>g/t<br>0.03 | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 |
|-------------|------------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|
| 121371      |                              | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      |
| 121372      |                              | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 121373      |                              | 6                       |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 121374      |                              | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 121375      |                              | 12                      |                             | 74                      |                             | 76                      |                             | 0.7                       |
| 121376      |                              | 10                      |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 121377      |                              | 18                      |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 121378      |                              | 9                       |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 121379      |                              | 13                      |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 121380      |                              | 8                       |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 121381      |                              | 149                     |                             | <5                      |                             | <5                      |                             | 0.3                       |
| 121382      |                              | 30                      |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 121383      |                              | 693                     | 691                         | <5                      | <5                          | <5                      | <5                          | <0.2                      |
| 121384      |                              | 47                      |                             | <5                      |                             | <5                      |                             | 0.2                       |
| 121385      |                              | 241                     |                             | <5                      |                             | <5                      |                             | 0.2                       |
| 121386      |                              | 35                      |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 121387      | 1.41                         | 1376                    |                             | 9                       |                             | 6                       |                             | 0.2                       |
| 121388      |                              | 46                      |                             | 15                      |                             | 18                      |                             | <0.2                      |
| 121389      |                              | 424                     |                             | 9                       |                             | 7                       |                             | <0.2                      |
| 121390      |                              | 35                      |                             | <5                      |                             | <5                      |                             | <0.2                      |



Joe Landers, Manager

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23268</b>                |
|                                          | Your order number : <b>GCL-08-66</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>63</b>  |

| <u>Designation</u> | Au<br>FA-GRAV<br>g/t<br>0.03 | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 |
|--------------------|------------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|
| 121391             |                              | 705                     |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 121392             |                              | 18                      |                             | 6                       |                             | 6                       |                             | <0.2                      |
| 121393             |                              | 406                     |                             | 11                      |                             | 13                      |                             | <0.2                      |
| 121394             |                              | 17                      |                             | 9                       |                             | 12                      |                             | <0.2                      |
| 121395             |                              | 177                     | 184                         | <5                      | <5                          | <5                      | <5                          | <0.2                      |
| 121396             |                              | 17                      |                             | 19                      |                             | 16                      |                             | <0.2                      |
| 121397             |                              | 341                     |                             | 24                      |                             | 20                      |                             | <0.2                      |
| 121398             |                              | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 121399             |                              | 140                     |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 121401             |                              | 74                      |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 121402             |                              | 15                      |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 121403             |                              | 49                      |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 121404             |                              | 22                      |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 121405             |                              | 114                     |                             | 10                      |                             | 13                      |                             | <0.2                      |
| 121406             |                              | 10                      |                             | 6                       |                             | <5                      |                             | <0.2                      |
| 121407             |                              | 55                      |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 121408             |                              | 12                      | 8                           | <5                      | <5                          | <5                      | <5                          | <0.2                      |
| 121409             |                              | 58                      |                             | 5                       |                             | 8                       |                             | <0.2                      |
| 121410             |                              | 45                      |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 121411             |                              | 57                      |                             | 23                      |                             | 23                      |                             | <0.2                      |



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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23268</b>                |
|                                          | Your order number : <b>GCL-08-66</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>63</b>  |

| Designation | Au<br>FA-GRAV<br>g/t<br>0.03 | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 |
|-------------|------------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|
| 121412      |                              | 32                      |                             | 7                       |                             | 17                      |                             | <0.2                      |
| 121413      |                              | 28                      |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 121414      |                              | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 121415      |                              | 95                      |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 121416      |                              | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 121417      |                              | 101                     |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 121418      |                              | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 121419      |                              | 52                      |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 121420      |                              | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      |
| 121421      |                              | 97                      |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 121422      |                              | <5                      |                             | 5                       |                             | 10                      |                             | <0.2                      |
| 121423      |                              | 20                      |                             | 5                       |                             | 5                       |                             | <0.2                      |
| 121424      |                              | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 121425      |                              | 10                      |                             | 68                      |                             | 86                      |                             | 0.5                       |
| 121426      |                              | 60                      |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 121427      |                              | 11                      |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 121428      |                              | 22                      |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 121429      |                              | 15                      |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 121430      |                              | 43                      |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 121431      |                              | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23268</b>                |
|                                          | Your order number : <b>GCL-08-66</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>63</b>  |

| <u>Designation</u> | Au<br>FA-GRAV<br>g/t<br>0.03 | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 |
|--------------------|------------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|
| 121432             |                              | 9                       | 9                           | <5                      | <5                          | <5                      | <5                          | <0.2                      |
| 121433             |                              | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 121434             |                              | 53                      |                             | 6                       |                             | 7                       |                             | <0.2                      |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23268</b>                |
|                                          | Your order number : <b>GCL-08-66</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>63</b>  |

| Designation | Ag-Dup<br>AAT-7<br>ppm<br>0.2 | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 |
|-------------|-------------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|
| 121371      | <0.2                          | 35                      | 34                          | 1818                    | 1805                        | 26                      | 25                          | 16                      |
| 121372      |                               | 32                      |                             | 1808                    |                             | 26                      |                             | 16                      |
| 121373      |                               | 41                      |                             | 1839                    |                             | 28                      |                             | 18                      |
| 121374      |                               | 33                      |                             | 1695                    |                             | 25                      |                             | 16                      |
| 121375      |                               | 1905                    |                             | ----- >DL               |                             | 90                      |                             | 53                      |
| 121376      |                               | 29                      |                             | 1430                    |                             | 24                      |                             | 14                      |
| 121377      |                               | 35                      |                             | 1816                    |                             | 25                      |                             | 16                      |
| 121378      |                               | 31                      |                             | 1632                    |                             | 26                      |                             | 14                      |
| 121379      |                               | 56                      |                             | 1028                    |                             | 17                      |                             | 18                      |
| 121380      |                               | 69                      |                             | 278                     |                             | 16                      |                             | 23                      |
| 121381      |                               | 1064                    |                             | 361                     |                             | 23                      |                             | 14                      |
| 121382      |                               | 259                     |                             | 266                     |                             | 22                      |                             | 10                      |
| 121383      | <0.2                          | 191                     | 186                         | 293                     | 281                         | 20                      | 17                          | 9                       |
| 121384      |                               | 54                      |                             | 1085                    |                             | 27                      |                             | 13                      |
| 121385      |                               | 67                      |                             | 1478                    |                             | 39                      |                             | 17                      |
| 121386      |                               | 64                      |                             | 1308                    |                             | 35                      |                             | 16                      |
| 121387      |                               | 47                      |                             | 1393                    |                             | 30                      |                             | 14                      |
| 121388      |                               | 43                      |                             | 1263                    |                             | 29                      |                             | 12                      |
| 121389      |                               | 41                      |                             | 1643                    |                             | 26                      |                             | 12                      |
| 121390      |                               | 57                      |                             | 1583                    |                             | 30                      |                             | 13                      |

>DL Value greater than detection limit

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23268</b>                |
|                                          | Your order number : <b>GCL-08-66</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>63</b>  |

| <u>Designation</u> | Ag-Dup<br>AAT-7<br>ppm<br>0.2 | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|
| 121391             |                               | 50                      |                             | 1724                    |                             | 26                      |                             | 13                      |
| 121392             |                               | 46                      |                             | 1698                    |                             | 21                      |                             | 9                       |
| 121393             |                               | 51                      |                             | 2058                    |                             | 22                      |                             | 11                      |
| 121394             |                               | 41                      |                             | 1559                    |                             | 19                      |                             | 9                       |
| 121395             | <0.2                          | 55                      | 49                          | 1763                    | 1696                        | 30                      | 26                          | 14                      |
| 121396             |                               | 54                      |                             | 2009                    |                             | 26                      |                             | 12                      |
| 121397             |                               | 68                      |                             | 2697                    |                             | 31                      |                             | 15                      |
| 121398             |                               | 59                      |                             | 1958                    |                             | 29                      |                             | 14                      |
| 121399             |                               | 62                      |                             | 1694                    |                             | 28                      |                             | 14                      |
| 121401             |                               | 102                     |                             | 1600                    |                             | 55                      |                             | 18                      |
| 121402             |                               | 73                      |                             | 1653                    |                             | 29                      |                             | 14                      |
| 121403             |                               | 83                      |                             | 1578                    |                             | 48                      |                             | 16                      |
| 121404             |                               | 78                      |                             | 1195                    |                             | 55                      |                             | 15                      |
| 121405             |                               | 103                     |                             | 1254                    |                             | 38                      |                             | 15                      |
| 121406             |                               | 120                     |                             | 999                     |                             | 31                      |                             | 12                      |
| 121407             |                               | 98                      |                             | 1576                    |                             | 51                      |                             | 15                      |
| 121408             | <0.2                          | 210                     | 202                         | 1051                    | 1084                        | 46                      | 43                          | 15                      |
| 121409             |                               | 107                     |                             | 1795                    |                             | 65                      |                             | 21                      |
| 121410             |                               | 132                     |                             | 1740                    |                             | 60                      |                             | 18                      |
| 121411             |                               | 230                     |                             | 1632                    |                             | 29                      |                             | 12                      |

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| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23268</b>                |
|                                          | Your order number : <b>GCL-08-66</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>63</b>  |

| <u>Designation</u> | Ag-Dup<br>AAT-7<br>ppm<br>0.2 | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|
| 121412             |                               | 246                     |                             | 2127                    |                             | 37                      |                             | 15                      |
| 121413             |                               | 306                     |                             | 1446                    |                             | 64                      |                             | 17                      |
| 121414             |                               | 133                     |                             | 1523                    |                             | 46                      |                             | 19                      |
| 121415             |                               | 97                      |                             | 1430                    |                             | 42                      |                             | 18                      |
| 121416             |                               | 98                      |                             | 1417                    |                             | 46                      |                             | 17                      |
| 121417             |                               | 93                      |                             | 1438                    |                             | 44                      |                             | 16                      |
| 121418             |                               | 84                      |                             | 1447                    |                             | 43                      |                             | 16                      |
| 121419             |                               | 85                      |                             | 1434                    |                             | 39                      |                             | 17                      |
| 121420             | <0.2                          | 87                      | 84                          | 1446                    | 1381                        | 48                      | 45                          | 18                      |
| 121421             |                               | 77                      |                             | 1268                    |                             | 47                      |                             | 16                      |
| 121422             |                               | 77                      |                             | 1108                    |                             | 38                      |                             | 12                      |
| 121423             |                               | 118                     |                             | 1158                    |                             | 43                      |                             | 13                      |
| 121424             |                               | 110                     |                             | 967                     |                             | 43                      |                             | 13                      |
| 121425             |                               | 2597                    |                             | ----- >DL               |                             | 83                      |                             | 31                      |
| 121426             |                               | 106                     |                             | 1092                    |                             | 41                      |                             | 14                      |
| 121427             |                               | 92                      |                             | 1100                    |                             | 39                      |                             | 11                      |
| 121428             |                               | 91                      |                             | 1108                    |                             | 36                      |                             | 11                      |
| 121429             |                               | 84                      |                             | 1187                    |                             | 27                      |                             | 11                      |
| 121430             |                               | 83                      |                             | 1166                    |                             | 29                      |                             | 10                      |
| 121431             |                               | 70                      |                             | 1034                    |                             | 29                      |                             | 7                       |

>DL Value greater than detection limit

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23268</b>                |
|                                          | Your order number : <b>GCL-08-66</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>63</b>  |

| <u>Designation</u> | Ag-Dup<br>AAT-7<br>ppm<br>0.2 | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|
| 121432             | <0.2                          | 89                      | 98                          | 974                     | 971                         | 32                      | 29                          | 9                       |
| 121433             |                               | 57                      |                             | 544                     |                             | 45                      |                             | 11                      |
| 121434             |                               | 55                      |                             | 508                     |                             | 53                      |                             | 12                      |

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| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23268</b>                |
|                                          | Your order number : <b>GCL-08-66</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>63</b>  |

| <u>Designation</u> | Pb-Dup<br>AAT-7<br>ppm<br>2 | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 |
|--------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|
| 121371             | 14                          | 75                      | 73                          |                           |
| 121372             |                             | 73                      |                             |                           |
| 121373             |                             | 80                      |                             |                           |
| 121374             |                             | 72                      |                             |                           |
| 121375             |                             | 408                     |                             | 2.050                     |
| 121376             |                             | 66                      |                             |                           |
| 121377             |                             | 80                      |                             |                           |
| 121378             |                             | 68                      |                             |                           |
| 121379             |                             | 56                      |                             |                           |
| 121380             |                             | 30                      |                             |                           |
| 121381             |                             | 57                      |                             |                           |
| 121382             |                             | 47                      |                             |                           |
| 121383             | 8                           | 40                      | 38                          |                           |
| 121384             |                             | 63                      |                             |                           |
| 121385             |                             | 100                     |                             |                           |
| 121386             |                             | 76                      |                             |                           |
| 121387             |                             | 76                      |                             |                           |
| 121388             |                             | 74                      |                             |                           |
| 121389             |                             | 78                      |                             |                           |
| 121390             |                             | 78                      |                             |                           |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23268</b>                |
|                                          | Your order number : <b>GCL-08-66</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>63</b>  |

| <u>Designation</u> | Pb-Dup<br>AAT-7<br>ppm<br>2 | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 |
|--------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|
| 121391             |                             | 80                      |                             |                           |
| 121392             |                             | 79                      |                             |                           |
| 121393             |                             | 90                      |                             |                           |
| 121394             |                             | 70                      |                             |                           |
| 121395             | 10                          | 81                      | 79                          |                           |
| 121396             |                             | 83                      |                             |                           |
| 121397             |                             | 110                     |                             |                           |
| 121398             |                             | 94                      |                             |                           |
| 121399             |                             | 86                      |                             |                           |
| 121401             |                             | 85                      |                             |                           |
| 121402             |                             | 86                      |                             |                           |
| 121403             |                             | 81                      |                             |                           |
| 121404             |                             | 72                      |                             |                           |
| 121405             |                             | 73                      |                             |                           |
| 121406             |                             | 56                      |                             |                           |
| 121407             |                             | 80                      |                             |                           |
| 121408             | 15                          | 59                      | 60                          |                           |
| 121409             |                             | 80                      |                             |                           |
| 121410             |                             | 77                      |                             |                           |
| 121411             |                             | 94                      |                             |                           |



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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23268</b>                |
|                                          | Your order number : <b>GCL-08-66</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>63</b>  |

| <u>Designation</u> | Pb-Dup<br>AAT-7<br>ppm<br>2 | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 |
|--------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|
| 121412             |                             | 104                     |                             |                           |
| 121413             |                             | 93                      |                             |                           |
| 121414             |                             | 86                      |                             |                           |
| 121415             |                             | 89                      |                             |                           |
| 121416             |                             | 87                      |                             |                           |
| 121417             |                             | 87                      |                             |                           |
| 121418             |                             | 84                      |                             |                           |
| 121419             |                             | 89                      |                             |                           |
| 121420             | 17                          | 84                      | 77                          |                           |
| 121421             |                             | 76                      |                             |                           |
| 121422             |                             | 66                      |                             |                           |
| 121423             |                             | 72                      |                             |                           |
| 121424             |                             | 65                      |                             |                           |
| 121425             |                             | 212                     |                             | 1.320                     |
| 121426             |                             | 70                      |                             |                           |
| 121427             |                             | 68                      |                             |                           |
| 121428             |                             | 67                      |                             |                           |
| 121429             |                             | 68                      |                             |                           |
| 121430             |                             | 68                      |                             |                           |
| 121431             |                             | 64                      |                             |                           |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23268</b>                |
|                                          | Your order number : <b>GCL-08-66</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>63</b>  |

| <u>Designation</u> | Pb-Dup<br>AAT-7<br>ppm<br>2 | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 |
|--------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|
| 121432             | 10                          | 64                      | 60                          |                           |
| 121433             |                             | 53                      |                             |                           |
| 121434             |                             | 49                      |                             |                           |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23267</b>                |
|                                          | Your order number : <b>GCL-08-66</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>65</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 121306             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 121307             | 8                       |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121308             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121309             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121310             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121311             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121312             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121313             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121314             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121315             | 31                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121316             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121317             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121318             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 121319             | <5                      |                             | 7                       |                             | 6                       |                             | <0.2                      |                               |
| 121320             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121321             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121322             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121323             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121324             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121325             | 11                      |                             | 74                      |                             | 76                      |                             | 0.6                       |                               |



Joe Landers, Manager

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23267</b>                |
|                                          | Your order number : <b>GCL-08-66</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>65</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 121326             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121327             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121328             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121329             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121330             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 121331             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121332             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121333             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121334             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121335             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121336             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121337             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121338             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121339             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121340             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121341             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121342             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 121343             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121344             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121345             | <5                      |                             | 25                      |                             | 46                      |                             | <0.2                      |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23267</b>                |
|                                          | Your order number : <b>GCL-08-66</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>65</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 121346             | <5                      |                             | 73                      |                             | 158                     |                             | 0.3                       |                               |
| 121347             | <5                      |                             | 16                      |                             | 38                      |                             | <0.2                      |                               |
| 121348             | <5                      |                             | 24                      |                             | 48                      |                             | <0.2                      |                               |
| 121349             | <5                      |                             | 9                       |                             | 14                      |                             | <0.2                      |                               |
| 121350             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121351             | <5                      |                             | 7                       |                             | 14                      |                             | <0.2                      |                               |
| 121352             | 24                      |                             | 7                       |                             | 9                       |                             | <0.2                      |                               |
| 121353             | 209                     |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121354             | 11                      | 8                           | 6                       | 7                           | 14                      | 18                          | <0.2                      | <0.2                          |
| 121355             | <5                      |                             | 16                      |                             | 22                      |                             | <0.2                      |                               |
| 121356             | <5                      |                             | 8                       |                             | 25                      |                             | <0.2                      |                               |
| 121357             | <5                      |                             | 11                      |                             | 9                       |                             | <0.2                      |                               |
| 121358             | <5                      |                             | 16                      |                             | 40                      |                             | <0.2                      |                               |
| 121359             | <5                      |                             | 7                       |                             | 7                       |                             | <0.2                      |                               |
| 121360             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121361             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121362             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121363             | 16                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121364             | 30                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121365             | 11                      |                             | <5                      |                             | 9                       |                             | <0.2                      |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23267</b>                |
|                                          | Your order number : <b>GCL-08-66</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>65</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 121366             | 19                      | 15                          | <5                      | <5                          | <5                      | 7                           | <0.2                      | <0.2                          |
| 121367             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121368             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121369             | 44                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121370             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23267</b>                |
|                                          | Your order number : <b>GCL-08-66</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>65</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 121306             | 65                      | 58                          | 1741                    | 1731                        | 83                      | 80                          | 18                      | 14                          |
| 121307             | 74                      |                             | 1672                    |                             | 87                      |                             | 23                      |                             |
| 121308             | 62                      |                             | 1809                    |                             | 43                      |                             | 18                      |                             |
| 121309             | 58                      |                             | 1847                    |                             | 41                      |                             | 17                      |                             |
| 121310             | 57                      |                             | 1875                    |                             | 40                      |                             | 15                      |                             |
| 121311             | 63                      |                             | 1849                    |                             | 42                      |                             | 17                      |                             |
| 121312             | 68                      |                             | 1801                    |                             | 77                      |                             | 14                      |                             |
| 121313             | 123                     |                             | 818                     |                             | 91                      |                             | 15                      |                             |
| 121314             | 126                     |                             | 894                     |                             | 102                     |                             | 14                      |                             |
| 121315             | 44                      |                             | 55                      |                             | 40                      |                             | 6                       |                             |
| 121316             | 85                      |                             | 847                     |                             | 106                     |                             | 15                      |                             |
| 121317             | 120                     |                             | 1537                    |                             | 64                      |                             | 7                       |                             |
| 121318             | 110                     | 107                         | 1206                    | 1245                        | 56                      | 57                          | 9                       | 8                           |
| 121319             | 97                      |                             | 612                     |                             | 89                      |                             | 12                      |                             |
| 121320             | 107                     |                             | 725                     |                             | 142                     |                             | 10                      |                             |
| 121321             | 134                     |                             | 1046                    |                             | 321                     |                             | 12                      |                             |
| 121322             | 373                     |                             | 1009                    |                             | 228                     |                             | 11                      |                             |
| 121323             | 273                     |                             | 1005                    |                             | 107                     |                             | 12                      |                             |
| 121324             | 266                     |                             | 1526                    |                             | 70                      |                             | 13                      |                             |
| 121325             | 1888                    |                             | ----- >DL               |                             | 86                      |                             | 49                      |                             |

>DL Value greater than detection limit

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23267</b>                |
|                                          | Your order number : <b>GCL-08-66</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>65</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 121326             | 89                      |                             | 1590                    |                             | 54                      |                             | 15                      |                             |
| 121327             | 88                      |                             | 1570                    |                             | 48                      |                             | 15                      |                             |
| 121328             | 68                      |                             | 1560                    |                             | 55                      |                             | 16                      |                             |
| 121329             | 55                      |                             | 1421                    |                             | 42                      |                             | 13                      |                             |
| 121330             | 73                      | 68                          | 1649                    | 1657                        | 42                      | 36                          | 21                      | 19                          |
| 121331             | 67                      |                             | 1644                    |                             | 28                      |                             | 18                      |                             |
| 121332             | 63                      |                             | 1664                    |                             | 28                      |                             | 14                      |                             |
| 121333             | 81                      |                             | 1729                    |                             | 26                      |                             | 14                      |                             |
| 121334             | 66                      |                             | 1690                    |                             | 29                      |                             | 15                      |                             |
| 121335             | 64                      |                             | 1807                    |                             | 29                      |                             | 15                      |                             |
| 121336             | 59                      |                             | 1846                    |                             | 28                      |                             | 16                      |                             |
| 121337             | 59                      |                             | 1890                    |                             | 30                      |                             | 14                      |                             |
| 121338             | 67                      |                             | 1721                    |                             | 26                      |                             | 14                      |                             |
| 121339             | 60                      |                             | 1768                    |                             | 28                      |                             | 15                      |                             |
| 121340             | 60                      |                             | 1756                    |                             | 24                      |                             | 13                      |                             |
| 121341             | 61                      |                             | 1730                    |                             | 26                      |                             | 15                      |                             |
| 121342             | 52                      | 52                          | 1843                    | 1847                        | 27                      | 26                          | 14                      | 15                          |
| 121343             | 71                      |                             | 1655                    |                             | 26                      |                             | 18                      |                             |
| 121344             | 100                     |                             | 1932                    |                             | 28                      |                             | 17                      |                             |
| 121345             | 157                     |                             | 4970                    |                             | 30                      |                             | 16                      |                             |



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|                                          |                                      |
|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23267</b>                |
|                                          | Your order number : <b>GCL-08-66</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>65</b>  |

| Designation | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|-------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 121346      | 385                     |                             | ----- >DL               |                             | 26                      |                             | 19                      |                             |
| 121347      | 101                     |                             | 3128                    |                             | 26                      |                             | 16                      |                             |
| 121348      | 100                     |                             | 3452                    |                             | 25                      |                             | 18                      |                             |
| 121349      | 94                      |                             | 3032                    |                             | 23                      |                             | 13                      |                             |
| 121350      | 7                       |                             | 96                      |                             | 3                       |                             | <2                      |                             |
| 121351      | 89                      |                             | 2644                    |                             | 20                      |                             | 14                      |                             |
| 121352      | 85                      |                             | 2572                    |                             | 24                      |                             | 13                      |                             |
| 121353      | 53                      |                             | 2380                    |                             | 22                      |                             | 13                      |                             |
| 121354      | 70                      | 71                          | 2486                    | 2495                        | 18                      | 19                          | 13                      | 13                          |
| 121355      | 71                      |                             | 2425                    |                             | 18                      |                             | 14                      |                             |
| 121356      | 61                      |                             | 2489                    |                             | 17                      |                             | 14                      |                             |
| 121357      | 109                     |                             | 2446                    |                             | 17                      |                             | 18                      |                             |
| 121358      | 85                      |                             | 3105                    |                             | 18                      |                             | 14                      |                             |
| 121359      | 46                      |                             | 1919                    |                             | 21                      |                             | 14                      |                             |
| 121360      | 58                      |                             | 2054                    |                             | 25                      |                             | 15                      |                             |
| 121361      | 44                      |                             | 2009                    |                             | 20                      |                             | 13                      |                             |
| 121362      | 58                      |                             | 1874                    |                             | 18                      |                             | 14                      |                             |
| 121363      | 73                      |                             | 1985                    |                             | 19                      |                             | 14                      |                             |
| 121364      | 52                      |                             | 1590                    |                             | 19                      |                             | 14                      |                             |
| 121365      | 52                      |                             | 1989                    |                             | 20                      |                             | 13                      |                             |

>DL Value greater than detection limit

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23267</b>                |
|                                          | Your order number : <b>GCL-08-66</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>65</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| <b>121366</b>      | 59                      | 58                          | 2025                    | 2018                        | 22                      | 21                          | 14                      | 14                          |
| <b>121367</b>      | 59                      |                             | 2091                    |                             | 20                      |                             | 14                      |                             |
| <b>121368</b>      | 67                      |                             | 1986                    |                             | 22                      |                             | 38                      |                             |
| <b>121369</b>      | 46                      |                             | 1796                    |                             | 21                      |                             | 18                      |                             |
| <b>121370</b>      | 53                      |                             | 1773                    |                             | 22                      |                             | 16                      |                             |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23267</b>                |
|                                          | Your order number : <b>GCL-08-66</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>65</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|
| 121306             | 83                      | 83                          |                           |
| 121307             | 82                      |                             |                           |
| 121308             | 82                      |                             |                           |
| 121309             | 85                      |                             |                           |
| 121310             | 84                      |                             |                           |
| 121311             | 83                      |                             |                           |
| 121312             | 91                      |                             |                           |
| 121313             | 66                      |                             |                           |
| 121314             | 78                      |                             |                           |
| 121315             | 16                      |                             |                           |
| 121316             | 67                      |                             |                           |
| 121317             | 83                      |                             |                           |
| 121318             | 72                      | 75                          |                           |
| 121319             | 64                      |                             |                           |
| 121320             | 73                      |                             |                           |
| 121321             | 82                      |                             |                           |
| 121322             | 80                      |                             |                           |
| 121323             | 67                      |                             |                           |
| 121324             | 86                      |                             |                           |
| 121325             | 387                     |                             | 2.020                     |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23267</b>                |
|                                          | Your order number : <b>GCL-08-66</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>65</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|
| 121326             | 78                      |                             |                           |
| 121327             | 76                      |                             |                           |
| 121328             | 80                      |                             |                           |
| 121329             | 78                      |                             |                           |
| 121330             | 83                      | 79                          |                           |
| 121331             | 75                      |                             |                           |
| 121332             | 76                      |                             |                           |
| 121333             | 82                      |                             |                           |
| 121334             | 75                      |                             |                           |
| 121335             | 78                      |                             |                           |
| 121336             | 73                      |                             |                           |
| 121337             | 74                      |                             |                           |
| 121338             | 68                      |                             |                           |
| 121339             | 73                      |                             |                           |
| 121340             | 69                      |                             |                           |
| 121341             | 71                      |                             |                           |
| 121342             | 68                      | 68                          |                           |
| 121343             | 63                      |                             |                           |
| 121344             | 78                      |                             |                           |
| 121345             | 111                     |                             |                           |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23267</b>                |
|                                          | Your order number : <b>GCL-08-66</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>65</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|
| 121346             | 164                     |                             | 1.140                     |
| 121347             | 83                      |                             |                           |
| 121348             | 89                      |                             |                           |
| 121349             | 83                      |                             |                           |
| 121350             | 5                       |                             |                           |
| 121351             | 81                      |                             |                           |
| 121352             | 76                      |                             |                           |
| 121353             | 66                      |                             |                           |
| 121354             | 66                      | 67                          |                           |
| 121355             | 67                      |                             |                           |
| 121356             | 69                      |                             |                           |
| 121357             | 71                      |                             |                           |
| 121358             | 84                      |                             |                           |
| 121359             | 67                      |                             |                           |
| 121360             | 72                      |                             |                           |
| 121361             | 73                      |                             |                           |
| 121362             | 70                      |                             |                           |
| 121363             | 78                      |                             |                           |
| 121364             | 67                      |                             |                           |
| 121365             | 78                      |                             |                           |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23267</b>                |
|                                          | Your order number : <b>GCL-08-66</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>65</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|
| 121366             | 85                      | 83                          |                           |
| 121367             | 90                      |                             |                           |
| 121368             | 84                      |                             |                           |
| 121369             | 76                      |                             |                           |
| 121370             | 77                      |                             |                           |

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|                                          |                                      |
|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23217</b>                |
|                                          | Your order number : <b>GCL-08-65</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>32</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 118733             | 16                      | 20                          | 617                     | 622                         | 929                     | 954                         | 0.8                       | 0.7                           |
| 118734             | <5                      |                             | 137                     |                             | 308                     |                             | 0.6                       |                               |
| 118735             | <5                      |                             | 26                      |                             | 109                     |                             | 0.6                       |                               |
| 118736             | <5                      |                             | 11                      |                             | 19                      |                             | 0.5                       |                               |
| 118737             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118738             | <5                      |                             | 33                      |                             | 62                      |                             | 0.5                       |                               |
| 118739             | <5                      |                             | 67                      |                             | 193                     |                             | 0.5                       |                               |
| 118740             | <5                      |                             | 54                      |                             | 147                     |                             | 0.5                       |                               |
| 118741             | <5                      |                             | 30                      |                             | 71                      |                             | 0.6                       |                               |
| 118742             | <5                      |                             | 36                      |                             | 77                      |                             | 1.3                       |                               |
| 118743             | <5                      |                             | 33                      |                             | 88                      |                             | 0.7                       |                               |
| 118744             | <5                      |                             | 60                      |                             | 169                     |                             | 0.8                       |                               |
| 118745             | <5                      | <5                          | 80                      | 72                          | 198                     | 187                         | 0.8                       | 0.7                           |
| 118746             | 219                     |                             | 100                     |                             | 187                     |                             | 0.8                       |                               |
| 118747             | 36                      |                             | 368                     |                             | 850                     |                             | 1.5                       |                               |
| 118748             | <5                      |                             | 163                     |                             | 338                     |                             | 1.2                       |                               |
| 118749             | <5                      |                             | 47                      |                             | 105                     |                             | 0.4                       |                               |
| 118750             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118751             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118752             | <5                      |                             | 20                      |                             | 40                      |                             | <0.2                      |                               |

Joe Landers, Manager

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23217</b>                |
|                                          | Your order number : <b>GCL-08-65</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>32</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 118753             | <5                      |                             | 30                      |                             | 66                      |                             | 0.4                       |                               |
| 118754             | 6                       |                             | 22                      |                             | 39                      |                             | 0.4                       |                               |
| 118755             | <5                      |                             | 5                       |                             | 11                      |                             | <0.2                      |                               |
| 118756             | 205                     |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118757             | 14                      | 10                          | <5                      | <5                          | <5                      | <5                          | 0.3                       | 0.3                           |
| 118758             | <5                      |                             | <5                      |                             | <5                      |                             | 0.3                       |                               |
| 118759             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118760             | <5                      |                             | <5                      |                             | <5                      |                             | 0.3                       |                               |
| 118761             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118762             | <5                      |                             | 25                      |                             | 21                      |                             | <0.2                      |                               |
| 118763             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118764             | <5                      |                             | 11                      |                             | 7                       |                             | <0.2                      |                               |



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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23217</b>                |
|                                          | Your order number : <b>GCL-08-65</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>32</b>  |

| Designation | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|-------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 118733      | 1009                    | 1016                        | ----- >DL               | ----- >DL                   | 25                      | 20                          | 12                      | 13                          |
| 118734      | 417                     |                             | 8721                    |                             | 26                      |                             | 14                      |                             |
| 118735      | 750                     |                             | ----- >DL               |                             | 31                      |                             | 19                      |                             |
| 118736      | 592                     |                             | 3051                    |                             | 35                      |                             | 24                      |                             |
| 118737      | 380                     |                             | 1571                    |                             | 33                      |                             | 24                      |                             |
| 118738      | 138                     |                             | 3182                    |                             | 34                      |                             | 23                      |                             |
| 118739      | 324                     |                             | 9441                    |                             | 30                      |                             | 25                      |                             |
| 118740      | 246                     |                             | 8876                    |                             | 29                      |                             | 24                      |                             |
| 118741      | 227                     |                             | 4334                    |                             | 32                      |                             | 25                      |                             |
| 118742      | 1113                    |                             | ----- >DL               |                             | 27                      |                             | 25                      |                             |
| 118743      | 872                     |                             | 9836                    |                             | 30                      |                             | 25                      |                             |
| 118744      | 878                     |                             | ----- >DL               |                             | 33                      |                             | 25                      |                             |
| 118745      | 1202                    | 1219                        | ----- >DL               | ----- >DL                   | 25                      | 25                          | 25                      | 25                          |
| 118746      | 927                     |                             | 9140                    |                             | 30                      |                             | 22                      |                             |
| 118747      | 912                     |                             | ----- >DL               |                             | 25                      |                             | 25                      |                             |
| 118748      | 1025                    |                             | ----- >DL               |                             | 35                      |                             | 22                      |                             |
| 118749      | 147                     |                             | 3533                    |                             | 26                      |                             | 24                      |                             |
| 118750      | 18                      |                             | 37                      |                             | 3                       |                             | 2                       |                             |
| 118751      | 62                      |                             | 1703                    |                             | 25                      |                             | 23                      |                             |
| 118752      | 81                      |                             | 2884                    |                             | 23                      |                             | 21                      |                             |

>DL Value greater than detection limit

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23217</b>                |
|                                          | Your order number : <b>GCL-08-65</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>32</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 118753             | 153                     |                             | 5621                    |                             | 22                      |                             | 22                      |                             |
| 118754             | 83                      |                             | 2063                    |                             | 22                      |                             | 20                      |                             |
| 118755             | 68                      |                             | 1901                    |                             | 20                      |                             | 19                      |                             |
| 118756             | 61                      |                             | 1755                    |                             | 18                      |                             | 22                      |                             |
| 118757             | 74                      | 77                          | 1715                    | 1754                        | 19                      | 19                          | 22                      | 22                          |
| 118758             | 62                      |                             | 1924                    |                             | 20                      |                             | 22                      |                             |
| 118759             | 56                      |                             | 1770                    |                             | 19                      |                             | 20                      |                             |
| 118760             | 56                      |                             | 1591                    |                             | 22                      |                             | 20                      |                             |
| 118761             | 48                      |                             | 1366                    |                             | 21                      |                             | 19                      |                             |
| 118762             | 49                      |                             | 1399                    |                             | 21                      |                             | 19                      |                             |
| 118763             | 48                      |                             | 1459                    |                             | 22                      |                             | 19                      |                             |
| 118764             | 50                      |                             | 1291                    |                             | 23                      |                             | 21                      |                             |

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| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23217</b>                |
|                                          | Your order number : <b>GCL-08-65</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>32</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 118733             | 198                     | 188                         | 2.530                     | 2.500                         |
| 118734             | 76                      |                             | 0.870                     |                               |
| 118735             | 147                     |                             | 1.810                     |                               |
| 118736             | 71                      |                             |                           |                               |
| 118737             | 91                      |                             |                           |                               |
| 118738             | 99                      |                             |                           |                               |
| 118739             | 103                     |                             | 0.960                     |                               |
| 118740             | 109                     |                             | 0.880                     |                               |
| 118741             | 93                      |                             |                           |                               |
| 118742             | 266                     |                             | 2.200                     |                               |
| 118743             | 159                     |                             | 1.000                     |                               |
| 118744             | 161                     |                             | 1.260                     |                               |
| 118745             | 149                     | 149                         | 1.270                     | 1.270                         |
| 118746             | 123                     |                             | 0.910                     |                               |
| 118747             | 393                     |                             | 3.890                     |                               |
| 118748             | 237                     |                             | 2.190                     |                               |
| 118749             | 80                      |                             |                           |                               |
| 118750             | 9                       |                             |                           |                               |
| 118751             | 71                      |                             |                           |                               |
| 118752             | 81                      |                             |                           |                               |

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Date : 2008/08/27

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|                                          |                                      |
|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23217</b>                |
|                                          | Your order number : <b>GCL-08-65</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>32</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 118753             | 125                     |                             | 0.540                     |                               |
| 118754             | 70                      |                             |                           |                               |
| 118755             | 74                      |                             |                           |                               |
| 118756             | 77                      |                             |                           |                               |
| 118757             | 72                      | 76                          |                           |                               |
| 118758             | 83                      |                             |                           |                               |
| 118759             | 79                      |                             |                           |                               |
| 118760             | 74                      |                             |                           |                               |
| 118761             | 66                      |                             |                           |                               |
| 118762             | 71                      |                             |                           |                               |
| 118763             | 74                      |                             |                           |                               |
| 118764             | 63                      |                             |                           |                               |

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|                                          |                                      |
|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23202</b>                |
|                                          | Your order number : <b>GCL-08-62</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>97</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 121018             | 5                       | <5                          | 5                       | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 121019             | 9                       |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121020             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121021             | 7                       |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121022             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121023             | 8                       |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121024             | 42                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121025             | 12                      |                             | 70                      |                             | 88                      |                             | 0.6                       |                               |
| 121026             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121027             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121028             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121029             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121030             | 139                     | 128                         | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 121031             | 818                     |                             | 10                      |                             | 14                      |                             | <0.2                      |                               |
| 121032             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121033             | 293                     |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121034             | 59                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121035             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121036             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121037             | 14                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |



Joe Landers, Manager

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23202</b>                |
|                                          | Your order number : <b>GCL-08-62</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>97</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 121038             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121039             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121040             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121041             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121042             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 121043             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121044             | 17                      |                             | 7                       |                             | 11                      |                             | <0.2                      |                               |
| 121045             | 5                       |                             | 8                       |                             | 7                       |                             | <0.2                      |                               |
| 121046             | 9                       |                             | 13                      |                             | 10                      |                             | <0.2                      |                               |
| 121047             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121048             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121049             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121050             | 8                       |                             | 70                      |                             | 84                      |                             | 0.5                       |                               |
| 121051             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121052             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121053             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121054             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 121055             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121056             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121057             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |

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|                                          |                                      |
|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23202</b>                |
|                                          | Your order number : <b>GCL-08-62</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>97</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 121058             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121059             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121060             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121061             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121062             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121063             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121064             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121065             | 75                      |                             | 88                      |                             | 144                     |                             | <0.2                      |                               |
| 121066             | <5                      | <5                          | 28                      | 24                          | 61                      | 56                          | <0.2                      | <0.2                          |
| 121067             | <5                      |                             | 43                      |                             | 116                     |                             | <0.2                      |                               |
| 121068             | <5                      |                             | 11                      |                             | 28                      |                             | <0.2                      |                               |
| 121069             | <5                      |                             | 8                       |                             | 27                      |                             | <0.2                      |                               |
| 121070             | <5                      |                             | 13                      |                             | 35                      |                             | <0.2                      |                               |
| 121071             | 15                      |                             | 70                      |                             | 97                      |                             | <0.2                      |                               |
| 121072             | <5                      |                             | 49                      |                             | 125                     |                             | <0.2                      |                               |
| 121073             | 16                      |                             | 100                     |                             | 226                     |                             | 0.4                       |                               |
| 121074             | 214                     |                             | 182                     |                             | 410                     |                             | <0.2                      |                               |
| 121075             | 8                       |                             | 78                      |                             | 80                      |                             | 0.5                       |                               |
| 121076             | 124                     |                             | 116                     |                             | 308                     |                             | 0.4                       |                               |
| 121077             | 231                     |                             | 62                      |                             | 166                     |                             | <0.2                      |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23202</b>                |
|                                          | Your order number : <b>GCL-08-62</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>97</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 121078             | <5                      | <5                          | 59                      | 52                          | 163                     | 160                         | 0.3                       | 0.4                           |
| 121079             | <5                      |                             | 122                     |                             | 271                     |                             | 0.3                       |                               |
| 121080             | 167                     |                             | 153                     |                             | 372                     |                             | 0.4                       |                               |
| 121081             | 24                      |                             | 151                     |                             | 400                     |                             | 0.5                       |                               |
| 121082             | <5                      |                             | 78                      |                             | 174                     |                             | <0.2                      |                               |
| 121083             | <5                      |                             | 57                      |                             | 96                      |                             | <0.2                      |                               |
| 121084             | <5                      |                             | 150                     |                             | 403                     |                             | <0.2                      |                               |
| 121085             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121086             | <5                      |                             | 26                      |                             | 46                      |                             | <0.2                      |                               |
| 121087             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121088             | <5                      |                             | 12                      |                             | 10                      |                             | <0.2                      |                               |
| 121089             | <5                      |                             | 10                      |                             | 10                      |                             | <0.2                      |                               |
| 121090             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 121091             | <5                      |                             | <5                      |                             | <5                      |                             | 0.5                       |                               |
| 121092             | <5                      |                             | <5                      |                             | <5                      |                             | 0.7                       |                               |
| 121093             | 6                       |                             | 8                       |                             | 13                      |                             | 0.6                       |                               |
| 121094             | 18                      |                             | <5                      |                             | <5                      |                             | 1.6                       |                               |
| 121095             | <5                      |                             | <5                      |                             | <5                      |                             | 1.2                       |                               |
| 121096             | 28                      |                             | 16                      |                             | 108                     |                             | 0.5                       |                               |
| 121097             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |



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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23202</b>                |
|                                          | Your order number : <b>GCL-08-62</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>97</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 121098             | 16                      |                             | 7                       |                             | 31                      |                             | 0.3                       |                               |
| 121099             | <5                      |                             | <5                      |                             | <5                      |                             | 0.2                       |                               |
| 121100             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121101             | <5                      |                             | <5                      |                             | <5                      |                             | 0.4                       |                               |
| 121102             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 121103             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121104             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121105             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121106             | <5                      |                             | 34                      |                             | 105                     |                             | <0.2                      |                               |
| 121107             | <5                      |                             | 30                      |                             | 89                      |                             | <0.2                      |                               |
| 121108             | <5                      |                             | <5                      |                             | 32                      |                             | 0.4                       |                               |
| 121109             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121110             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121111             | <5                      |                             | 9                       |                             | 11                      |                             | <0.2                      |                               |
| 121112             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121113             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121114             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23202</b>                |
|                                          | Your order number : <b>GCL-08-62</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>97</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 121018             | 120                     | 125                         | 1623                    | 1597                        | 56                      | 50                          | 30                      | 28                          |
| 121019             | 103                     |                             | 1529                    |                             | 35                      |                             | 27                      |                             |
| 121020             | 122                     |                             | 1419                    |                             | 38                      |                             | 25                      |                             |
| 121021             | 51                      |                             | 1275                    |                             | 22                      |                             | 13                      |                             |
| 121022             | 58                      |                             | 98                      |                             | 74                      |                             | 27                      |                             |
| 121023             | 75                      |                             | 1296                    |                             | 21                      |                             | 19                      |                             |
| 121024             | 118                     |                             | 1503                    |                             | 34                      |                             | 31                      |                             |
| 121025             | 1893                    |                             | ----- >DL               |                             | 88                      |                             | 52                      |                             |
| 121026             | 120                     |                             | 1905                    |                             | 36                      |                             | 32                      |                             |
| 121027             | 115                     |                             | 1899                    |                             | 38                      |                             | 31                      |                             |
| 121028             | 108                     |                             | 1758                    |                             | 34                      |                             | 33                      |                             |
| 121029             | 111                     |                             | 1767                    |                             | 39                      |                             | 31                      |                             |
| 121030             | 114                     | 120                         | 1726                    | 1711                        | 33                      | 34                          | 29                      | 30                          |
| 121031             | 120                     |                             | 1818                    |                             | 36                      |                             | 30                      |                             |
| 121032             | 121                     |                             | 1590                    |                             | 42                      |                             | 30                      |                             |
| 121033             | 114                     |                             | 1787                    |                             | 39                      |                             | 31                      |                             |
| 121034             | 125                     |                             | 1353                    |                             | 31                      |                             | 30                      |                             |
| 121035             | 124                     |                             | 1644                    |                             | 40                      |                             | 32                      |                             |
| 121036             | 138                     |                             | 1140                    |                             | 26                      |                             | 23                      |                             |
| 121037             | 111                     |                             | 485                     |                             | 100                     |                             | 30                      |                             |

>DL Value greater than detection limit

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| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23202</b>                |
|                                          | Your order number : <b>GCL-08-62</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>97</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 121038             | 107                     |                             | 160                     |                             | 175                     |                             | 37                      |                             |
| 121039             | 95                      |                             | 1260                    |                             | 46                      |                             | 18                      |                             |
| 121040             | 87                      |                             | 1560                    |                             | 37                      |                             | 22                      |                             |
| 121041             | 107                     |                             | 1528                    |                             | 46                      |                             | 28                      |                             |
| 121042             | 123                     | 134                         | 1539                    | 1485                        | 57                      | 52                          | 32                      | 30                          |
| 121043             | 151                     |                             | 1616                    |                             | 60                      |                             | 32                      |                             |
| 121044             | 133                     |                             | 693                     |                             | 48                      |                             | 24                      |                             |
| 121045             | 80                      |                             | 537                     |                             | 80                      |                             | 26                      |                             |
| 121046             | 241                     |                             | 203                     |                             | 90                      |                             | 31                      |                             |
| 121047             | 296                     |                             | 971                     |                             | 55                      |                             | 30                      |                             |
| 121048             | 191                     |                             | 1425                    |                             | 55                      |                             | 33                      |                             |
| 121049             | 136                     |                             | 1669                    |                             | 53                      |                             | 33                      |                             |
| 121050             | 1850                    |                             | ----- >DL               |                             | 82                      |                             | 49                      |                             |
| 121051             | 151                     |                             | 1704                    |                             | 51                      |                             | 32                      |                             |
| 121052             | 142                     |                             | 1472                    |                             | 39                      |                             | 28                      |                             |
| 121053             | 108                     |                             | 1792                    |                             | 38                      |                             | 28                      |                             |
| 121054             | 124                     | 136                         | 1770                    | 1761                        | 39                      | 38                          | 29                      | 29                          |
| 121055             | 101                     |                             | 1507                    |                             | 36                      |                             | 26                      |                             |
| 121056             | 65                      |                             | 706                     |                             | 36                      |                             | 21                      |                             |
| 121057             | 105                     |                             | 1740                    |                             | 38                      |                             | 29                      |                             |

>DL Value greater than detection limit

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23202</b>                |
|                                          | Your order number : <b>GCL-08-62</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>97</b>  |

| Designation | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|-------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 121058      | 106                     |                             | 1552                    |                             | 32                      |                             | 27                      |                             |
| 121059      | 112                     |                             | 1796                    |                             | 37                      |                             | 29                      |                             |
| 121060      | 117                     |                             | 1691                    |                             | 35                      |                             | 30                      |                             |
| 121061      | 128                     |                             | 1972                    |                             | 36                      |                             | 31                      |                             |
| 121062      | 185                     |                             | 1958                    |                             | 32                      |                             | 28                      |                             |
| 121063      | 132                     |                             | 1842                    |                             | 33                      |                             | 30                      |                             |
| 121064      | 110                     |                             | 1937                    |                             | 34                      |                             | 27                      |                             |
| 121065      | 138                     |                             | 3106                    |                             | 36                      |                             | 27                      |                             |
| 121066      | 156                     | 164                         | 3615                    | 3635                        | 29                      | 28                          | 28                      | 32                          |
| 121067      | 228                     |                             | 3821                    |                             | 29                      |                             | 28                      |                             |
| 121068      | 214                     |                             | 3308                    |                             | 32                      |                             | 30                      |                             |
| 121069      | 327                     |                             | 3568                    |                             | 36                      |                             | 33                      |                             |
| 121070      | 161                     |                             | 2930                    |                             | 35                      |                             | 29                      |                             |
| 121071      | 231                     |                             | 7270                    |                             | 36                      |                             | 33                      |                             |
| 121072      | 975                     |                             | ----- >DL               |                             | 33                      |                             | 34                      |                             |
| 121073      | 1606                    |                             | ----- >DL               |                             | 35                      |                             | 33                      |                             |
| 121074      | 2122                    |                             | ----- >DL               |                             | 30                      |                             | 28                      |                             |
| 121075      | 2620                    |                             | ----- >DL               |                             | 83                      |                             | 30                      |                             |
| 121076      | 1715                    |                             | ----- >DL               |                             | 21                      |                             | 22                      |                             |
| 121077      | 998                     |                             | 9943                    |                             | 24                      |                             | 28                      |                             |

>DL Value greater than detection limit

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23202</b>                |
|                                          | Your order number : <b>GCL-08-62</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>97</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 121078             | 934                     | 941                         | 7408                    | 7285                        | 35                      | 36                          | 31                      | 35                          |
| 121079             | 1958                    |                             | ----- >DL               |                             | 32                      |                             | 36                      |                             |
| 121080             | 3095                    |                             | ----- >DL               |                             | 31                      |                             | 32                      |                             |
| 121081             | 2524                    |                             | ----- >DL               |                             | 32                      |                             | 32                      |                             |
| 121082             | 865                     |                             | ----- >DL               |                             | 22                      |                             | 27                      |                             |
| 121083             | 273                     |                             | 3664                    |                             | 25                      |                             | 29                      |                             |
| 121084             | 192                     |                             | ----- >DL               |                             | 33                      |                             | 32                      |                             |
| 121085             | 131                     |                             | 1746                    |                             | 30                      |                             | 31                      |                             |
| 121086             | 132                     |                             | 2427                    |                             | 32                      |                             | 31                      |                             |
| 121087             | 188                     |                             | 2163                    |                             | 56                      |                             | 33                      |                             |
| 121088             | 147                     |                             | 2043                    |                             | 33                      |                             | 28                      |                             |
| 121089             | 146                     |                             | 1479                    |                             | 35                      |                             | 32                      |                             |
| 121090             | 181                     | 184                         | 1366                    | 1408                        | 37                      | 34                          | 34                      | 37                          |
| 121091             | 133                     |                             | 1571                    |                             | 29                      |                             | 27                      |                             |
| 121092             | 121                     |                             | 2039                    |                             | 25                      |                             | 28                      |                             |
| 121093             | 136                     |                             | 1942                    |                             | 28                      |                             | 29                      |                             |
| 121094             | 139                     |                             | 1853                    |                             | 30                      |                             | 31                      |                             |
| 121095             | 178                     |                             | 1967                    |                             | 37                      |                             | 37                      |                             |
| 121096             | 119                     |                             | 2222                    |                             | 33                      |                             | 31                      |                             |
| 121097             | 138                     |                             | 2238                    |                             | 34                      |                             | 35                      |                             |

>DL Value greater than detection limit

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23202</b>                |
|                                          | Your order number : <b>GCL-08-62</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>97</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 121098             | 132                     |                             | 2071                    |                             | 38                      |                             | 34                      |                             |
| 121099             | 142                     |                             | 1527                    |                             | 37                      |                             | 35                      |                             |
| 121100             | 11                      |                             | 44                      |                             | 3                       |                             | 2                       |                             |
| 121101             | 144                     |                             | 1636                    |                             | 41                      |                             | 31                      |                             |
| 121102             | 146                     | 141                         | 1413                    | 1423                        | 40                      | 39                          | 31                      | 33                          |
| 121103             | 127                     |                             | 1128                    |                             | 35                      |                             | 30                      |                             |
| 121104             | 147                     |                             | 1049                    |                             | 34                      |                             | 27                      |                             |
| 121105             | 144                     |                             | 1762                    |                             | 59                      |                             | 33                      |                             |
| 121106             | 133                     |                             | 2718                    |                             | 48                      |                             | 33                      |                             |
| 121107             | 157                     |                             | 2631                    |                             | 44                      |                             | 33                      |                             |
| 121108             | 121                     |                             | 2228                    |                             | 44                      |                             | 32                      |                             |
| 121109             | 133                     |                             | 1794                    |                             | 48                      |                             | 34                      |                             |
| 121110             | 126                     |                             | 1685                    |                             | 48                      |                             | 34                      |                             |
| 121111             | 123                     |                             | 1721                    |                             | 46                      |                             | 32                      |                             |
| 121112             | 197                     |                             | 1077                    |                             | 39                      |                             | 25                      |                             |
| 121113             | 133                     |                             | 820                     |                             | 45                      |                             | 25                      |                             |
| 121114             | 174                     | 175                         | 1182                    | 1207                        | 46                      | 47                          | 24                      | 26                          |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23202</b>                |
|                                          | Your order number : <b>GCL-08-62</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>97</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 121018             | 80                      | 78                          |                           |                               |
| 121019             | 72                      |                             |                           |                               |
| 121020             | 71                      |                             |                           |                               |
| 121021             | 58                      |                             |                           |                               |
| 121022             | 23                      |                             |                           |                               |
| 121023             | 54                      |                             |                           |                               |
| 121024             | 73                      |                             |                           |                               |
| 121025             | 398                     |                             | 2.010                     |                               |
| 121026             | 85                      |                             |                           |                               |
| 121027             | 84                      |                             |                           |                               |
| 121028             | 80                      |                             |                           |                               |
| 121029             | 80                      |                             |                           |                               |
| 121030             | 74                      | 79                          |                           |                               |
| 121031             | 89                      |                             |                           |                               |
| 121032             | 77                      |                             |                           |                               |
| 121033             | 85                      |                             |                           |                               |
| 121034             | 80                      |                             |                           |                               |
| 121035             | 85                      |                             |                           |                               |
| 121036             | 75                      |                             |                           |                               |
| 121037             | 63                      |                             |                           |                               |

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| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23202</b>                |
|                                          | Your order number : <b>GCL-08-62</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>97</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 121038             | 60                      |                             |                           |                               |
| 121039             | 69                      |                             |                           |                               |
| 121040             | 71                      |                             |                           |                               |
| 121041             | 77                      |                             |                           |                               |
| 121042             | 84                      | 84                          |                           |                               |
| 121043             | 92                      |                             |                           |                               |
| 121044             | 66                      |                             |                           |                               |
| 121045             | 63                      |                             |                           |                               |
| 121046             | 52                      |                             |                           |                               |
| 121047             | 71                      |                             |                           |                               |
| 121048             | 84                      |                             |                           |                               |
| 121049             | 91                      |                             |                           |                               |
| 121050             | 399                     |                             | 2.010                     |                               |
| 121051             | 90                      |                             |                           |                               |
| 121052             | 72                      |                             |                           |                               |
| 121053             | 84                      |                             |                           |                               |
| 121054             | 85                      | 88                          |                           |                               |
| 121055             | 75                      |                             |                           |                               |
| 121056             | 42                      |                             |                           |                               |
| 121057             | 81                      |                             |                           |                               |



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| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23202</b>                |
|                                          | Your order number : <b>GCL-08-62</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>97</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 121058             | 76                      |                             |                           |                               |
| 121059             | 84                      |                             |                           |                               |
| 121060             | 82                      |                             |                           |                               |
| 121061             | 91                      |                             |                           |                               |
| 121062             | 89                      |                             |                           |                               |
| 121063             | 83                      |                             |                           |                               |
| 121064             | 71                      |                             |                           |                               |
| 121065             | 87                      |                             |                           |                               |
| 121066             | 100                     | 106                         |                           |                               |
| 121067             | 97                      |                             |                           |                               |
| 121068             | 92                      |                             |                           |                               |
| 121069             | 105                     |                             |                           |                               |
| 121070             | 80                      |                             |                           |                               |
| 121071             | 136                     |                             | 0.720                     |                               |
| 121072             | 172                     |                             | 1.210                     |                               |
| 121073             | 168                     |                             | 1.240                     |                               |
| 121074             | 215                     |                             | 2.260                     |                               |
| 121075             | 206                     |                             | 1.340                     |                               |
| 121076             | 253                     |                             | 2.460                     |                               |
| 121077             | 194                     |                             | 1.010                     |                               |

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| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23202</b>                |
|                                          | Your order number : <b>GCL-08-62</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>97</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 121078             | 152                     | 155                         | 0.750                     | 0.740                         |
| 121079             | 246                     |                             | 2.190                     |                               |
| 121080             | 211                     |                             | 1.500                     |                               |
| 121081             | 213                     |                             | 1.610                     |                               |
| 121082             | 207                     |                             | 2.190                     |                               |
| 121083             | 63                      |                             |                           |                               |
| 121084             | 233                     |                             | 1.250                     |                               |
| 121085             | 60                      |                             |                           |                               |
| 121086             | 86                      |                             |                           |                               |
| 121087             | 81                      |                             |                           |                               |
| 121088             | 83                      |                             |                           |                               |
| 121089             | 75                      |                             |                           |                               |
| 121090             | 96                      | 101                         |                           |                               |
| 121091             | 84                      |                             |                           |                               |
| 121092             | 70                      |                             |                           |                               |
| 121093             | 62                      |                             |                           |                               |
| 121094             | 65                      |                             |                           |                               |
| 121095             | 65                      |                             |                           |                               |
| 121096             | 65                      |                             |                           |                               |
| 121097             | 72                      |                             |                           |                               |

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| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23202</b>                |
|                                          | Your order number : <b>GCL-08-62</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>97</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 121098             | 84                      |                             |                           |                               |
| 121099             | 86                      |                             |                           |                               |
| 121100             | 3                       |                             |                           |                               |
| 121101             | 93                      |                             |                           |                               |
| 121102             | 94                      | 94                          |                           |                               |
| 121103             | 67                      |                             |                           |                               |
| 121104             | 70                      |                             |                           |                               |
| 121105             | 87                      |                             |                           |                               |
| 121106             | 88                      |                             |                           |                               |
| 121107             | 102                     |                             |                           |                               |
| 121108             | 99                      |                             |                           |                               |
| 121109             | 91                      |                             |                           |                               |
| 121110             | 90                      |                             |                           |                               |
| 121111             | 86                      |                             |                           |                               |
| 121112             | 77                      |                             |                           |                               |
| 121113             | 64                      |                             |                           |                               |
| 121114             | 78                      | 83                          |                           |                               |

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| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23198</b>                |
|                                          | Your order number : <b>GCL-08-63</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>98</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 121115             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 121116             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121117             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121118             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121119             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121120             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121121             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121122             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121123             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121124             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121125             | 8                       |                             | 66                      |                             | 86                      |                             | 0.5                       |                               |
| 121126             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121127             | 13                      | 16                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 121128             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121129             | 10                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121130             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121131             | 10                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121132             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121133             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121134             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |



Joe Landers, Manager

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|                                          |                                      |
|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23198</b>                |
|                                          | Your order number : <b>GCL-08-63</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>98</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 121135             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121136             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121137             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121138             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121139             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 121140             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121141             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121142             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121143             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121144             | 179                     | 163                         | <5                      | <5                          | <5                      | <5                          | <0.2                      |                               |
| 121145             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121146             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121147             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121148             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121149             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121150             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121151             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 121152             | <5                      |                             | 9                       |                             | 18                      |                             | <0.2                      |                               |
| 121153             | <5                      |                             | 6                       |                             | 5                       |                             | <0.2                      |                               |
| 121154             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |

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|                                          |                                      |
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|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>98</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 121155             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121156             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121157             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121158             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121159             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121160             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121161             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121162             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121163             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 121164             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121165             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121166             | 40                      |                             | 95                      |                             | 271                     |                             | 0.7                       |                               |
| 121167             | 48                      |                             | 382                     |                             | 822                     |                             | 0.5                       |                               |
| 121168             | <5                      |                             | 53                      |                             | 113                     |                             | <0.2                      |                               |
| 121169             | 16                      |                             | 58                      |                             | 130                     |                             | <0.2                      |                               |
| 121170             | <5                      |                             | 136                     |                             | 324                     |                             | <0.2                      |                               |
| 121171             | <5                      |                             | 120                     |                             | 295                     |                             | <0.2                      |                               |
| 121172             | 12                      |                             | 61                      |                             | 132                     |                             | <0.2                      |                               |
| 121173             | 118                     |                             | 116                     |                             | 279                     |                             | <0.2                      |                               |
| 121174             | 12                      |                             | 56                      |                             | 64                      |                             | <0.2                      |                               |

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|                                          |                                      |
|------------------------------------------|--------------------------------------|
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| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23198</b>                |
|                                          | Your order number : <b>GCL-08-63</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>98</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 121175             | 14                      | 16                          | 66                      | 70                          | 72                      | 78                          | 0.8                       | 0.7                           |
| 121176             |                         |                             | 128                     |                             | 294                     |                             | 0.8                       |                               |
| 121177             | 168                     |                             | 384                     |                             | 784                     |                             | 0.7                       |                               |
| 121178             | 20                      |                             | 135                     |                             | 364                     |                             | <0.2                      |                               |
| 121179             | 14                      |                             | 20                      |                             | 14                      |                             | 0.6                       |                               |
| 121180             | 10                      |                             | 31                      |                             | 99                      |                             | 0.3                       |                               |
| 121181             | 27                      |                             | 132                     |                             | 297                     |                             | 0.6                       |                               |
| 121182             | <5                      |                             | 60                      |                             | 135                     |                             | <0.2                      |                               |
| 121183             | 26                      |                             | 83                      |                             | 188                     |                             | 0.3                       |                               |
| 121184             | <5                      |                             | 49                      |                             | 101                     |                             | <0.2                      |                               |
| 121185             | <5                      |                             | 242                     |                             | 597                     |                             | <0.2                      |                               |
| 121186             | <5                      |                             | 19                      |                             | 36                      |                             | 0.5                       |                               |
| 121187             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 121188             | 16                      | 12                          | 1960                    | 2030                        | 4450                    | 4480                        | <0.2                      |                               |
| 121189             | <5                      |                             | 26                      |                             | 33                      |                             | <0.2                      |                               |
| 121190             | <5                      |                             | 6                       |                             | 14                      |                             | <0.2                      |                               |
| 121191             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121192             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121193             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121194             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |

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|                                          | Your order number : <b>GCL-08-63</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>98</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 121195             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121196             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121197             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121198             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121199             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 121200             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121201             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121202             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121203             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121204             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121205             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121206             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121207             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121208             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121209             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121210             | 42                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121211             | 111                     | 98                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 121212             | 11                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |



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|                                          |                                      |
|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23198</b>                |
|                                          | Your order number : <b>GCL-08-63</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>98</b>  |

| Designation | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|-------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 121115      | 115                     | 106                         | 1740                    | 1717                        | 40                      | 38                          | 27                      | 23                          |
| 121116      | 134                     |                             | 1301                    |                             | 48                      |                             | 28                      |                             |
| 121117      | 103                     |                             | 1200                    |                             | 37                      |                             | 28                      |                             |
| 121118      | 129                     |                             | 744                     |                             | 33                      |                             | 30                      |                             |
| 121119      | 123                     |                             | 644                     |                             | 31                      |                             | 31                      |                             |
| 121120      | 128                     |                             | 756                     |                             | 34                      |                             | 31                      |                             |
| 121121      | 131                     |                             | 767                     |                             | 37                      |                             | 32                      |                             |
| 121122      | 131                     |                             | 1471                    |                             | 40                      |                             | 31                      |                             |
| 121123      | 131                     |                             | 1741                    |                             | 43                      |                             | 30                      |                             |
| 121124      | 129                     |                             | 1860                    |                             | 43                      |                             | 29                      |                             |
| 121125      | 2720                    |                             | ----- >DL               |                             | 87                      |                             | 29                      |                             |
| 121126      | 123                     |                             | 1969                    |                             | 46                      |                             | 31                      |                             |
| 121127      | 122                     | 115                         | 1556                    | 1492                        | 50                      | 49                          | 39                      | 30                          |
| 121128      | 125                     |                             | 1877                    |                             | 43                      |                             | 30                      |                             |
| 121129      | 129                     |                             | 2159                    |                             | 48                      |                             | 31                      |                             |
| 121130      | 123                     |                             | 1936                    |                             | 42                      |                             | 30                      |                             |
| 121131      | 113                     |                             | 1234                    |                             | 30                      |                             | 26                      |                             |
| 121132      | 104                     |                             | 1841                    |                             | 38                      |                             | 28                      |                             |
| 121133      | 102                     |                             | 1881                    |                             | 38                      |                             | 27                      |                             |
| 121134      | 62                      |                             | 550                     |                             | 46                      |                             | 22                      |                             |

>DL Value greater than detection limit

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|                                          | Your order number : <b>GCL-08-63</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>98</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 121135             | 98                      |                             | 1182                    |                             | 49                      |                             | 27                      |                             |
| 121136             | 113                     |                             | 1748                    |                             | 38                      |                             | 27                      |                             |
| 121137             | 109                     |                             | 1853                    |                             | 38                      |                             | 29                      |                             |
| 121138             | 125                     |                             | 1882                    |                             | 39                      |                             | 30                      |                             |
| 121139             | 124                     | 118                         | 1813                    | 1783                        | 42                      | 34                          | 29                      | 26                          |
| 121140             | 136                     |                             | 1680                    |                             | 41                      |                             | 31                      |                             |
| 121141             | 126                     |                             | 1702                    |                             | 43                      |                             | 31                      |                             |
| 121142             | 121                     |                             | 1595                    |                             | 41                      |                             | 31                      |                             |
| 121143             | 128                     |                             | 1747                    |                             | 45                      |                             | 30                      |                             |
| 121144             | 158                     |                             | 1463                    |                             | 41                      |                             | 33                      |                             |
| 121145             | 137                     |                             | 1590                    |                             | 45                      |                             | 32                      |                             |
| 121146             | 143                     |                             | 1365                    |                             | 45                      |                             | 33                      |                             |
| 121147             | 137                     |                             | 1156                    |                             | 37                      |                             | 32                      |                             |
| 121148             | 123                     |                             | 1028                    |                             | 38                      |                             | 30                      |                             |
| 121149             | 111                     |                             | 1315                    |                             | 41                      |                             | 30                      |                             |
| 121150             | 16                      |                             | 72                      |                             | 4                       |                             | 2                       |                             |
| 121151             | 121                     | 116                         | 1161                    | 1086                        | 38                      | 36                          | 29                      | 23                          |
| 121152             | 115                     |                             | 875                     |                             | 45                      |                             | 26                      |                             |
| 121153             | 162                     |                             | 972                     |                             | 49                      |                             | 26                      |                             |
| 121154             | 151                     |                             | 1042                    |                             | 70                      |                             | 25                      |                             |

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|                                          | Your order number : <b>GCL-08-63</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>98</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 121155             | 184                     |                             | 916                     |                             | 113                     |                             | 22                      |                             |
| 121156             | 216                     |                             | 727                     |                             | 150                     |                             | 28                      |                             |
| 121157             | 136                     |                             | 823                     |                             | 115                     |                             | 28                      |                             |
| 121158             | 191                     |                             | 1311                    |                             | 57                      |                             | 19                      |                             |
| 121159             | 136                     |                             | 1099                    |                             | 45                      |                             | 20                      |                             |
| 121160             | 69                      |                             | 1024                    |                             | 63                      |                             | 23                      |                             |
| 121161             | 82                      |                             | 651                     |                             | 110                     |                             | 25                      |                             |
| 121162             | 96                      |                             | 99                      |                             | 132                     |                             | 27                      |                             |
| 121163             | 180                     | 183                         | 106                     | 98                          | 130                     | 121                         | 30                      | 25                          |
| 121164             | 296                     |                             | 113                     |                             | 149                     |                             | 31                      |                             |
| 121165             | 367                     |                             | 184                     |                             | 132                     |                             | 31                      |                             |
| 121166             | 2204                    |                             | ----- >DL               |                             | 33                      |                             | 22                      |                             |
| 121167             | 2212                    |                             | ----- >DL               |                             | 33                      |                             | 26                      |                             |
| 121168             | 198                     |                             | 6966                    |                             | 45                      |                             | 32                      |                             |
| 121169             | 250                     |                             | 3860                    |                             | 39                      |                             | 31                      |                             |
| 121170             | 1281                    |                             | ----- >DL               |                             | 35                      |                             | 32                      |                             |
| 121171             | 1154                    |                             | ----- >DL               |                             | 37                      |                             | 32                      |                             |
| 121172             | 945                     |                             | ----- >DL               |                             | 34                      |                             | 34                      |                             |
| 121173             | 756                     |                             | 8014                    |                             | 33                      |                             | 33                      |                             |
| 121174             | 1000                    |                             | ----- >DL               |                             | 30                      |                             | 34                      |                             |

>DL Value greater than detection limit

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23198</b>                |
|                                          | Your order number : <b>GCL-08-63</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>98</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 121175             | 1952                    | 1937                        | ----- >DL               | ----- >DL                   | 86                      | 81                          | 50                      | 56                          |
| 121176             | 2164                    |                             | ----- >DL               |                             | 26                      |                             | 28                      |                             |
| 121177             | 1980                    |                             | ----- >DL               |                             | 28                      |                             | 25                      |                             |
| 121178             | 1665                    |                             | ----- >DL               |                             | 29                      |                             | 29                      |                             |
| 121179             | 2170                    |                             | ----- >DL               |                             | 24                      |                             | 26                      |                             |
| 121180             | 1907                    |                             | ----- >DL               |                             | 26                      |                             | 30                      |                             |
| 121181             | 1889                    |                             | ----- >DL               |                             | 32                      |                             | 38                      |                             |
| 121182             | 1024                    |                             | 7064                    |                             | 31                      |                             | 35                      |                             |
| 121183             | 1437                    |                             | 7940                    |                             | 32                      |                             | 34                      |                             |
| 121184             | 322                     |                             | 5327                    |                             | 25                      |                             | 32                      |                             |
| 121185             | 293                     |                             | 7387                    |                             | 21                      |                             | 30                      |                             |
| 121186             | 160                     |                             | 2120                    |                             | 22                      |                             | 29                      |                             |
| 121187             | 78                      | 82                          | 1995                    | 1957                        | 18                      | 17                          | 22                      | 21                          |
| 121188             | 261                     |                             | 1090                    |                             | 20                      |                             | 22                      |                             |
| 121189             | 92                      |                             | 1558                    |                             | 20                      |                             | 21                      |                             |
| 121190             | 121                     |                             | 1827                    |                             | 27                      |                             | 27                      |                             |
| 121191             | 116                     |                             | 1416                    |                             | 30                      |                             | 25                      |                             |
| 121192             | 109                     |                             | 1388                    |                             | 28                      |                             | 24                      |                             |
| 121193             | 70                      |                             | 1349                    |                             | 23                      |                             | 22                      |                             |
| 121194             | 117                     |                             | 1313                    |                             | 26                      |                             | 29                      |                             |

>DL Value greater than detection limit

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23198</b>                |
|                                          | Your order number : <b>GCL-08-63</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>98</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 121195             | 104                     |                             | 1523                    |                             | 29                      |                             | 29                      |                             |
| 121196             | 123                     |                             | 1120                    |                             | 21                      |                             | 29                      |                             |
| 121197             | 127                     |                             | 1121                    |                             | 26                      |                             | 28                      |                             |
| 121198             | 126                     |                             | 1187                    |                             | 28                      |                             | 25                      |                             |
| 121199             | 138                     | 133                         | 1254                    | 1254                        | 28                      | 26                          | 31                      | 26                          |
| 121200             | 13                      |                             | 51                      |                             | 2                       |                             | 2                       |                             |
| 121201             | 187                     |                             | 1192                    |                             | 29                      |                             | 28                      |                             |
| 121202             | 162                     |                             | 842                     |                             | 27                      |                             | 27                      |                             |
| 121203             | 110                     |                             | 1537                    |                             | 30                      |                             | 27                      |                             |
| 121204             | 100                     |                             | 1682                    |                             | 25                      |                             | 24                      |                             |
| 121205             | 102                     |                             | 1625                    |                             | 25                      |                             | 25                      |                             |
| 121206             | 67                      |                             | 1650                    |                             | 22                      |                             | 20                      |                             |
| 121207             | 72                      |                             | 1324                    |                             | 23                      |                             | 21                      |                             |
| 121208             | 75                      |                             | 1701                    |                             | 22                      |                             | 21                      |                             |
| 121209             | 76                      |                             | 1680                    |                             | 19                      |                             | 21                      |                             |
| 121210             | 88                      |                             | 1686                    |                             | 18                      |                             | 23                      |                             |
| 121211             | 96                      | 105                         | 1734                    | 1769                        | 17                      | 17                          | 23                      | 22                          |
| 121212             | 114                     |                             | 1682                    |                             | 23                      |                             | 23                      |                             |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23198</b>                |
|                                          | Your order number : <b>GCL-08-63</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>98</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 121115             | 85                      | 79                          |                           |                               |
| 121116             | 81                      |                             |                           |                               |
| 121117             | 77                      |                             |                           |                               |
| 121118             | 51                      |                             |                           |                               |
| 121119             | 57                      |                             |                           |                               |
| 121120             | 52                      |                             |                           |                               |
| 121121             | 51                      |                             |                           |                               |
| 121122             | 78                      |                             |                           |                               |
| 121123             | 86                      |                             |                           |                               |
| 121124             | 86                      |                             |                           |                               |
| 121125             | 218                     |                             | 1.340                     |                               |
| 121126             | 88                      |                             |                           |                               |
| 121127             | 81                      | 80                          |                           |                               |
| 121128             | 88                      |                             |                           |                               |
| 121129             | 90                      |                             |                           |                               |
| 121130             | 89                      |                             |                           |                               |
| 121131             | 78                      |                             |                           |                               |
| 121132             | 94                      |                             |                           |                               |
| 121133             | 89                      |                             |                           |                               |
| 121134             | 38                      |                             |                           |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23198</b>                |
|                                          | Your order number : <b>GCL-08-63</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>98</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 121135             | 62                      |                             |                           |                               |
| 121136             | 87                      |                             |                           |                               |
| 121137             | 83                      |                             |                           |                               |
| 121138             | 88                      |                             |                           |                               |
| 121139             | 82                      | 79                          |                           |                               |
| 121140             | 88                      |                             |                           |                               |
| 121141             | 86                      |                             |                           |                               |
| 121142             | 83                      |                             |                           |                               |
| 121143             | 85                      |                             |                           |                               |
| 121144             | 97                      |                             |                           |                               |
| 121145             | 96                      |                             |                           |                               |
| 121146             | 88                      |                             |                           |                               |
| 121147             | 71                      |                             |                           |                               |
| 121148             | 65                      |                             |                           |                               |
| 121149             | 84                      |                             |                           |                               |
| 121150             | 6                       |                             |                           |                               |
| 121151             | 75                      | 67                          |                           |                               |
| 121152             | 71                      |                             |                           |                               |
| 121153             | 79                      |                             |                           |                               |
| 121154             | 78                      |                             |                           |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23198</b>                |
|                                          | Your order number : <b>GCL-08-63</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>98</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 121155             | 71                      |                             |                           |                               |
| 121156             | 71                      |                             |                           |                               |
| 121157             | 78                      |                             |                           |                               |
| 121158             | 81                      |                             |                           |                               |
| 121159             | 62                      |                             |                           |                               |
| 121160             | 59                      |                             |                           |                               |
| 121161             | 67                      |                             |                           |                               |
| 121162             | 49                      |                             |                           |                               |
| 121163             | 56                      | 52                          |                           |                               |
| 121164             | 62                      |                             |                           |                               |
| 121165             | 60                      |                             |                           |                               |
| 121166             | 243                     |                             | 3.120                     |                               |
| 121167             | 220                     |                             | 2.130                     |                               |
| 121168             | 107                     |                             | 0.720                     |                               |
| 121169             | 89                      |                             |                           |                               |
| 121170             | 216                     |                             | 1.980                     |                               |
| 121171             | 162                     |                             | 1.390                     |                               |
| 121172             | 155                     |                             | 1.420                     |                               |
| 121173             | 134                     |                             | 0.790                     |                               |
| 121174             | 220                     |                             | 1.680                     |                               |



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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23198</b>                |
|                                          | Your order number : <b>GCL-08-63</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>98</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 121175             | 376                     | 380                         | 2.030                     | 2.040                         |
| 121176             | 231                     |                             | 2.430                     |                               |
| 121177             | 289                     |                             | 3.060                     |                               |
| 121178             | 200                     |                             | 2.050                     |                               |
| 121179             | 304                     |                             | 3.160                     |                               |
| 121180             | 226                     |                             | 2.010                     |                               |
| 121181             | 278                     |                             | 1.940                     |                               |
| 121182             | 172                     |                             | 0.740                     |                               |
| 121183             | 160                     |                             | 0.780                     |                               |
| 121184             | 98                      |                             | 0.540                     |                               |
| 121185             | 126                     |                             | 0.740                     |                               |
| 121186             | 59                      |                             |                           |                               |
| 121187             | 48                      | 52                          |                           |                               |
| 121188             | 233                     |                             |                           |                               |
| 121189             | 54                      |                             |                           |                               |
| 121190             | 75                      |                             |                           |                               |
| 121191             | 66                      |                             |                           |                               |
| 121192             | 67                      |                             |                           |                               |
| 121193             | 70                      |                             |                           |                               |
| 121194             | 79                      |                             |                           |                               |

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| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23198</b>                |
|                                          | Your order number : <b>GCL-08-63</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>98</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 121195             | 83                      |                             |                           |                               |
| 121196             | 67                      |                             |                           |                               |
| 121197             | 74                      |                             |                           |                               |
| 121198             | 79                      |                             |                           |                               |
| 121199             | 80                      | 78                          |                           |                               |
| 121200             | 4                       |                             |                           |                               |
| 121201             | 86                      |                             |                           |                               |
| 121202             | 73                      |                             |                           |                               |
| 121203             | 79                      |                             |                           |                               |
| 121204             | 80                      |                             |                           |                               |
| 121205             | 76                      |                             |                           |                               |
| 121206             | 71                      |                             |                           |                               |
| 121207             | 69                      |                             |                           |                               |
| 121208             | 67                      |                             |                           |                               |
| 121209             | 60                      |                             |                           |                               |
| 121210             | 60                      |                             |                           |                               |
| 121211             | 67                      | 69                          |                           |                               |
| 121212             | 66                      |                             |                           |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23193</b>                |
|                                          | Your order number : <b>GCL-08-64</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>93</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 121213             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 121214             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121215             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121216             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121217             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121218             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121219             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121220             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121221             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121222             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121223             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121224             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121225             | 10                      | 7                           | 80                      | 76                          | 82                      | 78                          | 0.6                       | 0.6                           |
| 121226             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121227             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121228             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121229             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121230             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121231             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121232             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |



Joe Landers, Manager

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23193</b>                |
|                                          | Your order number : <b>GCL-08-64</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>93</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 121233             | 6                       |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121234             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121235             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121236             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121237             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 121238             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121239             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121240             | 38                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121241             | 10                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121242             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121243             | <5                      |                             | 30                      |                             | 89                      |                             | <0.2                      |                               |
| 121244             | 21                      |                             | 144                     |                             | 273                     |                             | <0.2                      |                               |
| 121245             | <5                      |                             | 80                      |                             | 212                     |                             | <0.2                      |                               |
| 121246             | 44                      |                             | 34                      |                             | 207                     |                             | <0.2                      |                               |
| 121247             | <5                      |                             | 36                      |                             | 52                      |                             | <0.2                      |                               |
| 121248             | <5                      |                             | 8                       |                             | 19                      |                             | <0.2                      |                               |
| 121249             | <5                      | <5                          | 17                      | 20                          | 59                      | 61                          | <0.2                      | <0.2                          |
| 121250             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121251             | <5                      |                             | <5                      |                             | 23                      |                             | 0.3                       |                               |
| 121252             | <5                      |                             | 23                      |                             | 89                      |                             | <0.2                      |                               |

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Date : 2008/08/27

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23193</b>                |
|                                          | Your order number : <b>GCL-08-64</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>93</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 121253             | <5                      | <5                          | 462                     | 458                         | 958                     | 946                         | 0.9                       |                               |
| 121254             | <5                      |                             | 200                     |                             | 531                     |                             | <0.2                      |                               |
| 121255             | <5                      |                             | 160                     |                             | 385                     |                             | <0.2                      |                               |
| 121256             | <5                      |                             | 241                     |                             | 644                     |                             | 0.2                       |                               |
| 121257             | <5                      |                             | 91                      |                             | 224                     |                             | <0.2                      |                               |
| 121258             | <5                      |                             | 37                      |                             | 88                      |                             | <0.2                      |                               |
| 121259             | <5                      |                             | 102                     |                             | 233                     |                             | 0.3                       |                               |
| 121260             | <5                      |                             | 28                      |                             | 33                      |                             | <0.2                      |                               |
| 121261             | <5                      | <5                          | 8                       | 9                           | 27                      | 29                          | <0.2                      | <0.2                          |
| 121262             | <5                      |                             | 33                      |                             | 86                      |                             | <0.2                      |                               |
| 121263             | <5                      |                             | 96                      |                             | 276                     |                             | <0.2                      |                               |
| 121264             | <5                      |                             | <5                      |                             | 9                       |                             | <0.2                      |                               |
| 121265             | <5                      |                             | 41                      |                             | 115                     |                             | <0.2                      |                               |
| 121266             | <5                      |                             | 118                     |                             | 421                     |                             | 0.7                       |                               |
| 121267             | <5                      |                             | 117                     |                             | 189                     |                             | 1.0                       |                               |
| 121268             | <5                      |                             | 165                     |                             | 438                     |                             | 1.0                       |                               |
| 121269             | <5                      |                             | 183                     |                             | 529                     |                             | 1.3                       |                               |
| 121270             | <5                      |                             | 92                      |                             | 232                     |                             | 0.6                       |                               |
| 121271             | <5                      |                             | 31                      |                             | 69                      |                             | 0.3                       |                               |
| 121272             | <5                      |                             | 293                     |                             | 676                     |                             | 0.3                       |                               |

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| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23193</b>                |
|                                          | Your order number : <b>GCL-08-64</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>93</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 121273             | <5                      | <5                          | 7                       | 9                           | 11                      | 12                          | <0.2                      | <0.2                          |
| 121274             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121275             | 10                      |                             | 74                      |                             | 74                      |                             | 0.6                       |                               |
| 121276             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121277             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121278             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121279             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121280             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121281             | 113                     |                             | 27                      |                             | 31                      |                             | <0.2                      |                               |
| 121282             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121283             | <5                      |                             | 12                      |                             | 16                      |                             | <0.2                      |                               |
| 121284             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121285             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 121286             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121287             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121288             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121289             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121290             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121291             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121292             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23193</b>                |
|                                          | Your order number : <b>GCL-08-64</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>93</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 121293             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121294             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121295             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121296             | <5                      |                             | <5                      |                             | <5                      |                             | 0.2                       |                               |
| 121297             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 121298             | <5                      |                             | <5                      |                             | <5                      |                             | 0.3                       |                               |
| 121299             | <5                      |                             | <5                      |                             | <5                      |                             | 0.2                       |                               |
| 121300             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121301             | <5                      |                             | <5                      |                             | <5                      |                             | 0.7                       |                               |
| 121302             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 121303             | <5                      |                             | <5                      |                             | <5                      |                             | 0.5                       |                               |
| 121304             | <5                      |                             | <5                      |                             | <5                      |                             | 5.4                       |                               |
| 121305             | <5                      |                             | <5                      |                             | <5                      |                             | 3.8                       |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23193</b>                |
|                                          | Your order number : <b>GCL-08-64</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>93</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 121213             | 124                     | 116                         | 691                     | 672                         | 116                     | 111                         | 28                      | 26                          |
| 121214             | 150                     |                             | 107                     |                             | 82                      |                             | 29                      |                             |
| 121215             | 212                     |                             | 100                     |                             | 139                     |                             | 23                      |                             |
| 121216             | 132                     |                             | 102                     |                             | 194                     |                             | 29                      |                             |
| 121217             | 243                     |                             | 127                     |                             | 203                     |                             | 33                      |                             |
| 121218             | 155                     |                             | 122                     |                             | 187                     |                             | 27                      |                             |
| 121219             | 215                     |                             | 100                     |                             | 132                     |                             | 26                      |                             |
| 121220             | 168                     |                             | 102                     |                             | 153                     |                             | 28                      |                             |
| 121221             | 261                     |                             | 109                     |                             | 165                     |                             | 36                      |                             |
| 121222             | 282                     |                             | 90                      |                             | 120                     |                             | 51                      |                             |
| 121223             | 304                     |                             | 99                      |                             | 150                     |                             | 35                      |                             |
| 121224             | 209                     |                             | 762                     |                             | 64                      |                             | 27                      |                             |
| 121225             | 2561                    | 2591                        | ----- >DL               | ----- >DL                   | 87                      | 85                          | 29                      | 27                          |
| 121226             | 62                      |                             | 729                     |                             | 37                      |                             | 32                      |                             |
| 121227             | 49                      |                             | 749                     |                             | 36                      |                             | 29                      |                             |
| 121228             | 52                      |                             | 1010                    |                             | 28                      |                             | 30                      |                             |
| 121229             | 76                      |                             | 1434                    |                             | 49                      |                             | 41                      |                             |
| 121230             | 66                      |                             | 1597                    |                             | 52                      |                             | 37                      |                             |
| 121231             | 56                      |                             | 1494                    |                             | 34                      |                             | 35                      |                             |
| 121232             | 60                      |                             | 1582                    |                             | 33                      |                             | 39                      |                             |

>DL Value greater than detection limit



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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23193</b>                |
|                                          | Your order number : <b>GCL-08-64</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>93</b>  |

| Designation | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|-------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 121233      | 55                      |                             | 1439                    |                             | 31                      |                             | 26                      |                             |
| 121234      | 66                      |                             | 1739                    |                             | 30                      |                             | 30                      |                             |
| 121235      | 63                      |                             | 1522                    |                             | 27                      |                             | 26                      |                             |
| 121236      | 78                      |                             | 1630                    |                             | 30                      |                             | 31                      |                             |
| 121237      | 69                      | 73                          | 1698                    | 1678                        | 31                      | 27                          | 24                      | 20                          |
| 121238      | 79                      |                             | 1686                    |                             | 30                      |                             | 24                      |                             |
| 121239      | 91                      |                             | 1625                    |                             | 36                      |                             | 25                      |                             |
| 121240      | 69                      |                             | 1780                    |                             | 36                      |                             | 28                      |                             |
| 121241      | 95                      |                             | 1706                    |                             | 82                      |                             | 33                      |                             |
| 121242      | 77                      |                             | 1749                    |                             | 42                      |                             | 31                      |                             |
| 121243      | 91                      |                             | 2730                    |                             | 28                      |                             | 32                      |                             |
| 121244      | 78                      |                             | 3639                    |                             | 26                      |                             | 32                      |                             |
| 121245      | 113                     |                             | 3866                    |                             | 26                      |                             | 28                      |                             |
| 121246      | 111                     |                             | 4005                    |                             | 27                      |                             | 24                      |                             |
| 121247      | 104                     |                             | 2163                    |                             | 29                      |                             | <2                      |                             |
| 121248      | 215                     |                             | 2623                    |                             | 27                      |                             | 24                      |                             |
| 121249      | 218                     | 223                         | 3405                    | 3416                        | 29                      | 33                          | 22                      | 28                          |
| 121250      | 13                      |                             | 112                     |                             | 3                       |                             | 23                      |                             |
| 121251      | 294                     |                             | 7540                    |                             | 29                      |                             | 23                      |                             |
| 121252      | 199                     |                             | ----- >DL               |                             | 31                      |                             | 22                      |                             |

>DL Value greater than detection limit

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23193</b>                |
|                                          | Your order number : <b>GCL-08-64</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>93</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 121253             | 690                     |                             | ----- >DL               |                             | 31                      |                             | 22                      |                             |
| 121254             | 244                     |                             | ----- >DL               |                             | 32                      |                             | 22                      |                             |
| 121255             | 368                     |                             | ----- >DL               |                             | 33                      |                             | 22                      |                             |
| 121256             | 364                     |                             | ----- >DL               |                             | 30                      |                             | 41                      |                             |
| 121257             | 161                     |                             | ----- >DL               |                             | 29                      |                             | 21                      |                             |
| 121258             | 95                      |                             | 3648                    |                             | 26                      |                             | 26                      |                             |
| 121259             | 147                     |                             | 9010                    |                             | 25                      |                             | 24                      |                             |
| 121260             | 96                      |                             | 2661                    |                             | 29                      |                             | 23                      |                             |
| 121261             | 91                      | 91                          | 2828                    | 2790                        | 38                      | 40                          | 26                      | 29                          |
| 121262             | 95                      |                             | 3139                    |                             | 31                      |                             | 21                      |                             |
| 121263             | 520                     |                             | ----- >DL               |                             | 31                      |                             | 21                      |                             |
| 121264             | 71                      |                             | 1743                    |                             | 34                      |                             | 21                      |                             |
| 121265             | 109                     |                             | 3985                    |                             | 36                      |                             | 23                      |                             |
| 121266             | 2112                    |                             | ----- >DL               |                             | 32                      |                             | 22                      |                             |
| 121267             | 4103                    |                             | ----- >DL               |                             | 49                      |                             | 26                      |                             |
| 121268             | 1201                    |                             | ----- >DL               |                             | 54                      |                             | 27                      |                             |
| 121269             | 2157                    |                             | ----- >DL               |                             | 23                      |                             | 16                      |                             |
| 121270             | 1070                    |                             | ----- >DL               |                             | 30                      |                             | 15                      |                             |
| 121271             | 1056                    |                             | ----- >DL               |                             | 29                      |                             | 15                      |                             |
| 121272             | 1213                    |                             | ----- >DL               |                             | 24                      |                             | 27                      |                             |

>DL Value greater than detection limit

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| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23193</b>                |
|                                          | Your order number : <b>GCL-08-64</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>93</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 121273             | 79                      | 78                          | 2041                    | 2021                        | 23                      | 26                          | 20                      | 24                          |
| 121274             | 105                     |                             | 1758                    |                             | 26                      |                             | 33                      |                             |
| 121275             | 1809                    |                             | ----- >DL               |                             | 80                      |                             | 52                      |                             |
| 121276             | 124                     |                             | 1614                    |                             | 28                      |                             | 32                      |                             |
| 121277             | 57                      |                             | 1962                    |                             | 18                      |                             | 31                      |                             |
| 121278             | 61                      |                             | 1870                    |                             | 17                      |                             | 29                      |                             |
| 121279             | 52                      |                             | 2002                    |                             | 19                      |                             | 40                      |                             |
| 121280             | 86                      |                             | 1724                    |                             | 36                      |                             | 37                      |                             |
| 121281             | 89                      |                             | 1701                    |                             | 30                      |                             | 35                      |                             |
| 121282             | 54                      |                             | 775                     |                             | 25                      |                             | 26                      |                             |
| 121283             | 88                      |                             | 1547                    |                             | 36                      |                             | 20                      |                             |
| 121284             | 91                      |                             | 1333                    |                             | 30                      |                             | 31                      |                             |
| 121285             | 77                      | 76                          | 1269                    | 1214                        | 32                      | 36                          | 23                      | 24                          |
| 121286             | 69                      |                             | 1246                    |                             | 29                      |                             | 23                      |                             |
| 121287             | 63                      |                             | 1270                    |                             | 29                      |                             | 22                      |                             |
| 121288             | 63                      |                             | 1262                    |                             | 28                      |                             | 21                      |                             |
| 121289             | 63                      |                             | 1343                    |                             | 25                      |                             | 21                      |                             |
| 121290             | 51                      |                             | 1263                    |                             | 25                      |                             | 17                      |                             |
| 121291             | 66                      |                             | 1282                    |                             | 25                      |                             | 21                      |                             |
| 121292             | 63                      |                             | 1188                    |                             | 23                      |                             | 19                      |                             |

>DL Value greater than detection limit

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| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23193</b>                |
|                                          | Your order number : <b>GCL-08-64</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>93</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 121293             | 64                      |                             | 1087                    |                             | 21                      |                             | 18                      |                             |
| 121294             | 63                      |                             | 1286                    |                             | 24                      |                             | 20                      |                             |
| 121295             | 81                      |                             | 1359                    |                             | 32                      |                             | 23                      |                             |
| 121296             | 70                      |                             | 1308                    |                             | 33                      |                             | 21                      |                             |
| 121297             | 70                      | 68                          | 1212                    | 1199                        | 38                      | 39                          | 25                      | 26                          |
| 121298             | 65                      |                             | 595                     |                             | 23                      |                             | 35                      |                             |
| 121299             | 119                     |                             | 672                     |                             | 66                      |                             | 21                      |                             |
| 121300             | 15                      |                             | 90                      |                             | 3                       |                             | 3                       |                             |
| 121301             | 220                     |                             | 648                     |                             | 1080                    |                             | 149                     |                             |
| 121302             | 65                      |                             | 43                      |                             | 63                      |                             | 20                      |                             |
| 121303             | 66                      |                             | 43                      |                             | 173                     |                             | 36                      |                             |
| 121304             | 94                      |                             | 35                      |                             | 150                     |                             | 407                     |                             |
| 121305             | 85                      |                             | 40                      |                             | 103                     |                             | 394                     |                             |

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|                                          |                                      |
|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23193</b>                |
|                                          | Your order number : <b>GCL-08-64</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>93</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 121213             | 69                      | 66                          |                           |                               |
| 121214             | 39                      |                             |                           |                               |
| 121215             | 52                      |                             |                           |                               |
| 121216             | 56                      |                             |                           |                               |
| 121217             | 64                      |                             |                           |                               |
| 121218             | 61                      |                             |                           |                               |
| 121219             | 52                      |                             |                           |                               |
| 121220             | 56                      |                             |                           |                               |
| 121221             | 62                      |                             |                           |                               |
| 121222             | 53                      |                             |                           |                               |
| 121223             | 56                      |                             |                           |                               |
| 121224             | 46                      |                             |                           |                               |
| 121225             | 186                     | 190                         | 1.310                     | 1.300                         |
| 121226             | 40                      |                             |                           |                               |
| 121227             | 42                      |                             |                           |                               |
| 121228             | 51                      |                             |                           |                               |
| 121229             | 74                      |                             |                           |                               |
| 121230             | 74                      |                             |                           |                               |
| 121231             | 68                      |                             |                           |                               |
| 121232             | 72                      |                             |                           |                               |

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|                                          |                                      |
|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23193</b>                |
|                                          | Your order number : <b>GCL-08-64</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>93</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 121233             | 65                      |                             |                           |                               |
| 121234             | 78                      |                             |                           |                               |
| 121235             | 74                      |                             |                           |                               |
| 121236             | 79                      |                             |                           |                               |
| 121237             | 72                      | 74                          |                           |                               |
| 121238             | 74                      |                             |                           |                               |
| 121239             | 76                      |                             |                           |                               |
| 121240             | 73                      |                             |                           |                               |
| 121241             | 73                      |                             |                           |                               |
| 121242             | 64                      |                             |                           |                               |
| 121243             | 72                      |                             |                           |                               |
| 121244             | 87                      |                             |                           |                               |
| 121245             | 93                      |                             |                           |                               |
| 121246             | 77                      |                             |                           |                               |
| 121247             | 52                      |                             |                           |                               |
| 121248             | 76                      |                             |                           |                               |
| 121249             | 92                      | 101                         |                           |                               |
| 121250             | 4                       |                             |                           |                               |
| 121251             | 110                     |                             | 0.770                     |                               |
| 121252             | 172                     |                             | 1.240                     |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23193</b>                |
|                                          | Your order number : <b>GCL-08-64</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>93</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 121253             | 353                     |                             | 4.180                     |                               |
| 121254             | 199                     |                             | 2.220                     |                               |
| 121255             | 182                     |                             | 1.880                     |                               |
| 121256             | 255                     |                             | 2.240                     |                               |
| 121257             | 134                     |                             | 1.030                     |                               |
| 121258             | 80                      |                             |                           |                               |
| 121259             | 134                     |                             | 0.870                     |                               |
| 121260             | 57                      |                             |                           |                               |
| 121261             | 79                      | 76                          |                           |                               |
| 121262             | 84                      |                             |                           |                               |
| 121263             | 202                     |                             | 1.300                     |                               |
| 121264             | 59                      |                             |                           |                               |
| 121265             | 107                     |                             |                           |                               |
| 121266             | 293                     |                             | 2.650                     |                               |
| 121267             | 247                     |                             | 2.620                     |                               |
| 121268             | 175                     |                             | 1.810                     |                               |
| 121269             | 248                     |                             | 2.680                     |                               |
| 121270             | 178                     |                             | 1.810                     |                               |
| 121271             | 117                     |                             | 1.030                     |                               |
| 121272             | 198                     |                             | 2.540                     |                               |

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| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23193</b>                |
|                                          | Your order number : <b>GCL-08-64</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>93</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 121273             | 49                      | 51                          |                           |                               |
| 121274             | 78                      |                             |                           |                               |
| 121275             | 387                     |                             | 2.040                     |                               |
| 121276             | 88                      |                             |                           |                               |
| 121277             | 57                      |                             |                           |                               |
| 121278             | 60                      |                             |                           |                               |
| 121279             | 48                      |                             |                           |                               |
| 121280             | 69                      |                             |                           |                               |
| 121281             | 79                      |                             |                           |                               |
| 121282             | 34                      |                             |                           |                               |
| 121283             | 70                      |                             |                           |                               |
| 121284             | 73                      |                             |                           |                               |
| 121285             | 72                      | 77                          |                           |                               |
| 121286             | 71                      |                             |                           |                               |
| 121287             | 66                      |                             |                           |                               |
| 121288             | 65                      |                             |                           |                               |
| 121289             | 68                      |                             |                           |                               |
| 121290             | 76                      |                             |                           |                               |
| 121291             | 65                      |                             |                           |                               |
| 121292             | 61                      |                             |                           |                               |



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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23193</b>                |
|                                          | Your order number : <b>GCL-08-64</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>93</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 121293             | 58                      |                             |                           |                               |
| 121294             | 68                      |                             |                           |                               |
| 121295             | 71                      |                             |                           |                               |
| 121296             | 71                      |                             |                           |                               |
| 121297             | 68                      | 65                          |                           |                               |
| 121298             | 33                      |                             |                           |                               |
| 121299             | 56                      |                             |                           |                               |
| 121300             | 7                       |                             |                           |                               |
| 121301             | 77                      |                             |                           |                               |
| 121302             | 17                      |                             |                           |                               |
| 121303             | 21                      |                             |                           |                               |
| 121304             | 18                      |                             |                           |                               |
| 121305             | 21                      |                             |                           |                               |

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|                                          |                                           |
|------------------------------------------|-------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                           |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23055</b>                     |
|                                          | Your order number : <b>P.O. GCL-08-57</b> |
|                                          | Project : <b>LANGMUIR</b>                 |
|                                          | Total number of samples : <b>76</b>       |

| Designation | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|-------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 108633      | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | 0.4                       | 0.5                           |
| 108634      | <5                      |                             | <5                      |                             | <5                      |                             | 0.2                       |                               |
| 108635      | <5                      |                             | 10                      |                             | 6                       |                             | <0.2                      |                               |
| 108636      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 108637      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 108638      | <5                      |                             | 7                       |                             | 5                       |                             | <0.2                      |                               |
| 108639      | <5                      |                             | <5                      |                             | <5                      |                             | 0.2                       |                               |
| 108640      | <5                      |                             | <5                      |                             | <5                      |                             | 0.2                       |                               |
| 108641      | <5                      |                             | <5                      |                             | <5                      |                             | 0.3                       |                               |
| 108642      | <5                      |                             | <5                      |                             | <5                      |                             | 0.2                       |                               |
| 108643      | <5                      |                             | <5                      |                             | <5                      |                             | 0.2                       |                               |
| 108644      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 108645      | 28                      | 25                          | <5                      | <5                          | <5                      | <5                          | 0.3                       | 0.3                           |
| 108646      | 14                      |                             | <5                      |                             | <5                      |                             | 0.3                       |                               |
| 108647      | 14                      |                             | <5                      |                             | <5                      |                             | 0.4                       |                               |
| 108648      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 108649      | <5                      |                             | 68                      |                             | 140                     |                             | <0.2                      |                               |
| 108650      | <5                      |                             | 26                      |                             | 24                      |                             | 0.3                       |                               |
| 108651      | <5                      |                             | 50                      |                             | 82                      |                             | 0.3                       |                               |
| 108652      | <5                      |                             | 37                      |                             | 58                      |                             | <0.2                      |                               |



Joe Landers, Manager

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|------------------------------------------|-------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                           |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23055</b>                     |
|                                          | Your order number : <b>P.O. GCL-08-57</b> |
|                                          | Project : <b>LANGMUIR</b>                 |
|                                          | Total number of samples : <b>76</b>       |

| Designation | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|-------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 108653      | <5                      |                             | 16                      |                             | 27                      |                             | 0.2                       |                               |
| 108654      | <5                      |                             | 116                     |                             | 245                     |                             | 0.4                       |                               |
| 108655      | 64                      |                             | 77                      |                             | 170                     |                             | 1.2                       |                               |
| 108656      | <5                      |                             | 14                      |                             | 30                      |                             | 1.3                       |                               |
| 108657      | <5                      | <5                          | 49                      | 49                          | 117                     | 128                         | 0.7                       | 0.9                           |
| 108658      | 49                      |                             | 55                      |                             | 119                     |                             | 0.6                       |                               |
| 108659      | 9                       |                             | 107                     |                             | 259                     |                             | 1.1                       |                               |
| 108660      | 10                      |                             | 153                     |                             | 402                     |                             | 0.7                       |                               |
| 108661      | <5                      |                             | 121                     |                             | 267                     |                             | 0.4                       |                               |
| 108662      | <5                      |                             | 175                     |                             | 530                     |                             | <0.2                      |                               |
| 108663      | <5                      |                             | 12                      |                             | 13                      |                             | <0.2                      |                               |
| 108664      | <5                      |                             | 8                       |                             | 7                       |                             | 0.2                       |                               |
| 108665      | <5                      |                             | <5                      |                             | <5                      |                             | 0.3                       |                               |
| 108666      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 108667      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 108668      | <5                      |                             | <5                      |                             | <5                      |                             | 0.3                       |                               |
| 108669      | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | 0.3                       | 0.3                           |
| 108670      | <5                      |                             | 15                      |                             | 5                       |                             | <0.2                      |                               |
| 108671      | <5                      |                             | <5                      |                             | <5                      |                             | 0.2                       |                               |
| 108672      | <5                      |                             | 10                      |                             | 8                       |                             | <0.2                      |                               |

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| Client : <b>Golden Chalice Resources</b> |                                           |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23055</b>                     |
|                                          | Your order number : <b>P.O. GCL-08-57</b> |
|                                          | Project : <b>LANGMUIR</b>                 |
|                                          | Total number of samples : <b>76</b>       |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 108673             | <5                      |                             | 30                      |                             | 41                      |                             | <0.2                      |                               |
| 108674             | <5                      |                             | 16                      |                             | 17                      |                             | <0.2                      |                               |
| 108675             | 14                      |                             | 90                      |                             | 96                      |                             | 0.9                       |                               |
| 108676             | 36                      |                             | 18                      |                             | 21                      |                             | 0.2                       |                               |
| 108677             | <5                      |                             | 15                      |                             | 18                      |                             | <0.2                      |                               |
| 108678             | <5                      |                             | 14                      |                             | 18                      |                             | 0.2                       |                               |
| 108679             | <5                      |                             | 5                       |                             | 9                       |                             | <0.2                      |                               |
| 108680             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 108681             | <5                      | <5                          | 5                       | <5                          | 13                      | 11                          | 0.4                       | 0.5                           |
| 108682             | <5                      |                             | 7                       |                             | 9                       |                             | <0.2                      |                               |
| 108683             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 108684             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 108685             | <5                      |                             | 6                       |                             | 7                       |                             | <0.2                      |                               |
| 108686             | <5                      |                             | 20                      |                             | 26                      |                             | <0.2                      |                               |
| 108687             | <5                      |                             | 10                      |                             | 18                      |                             | 0.4                       |                               |
| 108688             | <5                      |                             | 11                      |                             | 17                      |                             | 0.3                       |                               |
| 108689             | <5                      |                             | 10                      |                             | 23                      |                             | 0.3                       |                               |
| 108690             | <5                      |                             | 12                      |                             | 18                      |                             | <0.2                      |                               |
| 108691             | <5                      |                             | <5                      |                             | <5                      |                             | 0.3                       |                               |
| 108692             | <5                      |                             | <5                      |                             | <5                      |                             | 0.2                       |                               |

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|------------------------------------------|-------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                           |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23055</b>                     |
|                                          | Your order number : <b>P.O. GCL-08-57</b> |
|                                          | Project : <b>LANGMUIR</b>                 |
|                                          | Total number of samples : <b>76</b>       |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 108693             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 108694             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 108695             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 108696             | <5                      |                             | 9                       |                             | 17                      |                             | <0.2                      |                               |
| 108697             | <5                      |                             | <5                      |                             | <5                      |                             | 0.3                       |                               |
| 108698             | <5                      |                             | <5                      |                             | <5                      |                             | 0.5                       |                               |
| 108699             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 108700             | 12                      |                             | 34                      |                             | 44                      |                             | 0.6                       |                               |
| 108701             | <5                      |                             | <5                      |                             | <5                      |                             | 0.8                       |                               |
| 108702             | <5                      |                             | <5                      |                             | <5                      |                             | 0.6                       |                               |
| 108703             | 8                       |                             | <5                      |                             | <5                      |                             | 0.3                       |                               |
| 108704             | <5                      |                             | 10                      |                             | 24                      |                             | 0.2                       |                               |
| 108705             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | 0.8                       | 0.7                           |
| 108706             | <5                      |                             | <5                      |                             | <5                      |                             | 0.6                       |                               |
| 108707             | <5                      |                             | <5                      |                             | <5                      |                             | 1.0                       |                               |
| 108708             | <5                      |                             | <5                      |                             | <5                      |                             | 0.4                       |                               |

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|                                          |                                           |
|------------------------------------------|-------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                           |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23055</b>                     |
|                                          | Your order number : <b>P.O. GCL-08-57</b> |
|                                          | Project : <b>LANGMUIR</b>                 |
|                                          | Total number of samples : <b>76</b>       |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 108633             | 88                      | 100                         | 1659                    | 1651                        | 36                      | 38                          | 41                      | 35                          |
| 108634             | 90                      |                             | 1299                    |                             | 28                      |                             | 32                      |                             |
| 108635             | 96                      |                             | 1036                    |                             | 28                      |                             | 32                      |                             |
| 108636             | 78                      |                             | 1359                    |                             | 31                      |                             | 28                      |                             |
| 108637             | 83                      |                             | 1269                    |                             | 27                      |                             | 22                      |                             |
| 108638             | 73                      |                             | 940                     |                             | 39                      |                             | 21                      |                             |
| 108639             | 102                     |                             | 628                     |                             | 84                      |                             | 21                      |                             |
| 108640             | 119                     |                             | 667                     |                             | 103                     |                             | 19                      |                             |
| 108641             | 126                     |                             | 998                     |                             | 50                      |                             | 25                      |                             |
| 108642             | 101                     |                             | 681                     |                             | 179                     |                             | 24                      |                             |
| 108643             | 101                     |                             | 1260                    |                             | 46                      |                             | 27                      |                             |
| 108644             | 80                      |                             | 1597                    |                             | 31                      |                             | 27                      |                             |
| 108645             | 78                      | 79                          | 1496                    | 1528                        | 36                      | 35                          | 26                      | 34                          |
| 108646             | 78                      |                             | 1591                    |                             | 26                      |                             | 26                      |                             |
| 108647             | 81                      |                             | 1608                    |                             | 27                      |                             | 27                      |                             |
| 108648             | 88                      |                             | 1528                    |                             | 25                      |                             | 27                      |                             |
| 108649             | 122                     |                             | 3436                    |                             | 25                      |                             | 27                      |                             |
| 108650             | 132                     |                             | 120                     |                             | 19                      |                             | 18                      |                             |
| 108651             | 128                     |                             | 3116                    |                             | 25                      |                             | 27                      |                             |
| 108652             | 83                      |                             | 2688                    |                             | 24                      |                             | 27                      |                             |

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|------------------------------------------|-------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                           |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23055</b>                     |
|                                          | Your order number : <b>P.O. GCL-08-57</b> |
|                                          | Project : <b>LANGMUIR</b>                 |
|                                          | Total number of samples : <b>76</b>       |

| Designation | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|-------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 108653      | 91                      |                             | 1743                    |                             | 26                      |                             | 31                      |                             |
| 108654      | 900                     |                             | >DL                     |                             | 28                      |                             | 36                      |                             |
| 108655      | 3331                    |                             | >DL                     |                             | 39                      |                             | 38                      |                             |
| 108656      | 3336                    |                             | 9483                    |                             | 46                      |                             | 36                      |                             |
| 108657      | 1027                    | 1073                        | >DL                     | >DL                         | 33                      | 37                          | 37                      | 45                          |
| 108658      | 1142                    |                             | >DL                     |                             | 30                      |                             | 36                      |                             |
| 108659      | 2904                    |                             | >DL                     |                             | 48                      |                             | 37                      |                             |
| 108660      | 1841                    |                             | >DL                     |                             | 71                      |                             | 37                      |                             |
| 108661      | 899                     |                             | >DL                     |                             | 25                      |                             | 33                      |                             |
| 108662      | 140                     |                             | >DL                     |                             | 24                      |                             | 29                      |                             |
| 108663      | 78                      |                             | 1543                    |                             | 25                      |                             | 31                      |                             |
| 108664      | 61                      |                             | 1398                    |                             | 22                      |                             | 24                      |                             |
| 108665      | 62                      |                             | 1123                    |                             | 26                      |                             | 27                      |                             |
| 108666      | 72                      |                             | 1326                    |                             | 26                      |                             | 28                      |                             |
| 108667      | 89                      |                             | 1239                    |                             | 28                      |                             | 32                      |                             |
| 108668      | 88                      |                             | 1284                    |                             | 28                      |                             | 32                      |                             |
| 108669      | 213                     | 229                         | 1297                    | 1339                        | 34                      | 40                          | 37                      | 43                          |
| 108670      | 90                      |                             | 1367                    |                             | 27                      |                             | 33                      |                             |
| 108671      | 87                      |                             | 1616                    |                             | 21                      |                             | 30                      |                             |
| 108672      | 66                      |                             | 1424                    |                             | 21                      |                             | 27                      |                             |

>DL Value greater than detection limit

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|------------------------------------------|-------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                           |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23055</b>                     |
|                                          | Your order number : <b>P.O. GCL-08-57</b> |
|                                          | Project : <b>LANGMUIR</b>                 |
|                                          | Total number of samples : <b>76</b>       |

| Designation | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|-------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 108673      | 86                      |                             | 1479                    |                             | 28                      |                             | 31                      |                             |
| 108674      | 92                      |                             | 1381                    |                             | 29                      |                             | 32                      |                             |
| 108675      | 1757                    |                             | ----- >DL               |                             | 86                      |                             | 60                      |                             |
| 108676      | 80                      |                             | 1392                    |                             | 27                      |                             | 30                      |                             |
| 108677      | 83                      |                             | 1393                    |                             | 25                      |                             | 30                      |                             |
| 108678      | 91                      |                             | 1326                    |                             | 27                      |                             | 32                      |                             |
| 108679      | 80                      |                             | 1653                    |                             | 24                      |                             | 26                      |                             |
| 108680      | 90                      |                             | 1388                    |                             | 24                      |                             | 31                      |                             |
| 108681      | 63                      | 69                          | 1866                    | 1896                        | 39                      | 32                          | 26                      | 23                          |
| 108682      | 83                      |                             | 1851                    |                             | 47                      |                             | 28                      |                             |
| 108683      | 88                      |                             | 1787                    |                             | 35                      |                             | 31                      |                             |
| 108684      | 81                      |                             | 1606                    |                             | 33                      |                             | 30                      |                             |
| 108685      | 91                      |                             | 1550                    |                             | 37                      |                             | 33                      |                             |
| 108686      | 122                     |                             | 1701                    |                             | 33                      |                             | 31                      |                             |
| 108687      | 239                     |                             | 1812                    |                             | 35                      |                             | 32                      |                             |
| 108688      | 228                     |                             | 1761                    |                             | 38                      |                             | 33                      |                             |
| 108689      | 168                     |                             | 1812                    |                             | 37                      |                             | 33                      |                             |
| 108690      | 239                     |                             | 1827                    |                             | 40                      |                             | 36                      |                             |
| 108691      | 198                     |                             | 1282                    |                             | 37                      |                             | 31                      |                             |
| 108692      | 131                     |                             | 1072                    |                             | 38                      |                             | 31                      |                             |

>DL Value greater than detection limit



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|------------------------------------------|-------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                           |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23055</b>                     |
|                                          | Your order number : <b>P.O. GCL-08-57</b> |
|                                          | Project : <b>LANGMUIR</b>                 |
|                                          | Total number of samples : <b>76</b>       |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 108693             | 140                     | 150                         | 1239                    | 1229                        | 40                      | 44                          | 32                      | 34                          |
| 108694             | 181                     |                             | 1137                    |                             | 47                      |                             | 29                      |                             |
| 108695             | 89                      |                             | 747                     |                             | 34                      |                             | 25                      |                             |
| 108696             | 61                      |                             | 633                     |                             | 43                      |                             | 27                      |                             |
| 108697             | 278                     |                             | 464                     |                             | 2953                    |                             | 107                     |                             |
| 108698             | 399                     |                             | 470                     |                             | 5288                    |                             | 175                     |                             |
| 108699             | 128                     |                             | 63                      |                             | 56                      |                             | 18                      |                             |
| 108700             | 518                     |                             | 501                     |                             | 4081                    |                             | 117                     |                             |
| 108701             | 570                     |                             | 475                     |                             | 4476                    |                             | 136                     |                             |
| 108702             | 808                     |                             | 605                     |                             | 5083                    |                             | 101                     |                             |
| 108703             | 165                     |                             | 649                     |                             | 1912                    |                             | 74                      |                             |
| 108704             | 93                      |                             | 841                     |                             | 83                      |                             | 28                      |                             |
| 108705             | 117                     | 114                         | 1142                    | 1116                        | 75                      | 68                          | 28                      | 28                          |
| 108706             | 106                     |                             | 1227                    |                             | 55                      |                             | 26                      |                             |
| 108707             | 107                     |                             | 1365                    |                             | 40                      |                             | 28                      |                             |
| 108708             | 94                      |                             | 550                     |                             | 152                     |                             | 43                      |                             |

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|------------------------------------------|-------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                           |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23055</b>                     |
|                                          | Your order number : <b>P.O. GCL-08-57</b> |
|                                          | Project : <b>LANGMUIR</b>                 |
|                                          | Total number of samples : <b>76</b>       |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 | Zn<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|---------------------------|
| 108633             | 85                      | 90                          |                           |                               |                           |
| 108634             | 76                      |                             |                           |                               |                           |
| 108635             | 81                      |                             |                           |                               |                           |
| 108636             | 84                      |                             |                           |                               |                           |
| 108637             | 103                     |                             |                           |                               |                           |
| 108638             | 91                      |                             |                           |                               |                           |
| 108639             | 58                      |                             |                           |                               |                           |
| 108640             | 55                      |                             |                           |                               |                           |
| 108641             | 83                      |                             |                           |                               |                           |
| 108642             | 61                      |                             |                           |                               |                           |
| 108643             | 84                      |                             |                           |                               |                           |
| 108644             | 85                      |                             |                           |                               |                           |
| 108645             | 88                      | 92                          |                           |                               |                           |
| 108646             | 84                      |                             |                           |                               |                           |
| 108647             | 86                      |                             |                           |                               |                           |
| 108648             | 77                      |                             |                           |                               |                           |
| 108649             | 111                     |                             |                           |                               |                           |
| 108650             | 20                      |                             |                           |                               |                           |
| 108651             | 93                      |                             |                           |                               |                           |
| 108652             | 85                      |                             |                           |                               |                           |

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|------------------------------------------|-------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                           |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23055</b>                     |
|                                          | Your order number : <b>P.O. GCL-08-57</b> |
|                                          | Project : <b>LANGMUIR</b>                 |
|                                          | Total number of samples : <b>76</b>       |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 | Zn<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|---------------------------|
| 108653             | 60                      |                             |                           |                               |                           |
| 108654             | 278                     |                             | 2.250                     |                               |                           |
| 108655             | 241                     |                             | 1.700                     |                               |                           |
| 108656             | 213                     |                             | 0.930                     |                               |                           |
| 108657             | 252                     | 262                         | 1.270                     | 1.270                         |                           |
| 108658             | 200                     |                             | 1.150                     |                               |                           |
| 108659             | 287                     |                             | 1.860                     |                               |                           |
| 108660             | 522                     |                             | 3.180                     |                               |                           |
| 108661             | 259                     |                             | 1.570                     |                               |                           |
| 108662             | 188                     |                             | 1.140                     |                               |                           |
| 108663             | 65                      |                             |                           |                               |                           |
| 108664             | 70                      |                             |                           |                               |                           |
| 108665             | 67                      |                             |                           |                               |                           |
| 108666             | 78                      |                             |                           |                               |                           |
| 108667             | 80                      |                             |                           |                               |                           |
| 108668             | 84                      |                             |                           |                               |                           |
| 108669             | 89                      | 100                         |                           |                               |                           |
| 108670             | 80                      |                             |                           |                               |                           |
| 108671             | 78                      |                             |                           |                               |                           |
| 108672             | 78                      |                             |                           |                               |                           |

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|------------------------------------------|-------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                           |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23055</b>                     |
|                                          | Your order number : <b>P.O. GCL-08-57</b> |
|                                          | Project : <b>LANGMUIR</b>                 |
|                                          | Total number of samples : <b>76</b>       |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 | Zn<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|---------------------------|
| 108673             | 87                      |                             |                           |                               |                           |
| 108674             | 81                      |                             |                           |                               |                           |
| 108675             | 407                     |                             | 2.060                     |                               |                           |
| 108676             | 80                      |                             |                           |                               |                           |
| 108677             | 81                      |                             |                           |                               |                           |
| 108678             | 86                      |                             |                           |                               |                           |
| 108679             | 84                      |                             |                           |                               |                           |
| 108680             | 74                      |                             |                           |                               |                           |
| 108681             | 92                      | 101                         |                           |                               |                           |
| 108682             | 94                      |                             |                           |                               |                           |
| 108683             | 95                      |                             |                           |                               |                           |
| 108684             | 91                      |                             |                           |                               |                           |
| 108685             | 93                      |                             |                           |                               |                           |
| 108686             | 79                      |                             |                           |                               |                           |
| 108687             | 97                      |                             |                           |                               |                           |
| 108688             | 94                      |                             |                           |                               |                           |
| 108689             | 95                      |                             |                           |                               |                           |
| 108690             | 104                     |                             |                           |                               |                           |
| 108691             | 89                      |                             |                           |                               |                           |
| 108692             | 83                      |                             |                           |                               |                           |

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|------------------------------------------|-------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                           |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23055</b>                     |
|                                          | Your order number : <b>P.O. GCL-08-57</b> |
|                                          | Project : <b>LANGMUIR</b>                 |
|                                          | Total number of samples : <b>76</b>       |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 | Zn<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|---------------------------|
| 108693             | 89                      | 98                          |                           |                               |                           |
| 108694             | 84                      |                             |                           |                               |                           |
| 108695             | 71                      |                             |                           |                               |                           |
| 108696             | 65                      |                             |                           |                               |                           |
| 108697             | 102                     |                             |                           |                               |                           |
| 108698             | 116                     |                             |                           |                               | 0.510                     |
| 108699             | 19                      |                             |                           |                               |                           |
| 108700             | 145                     |                             |                           |                               |                           |
| 108701             | 122                     |                             |                           |                               |                           |
| 108702             | 159                     |                             |                           |                               | 0.490                     |
| 108703             | 92                      |                             |                           |                               |                           |
| 108704             | 75                      |                             |                           |                               |                           |
| 108705             | 84                      | 82                          |                           |                               |                           |
| 108706             | 87                      |                             |                           |                               |                           |
| 108707             | 85                      |                             |                           |                               |                           |
| 108708             | 73                      |                             |                           |                               |                           |

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|------------------------------------------|-------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                           |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23008</b>                     |
|                                          | Your order number : <b>P.O. GCL-08-60</b> |
|                                          | Project : <b>LANGMUIR</b>                 |
|                                          | Total number of samples : <b>90</b>       |

| Designation | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|-------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 118552      | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 118553      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118554      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118555      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118556      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118557      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118558      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118559      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118560      | 17                      |                             | <5                      |                             | 9                       |                             | <0.2                      |                               |
| 118561      | <5                      |                             | <5                      |                             | 10                      |                             | <0.2                      |                               |
| 118562      | <5                      |                             | <5                      |                             | 7                       |                             | <0.2                      |                               |
| 118563      | <5                      |                             | <5                      |                             | 7                       |                             | <0.2                      |                               |
| 118564      | 12                      | 14                          | <5                      | <5                          | 8                       | 6                           | <0.2                      | <0.2                          |
| 118565      | 78                      |                             | <5                      |                             | 7                       |                             | <0.2                      |                               |
| 118566      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118567      | 33                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118568      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118569      | 11                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118570      | 24                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118571      | 96                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |



Joe Landers, Manager

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Date : 2008/08/12

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|                                          |                                           |
|------------------------------------------|-------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                           |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23008</b>                     |
|                                          | Your order number : <b>P.O. GCL-08-60</b> |
|                                          | Project : <b>LANGMUIR</b>                 |
|                                          | Total number of samples : <b>90</b>       |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 118572             | 55                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118573             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118574             | 39                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118575             | <5                      |                             | 38                      |                             | 76                      |                             | 0.5                       |                               |
| 118576             | 7                       | 10                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 118577             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118578             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118579             | 176                     |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118580             | 6                       |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118581             | 6                       |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118582             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118583             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118584             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118585             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118586             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118587             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118588             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 118589             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118590             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118591             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |

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|                                          |                                           |
|------------------------------------------|-------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                           |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23008</b>                     |
|                                          | Your order number : <b>P.O. GCL-08-60</b> |
|                                          | Project : <b>LANGMUIR</b>                 |
|                                          | Total number of samples : <b>90</b>       |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 118592             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118593             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118594             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118595             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118596             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118597             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118598             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118599             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118600             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 118601             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118602             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118603             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118604             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118605             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118606             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118607             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118608             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118609             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118610             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118611             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |



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|                                          |                                           |
|------------------------------------------|-------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                           |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23008</b>                     |
|                                          | Your order number : <b>P.O. GCL-08-60</b> |
|                                          | Project : <b>LANGMUIR</b>                 |
|                                          | Total number of samples : <b>90</b>       |

| Designation | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|-------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 118612      | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 118613      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118614      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118615      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118616      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118617      | <5                      |                             | 160                     |                             | 346                     |                             | <0.2                      |                               |
| 118618      | 20                      |                             | 110                     |                             | 266                     |                             | <0.2                      |                               |
| 118619      | 16                      |                             | 37                      |                             | 63                      |                             | <0.2                      |                               |
| 118620      | <5                      |                             | 118                     |                             | 246                     |                             | <0.2                      |                               |
| 118621      | <5                      |                             | 12                      |                             | 13                      |                             | <0.2                      |                               |
| 118622      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118623      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118624      | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 118625      | <5                      |                             | 68                      |                             | 96                      |                             | 0.5                       |                               |
| 118626      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118627      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118628      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118629      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118630      | 8                       |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118631      | 363                     |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |

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|                                          |                                           |
|------------------------------------------|-------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                           |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23008</b>                     |
|                                          | Your order number : <b>P.O. GCL-08-60</b> |
|                                          | Project : <b>LANGMUIR</b>                 |
|                                          | Total number of samples : <b>90</b>       |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 118632             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118633             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118634             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118635             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118636             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 118637             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118638             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118639             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118640             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118641             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |

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|                                          |                                           |
|------------------------------------------|-------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                           |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23008</b>                     |
|                                          | Your order number : <b>P.O. GCL-08-60</b> |
|                                          | Project : <b>LANGMUIR</b>                 |
|                                          | Total number of samples : <b>90</b>       |

| Designation | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|-------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 118552      | 60                      | 60                          | 360                     | 344                         | 19                      | 18                          | 18                      | 16                          |
| 118553      | 120                     |                             | 1004                    |                             | 25                      |                             | 19                      |                             |
| 118554      | 108                     |                             | 1174                    |                             | 21                      |                             | 20                      |                             |
| 118555      | 69                      |                             | 1708                    |                             | 30                      |                             | 29                      |                             |
| 118556      | 65                      |                             | 1849                    |                             | 30                      |                             | 26                      |                             |
| 118557      | 74                      |                             | 1620                    |                             | 31                      |                             | 26                      |                             |
| 118558      | 57                      |                             | 1759                    |                             | 29                      |                             | 24                      |                             |
| 118559      | 67                      |                             | 1702                    |                             | 35                      |                             | 26                      |                             |
| 118560      | 160                     |                             | 1415                    |                             | 49                      |                             | 30                      |                             |
| 118561      | 64                      |                             | 1777                    |                             | 33                      |                             | 28                      |                             |
| 118562      | 61                      |                             | 1763                    |                             | 26                      |                             | 23                      |                             |
| 118563      | 60                      |                             | 1800                    |                             | 24                      |                             | 24                      |                             |
| 118564      | 54                      | 54                          | 1879                    | 1892                        | 23                      | 23                          | 21                      | 22                          |
| 118565      | 47                      |                             | 1921                    |                             | 21                      |                             | 20                      |                             |
| 118566      | 59                      |                             | 1789                    |                             | 26                      |                             | 25                      |                             |
| 118567      | 62                      |                             | 1981                    |                             | 22                      |                             | 22                      |                             |
| 118568      | 58                      |                             | 1888                    |                             | 29                      |                             | 20                      |                             |
| 118569      | 64                      |                             | 1917                    |                             | 21                      |                             | 24                      |                             |
| 118570      | 68                      |                             | 1837                    |                             | 23                      |                             | 27                      |                             |
| 118571      | 56                      |                             | 1811                    |                             | 21                      |                             | 22                      |                             |

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|                                          |                                           |
|------------------------------------------|-------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                           |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23008</b>                     |
|                                          | Your order number : <b>P.O. GCL-08-60</b> |
|                                          | Project : <b>LANGMUIR</b>                 |
|                                          | Total number of samples : <b>90</b>       |

| Designation | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|-------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 118572      | 54                      |                             | 1849                    |                             | 22                      |                             | 22                      |                             |
| 118573      | 54                      |                             | 1901                    |                             | 22                      |                             | 21                      |                             |
| 118574      | 58                      |                             | 1563                    |                             | 23                      |                             | 24                      |                             |
| 118575      | 2593                    |                             | ----- >DL               |                             | 86                      |                             | 30                      |                             |
| 118576      | 51                      | 47                          | 1896                    | 1867                        | 19                      | 19                          | 20                      | 19                          |
| 118577      | 56                      |                             | 1914                    |                             | 20                      |                             | 21                      |                             |
| 118578      | 49                      |                             | 1776                    |                             | 20                      |                             | 20                      |                             |
| 118579      | 56                      |                             | 1905                    |                             | 20                      |                             | 21                      |                             |
| 118580      | 62                      |                             | 1602                    |                             | 30                      |                             | 23                      |                             |
| 118581      | 55                      |                             | 1772                    |                             | 24                      |                             | 20                      |                             |
| 118582      | 54                      |                             | 1830                    |                             | 21                      |                             | 20                      |                             |
| 118583      | 52                      |                             | 1692                    |                             | 24                      |                             | 22                      |                             |
| 118584      | 54                      |                             | 1833                    |                             | 20                      |                             | 24                      |                             |
| 118585      | 64                      |                             | 1657                    |                             | 21                      |                             | 26                      |                             |
| 118586      | 56                      |                             | 1783                    |                             | 21                      |                             | 21                      |                             |
| 118587      | 61                      |                             | 1675                    |                             | 22                      |                             | 21                      |                             |
| 118588      | 85                      | 87                          | 1446                    | 1456                        | 24                      | 24                          | 28                      | 25                          |
| 118589      | 73                      |                             | 1324                    |                             | 24                      |                             | 25                      |                             |
| 118590      | 69                      |                             | 1452                    |                             | 25                      |                             | 23                      |                             |
| 118591      | 83                      |                             | 1489                    |                             | 23                      |                             | 20                      |                             |

>DL Value greater than detection limit

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|                                          |                                           |
|------------------------------------------|-------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                           |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23008</b>                     |
|                                          | Your order number : <b>P.O. GCL-08-60</b> |
|                                          | Project : <b>LANGMUIR</b>                 |
|                                          | Total number of samples : <b>90</b>       |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 118592             | 94                      |                             | 700                     |                             | 21                      |                             | 18                      |                             |
| 118593             | 92                      |                             | 1009                    |                             | 30                      |                             | 20                      |                             |
| 118594             | 162                     |                             | 1216                    |                             | 148                     |                             | 19                      |                             |
| 118595             | 88                      |                             | 508                     |                             | 704                     |                             | 19                      |                             |
| 118596             | 70                      |                             | 563                     |                             | 144                     |                             | 22                      |                             |
| 118597             | 201                     |                             | 1328                    |                             | 46                      |                             | 18                      |                             |
| 118598             | 130                     |                             | 1417                    |                             | 39                      |                             | 23                      |                             |
| 118599             | 61                      |                             | 1571                    |                             | 38                      |                             | 24                      |                             |
| 118600             | 20                      | 18                          | 95                      | 88                          | 7                       | 7                           | 6                       | <2                          |
| 118601             | 57                      |                             | 1575                    |                             | 34                      |                             | 21                      |                             |
| 118602             | 48                      |                             | 1598                    |                             | 25                      |                             | 19                      |                             |
| 118603             | 57                      |                             | 1674                    |                             | 33                      |                             | 21                      |                             |
| 118604             | 60                      |                             | 1712                    |                             | 26                      |                             | 20                      |                             |
| 118605             | 60                      |                             | 1740                    |                             | 25                      |                             | 21                      |                             |
| 118606             | 66                      |                             | 1671                    |                             | 28                      |                             | 22                      |                             |
| 118607             | 68                      |                             | 1734                    |                             | 37                      |                             | 23                      |                             |
| 118608             | 64                      |                             | 1654                    |                             | 34                      |                             | 24                      |                             |
| 118609             | 63                      |                             | 1606                    |                             | 34                      |                             | 27                      |                             |
| 118610             | 54                      |                             | 1460                    |                             | 29                      |                             | 23                      |                             |
| 118611             | 62                      |                             | 1530                    |                             | 31                      |                             | 24                      |                             |

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|------------------------------------------|-------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                           |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23008</b>                     |
|                                          | Your order number : <b>P.O. GCL-08-60</b> |
|                                          | Project : <b>LANGMUIR</b>                 |
|                                          | Total number of samples : <b>90</b>       |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 118612             | 56                      | 55                          | 1383                    | 1432                        | 30                      | 28                          | 24                      | 21                          |
| 118613             | 34                      |                             | 371                     |                             | 14                      |                             | 14                      |                             |
| 118614             | 48                      |                             | 1396                    |                             | 24                      |                             | 19                      |                             |
| 118615             | 49                      |                             | 1267                    |                             | 21                      |                             | 21                      |                             |
| 118616             | 67                      |                             | 1214                    |                             | 24                      |                             | 23                      |                             |
| 118617             | 102                     |                             | ----- >DL               |                             | 24                      |                             | 25                      |                             |
| 118618             | 83                      |                             | 7665                    |                             | 21                      |                             | 26                      |                             |
| 118619             | 62                      |                             | 2746                    |                             | 16                      |                             | 20                      |                             |
| 118620             | 157                     |                             | 7910                    |                             | 17                      |                             | 19                      |                             |
| 118621             | 68                      |                             | 1895                    |                             | 17                      |                             | 20                      |                             |
| 118622             | 65                      |                             | 1811                    |                             | 22                      |                             | 21                      |                             |
| 118623             | 65                      |                             | 1728                    |                             | 21                      |                             | 23                      |                             |
| 118624             | 56                      | 54                          | 1628                    | 1644                        | 22                      | 21                          | 23                      | 23                          |
| 118625             | 1782                    |                             | ----- >DL               |                             | 90                      |                             | 51                      |                             |
| 118626             | 65                      |                             | 2030                    |                             | 28                      |                             | 18                      |                             |
| 118627             | 54                      |                             | 1818                    |                             | 25                      |                             | 18                      |                             |
| 118628             | 14                      |                             | 604                     |                             | 17                      |                             | 9                       |                             |
| 118629             | 18                      |                             | 510                     |                             | 19                      |                             | 18                      |                             |
| 118630             | 60                      |                             | 1231                    |                             | 33                      |                             | 31                      |                             |
| 118631             | 88                      |                             | 726                     |                             | 29                      |                             | 29                      |                             |

>DL Value greater than detection limit

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|------------------------------------------|-------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                           |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23008</b>                     |
|                                          | Your order number : <b>P.O. GCL-08-60</b> |
|                                          | Project : <b>LANGMUIR</b>                 |
|                                          | Total number of samples : <b>90</b>       |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 118632             | 70                      |                             | 1196                    |                             | 27                      |                             | 25                      |                             |
| 118633             | 96                      |                             | 1300                    |                             | 25                      |                             | 24                      |                             |
| 118634             | 102                     |                             | 1542                    |                             | 34                      |                             | 23                      |                             |
| 118635             | 64                      |                             | 1549                    |                             | 38                      |                             | 24                      |                             |
| 118636             | 157                     | 164                         | 740                     | 772                         | 23                      | 23                          | 23                      | 24                          |
| 118637             | 48                      |                             | 1512                    |                             | 24                      |                             | 19                      |                             |
| 118638             | 177                     |                             | 1274                    |                             | 23                      |                             | 20                      |                             |
| 118639             | 60                      |                             | 1509                    |                             | 26                      |                             | 21                      |                             |
| 118640             | 72                      |                             | 1026                    |                             | 36                      |                             | 24                      |                             |
| 118641             | 72                      |                             | 1289                    |                             | 29                      |                             | 22                      |                             |

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|------------------------------------------|-------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                           |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23008</b>                     |
|                                          | Your order number : <b>P.O. GCL-08-60</b> |
|                                          | Project : <b>LANGMUIR</b>                 |
|                                          | Total number of samples : <b>90</b>       |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|
| 118552             | 34                      | 40                          |                           |
| 118553             | 60                      |                             |                           |
| 118554             | 76                      |                             |                           |
| 118555             | 87                      |                             |                           |
| 118556             | 87                      |                             |                           |
| 118557             | 81                      |                             |                           |
| 118558             | 82                      |                             |                           |
| 118559             | 81                      |                             |                           |
| 118560             | 81                      |                             |                           |
| 118561             | 87                      |                             |                           |
| 118562             | 94                      |                             |                           |
| 118563             | 90                      |                             |                           |
| 118564             | 83                      | 87                          |                           |
| 118565             | 80                      |                             |                           |
| 118566             | 79                      |                             |                           |
| 118567             | 79                      |                             |                           |
| 118568             | 80                      |                             |                           |
| 118569             | 81                      |                             |                           |
| 118570             | 81                      |                             |                           |
| 118571             | 90                      |                             |                           |



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|------------------------------------------|-------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                           |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23008</b>                     |
|                                          | Your order number : <b>P.O. GCL-08-60</b> |
|                                          | Project : <b>LANGMUIR</b>                 |
|                                          | Total number of samples : <b>90</b>       |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|
| 118572             | 84                      |                             |                           |
| 118573             | 86                      |                             |                           |
| 118574             | 70                      |                             |                           |
| 118575             | 225                     |                             | 1.340                     |
| 118576             | 85                      | 88                          |                           |
| 118577             | 76                      |                             |                           |
| 118578             | 75                      |                             |                           |
| 118579             | 82                      |                             |                           |
| 118580             | 72                      |                             |                           |
| 118581             | 83                      |                             |                           |
| 118582             | 89                      |                             |                           |
| 118583             | 84                      |                             |                           |
| 118584             | 90                      |                             |                           |
| 118585             | 81                      |                             |                           |
| 118586             | 80                      |                             |                           |
| 118587             | 79                      |                             |                           |
| 118588             | 76                      | 78                          |                           |
| 118589             | 69                      |                             |                           |
| 118590             | 81                      |                             |                           |
| 118591             | 80                      |                             |                           |

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|------------------------------------------|-------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                           |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23008</b>                     |
|                                          | Your order number : <b>P.O. GCL-08-60</b> |
|                                          | Project : <b>LANGMUIR</b>                 |
|                                          | Total number of samples : <b>90</b>       |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|
| 118592             | 67                      |                             |                           |
| 118593             | 75                      |                             |                           |
| 118594             | 91                      |                             |                           |
| 118595             | 55                      |                             |                           |
| 118596             | 83                      |                             |                           |
| 118597             | 80                      |                             |                           |
| 118598             | 79                      |                             |                           |
| 118599             | 81                      |                             |                           |
| 118600             | 7                       | 8                           |                           |
| 118601             | 78                      |                             |                           |
| 118602             | 76                      |                             |                           |
| 118603             | 79                      |                             |                           |
| 118604             | 80                      |                             |                           |
| 118605             | 80                      |                             |                           |
| 118606             | 79                      |                             |                           |
| 118607             | 84                      |                             |                           |
| 118608             | 81                      |                             |                           |
| 118609             | 83                      |                             |                           |
| 118610             | 76                      |                             |                           |
| 118611             | 79                      |                             |                           |

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|------------------------------------------|-------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                           |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23008</b>                     |
|                                          | Your order number : <b>P.O. GCL-08-60</b> |
|                                          | Project : <b>LANGMUIR</b>                 |
|                                          | Total number of samples : <b>90</b>       |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|
| 118612             | 77                      | 71                          |                           |
| 118613             | 32                      |                             |                           |
| 118614             | 71                      |                             |                           |
| 118615             | 63                      |                             |                           |
| 118616             | 66                      |                             |                           |
| 118617             | 251                     |                             | 1.440                     |
| 118618             | 134                     |                             | 0.740                     |
| 118619             | 49                      |                             |                           |
| 118620             | 103                     |                             | 0.790                     |
| 118621             | 56                      |                             |                           |
| 118622             | 79                      |                             |                           |
| 118623             | 79                      |                             |                           |
| 118624             | 82                      | 82                          |                           |
| 118625             | 387                     |                             | 2.050                     |
| 118626             | 84                      |                             |                           |
| 118627             | 80                      |                             |                           |
| 118628             | 51                      |                             |                           |
| 118629             | 44                      |                             |                           |
| 118630             | 82                      |                             |                           |
| 118631             | 80                      |                             |                           |

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|------------------------------------------|-------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                           |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>23008</b>                     |
|                                          | Your order number : <b>P.O. GCL-08-60</b> |
|                                          | Project : <b>LANGMUIR</b>                 |
|                                          | Total number of samples : <b>90</b>       |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|
| 118632             | 84                      |                             |                           |
| 118633             | 77                      |                             |                           |
| 118634             | 88                      |                             |                           |
| 118635             | 75                      |                             |                           |
| 118636             | 66                      | 60                          |                           |
| 118637             | 66                      |                             |                           |
| 118638             | 72                      |                             |                           |
| 118639             | 82                      |                             |                           |
| 118640             | 67                      |                             |                           |
| 118641             | 74                      |                             |                           |

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|------------------------------------------|-------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                           |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22996</b>                     |
|                                          | Your order number : <b>P.O. GCL-08-59</b> |
|                                          | Project : <b>LANGMUIR</b>                 |
|                                          | Total number of samples : <b>67</b>       |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 118501             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 118502             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118503             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118504             | <5                      |                             | 24                      |                             | 24                      |                             | 0.2                       |                               |
| 118505             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118506             | <5                      |                             | 8                       |                             | 11                      |                             | <0.2                      |                               |
| 118507             | <5                      |                             | 10                      |                             | 11                      |                             | <0.2                      |                               |
| 118508             | 7                       |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118509             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118510             | <5                      |                             | 7                       |                             | 5                       |                             | <0.2                      |                               |
| 118511             | <5                      |                             | 8                       |                             | 8                       |                             | <0.2                      |                               |
| 118512             | <5                      |                             | 16                      |                             | 32                      |                             | <0.2                      |                               |
| 118513             | <5                      | <5                          | 6                       | 8                           | 13                      | 11                          | <0.2                      | <0.2                          |
| 118514             | <5                      |                             | 64                      |                             | 158                     |                             | <0.2                      |                               |
| 118515             | <5                      |                             | 70                      |                             | 169                     |                             | <0.2                      |                               |
| 118516             | <5                      |                             | 87                      |                             | 217                     |                             | 0.2                       |                               |
| 118517             | <5                      |                             | 97                      |                             | 202                     |                             | <0.2                      |                               |
| 118518             | <5                      |                             | 13                      |                             | 21                      |                             | <0.2                      |                               |
| 118519             | <5                      |                             | 100                     |                             | 202                     |                             | <0.2                      |                               |
| 118520             | <5                      |                             | 23                      |                             | 33                      |                             | <0.2                      |                               |



Joe Landers, Manager

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|------------------------------------------|-------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                           |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22996</b>                     |
|                                          | Your order number : <b>P.O. GCL-08-59</b> |
|                                          | Project : <b>LANGMUIR</b>                 |
|                                          | Total number of samples : <b>67</b>       |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 118521             | 35                      |                             | 12                      |                             | 15                      |                             | <0.2                      |                               |
| 118522             | <5                      |                             | 33                      |                             | 67                      |                             | <0.2                      |                               |
| 118523             | <5                      |                             | 46                      |                             | 57                      |                             | <0.2                      |                               |
| 118524             | <5                      |                             | 11                      |                             | 8                       |                             | <0.2                      |                               |
| 118525             | 12                      | 14                          | 182                     | 194                         | 90                      | 86                          | 0.8                       | 0.8                           |
| 118526             | <5                      |                             | 22                      |                             | 23                      |                             | <0.2                      |                               |
| 118527             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118528             | <5                      |                             | 10                      |                             | 6                       |                             | <0.2                      |                               |
| 118529             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118530             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118531             | <5                      |                             | 11                      |                             | 13                      |                             | <0.2                      |                               |
| 118532             | <5                      |                             | 9                       |                             | 14                      |                             | <0.2                      |                               |
| 118533             | 10                      |                             | 12                      |                             | 28                      |                             | <0.2                      |                               |
| 118534             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118535             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118536             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118537             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 118538             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118539             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118540             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |

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|------------------------------------------|-------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                           |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22996</b>                     |
|                                          | Your order number : <b>P.O. GCL-08-59</b> |
|                                          | Project : <b>LANGMUIR</b>                 |
|                                          | Total number of samples : <b>67</b>       |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 118541             | <5                      |                             | 8                       |                             | 6                       |                             | <0.2                      |                               |
| 118542             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118543             | <5                      |                             | 5                       |                             | 8                       |                             | <0.2                      |                               |
| 118544             | <5                      |                             | 9                       |                             | 8                       |                             | <0.2                      |                               |
| 118545             | <5                      |                             | 14                      |                             | 25                      |                             | <0.2                      |                               |
| 118546             | 9                       |                             | 6                       |                             | 8                       |                             | 0.2                       |                               |
| 118547             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118548             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118549             | <5                      | <5                          | 13                      | 16                          | 32                      | 30                          | <0.2                      | <0.2                          |
| 118550             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 108801             | <5                      |                             | 18                      |                             | 35                      |                             | <0.2                      |                               |
| 108802             | <5                      |                             | 17                      |                             | 29                      |                             | 0.2                       |                               |
| 108803             | <5                      |                             | 12                      |                             | 36                      |                             | <0.2                      |                               |
| 108804             | <5                      |                             | 14                      |                             | 22                      |                             | <0.2                      |                               |
| 108805             | <5                      |                             | 11                      |                             | 25                      |                             | <0.2                      |                               |
| 108806             | <5                      |                             | 14                      |                             | 26                      |                             | <0.2                      |                               |
| 108807             | <5                      |                             | 21                      |                             | 26                      |                             | <0.2                      |                               |
| 108808             | <5                      |                             | 23                      |                             | 56                      |                             | <0.2                      |                               |
| 108809             | <5                      |                             | 19                      |                             | 28                      |                             | <0.2                      |                               |
| 108810             | <5                      |                             | 22                      |                             | 30                      |                             | <0.2                      |                               |

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|------------------------------------------|-------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                           |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22996</b>                     |
|                                          | Your order number : <b>P.O. GCL-08-59</b> |
|                                          | Project : <b>LANGMUIR</b>                 |
|                                          | Total number of samples : <b>67</b>       |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| <b>108811</b>      | <5                      | <5                          | 14                      | 15                          | 17                      | 17                          | <0.2                      | <0.2                          |
| <b>108812</b>      | <5                      |                             | 10                      |                             | 14                      |                             | <0.2                      |                               |
| <b>108813</b>      | <5                      |                             | 8                       |                             | 10                      |                             | <0.2                      |                               |
| <b>108814</b>      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| <b>108815</b>      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| <b>108816</b>      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| <b>108817</b>      | <5                      |                             | 12                      |                             | 11                      |                             | <0.2                      |                               |



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|------------------------------------------|-------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                           |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22996</b>                     |
|                                          | Your order number : <b>P.O. GCL-08-59</b> |
|                                          | Project : <b>LANGMUIR</b>                 |
|                                          | Total number of samples : <b>67</b>       |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 118501             | 68                      | 69                          | 1878                    | 1893                        | 154                     | 152                         | 24                      | 24                          |
| 118502             | 117                     |                             | 1102                    |                             | 50                      |                             | 21                      |                             |
| 118503             | 120                     |                             | 1044                    |                             | 98                      |                             | 18                      |                             |
| 118504             | 127                     |                             | 804                     |                             | 753                     |                             | 27                      |                             |
| 118505             | 97                      |                             | 1398                    |                             | 54                      |                             | 29                      |                             |
| 118506             | 144                     |                             | 963                     |                             | 41                      |                             | 22                      |                             |
| 118507             | 63                      |                             | 453                     |                             | 50                      |                             | 19                      |                             |
| 118508             | 394                     |                             | 880                     |                             | 45                      |                             | 19                      |                             |
| 118509             | 220                     |                             | 1091                    |                             | 37                      |                             | 21                      |                             |
| 118510             | 137                     |                             | 743                     |                             | 39                      |                             | 25                      |                             |
| 118511             | 343                     |                             | 1111                    |                             | 36                      |                             | 27                      |                             |
| 118512             | 102                     |                             | 1812                    |                             | 48                      |                             | 29                      |                             |
| 118513             | 94                      | 87                          | 2046                    | 2127                        | 34                      | 33                          | 26                      | 25                          |
| 118514             | 297                     |                             | 6868                    |                             | 35                      |                             | 29                      |                             |
| 118515             | 354                     |                             | 7203                    |                             | 33                      |                             | 29                      |                             |
| 118516             | 742                     |                             | ----- >DL               |                             | 34                      |                             | 29                      |                             |
| 118517             | 276                     |                             | 7146                    |                             | 32                      |                             | 30                      |                             |
| 118518             | 117                     |                             | 2217                    |                             | 25                      |                             | 24                      |                             |
| 118519             | 196                     |                             | 6587                    |                             | 23                      |                             | 29                      |                             |
| 118520             | 106                     |                             | 2194                    |                             | 20                      |                             | 23                      |                             |

>DL Value greater than detection limit

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|------------------------------------------|-------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                           |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22996</b>                     |
|                                          | Your order number : <b>P.O. GCL-08-59</b> |
|                                          | Project : <b>LANGMUIR</b>                 |
|                                          | Total number of samples : <b>67</b>       |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 118521             | 91                      |                             | 2248                    |                             | 21                      |                             | 23                      |                             |
| 118522             | 106                     |                             | 3892                    |                             | 20                      |                             | 22                      |                             |
| 118523             | 65                      |                             | 2620                    |                             | 21                      |                             | 22                      |                             |
| 118524             | 89                      |                             | 1477                    |                             | 28                      |                             | 29                      |                             |
| 118525             | 3046                    | 3083                        | 6021                    | 6068                        | 60                      | 58                          | 29                      | 32                          |
| 118526             | 87                      |                             | 1391                    |                             | 39                      |                             | 34                      |                             |
| 118527             | 93                      |                             | 1670                    |                             | 43                      |                             | 33                      |                             |
| 118528             | 78                      |                             | 1921                    |                             | 39                      |                             | 24                      |                             |
| 118529             | 85                      |                             | 1676                    |                             | 36                      |                             | 25                      |                             |
| 118530             | 84                      |                             | 1785                    |                             | 37                      |                             | 25                      |                             |
| 118531             | 87                      |                             | 1821                    |                             | 41                      |                             | 30                      |                             |
| 118532             | 81                      |                             | 1901                    |                             | 41                      |                             | 26                      |                             |
| 118533             | 95                      |                             | 2291                    |                             | 44                      |                             | 33                      |                             |
| 118534             | 101                     |                             | 1567                    |                             | 41                      |                             | 27                      |                             |
| 118535             | 89                      |                             | 1626                    |                             | 50                      |                             | 31                      |                             |
| 118536             | 83                      |                             | 1555                    |                             | 43                      |                             | 31                      |                             |
| 118537             | 104                     | 96                          | 1716                    | 1786                        | 53                      | 48                          | 27                      | 29                          |
| 118538             | 106                     |                             | 1653                    |                             | 46                      |                             | 27                      |                             |
| 118539             | 126                     |                             | 1470                    |                             | 40                      |                             | 29                      |                             |
| 118540             | 137                     |                             | 1656                    |                             | 41                      |                             | 27                      |                             |

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|------------------------------------------|-------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                           |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22996</b>                     |
|                                          | Your order number : <b>P.O. GCL-08-59</b> |
|                                          | Project : <b>LANGMUIR</b>                 |
|                                          | Total number of samples : <b>67</b>       |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 118541             | 160                     |                             | 1212                    |                             | 45                      |                             | 25                      |                             |
| 118542             | 154                     |                             | 1144                    |                             | 43                      |                             | 24                      |                             |
| 118543             | 181                     |                             | 995                     |                             | 52                      |                             | 46                      |                             |
| 118544             | 117                     |                             | 907                     |                             | 62                      |                             | 19                      |                             |
| 118545             | 136                     |                             | 1653                    |                             | 53                      |                             | 18                      |                             |
| 118546             | 166                     |                             | 1648                    |                             | 86                      |                             | 23                      |                             |
| 118547             | 264                     |                             | 1291                    |                             | 751                     |                             | 41                      |                             |
| 118548             | 206                     |                             | 1834                    |                             | 507                     |                             | 23                      |                             |
| 118549             | 292                     | 290                         | 2614                    | 2554                        | 56                      | 53                          | 31                      | 26                          |
| 118550             | 12                      |                             | 33                      |                             | 10                      |                             | 8                       |                             |
| 108801             | 306                     |                             | 2506                    |                             | 52                      |                             | 29                      |                             |
| 108802             | 343                     |                             | 2493                    |                             | 68                      |                             | 36                      |                             |
| 108803             | 262                     |                             | 2861                    |                             | 57                      |                             | 36                      |                             |
| 108804             | 267                     |                             | 1997                    |                             | 56                      |                             | 36                      |                             |
| 108805             | 209                     |                             | 1854                    |                             | 53                      |                             | 33                      |                             |
| 108806             | 210                     |                             | 1997                    |                             | 50                      |                             | 29                      |                             |
| 108807             | 247                     |                             | 1846                    |                             | 49                      |                             | 25                      |                             |
| 108808             | 192                     |                             | 2511                    |                             | 47                      |                             | 1162                    |                             |
| 108809             | 219                     |                             | 1979                    |                             | 50                      |                             | 29                      |                             |
| 108810             | 200                     |                             | 2082                    |                             | 42                      |                             | 28                      |                             |

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|------------------------------------------|-------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                           |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22996</b>                     |
|                                          | Your order number : <b>P.O. GCL-08-59</b> |
|                                          | Project : <b>LANGMUIR</b>                 |
|                                          | Total number of samples : <b>67</b>       |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| <b>108811</b>      | 161                     | 165                         | 1636                    | 1650                        | 38                      | 39                          | 21                      | 22                          |
| <b>108812</b>      | 159                     |                             | 1571                    |                             | 46                      |                             | 24                      |                             |
| <b>108813</b>      | 160                     |                             | 1462                    |                             | 38                      |                             | 19                      |                             |
| <b>108814</b>      | 156                     |                             | 1480                    |                             | 42                      |                             | 18                      |                             |
| <b>108815</b>      | 134                     |                             | 1262                    |                             | 48                      |                             | 24                      |                             |
| <b>108816</b>      | 80                      |                             | 1152                    |                             | 53                      |                             | 21                      |                             |
| <b>108817</b>      | 57                      |                             | 615                     |                             | 96                      |                             | 19                      |                             |

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|------------------------------------------|-------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                           |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22996</b>                     |
|                                          | Your order number : <b>P.O. GCL-08-59</b> |
|                                          | Project : <b>LANGMUIR</b>                 |
|                                          | Total number of samples : <b>67</b>       |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 118501             | 98                      | 97                          |                           |                               |
| 118502             | 88                      |                             |                           |                               |
| 118503             | 88                      |                             |                           |                               |
| 118504             | 111                     |                             |                           |                               |
| 118505             | 88                      |                             |                           |                               |
| 118506             | 79                      |                             |                           |                               |
| 118507             | 56                      |                             |                           |                               |
| 118508             | 81                      |                             |                           |                               |
| 118509             | 84                      |                             |                           |                               |
| 118510             | 67                      |                             |                           |                               |
| 118511             | 93                      |                             |                           |                               |
| 118512             | 92                      |                             |                           |                               |
| 118513             | 83                      | 80                          |                           |                               |
| 118514             | 149                     |                             | 0.670                     |                               |
| 118515             | 141                     |                             | 0.700                     |                               |
| 118516             | 197                     |                             | 1.120                     |                               |
| 118517             | 126                     |                             | 0.730                     |                               |
| 118518             | 87                      |                             |                           |                               |
| 118519             | 151                     |                             | 0.630                     |                               |
| 118520             | 79                      |                             |                           |                               |

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|------------------------------------------|-------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                           |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22996</b>                     |
|                                          | Your order number : <b>P.O. GCL-08-59</b> |
|                                          | Project : <b>LANGMUIR</b>                 |
|                                          | Total number of samples : <b>67</b>       |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 118521             | 73                      |                             |                           |                               |
| 118522             | 90                      |                             |                           |                               |
| 118523             | 72                      |                             |                           |                               |
| 118524             | 81                      |                             |                           |                               |
| 118525             | 287                     | 305                         | 0.610                     | 0.610                         |
| 118526             | 94                      |                             |                           |                               |
| 118527             | 91                      |                             |                           |                               |
| 118528             | 102                     |                             |                           |                               |
| 118529             | 96                      |                             |                           |                               |
| 118530             | 99                      |                             |                           |                               |
| 118531             | 98                      |                             |                           |                               |
| 118532             | 100                     |                             |                           |                               |
| 118533             | 120                     |                             |                           |                               |
| 118534             | 100                     |                             |                           |                               |
| 118535             | 99                      |                             |                           |                               |
| 118536             | 95                      |                             |                           |                               |
| 118537             | 105                     | 101                         |                           |                               |
| 118538             | 100                     |                             |                           |                               |
| 118539             | 89                      |                             |                           |                               |
| 118540             | 100                     |                             |                           |                               |

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|------------------------------------------|-------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                           |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22996</b>                     |
|                                          | Your order number : <b>P.O. GCL-08-59</b> |
|                                          | Project : <b>LANGMUIR</b>                 |
|                                          | Total number of samples : <b>67</b>       |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 118541             | 91                      |                             |                           |                               |
| 118542             | 92                      |                             |                           |                               |
| 118543             | 89                      |                             |                           |                               |
| 118544             | 81                      |                             |                           |                               |
| 118545             | 96                      |                             |                           |                               |
| 118546             | 109                     |                             |                           |                               |
| 118547             | 147                     |                             |                           |                               |
| 118548             | 115                     |                             |                           |                               |
| 118549             | 118                     | 117                         |                           |                               |
| 118550             | 3                       |                             |                           |                               |
| 108801             | 115                     |                             |                           |                               |
| 108802             | 110                     |                             |                           |                               |
| 108803             | 119                     |                             |                           |                               |
| 108804             | 114                     |                             |                           |                               |
| 108805             | 110                     |                             |                           |                               |
| 108806             | 104                     |                             |                           |                               |
| 108807             | 92                      |                             |                           |                               |
| 108808             | 111                     |                             |                           |                               |
| 108809             | 103                     |                             |                           |                               |
| 108810             | 109                     |                             |                           |                               |

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| Client : <b>Golden Chalice Resources</b> |                                           |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22996</b>                     |
|                                          | Your order number : <b>P.O. GCL-08-59</b> |
|                                          | Project : <b>LANGMUIR</b>                 |
|                                          | Total number of samples : <b>67</b>       |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| <b>108811</b>      | 88                      | 89                          |                           |                               |
| <b>108812</b>      | 92                      |                             |                           |                               |
| <b>108813</b>      | 86                      |                             |                           |                               |
| <b>108814</b>      | 86                      |                             |                           |                               |
| <b>108815</b>      | 78                      |                             |                           |                               |
| <b>108816</b>      | 81                      |                             |                           |                               |
| <b>108817</b>      | 68                      |                             |                           |                               |



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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22995</b>                |
|                                          | Your order number : <b>GCL-08-61</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>91</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 118642             | <5                      | <5                          | 14                      | 9                           | 11                      | 8                           | <0.2                      | <0.2                          |
| 118643             | <5                      |                             | 21                      |                             | 18                      |                             | <0.2                      |                               |
| 118644             | <5                      |                             | 31                      |                             | 41                      |                             | <0.2                      |                               |
| 118645             | <5                      |                             | 11                      |                             | 8                       |                             | <0.2                      |                               |
| 118646             | <5                      |                             | 11                      |                             | 11                      |                             | <0.2                      |                               |
| 118647             | <5                      |                             | 36                      |                             | 72                      |                             | <0.2                      |                               |
| 118648             | <5                      |                             | 26                      |                             | 21                      |                             | <0.2                      |                               |
| 118649             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118650             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118651             | 19                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118652             | 14                      |                             | 10                      |                             | <5                      |                             | <0.2                      |                               |
| 118653             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118654             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 118655             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118656             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118657             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118658             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118659             | 49                      |                             | 19                      |                             | 15                      |                             | <0.2                      |                               |
| 118660             | <5                      |                             | 15                      |                             | 6                       |                             | <0.2                      |                               |
| 118661             | <5                      |                             | 11                      |                             | 12                      |                             | <0.2                      |                               |



Joe Landers, Manager

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22995</b>                |
|                                          | Your order number : <b>GCL-08-61</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>91</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 118662             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118663             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118664             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118665             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118666             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 118667             | <5                      |                             | 15                      |                             | 16                      |                             | <0.2                      |                               |
| 118668             | <5                      |                             | 69                      |                             | 119                     |                             | <0.2                      |                               |
| 118669             | <5                      |                             | 100                     |                             | 203                     |                             | <0.2                      |                               |
| 118670             | <5                      |                             | 37                      |                             | 57                      |                             | <0.2                      |                               |
| 118671             | <5                      |                             | 28                      |                             | 71                      |                             | <0.2                      |                               |
| 118672             | 10                      |                             | 98                      |                             | 226                     |                             | 0.3                       |                               |
| 118673             | <5                      |                             | 59                      |                             | 147                     |                             | <0.2                      |                               |
| 118674             | <5                      |                             | 95                      |                             | 272                     |                             | 0.6                       |                               |
| 118675             | 24                      |                             | 182                     |                             | 96                      |                             | <0.2                      |                               |
| 118676             | 104                     |                             | 116                     |                             | 243                     |                             | <0.2                      |                               |
| 118677             | 486                     |                             | 135                     |                             | 365                     |                             | <0.2                      |                               |
| 118678             | 95                      | 96                          | 141                     | 129                         | 281                     | 265                         | 0.2                       | 0.3                           |
| 118679             | 18                      |                             | 90                      |                             | 198                     |                             | <0.2                      |                               |
| 118680             | <5                      |                             | 17                      |                             | 42                      |                             | <0.2                      |                               |
| 118681             | <5                      |                             | 17                      |                             | 35                      |                             | <0.2                      |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22995</b>                |
|                                          | Your order number : <b>GCL-08-61</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>91</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 118682             | <5                      |                             | 12                      |                             | 31                      |                             | <0.2                      |                               |
| 118683             | <5                      |                             | 10                      |                             | 20                      |                             | <0.2                      |                               |
| 118684             | <5                      |                             | 20                      |                             | 27                      |                             | <0.2                      |                               |
| 118685             | <5                      |                             | 18                      |                             | 37                      |                             | <0.2                      |                               |
| 118686             | <5                      |                             | 26                      |                             | 47                      |                             | <0.2                      |                               |
| 118687             | <5                      |                             | 114                     |                             | 219                     |                             | <0.2                      |                               |
| 118688             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118689             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118690             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 118691             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118692             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118693             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118694             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118695             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118696             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118697             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118698             | <5                      |                             | 10                      |                             | 6                       |                             | <0.2                      |                               |
| 118699             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118700             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118701             | <5                      |                             | 5                       |                             | 8                       |                             | <0.2                      |                               |

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|                                          |                                      |
|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22995</b>                |
|                                          | Your order number : <b>GCL-08-61</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>91</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 118702             | <5                      | <5                          | 5                       | <5                          | 6                       | <5                          | <0.2                      | <0.2                          |
| 118703             | <5                      |                             | 8                       |                             | 7                       |                             | <0.2                      |                               |
| 118704             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118705             | <5                      |                             | 9                       |                             | 8                       |                             | <0.2                      |                               |
| 118706             | <5                      |                             | 5                       |                             | 6                       |                             | <0.2                      |                               |
| 118707             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118708             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118709             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118710             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118711             | 55                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118712             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118713             | 26                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118714             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 118715             | 9                       |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118716             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118717             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118718             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118719             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118720             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118721             | <5                      |                             | 7                       |                             | 8                       |                             | <0.2                      |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22995</b>                |
|                                          | Your order number : <b>GCL-08-61</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>91</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 118722             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118723             | <5                      |                             | 7                       |                             | 9                       |                             | <0.2                      |                               |
| 118724             | <5                      |                             | 6                       |                             | 7                       |                             | 0.4                       |                               |
| 118725             | 18                      |                             | 80                      |                             | 102                     |                             | 0.6                       |                               |
| 118726             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 118727             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118728             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118729             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118730             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118731             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 118732             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22995</b>                |
|                                          | Your order number : <b>GCL-08-61</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>91</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 118642             | 184                     | 175                         | 1129                    | 1126                        | 36                      | 30                          | 22                      | 20                          |
| 118643             | 154                     |                             | 1147                    |                             | 43                      |                             | 25                      |                             |
| 118644             | 341                     |                             | 1852                    |                             | 34                      |                             | 25                      |                             |
| 118645             | 166                     |                             | 1232                    |                             | 35                      |                             | 29                      |                             |
| 118646             | 215                     |                             | 1375                    |                             | 35                      |                             | 32                      |                             |
| 118647             | 138                     |                             | 3850                    |                             | 44                      |                             | 34                      |                             |
| 118648             | 74                      |                             | 1652                    |                             | 35                      |                             | 30                      |                             |
| 118649             | 58                      |                             | 1738                    |                             | 31                      |                             | 25                      |                             |
| 118650             | 13                      |                             | 76                      |                             | 8                       |                             | <2                      |                             |
| 118651             | 61                      |                             | 1735                    |                             | 31                      |                             | 25                      |                             |
| 118652             | 54                      |                             | 1678                    |                             | 24                      |                             | 21                      |                             |
| 118653             | 54                      |                             | 1813                    |                             | 24                      |                             | 22                      |                             |
| 118654             | 58                      | 54                          | 1797                    | 1790                        | 25                      | 28                          | 22                      | 20                          |
| 118655             | 58                      |                             | 1732                    |                             | 24                      |                             | 24                      |                             |
| 118656             | 57                      |                             | 1694                    |                             | 24                      |                             | 23                      |                             |
| 118657             | 64                      |                             | 1899                    |                             | 31                      |                             | 25                      |                             |
| 118658             | 56                      |                             | 1876                    |                             | 31                      |                             | 26                      |                             |
| 118659             | 78                      |                             | 1752                    |                             | 36                      |                             | 32                      |                             |
| 118660             | 160                     |                             | 879                     |                             | 29                      |                             | 31                      |                             |
| 118661             | 125                     |                             | 324                     |                             | 34                      |                             | 28                      |                             |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22995</b>                |
|                                          | Your order number : <b>GCL-08-61</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>91</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 118662             | 98                      |                             | 1339                    |                             | 31                      |                             | 28                      |                             |
| 118663             | 75                      |                             | 1407                    |                             | 30                      |                             | 29                      |                             |
| 118664             | 74                      |                             | 1557                    |                             | 32                      |                             | 27                      |                             |
| 118665             | 120                     |                             | 1530                    |                             | 30                      |                             | 32                      |                             |
| 118666             | 73                      | 69                          | 1247                    | 1340                        | 29                      | 22                          | 27                      | 23                          |
| 118667             | 82                      |                             | 1827                    |                             | 29                      |                             | 29                      |                             |
| 118668             | 81                      |                             | 3615                    |                             | 22                      |                             | 23                      |                             |
| 118669             | 173                     |                             | 6737                    |                             | 22                      |                             | 24                      |                             |
| 118670             | 86                      |                             | 2152                    |                             | 21                      |                             | 23                      |                             |
| 118671             | 218                     |                             | 1805                    |                             | 26                      |                             | 29                      |                             |
| 118672             | 1056                    |                             | 9864                    |                             | 33                      |                             | 33                      |                             |
| 118673             | 1067                    |                             | 8991                    |                             | 34                      |                             | 32                      |                             |
| 118674             | 2952                    |                             | 6308                    |                             | 53                      |                             | 31                      |                             |
| 118675             | 1542                    |                             | ----- >DL               |                             | 29                      |                             | 29                      |                             |
| 118676             | 990                     |                             | ----- >DL               |                             | 27                      |                             | 25                      |                             |
| 118677             | 1096                    |                             | ----- >DL               |                             | 28                      |                             | 29                      |                             |
| 118678             | 1241                    | 1355                        | ----- >DL               |                             | 24                      | 21                          | 23                      | 22                          |
| 118679             | 935                     |                             | ----- >DL               |                             | 25                      |                             | 24                      |                             |
| 118680             | 243                     |                             | 3060                    |                             | 30                      |                             | 28                      |                             |
| 118681             | 197                     |                             | 2572                    |                             | 28                      |                             | 26                      |                             |

>DL Value greater than detection limit

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22995</b>                |
|                                          | Your order number : <b>GCL-08-61</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>91</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 118682             | 146                     |                             | 2768                    |                             | 24                      |                             | 22                      |                             |
| 118683             | 137                     |                             | 2718                    |                             | 28                      |                             | 24                      |                             |
| 118684             | 109                     |                             | 2148                    |                             | 24                      |                             | 24                      |                             |
| 118685             | 108                     |                             | 2941                    |                             | 24                      |                             | 24                      |                             |
| 118686             | 115                     |                             | 2456                    |                             | 27                      |                             | 25                      |                             |
| 118687             | 184                     |                             | 5809                    |                             | 30                      |                             | 28                      |                             |
| 118688             | 74                      |                             | 1531                    |                             | 26                      |                             | 23                      |                             |
| 118689             | 71                      |                             | 1499                    |                             | 25                      |                             | 24                      |                             |
| 118690             | 74                      | 69                          | 1416                    | 1436                        | 25                      | 19                          | 22                      | 18                          |
| 118691             | 56                      |                             | 475                     |                             | 45                      |                             | 26                      |                             |
| 118692             | 82                      |                             | 1442                    |                             | 32                      |                             | 22                      |                             |
| 118693             | 57                      |                             | 1349                    |                             | 33                      |                             | 23                      |                             |
| 118694             | 66                      |                             | 1523                    |                             | 36                      |                             | 25                      |                             |
| 118695             | 72                      |                             | 1481                    |                             | 34                      |                             | 25                      |                             |
| 118696             | 75                      |                             | 1504                    |                             | 34                      |                             | 23                      |                             |
| 118697             | 68                      |                             | 1582                    |                             | 33                      |                             | 22                      |                             |
| 118698             | 58                      |                             | 1458                    |                             | 38                      |                             | 23                      |                             |
| 118699             | 67                      |                             | 1445                    |                             | 52                      |                             | 26                      |                             |
| 118700             | 8                       |                             | 39                      |                             | 4                       |                             | 2                       |                             |
| 118701             | 178                     |                             | 1355                    |                             | 44                      |                             | 26                      |                             |



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Date : 2008/08/11

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|                                          |                                      |
|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22995</b>                |
|                                          | Your order number : <b>GCL-08-61</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>91</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 118702             | 158                     | 166                         | 1223                    | 1235                        | 45                      | 38                          | 27                      | 24                          |
| 118703             | 142                     |                             | 751                     |                             | 44                      |                             | 19                      |                             |
| 118704             | 142                     |                             | 865                     |                             | 41                      |                             | 19                      |                             |
| 118705             | 133                     |                             | 756                     |                             | 38                      |                             | 18                      |                             |
| 118706             | 139                     |                             | 1080                    |                             | 44                      |                             | 20                      |                             |
| 118707             | 27                      |                             | 1855                    |                             | 49                      |                             | 16                      |                             |
| 118708             | 63                      |                             | 504                     |                             | 15                      |                             | 11                      |                             |
| 118709             | 56                      |                             | 1548                    |                             | 27                      |                             | 24                      |                             |
| 118710             | 60                      |                             | 1708                    |                             | 25                      |                             | 22                      |                             |
| 118711             | 62                      |                             | 1760                    |                             | 26                      |                             | 23                      |                             |
| 118712             | 68                      |                             | 1700                    |                             | 27                      |                             | 25                      |                             |
| 118713             | 100                     |                             | 1339                    |                             | 29                      |                             | 36                      |                             |
| 118714             | 55                      | 52                          | 1949                    | 1848                        | 27                      | 22                          | 34                      | 36                          |
| 118715             | 54                      |                             | 1785                    |                             | 24                      |                             | 57                      |                             |
| 118716             | 50                      |                             | 1720                    |                             | 22                      |                             | 23                      |                             |
| 118717             | 44                      |                             | 1519                    |                             | 22                      |                             | 32                      |                             |
| 118718             | 59                      |                             | 1539                    |                             | 30                      |                             | 24                      |                             |
| 118719             | 54                      |                             | 1499                    |                             | 31                      |                             | 25                      |                             |
| 118720             | 60                      |                             | 1384                    |                             | 30                      |                             | 25                      |                             |
| 118721             | 69                      |                             | 1390                    |                             | 25                      |                             | 26                      |                             |

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|                                          |                                      |
|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22995</b>                |
|                                          | Your order number : <b>GCL-08-61</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>91</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 118722             | 81                      |                             | 1308                    |                             | 17                      |                             | 18                      |                             |
| 118723             | 82                      |                             | 1348                    |                             | 24                      |                             | 14                      |                             |
| 118724             | 116                     |                             | 1221                    |                             | 38                      |                             | 15                      |                             |
| 118725             | 2449                    |                             | ----- >DL               |                             | 88                      |                             | 36                      |                             |
| 118726             | 90                      | 82                          | 1324                    | 1324                        | 26                      | 23                          | 24                      | 22                          |
| 118727             | 78                      |                             | 1408                    |                             | 43                      |                             | 24                      |                             |
| 118728             | 55                      |                             | 1499                    |                             | 30                      |                             | 23                      |                             |
| 118729             | 65                      |                             | 1602                    |                             | 31                      |                             | 24                      |                             |
| 118730             | 73                      |                             | 1155                    |                             | 29                      |                             | 26                      |                             |
| 118731             | 76                      |                             | 1079                    |                             | 20                      |                             | 21                      |                             |
| 118732             | 83                      |                             | 61                      |                             | 27                      |                             | 15                      |                             |

>DL Value greater than detection limit

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|                                          |                                      |
|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22995</b>                |
|                                          | Your order number : <b>GCL-08-61</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>91</b>  |

| <u>Designation</u> | <u>Co<br/>AAT-7<br/>ppm<br/>2</u> | <u>Co-Dup<br/>AAT-7<br/>ppm<br/>2</u> | <u>Ni<br/>AAT-8<br/>%<br/>0.010</u> | <u>Ni-Dup<br/>AAT-8<br/>%<br/>0.010</u> |
|--------------------|-----------------------------------|---------------------------------------|-------------------------------------|-----------------------------------------|
| 118642             | 74                                | 68                                    |                                     |                                         |
| 118643             | 70                                |                                       |                                     |                                         |
| 118644             | 99                                |                                       |                                     |                                         |
| 118645             | 69                                |                                       |                                     |                                         |
| 118646             | 81                                |                                       |                                     |                                         |
| 118647             | 114                               |                                       |                                     |                                         |
| 118648             | 74                                |                                       |                                     |                                         |
| 118649             | 79                                |                                       |                                     |                                         |
| 118650             | 6                                 |                                       |                                     |                                         |
| 118651             | 82                                |                                       |                                     |                                         |
| 118652             | 75                                |                                       |                                     |                                         |
| 118653             | 74                                |                                       |                                     |                                         |
| 118654             | 80                                | 74                                    |                                     |                                         |
| 118655             | 71                                |                                       |                                     |                                         |
| 118656             | 64                                |                                       |                                     |                                         |
| 118657             | 77                                |                                       |                                     |                                         |
| 118658             | 80                                |                                       |                                     |                                         |
| 118659             | 76                                |                                       |                                     |                                         |
| 118660             | 73                                |                                       |                                     |                                         |
| 118661             | 53                                |                                       |                                     |                                         |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22995</b>                |
|                                          | Your order number : <b>GCL-08-61</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>91</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 118662             | 82                      |                             |                           |                               |
| 118663             | 85                      |                             |                           |                               |
| 118664             | 86                      |                             |                           |                               |
| 118665             | 82                      |                             |                           |                               |
| 118666             | 60                      | 59                          |                           |                               |
| 118667             | 72                      |                             |                           |                               |
| 118668             | 122                     |                             |                           |                               |
| 118669             | 142                     |                             | 0.660                     |                               |
| 118670             | 60                      |                             |                           |                               |
| 118671             | 51                      |                             |                           |                               |
| 118672             | 174                     |                             | 1.110                     |                               |
| 118673             | 155                     |                             | 0.910                     |                               |
| 118674             | 296                     |                             | 0.610                     |                               |
| 118675             | 208                     |                             | 1.370                     |                               |
| 118676             | 193                     |                             | 1.380                     |                               |
| 118677             | 252                     |                             | 2.160                     |                               |
| 118678             | 202                     | 214                         | 1.980                     | 1.980                         |
| 118679             | 136                     |                             | 1.020                     |                               |
| 118680             | 97                      |                             |                           |                               |
| 118681             | 84                      |                             |                           |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22995</b>                |
|                                          | Your order number : <b>GCL-08-61</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>91</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 118682             | 81                      |                             |                           |                               |
| 118683             | 82                      |                             |                           |                               |
| 118684             | 69                      |                             |                           |                               |
| 118685             | 80                      |                             |                           |                               |
| 118686             | 65                      |                             |                           |                               |
| 118687             | 121                     |                             |                           |                               |
| 118688             | 65                      |                             |                           |                               |
| 118689             | 72                      |                             |                           |                               |
| 118690             | 74                      | 73                          |                           |                               |
| 118691             | 42                      |                             |                           |                               |
| 118692             | 76                      |                             |                           |                               |
| 118693             | 74                      |                             |                           |                               |
| 118694             | 84                      |                             |                           |                               |
| 118695             | 82                      |                             |                           |                               |
| 118696             | 81                      |                             |                           |                               |
| 118697             | 81                      |                             |                           |                               |
| 118698             | 80                      |                             |                           |                               |
| 118699             | 82                      |                             |                           |                               |
| 118700             | 3                       |                             |                           |                               |
| 118701             | 83                      |                             |                           |                               |

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Date : 2008/08/11

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|                                          |                                      |
|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22995</b>                |
|                                          | Your order number : <b>GCL-08-61</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>91</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 118702             | 78                      | 73                          |                           |                               |
| 118703             | 64                      |                             |                           |                               |
| 118704             | 73                      |                             |                           |                               |
| 118705             | 68                      |                             |                           |                               |
| 118706             | 79                      |                             |                           |                               |
| 118707             | 91                      |                             |                           |                               |
| 118708             | 31                      |                             |                           |                               |
| 118709             | 81                      |                             |                           |                               |
| 118710             | 93                      |                             |                           |                               |
| 118711             | 85                      |                             |                           |                               |
| 118712             | 87                      |                             |                           |                               |
| 118713             | 77                      |                             |                           |                               |
| 118714             | 90                      | 82                          |                           |                               |
| 118715             | 88                      |                             |                           |                               |
| 118716             | 83                      |                             |                           |                               |
| 118717             | 76                      |                             |                           |                               |
| 118718             | 79                      |                             |                           |                               |
| 118719             | 83                      |                             |                           |                               |
| 118720             | 80                      |                             |                           |                               |
| 118721             | 77                      |                             |                           |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22995</b>                |
|                                          | Your order number : <b>GCL-08-61</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>91</b>  |

| <u>Designation</u> | <u>Co<br/>AAT-7<br/>ppm<br/>2</u> | <u>Co-Dup<br/>AAT-7<br/>ppm<br/>2</u> | <u>Ni<br/>AAT-8<br/>%<br/>0.010</u> | <u>Ni-Dup<br/>AAT-8<br/>%<br/>0.010</u> |
|--------------------|-----------------------------------|---------------------------------------|-------------------------------------|-----------------------------------------|
| 118722             | 74                                |                                       |                                     |                                         |
| 118723             | 83                                |                                       |                                     |                                         |
| 118724             | 82                                |                                       |                                     |                                         |
| 118725             | 245                               |                                       | 1.330                               |                                         |
| 118726             | 76                                | 73                                    |                                     |                                         |
| 118727             | 80                                |                                       |                                     |                                         |
| 118728             | 84                                |                                       |                                     |                                         |
| 118729             | 91                                |                                       |                                     |                                         |
| 118730             | 65                                |                                       |                                     |                                         |
| 118731             | 61                                |                                       |                                     |                                         |
| 118732             | 26                                |                                       |                                     |                                         |

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Date : 2008/07/23

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|                                          |                                      |
|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22884</b>                |
|                                          | Your order number : <b>GCL-08-58</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>67</b>  |

| Designation | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|-------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 108709      | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | 0.3                       | 0.3                           |
| 108710      | <5                      |                             | <5                      |                             | <5                      |                             | 0.4                       |                               |
| 108711      | <5                      |                             | <5                      |                             | <5                      |                             | 0.3                       |                               |
| 108712      | <5                      |                             | <5                      |                             | <5                      |                             | 0.4                       |                               |
| 108713      | <5                      |                             | <5                      |                             | <5                      |                             | 0.3                       |                               |
| 108714      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 108715      | <5                      |                             | <5                      |                             | <5                      |                             | 0.5                       |                               |
| 108716      | <5                      |                             | <5                      |                             | <5                      |                             | 0.5                       |                               |
| 108717      | <5                      |                             | <5                      |                             | <5                      |                             | 0.3                       |                               |
| 108718      | <5                      |                             | <5                      |                             | <5                      |                             | 0.3                       |                               |
| 108719      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 108720      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 108721      | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | 0.6                       | 0.5                           |
| 108722      | <5                      |                             | <5                      |                             | <5                      |                             | 0.3                       |                               |
| 108723      | <5                      |                             | <5                      |                             | <5                      |                             | 0.5                       |                               |
| 108724      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 108725      | <5                      |                             | <5                      |                             | <5                      |                             | 0.4                       |                               |
| 108726      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 108727      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 108728      | <5                      |                             | <5                      |                             | <5                      |                             | 0.2                       |                               |



Joe Landers, Manager



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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22884</b>                |
|                                          | Your order number : <b>GCL-08-58</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>67</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 108729             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 108730             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 108731             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 108732             | <5                      |                             | <5                      |                             | <5                      |                             | 0.4                       |                               |
| 108733             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | 0.2                       | <0.2                          |
| 108734             | <5                      |                             | <5                      |                             | <5                      |                             | 0.3                       |                               |
| 108735             | 10                      |                             | 74                      |                             | 88                      |                             | 0.8                       |                               |
| 108736             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 108737             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 108738             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 108739             | <5                      |                             | <5                      |                             | <5                      |                             | 0.3                       |                               |
| 108740             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 108741             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 108742             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 108743             | <5                      |                             | <5                      |                             | <5                      |                             | 0.4                       |                               |
| 108744             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 108745             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | 0.2                       | 0.2                           |
| 108746             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 108747             | <5                      |                             | <5                      |                             | <5                      |                             | 0.2                       |                               |
| 108748             | <5                      |                             | <5                      |                             | <5                      |                             | 0.2                       |                               |

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|                                          |                                      |
|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22884</b>                |
|                                          | Your order number : <b>GCL-08-58</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>67</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 108749             | <5                      |                             | 14                      |                             | 8                       |                             | <0.2                      |                               |
| 108750             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 108751             | <5                      |                             | 10                      |                             | 6                       |                             | 0.4                       |                               |
| 108752             | <5                      |                             | <5                      |                             | <5                      |                             | 0.2                       |                               |
| 108753             | <5                      |                             | <5                      |                             | <5                      |                             | 0.3                       |                               |
| 108754             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 108755             | <5                      |                             | <5                      |                             | <5                      |                             | 0.2                       |                               |
| 108756             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 108757             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 108758             | <5                      |                             | <5                      |                             | <5                      |                             | 0.2                       |                               |
| 108759             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 108760             | <5                      |                             | 8                       |                             | 7                       |                             | <0.2                      |                               |
| 108761             | <5                      |                             | <5                      |                             | <5                      |                             | 0.2                       |                               |
| 108762             | <5                      |                             | <5                      |                             | <5                      |                             | 0.2                       |                               |
| 108763             | <5                      |                             | <5                      |                             | <5                      |                             | 0.5                       |                               |
| 108764             | <5                      |                             | <5                      |                             | <5                      |                             | 0.3                       |                               |
| 108765             | <5                      |                             | 19                      |                             | 16                      |                             | <0.2                      |                               |
| 108766             | <5                      |                             | 30                      |                             | 53                      |                             | <0.2                      |                               |
| 108767             | <5                      |                             | 10                      |                             | 8                       |                             | 0.2                       |                               |
| 108768             | <5                      |                             | 20                      |                             | 19                      |                             | <0.2                      |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22884</b>                |
|                                          | Your order number : <b>GCL-08-58</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>67</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| <b>108769</b>      | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | 0.2                       | 0.3                           |
| <b>108770</b>      | <5                      |                             | 25                      |                             | 11                      |                             | 0.2                       |                               |
| <b>108771</b>      | <5                      |                             | 21                      |                             | 12                      |                             | 0.3                       |                               |
| <b>108772</b>      | <5                      |                             | 19                      |                             | 12                      |                             | 0.2                       |                               |
| <b>108773</b>      | <5                      |                             | <5                      |                             | <5                      |                             | 0.4                       |                               |
| <b>108774</b>      | <5                      |                             | <5                      |                             | <5                      |                             | 1.1                       |                               |
| <b>108775</b>      | 26                      |                             | 206                     |                             | 98                      |                             | 0.6                       |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22884</b>                |
|                                          | Your order number : <b>GCL-08-58</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>67</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 108709             | 93                      | 90                          | 421                     | 424                         | 231                     | 228                         | 33                      | 32                          |
| 108710             | 157                     |                             | 236                     |                             | 179                     |                             | 25                      |                             |
| 108711             | 110                     |                             | 93                      |                             | 86                      |                             | 12                      |                             |
| 108712             | 127                     |                             | 74                      |                             | 70                      |                             | 13                      |                             |
| 108713             | 121                     |                             | 71                      |                             | 86                      |                             | 11                      |                             |
| 108714             | 166                     |                             | 98                      |                             | 132                     |                             | 17                      |                             |
| 108715             | 39                      |                             | 827                     |                             | 72                      |                             | 13                      |                             |
| 108716             | 120                     |                             | 1188                    |                             | 34                      |                             | 9                       |                             |
| 108717             | 121                     |                             | 1343                    |                             | 40                      |                             | 16                      |                             |
| 108718             | 83                      |                             | 1586                    |                             | 47                      |                             | 16                      |                             |
| 108719             | 58                      |                             | 1438                    |                             | 46                      |                             | 20                      |                             |
| 108720             | 78                      |                             | 1895                    |                             | 53                      |                             | 20                      |                             |
| 108721             | 97                      | 89                          | 1914                    | 1918                        | 33                      | 34                          | 17                      | 16                          |
| 108722             | 61                      |                             | 1556                    |                             | 31                      |                             | 16                      |                             |
| 108723             | 67                      |                             | 1870                    |                             | 32                      |                             | 19                      |                             |
| 108724             | 65                      |                             | 1765                    |                             | 35                      |                             | 22                      |                             |
| 108725             | 78                      |                             | 1193                    |                             | 35                      |                             | 22                      |                             |
| 108726             | 177                     |                             | 853                     |                             | 28                      |                             | 14                      |                             |
| 108727             | 72                      |                             | 503                     |                             | 58                      |                             | 16                      |                             |
| 108728             | 73                      |                             | 631                     |                             | 115                     |                             | 21                      |                             |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22884</b>                |
|                                          | Your order number : <b>GCL-08-58</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>67</b>  |

| Designation | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|-------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 108729      | 48                      |                             | 1573                    |                             | 43                      |                             | 19                      |                             |
| 108730      | 78                      |                             | 1468                    |                             | 45                      |                             | 17                      |                             |
| 108731      | 118                     |                             | 496                     |                             | 52                      |                             | 18                      |                             |
| 108732      | 42                      |                             | 1522                    |                             | 40                      |                             | 19                      |                             |
| 108733      | 52                      | 55                          | 1389                    | 1486                        | 27                      | 27                          | 13                      | 13                          |
| 108734      | 55                      |                             | 1730                    |                             | 30                      |                             | 15                      |                             |
| 108735      | 1906                    |                             | ----- >DL               |                             | 87                      |                             | 52                      |                             |
| 108736      | 63                      |                             | 1898                    |                             | 33                      |                             | 19                      |                             |
| 108737      | 62                      |                             | 1696                    |                             | 32                      |                             | 18                      |                             |
| 108738      | 48                      |                             | 1829                    |                             | 34                      |                             | 18                      |                             |
| 108739      | 44                      |                             | 1648                    |                             | 36                      |                             | 17                      |                             |
| 108740      | 50                      |                             | 1482                    |                             | 36                      |                             | 19                      |                             |
| 108741      | 51                      |                             | 1611                    |                             | 42                      |                             | 22                      |                             |
| 108742      | 54                      |                             | 1335                    |                             | 40                      |                             | 23                      |                             |
| 108743      | 58                      |                             | 1450                    |                             | 41                      |                             | 22                      |                             |
| 108744      | 52                      |                             | 1026                    |                             | 48                      |                             | 21                      |                             |
| 108745      | 51                      | 51                          | 1445                    | 1508                        | 38                      | 37                          | 22                      | 22                          |
| 108746      | 56                      |                             | 1564                    |                             | 42                      |                             | 23                      |                             |
| 108747      | 62                      |                             | 1588                    |                             | 48                      |                             | 25                      |                             |
| 108748      | 53                      |                             | 1436                    |                             | 42                      |                             | 22                      |                             |

>DL Value greater than detection limit

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22884</b>                |
|                                          | Your order number : <b>GCL-08-58</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>67</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 108749             | 51                      |                             | 1326                    |                             | 39                      |                             | 22                      |                             |
| 108750             | 26                      |                             | 39                      |                             | 37                      |                             | 7                       |                             |
| 108751             | 46                      |                             | 1164                    |                             | 36                      |                             | 21                      |                             |
| 108752             | 61                      |                             | 944                     |                             | 53                      |                             | 26                      |                             |
| 108753             | 74                      |                             | 865                     |                             | 42                      |                             | 28                      |                             |
| 108754             | 59                      |                             | 1244                    |                             | 39                      |                             | 24                      |                             |
| 108755             | 53                      |                             | 1348                    |                             | 43                      |                             | 24                      |                             |
| 108756             | 57                      |                             | 1294                    |                             | 52                      |                             | 25                      |                             |
| 108757             | 53                      | 47                          | 1437                    | 1354                        | 48                      | 45                          | 23                      | 20                          |
| 108758             | 52                      |                             | 1462                    |                             | 38                      |                             | 23                      |                             |
| 108759             | 48                      |                             | 1131                    |                             | 42                      |                             | 20                      |                             |
| 108760             | 61                      |                             | 1409                    |                             | 35                      |                             | 22                      |                             |
| 108761             | 54                      |                             | 1418                    |                             | 36                      |                             | 23                      |                             |
| 108762             | 50                      |                             | 1965                    |                             | 32                      |                             | 20                      |                             |
| 108763             | 48                      |                             | 1659                    |                             | 30                      |                             | 21                      |                             |
| 108764             | 51                      |                             | 1269                    |                             | 38                      |                             | 19                      |                             |
| 108765             | 63                      |                             | 977                     |                             | 37                      |                             | 21                      |                             |
| 108766             | 304                     |                             | 2353                    |                             | 33                      |                             | 19                      |                             |
| 108767             | 121                     |                             | 1235                    |                             | 35                      |                             | 20                      |                             |
| 108768             | 121                     |                             | 1516                    |                             | 36                      |                             | 21                      |                             |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22884</b>                |
|                                          | Your order number : <b>GCL-08-58</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>67</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| <b>108769</b>      | 61                      | 62                          | 1544                    | 1561                        | 50                      | 46                          | 23                      | 23                          |
| <b>108770</b>      | 145                     |                             | 1109                    |                             | 36                      |                             | 11                      |                             |
| <b>108771</b>      | 62                      |                             | 880                     |                             | 48                      |                             | 13                      |                             |
| <b>108772</b>      | 85                      |                             | 839                     |                             | 49                      |                             | 14                      |                             |
| <b>108773</b>      | 91                      |                             | 742                     |                             | 91                      |                             | 27                      |                             |
| <b>108774</b>      | 51                      |                             | 543                     |                             | 123                     |                             | 199                     |                             |
| <b>108775</b>      | 3053                    |                             | 6073                    |                             | 60                      |                             | 26                      |                             |

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| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22884</b>                |
|                                          | Your order number : <b>GCL-08-58</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>67</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|
| 108709             | 69                      | 73                          |                           |
| 108710             | 65                      |                             |                           |
| 108711             | 44                      |                             |                           |
| 108712             | 41                      |                             |                           |
| 108713             | 41                      |                             |                           |
| 108714             | 57                      |                             |                           |
| 108715             | 75                      |                             |                           |
| 108716             | 65                      |                             |                           |
| 108717             | 91                      |                             |                           |
| 108718             | 92                      |                             |                           |
| 108719             | 76                      |                             |                           |
| 108720             | 99                      |                             |                           |
| 108721             | 90                      | 92                          |                           |
| 108722             | 84                      |                             |                           |
| 108723             | 94                      |                             |                           |
| 108724             | 94                      |                             |                           |
| 108725             | 81                      |                             |                           |
| 108726             | 67                      |                             |                           |
| 108727             | 66                      |                             |                           |
| 108728             | 77                      |                             |                           |



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| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22884</b>                |
|                                          | Your order number : <b>GCL-08-58</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>67</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|
| 108729             | 91                      |                             |                           |
| 108730             | 90                      |                             |                           |
| 108731             | 66                      |                             |                           |
| 108732             | 85                      |                             |                           |
| 108733             | 69                      | 75                          |                           |
| 108734             | 85                      |                             |                           |
| 108735             | 401                     |                             | 1.970                     |
| 108736             | 95                      |                             |                           |
| 108737             | 89                      |                             |                           |
| 108738             | 93                      |                             |                           |
| 108739             | 84                      |                             |                           |
| 108740             | 87                      |                             |                           |
| 108741             | 101                     |                             |                           |
| 108742             | 82                      |                             |                           |
| 108743             | 93                      |                             |                           |
| 108744             | 55                      |                             |                           |
| 108745             | 85                      | 90                          |                           |
| 108746             | 93                      |                             |                           |
| 108747             | 93                      |                             |                           |
| 108748             | 80                      |                             |                           |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22884</b>                |
|                                          | Your order number : <b>GCL-08-58</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>67</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|
| 108749             | 75                      |                             |                           |
| 108750             | 21                      |                             |                           |
| 108751             | 70                      |                             |                           |
| 108752             | 64                      |                             |                           |
| 108753             | 62                      |                             |                           |
| 108754             | 83                      |                             |                           |
| 108755             | 89                      |                             |                           |
| 108756             | 83                      |                             |                           |
| 108757             | 91                      | 86                          |                           |
| 108758             | 92                      |                             |                           |
| 108759             | 84                      |                             |                           |
| 108760             | 86                      |                             |                           |
| 108761             | 82                      |                             |                           |
| 108762             | 83                      |                             |                           |
| 108763             | 87                      |                             |                           |
| 108764             | 88                      |                             |                           |
| 108765             | 71                      |                             |                           |
| 108766             | 124                     |                             |                           |
| 108767             | 88                      |                             |                           |
| 108768             | 99                      |                             |                           |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22884</b>                |
|                                          | Your order number : <b>GCL-08-58</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>67</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|
| 108769             | 95                      | 93                          |                           |
| 108770             | 78                      |                             |                           |
| 108771             | 71                      |                             |                           |
| 108772             | 78                      |                             |                           |
| 108773             | 69                      |                             |                           |
| 108774             | 64                      |                             |                           |
| 108775             | 309                     |                             | 0.610                     |

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| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22617</b>                |
|                                          | Your order number : <b>GCL-08-53</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>91</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 106610             | <5                      | <5                          | <5                      | <5                          | 6                       | 5                           | <0.2                      | <0.2                          |
| 106611             | <5                      |                             | <5                      |                             | 7                       |                             | <0.2                      |                               |
| 106612             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106613             | <5                      |                             | <5                      |                             | 11                      |                             | <0.2                      |                               |
| 106614             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106615             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106616             | <5                      |                             | <5                      |                             | 7                       |                             | <0.2                      |                               |
| 106617             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106618             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106619             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106620             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106621             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106622             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 106623             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106624             | <5                      |                             | <5                      |                             | 6                       |                             | 0.4                       |                               |
| 106625             | 14                      |                             | 70                      |                             | 78                      |                             | 0.6                       |                               |
| 106626             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106627             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106628             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106629             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |



Joe Landers, Manager

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22617</b>                |
|                                          | Your order number : <b>GCL-08-53</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>91</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 106630             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106631             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106632             | <5                      |                             | 8                       |                             | 10                      |                             | <0.2                      |                               |
| 106633             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106634             | <5                      | <5                          | 18                      | 15                          | 17                      | 13                          | <0.2                      | <0.2                          |
| 106635             | <5                      |                             | 15                      |                             | 19                      |                             | <0.2                      |                               |
| 106636             | <5                      |                             | 15                      |                             | 17                      |                             | <0.2                      |                               |
| 106637             | <5                      |                             | 8                       |                             | 6                       |                             | <0.2                      |                               |
| 106638             | <5                      |                             | 7                       |                             | 10                      |                             | <0.2                      |                               |
| 106639             | 9                       |                             | 144                     |                             | 283                     |                             | <0.2                      |                               |
| 106640             | <5                      |                             | 49                      |                             | 115                     |                             | 1.2                       |                               |
| 106641             | 7                       |                             | 14                      |                             | 34                      |                             | <0.2                      |                               |
| 106642             | <5                      |                             | 22                      |                             | 30                      |                             | <0.2                      |                               |
| 106643             | <5                      |                             | 13                      |                             | 23                      |                             | <0.2                      |                               |
| 106644             | <5                      |                             | 5                       |                             | 11                      |                             | <0.2                      |                               |
| 106645             | <5                      |                             | 9                       |                             | 19                      |                             | <0.2                      |                               |
| 106646             | <5                      | <5                          | 9                       | 6                           | 14                      | 10                          | <0.2                      | <0.2                          |
| 106647             | <5                      |                             | 24                      |                             | 55                      |                             | <0.2                      |                               |
| 106648             | <5                      |                             | 70                      |                             | 184                     |                             | <0.2                      |                               |
| 106649             | <5                      |                             | 60                      |                             | 151                     |                             | 0.3                       |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22617</b>                |
|                                          | Your order number : <b>GCL-08-53</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>91</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 106650             | <5                      |                             | 28                      |                             | 35                      |                             | <0.2                      |                               |
| 106651             | <5                      |                             | 104                     |                             | 291                     |                             | 0.5                       |                               |
| 106652             | 25                      |                             | 115                     |                             | 313                     |                             | 0.6                       |                               |
| 106653             | 30                      |                             | 92                      |                             | 239                     |                             | <0.2                      |                               |
| 106654             | 6                       |                             | 45                      |                             | 122                     |                             | <0.2                      |                               |
| 106655             | 38                      |                             | 117                     |                             | 328                     |                             | 0.7                       |                               |
| 106656             | <5                      |                             | 14                      |                             | 14                      |                             | <0.2                      |                               |
| 106657             | <5                      |                             | 14                      |                             | 12                      |                             | <0.2                      |                               |
| 106658             | <5                      | <5                          | 11                      | 8                           | 9                       | 9                           | <0.2                      | <0.2                          |
| 106659             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106660             | <5                      |                             | 8                       |                             | 6                       |                             | <0.2                      |                               |
| 106661             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106662             | <5                      |                             | 8                       |                             | 10                      |                             | <0.2                      |                               |
| 106663             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106664             | <5                      |                             | 11                      |                             | 6                       |                             | <0.2                      |                               |
| 106665             | <5                      |                             | 6                       |                             | 10                      |                             | <0.2                      |                               |
| 106666             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106667             | 5                       |                             | 12                      |                             | 8                       |                             | <0.2                      |                               |
| 106668             | <5                      |                             | 14                      |                             | 9                       |                             | <0.2                      |                               |
| 106669             | <5                      |                             | 14                      |                             | 10                      |                             | <0.2                      |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22617</b>                |
|                                          | Your order number : <b>GCL-08-53</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>91</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 106670             | <5                      | <5                          | 12                      | 9                           | 7                       | 8                           | <0.2                      | <0.2                          |
| 106671             | <5                      |                             | 16                      |                             | 12                      |                             | <0.2                      |                               |
| 106672             | <5                      |                             | 15                      |                             | 12                      |                             | <0.2                      |                               |
| 106673             | <5                      |                             | 16                      |                             | 11                      |                             | <0.2                      |                               |
| 106674             | <5                      |                             | 28                      |                             | 12                      |                             | <0.2                      |                               |
| 106675             | 14                      |                             | 76                      |                             | 91                      |                             | 0.6                       |                               |
| 106676             | 26                      |                             | 26                      |                             | 14                      |                             | <0.2                      |                               |
| 106677             | 30                      |                             | 22                      |                             | 10                      |                             | 0.6                       |                               |
| 106678             | 20                      |                             | 48                      |                             | 16                      |                             | 0.5                       |                               |
| 106679             | <5                      |                             | 17                      |                             | 11                      |                             | <0.2                      |                               |
| 106680             | <5                      |                             | 22                      |                             | 11                      |                             | <0.2                      |                               |
| 106681             | <5                      |                             | 17                      |                             | 12                      |                             | <0.2                      |                               |
| 106682             | <5                      | <5                          | 10                      | 9                           | 11                      | 10                          | <0.2                      | <0.2                          |
| 106683             | <5                      |                             | 14                      |                             | 11                      |                             | <0.2                      |                               |
| 106684             | <5                      |                             | 15                      |                             | 11                      |                             | <0.2                      |                               |
| 106685             | <5                      |                             | 8                       |                             | 12                      |                             | <0.2                      |                               |
| 106686             | <5                      |                             | 12                      |                             | 12                      |                             | <0.2                      |                               |
| 106687             | <5                      |                             | 10                      |                             | 13                      |                             | <0.2                      |                               |
| 106688             | <5                      |                             | 21                      |                             | 18                      |                             | <0.2                      |                               |
| 106689             | 24                      |                             | 16                      |                             | 14                      |                             | 0.4                       |                               |

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| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22617</b>                |
|                                          | Your order number : <b>GCL-08-53</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>91</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 106690             | <5                      |                             | 16                      |                             | 16                      |                             | <0.2                      |                               |
| 106691             | <5                      |                             | 12                      |                             | 12                      |                             | <0.2                      |                               |
| 106692             | <5                      |                             | 7                       |                             | 11                      |                             | <0.2                      |                               |
| 106693             | <5                      |                             | <5                      |                             | 6                       |                             | <0.2                      |                               |
| 106694             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | 0.9                       | 0.7                           |
| 106695             | <5                      |                             | <5                      |                             | <5                      |                             | 1.5                       |                               |
| 106696             | <5                      |                             | <5                      |                             | <5                      |                             | 1.9                       |                               |
| 106697             | <5                      |                             | <5                      |                             | <5                      |                             | 1.4                       |                               |
| 106698             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106699             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106700             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |



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| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22617</b>                |
|                                          | Your order number : <b>GCL-08-53</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>91</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 106610             | 53                      | 50                          | 1450                    | 1400                        | 39                      | 38                          | 25                      | 26                          |
| 106611             | 70                      |                             | 1164                    |                             | 37                      |                             | 40                      |                             |
| 106612             | 110                     |                             | 1131                    |                             | 42                      |                             | 39                      |                             |
| 106613             | 177                     |                             | 843                     |                             | 50                      |                             | 26                      |                             |
| 106614             | 134                     |                             | 1335                    |                             | 59                      |                             | 33                      |                             |
| 106615             | 70                      |                             | 1828                    |                             | 29                      |                             | 23                      |                             |
| 106616             | 47                      |                             | 1895                    |                             | 29                      |                             | 23                      |                             |
| 106617             | 56                      |                             | 1992                    |                             | 33                      |                             | 26                      |                             |
| 106618             | 105                     |                             | 940                     |                             | 22                      |                             | 15                      |                             |
| 106619             | 60                      |                             | 1962                    |                             | 38                      |                             | 32                      |                             |
| 106620             | 46                      |                             | 1340                    |                             | 36                      |                             | 25                      |                             |
| 106621             | 49                      |                             | 1725                    |                             | 37                      |                             | 31                      |                             |
| 106622             | 51                      | 49                          | 1857                    | 1808                        | 47                      | 42                          | 32                      | 28                          |
| 106623             | 61                      |                             | 1769                    |                             | 36                      |                             | 30                      |                             |
| 106624             | 53                      |                             | 1771                    |                             | 35                      |                             | 23                      |                             |
| 106625             | 1912                    |                             | ----- >DL               |                             | 90                      |                             | 56                      |                             |
| 106626             | 64                      |                             | 1703                    |                             | 39                      |                             | 26                      |                             |
| 106627             | 55                      |                             | 1789                    |                             | 39                      |                             | 28                      |                             |
| 106628             | 52                      |                             | 1835                    |                             | 39                      |                             | 32                      |                             |
| 106629             | 56                      |                             | 1897                    |                             | 39                      |                             | 35                      |                             |

>DL Value greater than detection limit

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| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22617</b>                |
|                                          | Your order number : <b>GCL-08-53</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>91</b>  |

| Designation | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|-------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 106630      | 63                      |                             | 1816                    |                             | 41                      |                             | 32                      |                             |
| 106631      | 64                      |                             | 1890                    |                             | 45                      |                             | 30                      |                             |
| 106632      | 712                     |                             | 1413                    |                             | 52                      |                             | 32                      |                             |
| 106633      | 104                     |                             | 1467                    |                             | 48                      |                             | 30                      |                             |
| 106634      | 176                     | 169                         | 869                     | 858                         | 53                      | 52                          | 28                      | 28                          |
| 106635      | 60                      |                             | 333                     |                             | 83                      |                             | 26                      |                             |
| 106636      | 44                      |                             | 600                     |                             | 80                      |                             | 24                      |                             |
| 106637      | 195                     |                             | 1355                    |                             | 35                      |                             | 29                      |                             |
| 106638      | 160                     |                             | 1040                    |                             | 72                      |                             | 22                      |                             |
| 106639      | ----- >DL               |                             | ----- >DL               |                             | 156                     |                             | 54                      |                             |
| 106640      | 234                     |                             | 3483                    |                             | 63                      |                             | 23                      |                             |
| 106641      | 382                     |                             | 2086                    |                             | 42                      |                             | 22                      |                             |
| 106642      | 288                     |                             | 2408                    |                             | 49                      |                             | 27                      |                             |
| 106643      | 180                     |                             | 2500                    |                             | 46                      |                             | 28                      |                             |
| 106644      | 252                     |                             | 1731                    |                             | 48                      |                             | 31                      |                             |
| 106645      | 166                     |                             | 2253                    |                             | 46                      |                             | 34                      |                             |
| 106646      | 196                     | 184                         | 1877                    | 1886                        | 52                      | 48                          | 29                      | 28                          |
| 106647      | 174                     |                             | 2785                    |                             | 41                      |                             | 29                      |                             |
| 106648      | 680                     |                             | 8617                    |                             | 44                      |                             | 36                      |                             |
| 106649      | 626                     |                             | 7630                    |                             | 43                      |                             | 33                      |                             |

>DL Value greater than detection limit

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| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22617</b>                |
|                                          | Your order number : <b>GCL-08-53</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>91</b>  |

| Designation | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|-------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 106650      | 117                     |                             | 214                     |                             | 16                      |                             | 16                      |                             |
| 106651      | 981                     |                             | >DL                     |                             | 44                      |                             | 34                      |                             |
| 106652      | 1089                    |                             | >DL                     |                             | 46                      |                             | 39                      |                             |
| 106653      | 517                     |                             | >DL                     |                             | 35                      |                             | 31                      |                             |
| 106654      | 651                     |                             | 5777                    |                             | 46                      |                             | 34                      |                             |
| 106655      | 1974                    |                             | >DL                     |                             | 41                      |                             | 31                      |                             |
| 106656      | 243                     |                             | 911                     |                             | 37                      |                             | 25                      |                             |
| 106657      | 66                      |                             | 1165                    |                             | 41                      |                             | 24                      |                             |
| 106658      | 191                     | 185                         | 1340                    | 1351                        | 60                      | 54                          | 32                      | 29                          |
| 106659      | 75                      |                             | 1374                    |                             | 52                      |                             | 38                      |                             |
| 106660      | 71                      |                             | 1471                    |                             | 51                      |                             | 33                      |                             |
| 106661      | 60                      |                             | 1537                    |                             | 45                      |                             | 29                      |                             |
| 106662      | 65                      |                             | 1375                    |                             | 50                      |                             | 32                      |                             |
| 106663      | 70                      |                             | 1293                    |                             | 47                      |                             | 31                      |                             |
| 106664      | 73                      |                             | 1362                    |                             | 45                      |                             | 30                      |                             |
| 106665      | 147                     |                             | 1217                    |                             | 37                      |                             | 28                      |                             |
| 106666      | 124                     |                             | 1049                    |                             | 37                      |                             | 28                      |                             |
| 106667      | 89                      |                             | 1185                    |                             | 40                      |                             | 32                      |                             |
| 106668      | 99                      |                             | 1192                    |                             | 39                      |                             | 29                      |                             |
| 106669      | 106                     |                             | 1019                    |                             | 35                      |                             | 38                      |                             |

>DL Value greater than detection limit

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22617</b>                |
|                                          | Your order number : <b>GCL-08-53</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>91</b>  |

| Designation | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|-------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 106670      | 165                     | 159                         | 1665                    | 1617                        | 40                      | 35                          | 25                      | 30                          |
| 106671      | 116                     |                             | 868                     |                             | 48                      |                             | 30                      |                             |
| 106672      | 119                     |                             | 705                     |                             | 82                      |                             | 26                      |                             |
| 106673      | 84                      |                             | 880                     |                             | 104                     |                             | 25                      |                             |
| 106674      | 187                     |                             | 1133                    |                             | 127                     |                             | 32                      |                             |
| 106675      | 2647                    |                             | ----- >DL               |                             | 82                      |                             | 31                      |                             |
| 106676      | 377                     |                             | 1276                    |                             | 1541                    |                             | 57                      |                             |
| 106677      | 541                     |                             | 970                     |                             | 5799                    |                             | 139                     |                             |
| 106678      | 731                     |                             | 2591                    |                             | 5745                    |                             | 80                      |                             |
| 106679      | 521                     |                             | 1366                    |                             | 432                     |                             | 28                      |                             |
| 106680      | 98                      |                             | 1329                    |                             | 101                     |                             | 28                      |                             |
| 106681      | 92                      |                             | 1475                    |                             | 67                      |                             | 25                      |                             |
| 106682      | 87                      | 85                          | 1347                    | 1375                        | 78                      | 81                          | 35                      | 34                          |
| 106683      | 107                     |                             | 1276                    |                             | 104                     |                             | 39                      |                             |
| 106684      | 133                     |                             | 1499                    |                             | 66                      |                             | 25                      |                             |
| 106685      | 77                      |                             | 1151                    |                             | 61                      |                             | 32                      |                             |
| 106686      | 52                      |                             | 665                     |                             | 60                      |                             | 38                      |                             |
| 106687      | 51                      |                             | 749                     |                             | 68                      |                             | 23                      |                             |
| 106688      | 180                     |                             | 956                     |                             | 1199                    |                             | 27                      |                             |
| 106689      | 679                     |                             | 1813                    |                             | ----- >DL               |                             | 62                      |                             |

>DL Value greater than detection limit

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22617</b>                |
|                                          | Your order number : <b>GCL-08-53</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>91</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 106690             | 99                      |                             | 1040                    |                             | 399                     |                             | 29                      |                             |
| 106691             | 79                      |                             | 979                     |                             | 135                     |                             | 53                      |                             |
| 106692             | 104                     |                             | 894                     |                             | 123                     |                             | 103                     |                             |
| 106693             | 164                     |                             | 1031                    |                             | 150                     |                             | 95                      |                             |
| 106694             | 622                     | 632                         | 1083                    | 1114                        | 9219                    | 9200                        | 207                     | 202                         |
| 106695             | 387                     |                             | 1146                    |                             | ----- >DL               |                             | 155                     |                             |
| 106696             | 1540                    |                             | 1942                    |                             | 9431                    |                             | 181                     |                             |
| 106697             | 767                     |                             | 1101                    |                             | 9125                    |                             | 195                     |                             |
| 106698             | 84                      |                             | 863                     |                             | 198                     |                             | 68                      |                             |
| 106699             | 213                     |                             | 865                     |                             | 177                     |                             | 92                      |                             |
| 106700             | 110                     |                             | 61                      |                             | 55                      |                             | 18                      |                             |

>DL Value greater than detection limit

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22617</b>                |
|                                          | Your order number : <b>GCL-08-53</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>91</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Cu<br>AAT-8<br>%<br>0.010 | Ni<br>AAT-8<br>%<br>0.010 | Zn<br>AAT-8<br>%<br>0.010 | Zn-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|---------------------------|---------------------------|-------------------------------|
| 106610             | 67                      | 68                          |                           |                           |                           |                               |
| 106611             | 68                      |                             |                           |                           |                           |                               |
| 106612             | 81                      |                             |                           |                           |                           |                               |
| 106613             | 89                      |                             |                           |                           |                           |                               |
| 106614             | 92                      |                             |                           |                           |                           |                               |
| 106615             | 84                      |                             |                           |                           |                           |                               |
| 106616             | 80                      |                             |                           |                           |                           |                               |
| 106617             | 90                      |                             |                           |                           |                           |                               |
| 106618             | 50                      |                             |                           |                           |                           |                               |
| 106619             | 92                      |                             |                           |                           |                           |                               |
| 106620             | 69                      |                             |                           |                           |                           |                               |
| 106621             | 80                      |                             |                           |                           |                           |                               |
| 106622             | 91                      | 85                          |                           |                           |                           |                               |
| 106623             | 90                      |                             |                           |                           |                           |                               |
| 106624             | 88                      |                             |                           |                           |                           |                               |
| 106625             | 395                     |                             |                           | 2.050                     |                           |                               |
| 106626             | 88                      |                             |                           |                           |                           |                               |
| 106627             | 92                      |                             |                           |                           |                           |                               |
| 106628             | 89                      |                             |                           |                           |                           |                               |
| 106629             | 94                      |                             |                           |                           |                           |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22617</b>                |
|                                          | Your order number : <b>GCL-08-53</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>91</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Cu<br>AAT-8<br>%<br>0.010 | Ni<br>AAT-8<br>%<br>0.010 | Zn<br>AAT-8<br>%<br>0.010 | Zn-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|---------------------------|---------------------------|-------------------------------|
| 106630             | 94                      |                             |                           |                           |                           |                               |
| 106631             | 100                     |                             |                           |                           |                           |                               |
| 106632             | 103                     |                             |                           |                           |                           |                               |
| 106633             | 91                      |                             |                           |                           |                           |                               |
| 106634             | 78                      | 70                          |                           |                           |                           |                               |
| 106635             | 60                      |                             |                           |                           |                           |                               |
| 106636             | 66                      |                             |                           |                           |                           |                               |
| 106637             | 74                      |                             |                           |                           |                           |                               |
| 106638             | 76                      |                             |                           |                           |                           |                               |
| 106639             | 995                     |                             | 1.060                     | 3.790                     |                           |                               |
| 106640             | 118                     |                             |                           |                           |                           |                               |
| 106641             | 92                      |                             |                           |                           |                           |                               |
| 106642             | 92                      |                             |                           |                           |                           |                               |
| 106643             | 97                      |                             |                           |                           |                           |                               |
| 106644             | 86                      |                             |                           |                           |                           |                               |
| 106645             | 94                      |                             |                           |                           |                           |                               |
| 106646             | 86                      | 81                          |                           |                           |                           |                               |
| 106647             | 99                      |                             |                           |                           |                           |                               |
| 106648             | 144                     |                             |                           | 0.900                     |                           |                               |
| 106649             | 137                     |                             |                           | 0.800                     |                           |                               |

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| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22617</b>                |
|                                          | Your order number : <b>GCL-08-53</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>91</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Cu<br>AAT-8<br>%<br>0.010 | Ni<br>AAT-8<br>%<br>0.010 | Zn<br>AAT-8<br>%<br>0.010 | Zn-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|---------------------------|---------------------------|-------------------------------|
| 106650             | 18                      |                             |                           |                           |                           |                               |
| 106651             | 198                     |                             |                           | 1.330                     |                           |                               |
| 106652             | 216                     |                             |                           | 1.460                     |                           |                               |
| 106653             | 166                     |                             |                           | 1.120                     |                           |                               |
| 106654             | 128                     |                             |                           | 0.580                     |                           |                               |
| 106655             | 232                     |                             |                           | 1.450                     |                           |                               |
| 106656             | 56                      |                             |                           |                           |                           |                               |
| 106657             | 70                      |                             |                           |                           |                           |                               |
| 106658             | 79                      | 81                          |                           |                           |                           |                               |
| 106659             | 76                      |                             |                           |                           |                           |                               |
| 106660             | 84                      |                             |                           |                           |                           |                               |
| 106661             | 85                      |                             |                           |                           |                           |                               |
| 106662             | 86                      |                             |                           |                           |                           |                               |
| 106663             | 78                      |                             |                           |                           |                           |                               |
| 106664             | 82                      |                             |                           |                           |                           |                               |
| 106665             | 83                      |                             |                           |                           |                           |                               |
| 106666             | 75                      |                             |                           |                           |                           |                               |
| 106667             | 78                      |                             |                           |                           |                           |                               |
| 106668             | 80                      |                             |                           |                           |                           |                               |
| 106669             | 71                      |                             |                           |                           |                           |                               |



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| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22617</b>                |
|                                          | Your order number : <b>GCL-08-53</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>91</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Cu<br>AAT-8<br>%<br>0.010 | Ni<br>AAT-8<br>%<br>0.010 | Zn<br>AAT-8<br>%<br>0.010 | Zn-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|---------------------------|---------------------------|-------------------------------|
| 106670             | 91                      | 85                          |                           |                           |                           |                               |
| 106671             | 79                      |                             |                           |                           |                           |                               |
| 106672             | 75                      |                             |                           |                           |                           |                               |
| 106673             | 91                      |                             |                           |                           |                           |                               |
| 106674             | 88                      |                             |                           |                           |                           |                               |
| 106675             | 202                     |                             |                           | 1.400                     |                           |                               |
| 106676             | 89                      |                             |                           |                           |                           |                               |
| 106677             | 103                     |                             |                           |                           | 0.580                     |                               |
| 106678             | 308                     |                             |                           |                           | 0.580                     |                               |
| 106679             | 90                      |                             |                           |                           |                           |                               |
| 106680             | 86                      |                             |                           |                           |                           |                               |
| 106681             | 90                      |                             |                           |                           |                           |                               |
| 106682             | 81                      | 80                          |                           |                           |                           |                               |
| 106683             | 77                      |                             |                           |                           |                           |                               |
| 106684             | 88                      |                             |                           |                           |                           |                               |
| 106685             | 80                      |                             |                           |                           |                           |                               |
| 106686             | 64                      |                             |                           |                           |                           |                               |
| 106687             | 67                      |                             |                           |                           |                           |                               |
| 106688             | 77                      |                             |                           |                           |                           |                               |
| 106689             | 139                     |                             |                           |                           | 1.140                     |                               |

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| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22617</b>                |
|                                          | Your order number : <b>GCL-08-53</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>91</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Cu<br>AAT-8<br>%<br>0.010 | Ni<br>AAT-8<br>%<br>0.010 | Zn<br>AAT-8<br>%<br>0.010 | Zn-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|---------------------------|---------------------------|-------------------------------|
| 106690             | 73                      |                             |                           |                           |                           |                               |
| 106691             | 81                      |                             |                           |                           |                           |                               |
| 106692             | 75                      |                             |                           |                           |                           |                               |
| 106693             | 79                      |                             |                           |                           |                           |                               |
| 106694             | 133                     | 138                         |                           |                           | 0.940                     | 0.930                         |
| 106695             | 155                     |                             |                           |                           | 1.170                     |                               |
| 106696             | 265                     |                             |                           |                           | 0.970                     |                               |
| 106697             | 148                     |                             |                           |                           | 0.930                     |                               |
| 106698             | 76                      |                             |                           |                           |                           |                               |
| 106699             | 74                      |                             |                           |                           |                           |                               |
| 106700             | 16                      |                             |                           |                           |                           |                               |

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| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22608</b>                |
|                                          | Your order number : <b>GCL-08-52</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>95</b>  |

| Designation | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|-------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 106559      | <5                      | <5                          | 30                      | 24                          | 45                      | 39                          | <0.2                      | <0.2                          |
| 106560      | 6                       |                             | 14                      |                             | 11                      |                             | <0.2                      |                               |
| 106561      | <5                      |                             | 22                      |                             | 22                      |                             | 1.2                       |                               |
| 106562      | 28                      |                             | 36                      |                             | 40                      |                             | <0.2                      |                               |
| 106563      | <5                      |                             | <5                      |                             | 6                       |                             | <0.2                      |                               |
| 106564      | 38                      |                             | <5                      |                             | 22                      |                             | 0.5                       |                               |
| 106565      | <5                      |                             | 6                       |                             | 12                      |                             | <0.2                      |                               |
| 106566      | <5                      |                             | <5                      |                             | 9                       |                             | <0.2                      |                               |
| 106567      | <5                      |                             | <5                      |                             | 9                       |                             | <0.2                      |                               |
| 106701      | <5                      |                             | 5                       |                             | 8                       |                             | <0.2                      |                               |
| 106702      | <5                      |                             | 7                       |                             | 10                      |                             | <0.2                      |                               |
| 106703      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106704      | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 106705      | <5                      |                             | 9                       |                             | 8                       |                             | <0.2                      |                               |
| 106706      | <5                      |                             | <5                      |                             | 9                       |                             | <0.2                      |                               |
| 106707      | <5                      |                             | 11                      |                             | 14                      |                             | <0.2                      |                               |
| 106708      | <5                      |                             | 11                      |                             | 12                      |                             | <0.2                      |                               |
| 106709      | <5                      |                             | 12                      |                             | 12                      |                             | <0.2                      |                               |
| 106710      | 7                       |                             | 13                      |                             | 12                      |                             | <0.2                      |                               |
| 106711      | <5                      |                             | 13                      |                             | 12                      |                             | <0.2                      |                               |



Joe Landers, Manager

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22608</b>                |
|                                          | Your order number : <b>GCL-08-52</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>95</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 106712             | <5                      |                             | 14                      |                             | 14                      |                             | <0.2                      |                               |
| 106713             | 15                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106714             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106715             | <5                      |                             | 59                      |                             | 107                     |                             | <0.2                      |                               |
| 106716             | <5                      | <5                          | <5                      | <5                          | 5                       | <5                          | <0.2                      | <0.2                          |
| 106717             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106718             | <5                      |                             | 60                      |                             | 35                      |                             | <0.2                      |                               |
| 106719             | <5                      |                             | 41                      |                             | 22                      |                             | <0.2                      |                               |
| 106720             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106721             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106722             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106723             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106724             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106725             | 14                      |                             | 64                      |                             | 90                      |                             | 0.6                       |                               |
| 106726             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106727             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106728             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | 0.2                       | <0.2                          |
| 106729             | <5                      |                             | <5                      |                             | <5                      |                             | 0.4                       |                               |
| 106730             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106731             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |

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|                                          |                                      |
|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22608</b>                |
|                                          | Your order number : <b>GCL-08-52</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>95</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 106732             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106733             | <5                      |                             | 12                      |                             | 9                       |                             | <0.2                      |                               |
| 106734             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106735             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106736             | <5                      |                             | <5                      |                             | <5                      |                             | 0.6                       |                               |
| 106737             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106738             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106739             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106740             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 106741             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106742             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106743             | 7                       |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106744             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106568             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106569             | 23                      |                             | <5                      |                             | 7                       |                             | <0.2                      |                               |
| 106570             | <5                      |                             | 25                      |                             | 18                      |                             | <0.2                      |                               |
| 106571             | <5                      |                             | 44                      |                             | 254                     |                             | 0.3                       |                               |
| 106572             | <5                      |                             | 10                      |                             | 20                      |                             | <0.2                      |                               |
| 106573             | <5                      |                             | 12                      |                             | 16                      |                             | <0.2                      |                               |
| 106574             | <5                      |                             | 14                      |                             | 18                      |                             | <0.2                      |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22608</b>                |
|                                          | Your order number : <b>GCL-08-52</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>95</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 106575             | 24                      | 26                          | 194                     | 188                         | 90                      | 94                          | 0.8                       | 0.6                           |
| 106576             | <5                      |                             | 17                      |                             | 38                      |                             | <0.2                      |                               |
| 106577             | <5                      |                             | 17                      |                             | 20                      |                             | <0.2                      |                               |
| 106578             | <5                      |                             | 14                      |                             | 20                      |                             | <0.2                      |                               |
| 106579             | 13                      |                             | 30                      |                             | 36                      |                             | <0.2                      |                               |
| 106580             | 15                      |                             | 24                      |                             | 38                      |                             | <0.2                      |                               |
| 106581             | <5                      |                             | 12                      |                             | 21                      |                             | <0.2                      |                               |
| 106582             | 7                       |                             | 21                      |                             | 31                      |                             | <0.2                      |                               |
| 106583             | 7                       |                             | 9                       |                             | 12                      |                             | <0.2                      |                               |
| 106584             | 16                      |                             | 9                       |                             | 23                      |                             | <0.2                      |                               |
| 106585             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106586             | 11                      |                             | 7                       |                             | 6                       |                             | <0.2                      |                               |
| 106587             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 106588             | <5                      |                             | <5                      |                             | 6                       |                             | <0.2                      |                               |
| 106589             | <5                      |                             | <5                      |                             | <5                      |                             | 41.6                      |                               |
| 106590             | 6                       |                             | <5                      |                             | <5                      |                             | 0.2                       |                               |
| 106591             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106592             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106593             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106594             | <5                      |                             | <5                      |                             | 6                       |                             | <0.2                      |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22608</b>                |
|                                          | Your order number : <b>GCL-08-52</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>95</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 106595             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106596             | <5                      |                             | <5                      |                             | 6                       |                             | <0.2                      |                               |
| 106597             | <5                      |                             | 8                       |                             | 11                      |                             | 0.2                       |                               |
| 106598             | <5                      |                             | <5                      |                             | 7                       |                             | <0.2                      |                               |
| 106599             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 106600             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106601             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106602             | <5                      |                             | <5                      |                             | 13                      |                             | <0.2                      |                               |
| 106603             | <5                      |                             | <5                      |                             | 7                       |                             | <0.2                      |                               |
| 106604             | <5                      |                             | 8                       |                             | 9                       |                             | <0.2                      |                               |
| 106605             | <5                      |                             | <5                      |                             | 7                       |                             | 0.3                       |                               |
| 106606             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106607             | <5                      |                             | <5                      |                             | <5                      |                             | 1.3                       |                               |
| 106608             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106609             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22608</b>                |
|                                          | Your order number : <b>GCL-08-52</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>95</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 106559             | 137                     | 136                         | 580                     | 569                         | 138                     | 142                         | 30                      | 32                          |
| 106560             | 120                     |                             | 520                     |                             | 164                     |                             | 31                      |                             |
| 106561             | 603                     |                             | 645                     |                             | 603                     |                             | 43                      |                             |
| 106562             | 405                     |                             | 227                     |                             | 120                     |                             | 67                      |                             |
| 106563             | 113                     |                             | 563                     |                             | 187                     |                             | 38                      |                             |
| 106564             | 1146                    |                             | 554                     |                             | 2181                    |                             | 45                      |                             |
| 106565             | 138                     |                             | 875                     |                             | 132                     |                             | 32                      |                             |
| 106566             | 120                     |                             | 848                     |                             | 50                      |                             | 28                      |                             |
| 106567             | 78                      |                             | 787                     |                             | 56                      |                             | 29                      |                             |
| 106701             | 45                      |                             | 698                     |                             | 58                      |                             | 37                      |                             |
| 106702             | 57                      |                             | 542                     |                             | 75                      |                             | 35                      |                             |
| 106703             | 47                      |                             | 1095                    |                             | 40                      |                             | 24                      |                             |
| 106704             | 49                      | 44                          | 1650                    | 1550                        | 48                      | 43                          | 29                      | 26                          |
| 106705             | 138                     |                             | 1365                    |                             | 36                      |                             | 28                      |                             |
| 106706             | 56                      |                             | 685                     |                             | 38                      |                             | 26                      |                             |
| 106707             | 102                     |                             | 397                     |                             | 43                      |                             | 26                      |                             |
| 106708             | 118                     |                             | 257                     |                             | 38                      |                             | 22                      |                             |
| 106709             | 79                      |                             | 310                     |                             | 41                      |                             | 21                      |                             |
| 106710             | 90                      |                             | 218                     |                             | 46                      |                             | 30                      |                             |
| 106711             | 86                      |                             | 191                     |                             | 68                      |                             | 44                      |                             |



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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22608</b>                |
|                                          | Your order number : <b>GCL-08-52</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>95</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 106712             | 126                     |                             | 253                     |                             | 75                      |                             | 36                      |                             |
| 106713             | 314                     |                             | 1099                    |                             | 34                      |                             | 23                      |                             |
| 106714             | 309                     |                             | 1338                    |                             | 35                      |                             | 27                      |                             |
| 106715             | 52                      |                             | 1497                    |                             | 40                      |                             | 30                      |                             |
| 106716             | 45                      | 40                          | 1480                    | 1438                        | 36                      | 31                          | 35                      | 29                          |
| 106717             | 51                      |                             | 1738                    |                             | 40                      |                             | 44                      |                             |
| 106718             | 86                      |                             | 1865                    |                             | 37                      |                             | 35                      |                             |
| 106719             | 54                      |                             | 1721                    |                             | 37                      |                             | 31                      |                             |
| 106720             | 52                      |                             | 1866                    |                             | 37                      |                             | 31                      |                             |
| 106721             | 50                      |                             | 1531                    |                             | 35                      |                             | 32                      |                             |
| 106722             | 43                      |                             | 848                     |                             | 44                      |                             | 36                      |                             |
| 106723             | 44                      |                             | 287                     |                             | 79                      |                             | 56                      |                             |
| 106724             | 55                      |                             | 370                     |                             | 82                      |                             | 44                      |                             |
| 106725             | 2713                    |                             | ----- >DL               |                             | 85                      |                             | 34                      |                             |
| 106726             | 75                      |                             | 2016                    |                             | 36                      |                             | 38                      |                             |
| 106727             | 59                      |                             | 2017                    |                             | 37                      |                             | 33                      |                             |
| 106728             | 70                      | 64                          | 1985                    | 1920                        | 40                      | 39                          | 30                      | 25                          |
| 106729             | 53                      |                             | 1899                    |                             | 40                      |                             | 31                      |                             |
| 106730             | 47                      |                             | 1948                    |                             | 33                      |                             | 31                      |                             |
| 106731             | 49                      |                             | 1970                    |                             | 34                      |                             | 35                      |                             |

>DL Value greater than detection limit

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22608</b>                |
|                                          | Your order number : <b>GCL-08-52</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>95</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 106732             | 237                     |                             | 1582                    |                             | 34                      |                             | 39                      |                             |
| 106733             | 123                     |                             | 1787                    |                             | 43                      |                             | 38                      |                             |
| 106734             | 60                      |                             | 1418                    |                             | 32                      |                             | 44                      |                             |
| 106735             | 55                      |                             | 2115                    |                             | 38                      |                             | 37                      |                             |
| 106736             | 63                      |                             | 2121                    |                             | 35                      |                             | 32                      |                             |
| 106737             | 103                     |                             | 1754                    |                             | 34                      |                             | 35                      |                             |
| 106738             | 54                      |                             | 1791                    |                             | 34                      |                             | 35                      |                             |
| 106739             | 214                     |                             | 1707                    |                             | 35                      |                             | 35                      |                             |
| 106740             | 578                     | 554                         | 1292                    | 1324                        | 30                      | 29                          | 41                      | 38                          |
| 106741             | 126                     |                             | 1373                    |                             | 33                      |                             | 31                      |                             |
| 106742             | 74                      |                             | 1556                    |                             | 35                      |                             | 37                      |                             |
| 106743             | 64                      |                             | 1626                    |                             | 37                      |                             | 34                      |                             |
| 106744             | 95                      |                             | 1587                    |                             | 37                      |                             | 37                      |                             |
| 106568             | 705                     |                             | 1175                    |                             | 31                      |                             | 30                      |                             |
| 106569             | 704                     |                             | 512                     |                             | 34                      |                             | 26                      |                             |
| 106570             | 196                     |                             | 388                     |                             | 40                      |                             | 25                      |                             |
| 106571             | 418                     |                             | 8385                    |                             | 36                      |                             | 30                      |                             |
| 106572             | 213                     |                             | 1951                    |                             | 47                      |                             | 34                      |                             |
| 106573             | 123                     |                             | 1870                    |                             | 53                      |                             | 33                      |                             |
| 106574             | 125                     |                             | 2091                    |                             | 61                      |                             | 32                      |                             |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22608</b>                |
|                                          | Your order number : <b>GCL-08-52</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>95</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 106575             | 3058                    | 3088                        | 5933                    | 6010                        | 57                      | 64                          | 33                      | 36                          |
| 106576             | 160                     |                             | 2286                    |                             | 54                      |                             | 34                      |                             |
| 106577             | 285                     |                             | 2392                    |                             | 50                      |                             | 34                      |                             |
| 106578             | 277                     |                             | 2418                    |                             | 50                      |                             | 29                      |                             |
| 106579             | 533                     |                             | 3164                    |                             | 60                      |                             | 27                      |                             |
| 106580             | 925                     |                             | 2600                    |                             | 81                      |                             | 32                      |                             |
| 106581             | 162                     |                             | 1012                    |                             | 133                     |                             | 50                      |                             |
| 106582             | 124                     |                             | 1253                    |                             | 149                     |                             | 29                      |                             |
| 106583             | 288                     |                             | 1328                    |                             | 813                     |                             | 33                      |                             |
| 106584             | 380                     |                             | 1243                    |                             | 1166                    |                             | 33                      |                             |
| 106585             | 288                     |                             | 1151                    |                             | 179                     |                             | 26                      |                             |
| 106586             | 95                      |                             | 1329                    |                             | 144                     |                             | 25                      |                             |
| 106587             | 85                      | 85                          | 1251                    | 1268                        | 161                     | 158                         | 39                      | 34                          |
| 106588             | 113                     |                             | 755                     |                             | 178                     |                             | 35                      |                             |
| 106589             | 202                     |                             | 1062                    |                             | 240                     |                             | 36                      |                             |
| 106590             | 403                     |                             | 1421                    |                             | 1421                    |                             | 58                      |                             |
| 106591             | 166                     |                             | 1228                    |                             | 202                     |                             | 29                      |                             |
| 106592             | 96                      |                             | 959                     |                             | 128                     |                             | 29                      |                             |
| 106593             | 95                      |                             | 888                     |                             | 115                     |                             | 27                      |                             |
| 106594             | 91                      |                             | 678                     |                             | 108                     |                             | 26                      |                             |

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|                                          |                                      |
|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22608</b>                |
|                                          | Your order number : <b>GCL-08-52</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>95</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 106595             | 124                     |                             | 727                     |                             | 78                      |                             | 27                      |                             |
| 106596             | 58                      |                             | 527                     |                             | 77                      |                             | 27                      |                             |
| 106597             | 57                      |                             | 601                     |                             | 84                      |                             | 41                      |                             |
| 106598             | 73                      |                             | 740                     |                             | 65                      |                             | 28                      |                             |
| 106599             | 149                     | 132                         | 1001                    | 985                         | 49                      | 43                          | 27                      | 23                          |
| 106600             | 115                     |                             | 123                     |                             | 34                      |                             | 22                      |                             |
| 106601             | 80                      |                             | 565                     |                             | 65                      |                             | 28                      |                             |
| 106602             | 82                      |                             | 1002                    |                             | 57                      |                             | 27                      |                             |
| 106603             | 78                      |                             | 1247                    |                             | 55                      |                             | 28                      |                             |
| 106604             | 105                     |                             | 1210                    |                             | 54                      |                             | 29                      |                             |
| 106605             | 96                      |                             | 1200                    |                             | 53                      |                             | 31                      |                             |
| 106606             | 94                      |                             | 1259                    |                             | 52                      |                             | 32                      |                             |
| 106607             | 80                      |                             | 1369                    |                             | 52                      |                             | 35                      |                             |
| 106608             | 73                      |                             | 1514                    |                             | 55                      |                             | 36                      |                             |
| 106609             | 69                      |                             | 1522                    |                             | 60                      |                             | 33                      |                             |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22608</b>                |
|                                          | Your order number : <b>GCL-08-52</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>95</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 106559             | 76                      | 76                          |                           |                               |
| 106560             | 69                      |                             |                           |                               |
| 106561             | 115                     |                             |                           |                               |
| 106562             | 129                     |                             |                           |                               |
| 106563             | 79                      |                             |                           |                               |
| 106564             | 149                     |                             |                           |                               |
| 106565             | 76                      |                             |                           |                               |
| 106566             | 68                      |                             |                           |                               |
| 106567             | 74                      |                             |                           |                               |
| 106701             | 61                      |                             |                           |                               |
| 106702             | 59                      |                             |                           |                               |
| 106703             | 61                      |                             |                           |                               |
| 106704             | 81                      | 80                          |                           |                               |
| 106705             | 83                      |                             |                           |                               |
| 106706             | 65                      |                             |                           |                               |
| 106707             | 58                      |                             |                           |                               |
| 106708             | 46                      |                             |                           |                               |
| 106709             | 46                      |                             |                           |                               |
| 106710             | 46                      |                             |                           |                               |
| 106711             | 55                      |                             |                           |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22608</b>                |
|                                          | Your order number : <b>GCL-08-52</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>95</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 106712             | 73                      |                             |                           |                               |
| 106713             | 62                      |                             |                           |                               |
| 106714             | 76                      |                             |                           |                               |
| 106715             | 80                      |                             |                           |                               |
| 106716             | 72                      | 65                          |                           |                               |
| 106717             | 82                      |                             |                           |                               |
| 106718             | 86                      |                             |                           |                               |
| 106719             | 80                      |                             |                           |                               |
| 106720             | 86                      |                             |                           |                               |
| 106721             | 74                      |                             |                           |                               |
| 106722             | 46                      |                             |                           |                               |
| 106723             | 36                      |                             |                           |                               |
| 106724             | 42                      |                             |                           |                               |
| 106725             | 213                     |                             | 1.380                     |                               |
| 106726             | 95                      |                             |                           |                               |
| 106727             | 93                      |                             |                           |                               |
| 106728             | 93                      | 87                          |                           |                               |
| 106729             | 90                      |                             |                           |                               |
| 106730             | 91                      |                             |                           |                               |
| 106731             | 91                      |                             |                           |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22608</b>                |
|                                          | Your order number : <b>GCL-08-52</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>95</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 106732             | 95                      |                             |                           |                               |
| 106733             | 99                      |                             |                           |                               |
| 106734             | 73                      |                             |                           |                               |
| 106735             | 99                      |                             |                           |                               |
| 106736             | 99                      |                             |                           |                               |
| 106737             | 87                      |                             |                           |                               |
| 106738             | 87                      |                             |                           |                               |
| 106739             | 92                      |                             |                           |                               |
| 106740             | 83                      | 82                          |                           |                               |
| 106741             | 88                      |                             |                           |                               |
| 106742             | 98                      |                             |                           |                               |
| 106743             | 98                      |                             |                           |                               |
| 106744             | 103                     |                             |                           |                               |
| 106568             | 96                      |                             |                           |                               |
| 106569             | 72                      |                             |                           |                               |
| 106570             | 58                      |                             |                           |                               |
| 106571             | 191                     |                             | 0.850                     |                               |
| 106572             | 90                      |                             |                           |                               |
| 106573             | 91                      |                             |                           |                               |
| 106574             | 94                      |                             |                           |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22608</b>                |
|                                          | Your order number : <b>GCL-08-52</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>95</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 106575             | 318                     | 306                         | 0.600                     | 0.610                         |
| 106576             | 101                     |                             |                           |                               |
| 106577             | 113                     |                             |                           |                               |
| 106578             | 114                     |                             |                           |                               |
| 106579             | 127                     |                             |                           |                               |
| 106580             | 111                     |                             |                           |                               |
| 106581             | 71                      |                             |                           |                               |
| 106582             | 78                      |                             |                           |                               |
| 106583             | 105                     |                             |                           |                               |
| 106584             | 109                     |                             |                           |                               |
| 106585             | 91                      |                             |                           |                               |
| 106586             | 82                      |                             |                           |                               |
| 106587             | 77                      | 77                          |                           |                               |
| 106588             | 73                      |                             |                           |                               |
| 106589             | 88                      |                             |                           |                               |
| 106590             | 117                     |                             |                           |                               |
| 106591             | 83                      |                             |                           |                               |
| 106592             | 78                      |                             |                           |                               |
| 106593             | 76                      |                             |                           |                               |
| 106594             | 70                      |                             |                           |                               |



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| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22608</b>                |
|                                          | Your order number : <b>GCL-08-52</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>95</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 106595             | 68                      |                             |                           |                               |
| 106596             | 63                      |                             |                           |                               |
| 106597             | 65                      |                             |                           |                               |
| 106598             | 66                      |                             |                           |                               |
| 106599             | 69                      | 61                          |                           |                               |
| 106600             | 23                      |                             |                           |                               |
| 106601             | 71                      |                             |                           |                               |
| 106602             | 73                      |                             |                           |                               |
| 106603             | 79                      |                             |                           |                               |
| 106604             | 80                      |                             |                           |                               |
| 106605             | 80                      |                             |                           |                               |
| 106606             | 79                      |                             |                           |                               |
| 106607             | 86                      |                             |                           |                               |
| 106608             | 82                      |                             |                           |                               |
| 106609             | 98                      |                             |                           |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22584</b>                |
|                                          | Your order number : <b>GCL-08-54</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>59</b>  |

| Designation | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|-------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 106804      | <5                      | <5                          | 24                      | 20                          | 35                      | 29                          | 0.3                       | 0.2                           |
| 106805      | 27                      |                             | 27                      |                             | 60                      |                             | <0.2                      |                               |
| 106806      | 7                       |                             | 27                      |                             | 60                      |                             | <0.2                      |                               |
| 106807      | <5                      |                             | 22                      |                             | 55                      |                             | <0.2                      |                               |
| 106808      | <5                      |                             | 34                      |                             | 60                      |                             | <0.2                      |                               |
| 106809      | <5                      |                             | 25                      |                             | 42                      |                             | <0.2                      |                               |
| 106810      | 10                      |                             | 44                      |                             | 75                      |                             | <0.2                      |                               |
| 106811      | 18                      |                             | 29                      |                             | 54                      |                             | <0.2                      |                               |
| 106812      | 125                     |                             | 54                      |                             | 127                     |                             | <0.2                      |                               |
| 106813      | 13                      |                             | 19                      |                             | 30                      |                             | <0.2                      |                               |
| 106814      | 48                      |                             | 22                      |                             | 43                      |                             | <0.2                      |                               |
| 106815      | <5                      |                             | 7                       |                             | 6                       |                             | <0.2                      |                               |
| 106816      | <5                      | <5                          | 10                      | 10                          | 15                      | 17                          | <0.2                      | <0.2                          |
| 106817      | <5                      |                             | 8                       |                             | 7                       |                             | <0.2                      |                               |
| 106818      | <5                      |                             | 12                      |                             | 9                       |                             | <0.2                      |                               |
| 106819      | <5                      |                             | 8                       |                             | 6                       |                             | <0.2                      |                               |
| 106820      | <5                      |                             | 11                      |                             | 6                       |                             | <0.2                      |                               |
| 106821      | <5                      |                             | 17                      |                             | 30                      |                             | <0.2                      |                               |
| 106822      | <5                      |                             | 8                       |                             | 10                      |                             | <0.2                      |                               |
| 106823      | <5                      |                             | 7                       |                             | 9                       |                             | <0.2                      |                               |

Joe Landers, Manager

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22584</b>                |
|                                          | Your order number : <b>GCL-08-54</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>59</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 106824             | <5                      |                             | 8                       |                             | 11                      |                             | <0.2                      |                               |
| 106825             | 24                      |                             | 184                     |                             | 90                      |                             | 0.7                       |                               |
| 106826             | <5                      |                             | 6                       |                             | 7                       |                             | <0.2                      |                               |
| 106827             | <5                      |                             | <5                      |                             | 7                       |                             | <0.2                      |                               |
| 106828             | <5                      | <5                          | 7                       | 5                           | 11                      | 13                          | <0.2                      | <0.2                          |
| 106829             | <5                      |                             | 6                       |                             | 9                       |                             | <0.2                      |                               |
| 106830             | <5                      |                             | 6                       |                             | 6                       |                             | <0.2                      |                               |
| 106831             | <5                      |                             | 7                       |                             | 7                       |                             | <0.2                      |                               |
| 106832             | <5                      |                             | 8                       |                             | 19                      |                             | <0.2                      |                               |
| 106833             | <5                      |                             | 12                      |                             | 19                      |                             | <0.2                      |                               |
| 106834             | 28                      |                             | 10                      |                             | 13                      |                             | <0.2                      |                               |
| 106835             | <5                      |                             | 8                       |                             | 7                       |                             | 0.3                       |                               |
| 106836             | <5                      |                             | 15                      |                             | 23                      |                             | 0.2                       |                               |
| 106837             | 65                      |                             | 16                      |                             | 15                      |                             | <0.2                      |                               |
| 106838             | 27                      |                             | 30                      |                             | 42                      |                             | <0.2                      |                               |
| 106839             | <5                      |                             | 12                      |                             | 13                      |                             | <0.2                      |                               |
| 106840             | <5                      | <5                          | 12                      | 10                          | 10                      | 10                          | <0.2                      | <0.2                          |
| 106841             | <5                      |                             | 9                       |                             | 7                       |                             | <0.2                      |                               |
| 106842             | 6                       |                             | 9                       |                             | 8                       |                             | <0.2                      |                               |
| 106843             | <5                      |                             | 11                      |                             | 10                      |                             | <0.2                      |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22584</b>                |
|                                          | Your order number : <b>GCL-08-54</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>59</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 106844             | <5                      |                             | 12                      |                             | 11                      |                             | <0.2                      |                               |
| 106845             | <5                      |                             | <5                      |                             | 8                       |                             | <0.2                      |                               |
| 106846             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106847             | <5                      |                             | 8                       |                             | 13                      |                             | <0.2                      |                               |
| 106848             | <5                      |                             | 14                      |                             | 25                      |                             | <0.2                      |                               |
| 106849             | <5                      |                             | 6                       |                             | 8                       |                             | <0.2                      |                               |
| 106850             | <5                      |                             | 29                      |                             | 26                      |                             | <0.2                      |                               |
| 106851             | <5                      |                             | 12                      |                             | 12                      |                             | <0.2                      |                               |
| 106852             | <5                      | <5                          | 10                      | 8                           | 16                      | 17                          | <0.2                      | <0.2                          |
| 106853             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106854             | <5                      |                             | 6                       |                             | 7                       |                             | <0.2                      |                               |
| 106855             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106856             | <5                      |                             | 11                      |                             | 8                       |                             | <0.2                      |                               |
| 106857             | <5                      |                             | 6                       |                             | 7                       |                             | <0.2                      |                               |
| 106858             | <5                      |                             | 5                       |                             | 6                       |                             | <0.2                      |                               |
| 106859             | <5                      |                             | 6                       |                             | 6                       |                             | <0.2                      |                               |
| 106860             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106861             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106862             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22584</b>                |
|                                          | Your order number : <b>GCL-08-54</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>59</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 106804             | 1039                    | 997                         | 2312                    | 2386                        | 33                      | 27                          | 40                      | 36                          |
| 106805             | 749                     |                             | 1924                    |                             | 27                      |                             | 30                      |                             |
| 106806             | 214                     |                             | 2567                    |                             | 19                      |                             | 26                      |                             |
| 106807             | 435                     |                             | 2605                    |                             | 25                      |                             | 32                      |                             |
| 106808             | 152                     |                             | 2749                    |                             | 20                      |                             | 29                      |                             |
| 106809             | 24                      |                             | 2716                    |                             | 13                      |                             | 25                      |                             |
| 106810             | 30                      |                             | 2281                    |                             | 15                      |                             | 26                      |                             |
| 106811             | 65                      |                             | 2682                    |                             | 15                      |                             | 26                      |                             |
| 106812             | 90                      |                             | 1921                    |                             | 14                      |                             | 28                      |                             |
| 106813             | 63                      |                             | 2109                    |                             | 18                      |                             | 26                      |                             |
| 106814             | 45                      |                             | 1689                    |                             | 17                      |                             | 23                      |                             |
| 106815             | 54                      |                             | 2320                    |                             | 22                      |                             | 23                      |                             |
| 106816             | 87                      | 91                          | 1645                    | 1687                        | 32                      | 30                          | 35                      | 33                          |
| 106817             | 91                      |                             | 1222                    |                             | 27                      |                             | 32                      |                             |
| 106818             | 81                      |                             | 1087                    |                             | 30                      |                             | 32                      |                             |
| 106819             | 13                      |                             | 843                     |                             | 32                      |                             | 34                      |                             |
| 106820             | 74                      |                             | 1382                    |                             | 28                      |                             | 28                      |                             |
| 106821             | 83                      |                             | 1326                    |                             | 27                      |                             | 33                      |                             |
| 106822             | 136                     |                             | 997                     |                             | 28                      |                             | 35                      |                             |
| 106823             | 185                     |                             | 966                     |                             | 27                      |                             | 32                      |                             |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22584</b>                |
|                                          | Your order number : <b>GCL-08-54</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>59</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 106824             | 121                     |                             | 1074                    |                             | 29                      |                             | 32                      |                             |
| 106825             | 2939                    |                             | 5933                    |                             | 68                      |                             | 33                      |                             |
| 106826             | 83                      |                             | 1117                    |                             | 30                      |                             | 30                      |                             |
| 106827             | 84                      |                             | 1125                    |                             | 30                      |                             | 30                      |                             |
| 106828             | 143                     | 145                         | 1181                    | 1195                        | 29                      | 28                          | 34                      | 32                          |
| 106829             | 90                      |                             | 1214                    |                             | 30                      |                             | 32                      |                             |
| 106830             | 104                     |                             | 1176                    |                             | 31                      |                             | 33                      |                             |
| 106831             | 120                     |                             | 1216                    |                             | 30                      |                             | 33                      |                             |
| 106832             | 121                     |                             | 1622                    |                             | 33                      |                             | 33                      |                             |
| 106833             | 100                     |                             | 1360                    |                             | 31                      |                             | 33                      |                             |
| 106834             | 112                     |                             | 1153                    |                             | 39                      |                             | 34                      |                             |
| 106835             | 84                      |                             | 1163                    |                             | 28                      |                             | 31                      |                             |
| 106836             | 106                     |                             | 1607                    |                             | 32                      |                             | 31                      |                             |
| 106837             | 154                     |                             | 671                     |                             | 28                      |                             | 27                      |                             |
| 106838             | 192                     |                             | 2295                    |                             | 41                      |                             | 32                      |                             |
| 106839             | 92                      |                             | 1131                    |                             | 29                      |                             | 31                      |                             |
| 106840             | 90                      | 94                          | 1051                    | 1035                        | 32                      | 28                          | 31                      | 30                          |
| 106841             | 97                      |                             | 997                     |                             | 39                      |                             | 33                      |                             |
| 106842             | 102                     |                             | 1063                    |                             | 32                      |                             | 32                      |                             |
| 106843             | 139                     |                             | 957                     |                             | 34                      |                             | 31                      |                             |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22584</b>                |
|                                          | Your order number : <b>GCL-08-54</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>59</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 106844             | 85                      |                             | 494                     |                             | 24                      |                             | 23                      |                             |
| 106845             | 67                      |                             | 608                     |                             | 38                      |                             | 22                      |                             |
| 106846             | 100                     |                             | 829                     |                             | 37                      |                             | 23                      |                             |
| 106847             | 221                     |                             | 823                     |                             | 78                      |                             | 24                      |                             |
| 106848             | 174                     |                             | 1087                    |                             | 30                      |                             | 20                      |                             |
| 106849             | 173                     |                             | 961                     |                             | 38                      |                             | 25                      |                             |
| 106850             | 96                      |                             | 104                     |                             | 14                      |                             | 16                      |                             |
| 106851             | 123                     |                             | 849                     |                             | 39                      |                             | 27                      |                             |
| 106852             | 134                     | 127                         | 974                     | 962                         | 31                      | 26                          | 23                      | 25                          |
| 106853             | 140                     |                             | 963                     |                             | 32                      |                             | 23                      |                             |
| 106854             | 88                      |                             | 659                     |                             | 35                      |                             | 25                      |                             |
| 106855             | 112                     |                             | 691                     |                             | 36                      |                             | 25                      |                             |
| 106856             | 99                      |                             | 884                     |                             | 34                      |                             | 22                      |                             |
| 106857             | 116                     |                             | 1072                    |                             | 37                      |                             | 24                      |                             |
| 106858             | 118                     |                             | 1003                    |                             | 38                      |                             | 21                      |                             |
| 106859             | 112                     |                             | 931                     |                             | 45                      |                             | 20                      |                             |
| 106860             | 283                     |                             | 705                     |                             | 54                      |                             | 25                      |                             |
| 106861             | 112                     |                             | 956                     |                             | 40                      |                             | 21                      |                             |
| 106862             | 102                     |                             | 985                     |                             | 34                      |                             | 21                      |                             |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22584</b>                |
|                                          | Your order number : <b>GCL-08-54</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>59</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|
| 106804             | 111                     | 105                         |                           |
| 106805             | 93                      |                             |                           |
| 106806             | 115                     |                             |                           |
| 106807             | 116                     |                             |                           |
| 106808             | 110                     |                             |                           |
| 106809             | 90                      |                             |                           |
| 106810             | 100                     |                             |                           |
| 106811             | 92                      |                             |                           |
| 106812             | 95                      |                             |                           |
| 106813             | 92                      |                             |                           |
| 106814             | 113                     |                             |                           |
| 106815             | 82                      |                             |                           |
| 106816             | 88                      | 87                          |                           |
| 106817             | 94                      |                             |                           |
| 106818             | 76                      |                             |                           |
| 106819             | 89                      |                             |                           |
| 106820             | 75                      |                             |                           |
| 106821             | 87                      |                             |                           |
| 106822             | 81                      |                             |                           |
| 106823             | 84                      |                             |                           |



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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22584</b>                |
|                                          | Your order number : <b>GCL-08-54</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>59</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|
| 106824             | 86                      |                             |                           |
| 106825             | 287                     |                             | 0.610                     |
| 106826             | 87                      |                             |                           |
| 106827             | 84                      |                             |                           |
| 106828             | 95                      | 94                          |                           |
| 106829             | 91                      |                             |                           |
| 106830             | 85                      |                             |                           |
| 106831             | 86                      |                             |                           |
| 106832             | 94                      |                             |                           |
| 106833             | 88                      |                             |                           |
| 106834             | 83                      |                             |                           |
| 106835             | 83                      |                             |                           |
| 106836             | 107                     |                             |                           |
| 106837             | 64                      |                             |                           |
| 106838             | 129                     |                             |                           |
| 106839             | 79                      |                             |                           |
| 106840             | 79                      | 77                          |                           |
| 106841             | 79                      |                             |                           |
| 106842             | 85                      |                             |                           |
| 106843             | 82                      |                             |                           |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22584</b>                |
|                                          | Your order number : <b>GCL-08-54</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>59</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|
| 106844             | 62                      |                             |                           |
| 106845             | 63                      |                             |                           |
| 106846             | 66                      |                             |                           |
| 106847             | 70                      |                             |                           |
| 106848             | 75                      |                             |                           |
| 106849             | 80                      |                             |                           |
| 106850             | 21                      |                             |                           |
| 106851             | 71                      |                             |                           |
| 106852             | 75                      | 73                          |                           |
| 106853             | 75                      |                             |                           |
| 106854             | 68                      |                             |                           |
| 106855             | 66                      |                             |                           |
| 106856             | 70                      |                             |                           |
| 106857             | 79                      |                             |                           |
| 106858             | 76                      |                             |                           |
| 106859             | 76                      |                             |                           |
| 106860             | 90                      |                             |                           |
| 106861             | 80                      |                             |                           |
| 106862             | 80                      |                             |                           |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22583</b>                |
|                                          | Your order number : <b>GCL-08-54</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>59</b>  |

| Designation | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|-------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 106745      | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 106746      | 7                       |                             | 8                       |                             | 13                      |                             | <0.2                      |                               |
| 106747      | <5                      |                             | 12                      |                             | 10                      |                             | 0.2                       |                               |
| 106748      | 44                      |                             | <5                      |                             | <5                      |                             | 0.2                       |                               |
| 106749      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106750      | <5                      |                             | 33                      |                             | 31                      |                             | <0.2                      |                               |
| 106751      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106752      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106753      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106754      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106755      | <5                      |                             | <5                      |                             | <5                      |                             | 0.3                       |                               |
| 106756      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106757      | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 106758      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106759      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106760      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106761      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106762      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106763      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106764      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |

Joe Landers, Manager

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22583</b>                |
|                                          | Your order number : <b>GCL-08-54</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>59</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 106765             | <5                      |                             | 8                       |                             | <5                      |                             | <0.2                      |                               |
| 106766             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106767             | <5                      |                             | 6                       |                             | <5                      |                             | <0.2                      |                               |
| 106768             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106769             | <5                      | <5                          | 5                       | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 106770             | <5                      |                             | 5                       |                             | <5                      |                             | <0.2                      |                               |
| 106771             | 19                      |                             | 7                       |                             | <5                      |                             | <0.2                      |                               |
| 106772             | <5                      |                             | <5                      |                             | <5                      |                             | 0.2                       |                               |
| 106773             | <5                      |                             | 10                      |                             | <5                      |                             | <0.2                      |                               |
| 106774             | <5                      |                             | 7                       |                             | <5                      |                             | 0.2                       |                               |
| 106775             | 22                      |                             | 190                     |                             | 92                      |                             | 0.6                       |                               |
| 106776             | 10                      |                             | 10                      |                             | 5                       |                             | <0.2                      |                               |
| 106777             | <5                      |                             | 11                      |                             | 6                       |                             | 0.3                       |                               |
| 106778             | <5                      |                             | <5                      |                             | <5                      |                             | 0.4                       |                               |
| 106779             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106780             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106781             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 106782             | 5                       |                             | 11                      |                             | 7                       |                             | 0.4                       |                               |
| 106783             | <5                      |                             | 9                       |                             | 6                       |                             | <0.2                      |                               |
| 106784             | <5                      |                             | 9                       |                             | 7                       |                             | <0.2                      |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22583</b>                |
|                                          | Your order number : <b>GCL-08-54</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>59</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 106785             | <5                      |                             | 10                      |                             | 6                       |                             | <0.2                      |                               |
| 106786             | <5                      |                             | 7                       |                             | 7                       |                             | <0.2                      |                               |
| 106787             | <5                      |                             | 10                      |                             | 6                       |                             | <0.2                      |                               |
| 106788             | <5                      |                             | 14                      |                             | 8                       |                             | <0.2                      |                               |
| 106789             | <5                      |                             | 10                      |                             | 8                       |                             | <0.2                      |                               |
| 106790             | <5                      |                             | 9                       |                             | 8                       |                             | 0.2                       |                               |
| 106791             | <5                      |                             | 12                      |                             | 9                       |                             | <0.2                      |                               |
| 106792             | <5                      |                             | 17                      |                             | 11                      |                             | <0.2                      |                               |
| 106793             | <5                      | <5                          | 20                      | 19                          | 13                      | 13                          | <0.2                      | <0.2                          |
| 106794             | <5                      |                             | 12                      |                             | 15                      |                             | <0.2                      |                               |
| 106795             | <5                      |                             | 11                      |                             | 15                      |                             | <0.2                      |                               |
| 106796             | <5                      |                             | 6                       |                             | 8                       |                             | <0.2                      |                               |
| 106797             | <5                      |                             | 8                       |                             | 10                      |                             | 0.2                       |                               |
| 106798             | <5                      |                             | 11                      |                             | 8                       |                             | 0.3                       |                               |
| 106799             | 10                      |                             | 14                      |                             | 27                      |                             | <0.2                      |                               |
| 106800             | <5                      |                             | 25                      |                             | 25                      |                             | <0.2                      |                               |
| 106801             | 30                      |                             | 157                     |                             | 379                     |                             | <0.2                      |                               |
| 106802             | 124                     |                             | 147                     |                             | 373                     |                             | 0.7                       |                               |
| 106803             | 19                      |                             | 144                     |                             | 212                     |                             | 1.2                       |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22583</b>                |
|                                          | Your order number : <b>GCL-08-54</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>59</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 106745             | 73                      | 79                          | 887                     | 891                         | 157                     | 154                         | 26                      | 26                          |
| 106746             | 117                     |                             | 754                     |                             | 325                     |                             | 21                      |                             |
| 106747             | 146                     |                             | 477                     |                             | 1279                    |                             | 34                      |                             |
| 106748             | 314                     |                             | 722                     |                             | 1441                    |                             | 45                      |                             |
| 106749             | 127                     |                             | 181                     |                             | 320                     |                             | 46                      |                             |
| 106750             | 90                      |                             | 59                      |                             | 25                      |                             | 33                      |                             |
| 106751             | 267                     |                             | 241                     |                             | 255                     |                             | 41                      |                             |
| 106752             | 309                     |                             | 309                     |                             | 602                     |                             | 31                      |                             |
| 106753             | 179                     |                             | 211                     |                             | 610                     |                             | 34                      |                             |
| 106754             | 66                      |                             | 140                     |                             | 99                      |                             | 26                      |                             |
| 106755             | 68                      |                             | 134                     |                             | 98                      |                             | 42                      |                             |
| 106756             | 87                      |                             | 807                     |                             | 31                      |                             | 19                      |                             |
| 106757             | 85                      | 84                          | 1086                    | 1087                        | 14                      | 12                          | 9                       | 8                           |
| 106758             | 65                      |                             | 1646                    |                             | 15                      |                             | 17                      |                             |
| 106759             | 71                      |                             | 1519                    |                             | 19                      |                             | 23                      |                             |
| 106760             | 67                      |                             | 1075                    |                             | 21                      |                             | 26                      |                             |
| 106761             | 70                      |                             | 1081                    |                             | 21                      |                             | 26                      |                             |
| 106762             | 72                      |                             | 1741                    |                             | 23                      |                             | 27                      |                             |
| 106763             | 80                      |                             | 1622                    |                             | 24                      |                             | 29                      |                             |
| 106764             | 79                      |                             | 1081                    |                             | 23                      |                             | 32                      |                             |

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|                                          |                                      |
|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22583</b>                |
|                                          | Your order number : <b>GCL-08-54</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>59</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 106765             | 67                      |                             | 1081                    |                             | 23                      |                             | 26                      |                             |
| 106766             | 76                      |                             | 1646                    |                             | 27                      |                             | 27                      |                             |
| 106767             | 72                      |                             | 1087                    |                             | 22                      |                             | 28                      |                             |
| 106768             | 75                      |                             | 1825                    |                             | 26                      |                             | 28                      |                             |
| 106769             | 84                      | 89                          | 2087                    | 2082                        | 30                      | 28                          | 30                      | 32                          |
| 106770             | 79                      |                             | 1784                    |                             | 25                      |                             | 29                      |                             |
| 106771             | 69                      |                             | 1758                    |                             | 25                      |                             | 25                      |                             |
| 106772             | 70                      |                             | 1792                    |                             | 24                      |                             | 27                      |                             |
| 106773             | 69                      |                             | 1723                    |                             | 21                      |                             | 28                      |                             |
| 106774             | 71                      |                             | 1684                    |                             | 24                      |                             | 27                      |                             |
| 106775             | 2991                    |                             | 5967                    |                             | 65                      |                             | 33                      |                             |
| 106776             | 70                      |                             | 1782                    |                             | 26                      |                             | 26                      |                             |
| 106777             | 64                      |                             | 1826                    |                             | 24                      |                             | 26                      |                             |
| 106778             | 68                      |                             | 1817                    |                             | 22                      |                             | 25                      |                             |
| 106779             | 78                      |                             | 1731                    |                             | 22                      |                             | 27                      |                             |
| 106780             | 105                     |                             | 1413                    |                             | 77                      |                             | 21                      |                             |
| 106781             | 112                     | 106                         | 93                      | 98                          | 220                     | 218                         | 32                      | 35                          |
| 106782             | 375                     |                             | 796                     |                             | 1016                    |                             | 61                      |                             |
| 106783             | 147                     |                             | 1158                    |                             | 133                     |                             | 20                      |                             |
| 106784             | 74                      |                             | 1474                    |                             | 77                      |                             | 24                      |                             |

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|                                          |                                      |
|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22583</b>                |
|                                          | Your order number : <b>GCL-08-54</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>59</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 106785             | 65                      |                             | 1657                    |                             | 30                      |                             | 23                      |                             |
| 106786             | 72                      |                             | 1617                    |                             | 26                      |                             | 27                      |                             |
| 106787             | 81                      |                             | 1345                    |                             | 26                      |                             | 26                      |                             |
| 106788             | 123                     |                             | 1138                    |                             | 23                      |                             | 26                      |                             |
| 106789             | 132                     |                             | 897                     |                             | 23                      |                             | 24                      |                             |
| 106790             | 103                     |                             | 955                     |                             | 24                      |                             | 27                      |                             |
| 106791             | 114                     |                             | 740                     |                             | 19                      |                             | 21                      |                             |
| 106792             | 63                      |                             | 427                     |                             | 17                      |                             | 19                      |                             |
| 106793             | 87                      | 82                          | 293                     | 300                         | 22                      | 22                          | 19                      | 19                          |
| 106794             | 96                      |                             | 803                     |                             | 23                      |                             | 18                      |                             |
| 106795             | 111                     |                             | 1170                    |                             | 22                      |                             | 15                      |                             |
| 106796             | 143                     |                             | 1517                    |                             | 27                      |                             | 28                      |                             |
| 106797             | 187                     |                             | 1688                    |                             | 24                      |                             | 26                      |                             |
| 106798             | 319                     |                             | 1684                    |                             | 24                      |                             | 27                      |                             |
| 106799             | 123                     |                             | 1382                    |                             | 35                      |                             | 22                      |                             |
| 106800             | 99                      |                             | 1174                    |                             | 15                      |                             | 16                      |                             |
| 106801             | 1072                    |                             | 909                     |                             | 32                      |                             | 23                      |                             |
| 106802             | 1294                    |                             | 975                     |                             | 25                      |                             | 31                      |                             |
| 106803             | 1463                    |                             | 751                     |                             | 25                      |                             | 36                      |                             |



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|------------------------------------------|--------------------------------------------------------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                                                                            |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22583</b><br>Your order number : <b>GCL-08-54</b><br>Project : <b>LANGMUIR</b> |
|                                          | Total number of samples : <b>59</b>                                                        |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|
| 106745             | 77                      | 78                          |
| 106746             | 73                      |                             |
| 106747             | 62                      |                             |
| 106748             | 95                      |                             |
| 106749             | 42                      |                             |
| 106750             | 14                      |                             |
| 106751             | 68                      |                             |
| 106752             | 69                      |                             |
| 106753             | 70                      |                             |
| 106754             | 31                      |                             |
| 106755             | 32                      |                             |
| 106756             | 51                      |                             |
| 106757             | 72                      | 74                          |
| 106758             | 103                     |                             |
| 106759             | 79                      |                             |
| 106760             | 70                      |                             |
| 106761             | 79                      |                             |
| 106762             | 88                      |                             |
| 106763             | 74                      |                             |
| 106764             | 73                      |                             |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22583</b>                |
|                                          | Your order number : <b>GCL-08-54</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>59</b>  |

| <u>Designation</u> | <u>Co<br/>AAT-7<br/>ppm<br/>2</u> | <u>Co-Dup<br/>AAT-7<br/>ppm<br/>2</u> |
|--------------------|-----------------------------------|---------------------------------------|
| 106765             | 82                                |                                       |
| 106766             | 70                                |                                       |
| 106767             | 78                                |                                       |
| 106768             | 73                                |                                       |
| 106769             | 88                                | 90                                    |
| 106770             | 71                                |                                       |
| 106771             | 75                                |                                       |
| 106772             | 74                                |                                       |
| 106773             | 83                                |                                       |
| 106774             | 73                                |                                       |
| 106775             | 273                               |                                       |
| 106776             | 69                                |                                       |
| 106777             | 73                                |                                       |
| 106778             | 69                                |                                       |
| 106779             | 72                                |                                       |
| 106780             | 66                                |                                       |
| 106781             | 22                                | 23                                    |
| 106782             | 77                                |                                       |
| 106783             | 64                                |                                       |
| 106784             | 77                                |                                       |

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|                                          |                                                                                            |
|------------------------------------------|--------------------------------------------------------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                                                                            |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22583</b><br>Your order number : <b>GCL-08-54</b><br>Project : <b>LANGMUIR</b> |
|                                          | Total number of samples : <b>59</b>                                                        |

| <u>Designation</u> | <u>Co<br/>AAT-7<br/>ppm<br/>2</u> | <u>Co-Dup<br/>AAT-7<br/>ppm<br/>2</u> |
|--------------------|-----------------------------------|---------------------------------------|
| 106785             | 79                                |                                       |
| 106786             | 80                                |                                       |
| 106787             | 70                                |                                       |
| 106788             | 73                                |                                       |
| 106789             | 75                                |                                       |
| 106790             | 71                                |                                       |
| 106791             | 65                                |                                       |
| 106792             | 58                                |                                       |
| 106793             | 43                                | 45                                    |
| 106794             | 35                                |                                       |
| 106795             | 31                                |                                       |
| 106796             | 71                                |                                       |
| 106797             | 68                                |                                       |
| 106798             | 77                                |                                       |
| 106799             | 47                                |                                       |
| 106800             | 18                                |                                       |
| 106801             | 95                                |                                       |
| 106802             | 161                               |                                       |
| 106803             | 149                               |                                       |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22486</b>                |
|                                          | Your order number : <b>GCL-08-49</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>48</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 128314             | <5                      | <5                          | 6                       | 8                           | 6                       | 7                           | <0.2                      | 0.3                           |
| 128315             | <5                      |                             | 6                       |                             | 6                       |                             | <0.2                      |                               |
| 128316             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128317             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128318             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128319             | 8                       |                             | 13                      |                             | 15                      |                             | 0.4                       |                               |
| 128320             | 26                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128321             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128322             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128323             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128324             | 92                      |                             | 148                     |                             | 350                     |                             | <0.2                      |                               |
| 128325             | 16                      |                             | 70                      |                             | 77                      |                             | 0.6                       |                               |
| 128326             | 21                      | 26                          | 179                     | 172                         | 477                     | 463                         | 0.5                       | 0.6                           |
| 128327             | 104                     |                             | 120                     |                             | 301                     |                             | 0.3                       |                               |
| 128328             | 9                       |                             | 81                      |                             | 167                     |                             | <0.2                      |                               |
| 128329             | <5                      |                             | 108                     |                             | 210                     |                             | 0.4                       |                               |
| 128330             | 12                      |                             | 156                     |                             | 324                     |                             | 0.4                       |                               |
| 128331             | 24                      |                             | 60                      |                             | 122                     |                             | 0.3                       |                               |
| 128332             | 5                       |                             | 81                      |                             | 178                     |                             | <0.2                      |                               |
| 128333             | 11                      |                             | 105                     |                             | 244                     |                             | 0.5                       |                               |



Joe Landers, Manager

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22486</b>                |
|                                          | Your order number : <b>GCL-08-49</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>48</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 128334             | 46                      |                             | 88                      |                             | 199                     |                             | 0.3                       |                               |
| 128335             | 37                      |                             | 122                     |                             | 275                     |                             | 0.4                       |                               |
| 128336             | 25                      |                             | 85                      |                             | 215                     |                             | <0.2                      |                               |
| 128337             | 121                     |                             | 99                      |                             | 220                     |                             | 0.2                       |                               |
| 128338             | 19                      | 21                          | 89                      | 82                          | 212                     | 193                         | 0.3                       | 0.3                           |
| 128339             | 16                      |                             | 123                     |                             | 264                     |                             | 0.3                       |                               |
| 128340             | 49                      |                             | 147                     |                             | 292                     |                             | 0.4                       |                               |
| 128341             | 36                      |                             | 75                      |                             | 170                     |                             | 0.5                       |                               |
| 128342             | 16                      |                             | 69                      |                             | 144                     |                             | 0.2                       |                               |
| 128343             | <5                      |                             | 66                      |                             | 161                     |                             | 0.2                       |                               |
| 128344             | 12                      |                             | 133                     |                             | 311                     |                             | 0.6                       |                               |
| 128345             | 37                      |                             | 86                      |                             | 189                     |                             | 0.5                       |                               |
| 128346             | 9                       |                             | 60                      |                             | 136                     |                             | 0.3                       |                               |
| 128347             | <5                      |                             | 72                      |                             | 158                     |                             | <0.2                      |                               |
| 128348             | <5                      |                             | 112                     |                             | 204                     |                             | 0.3                       |                               |
| 128349             | <5                      |                             | 20                      |                             | 41                      |                             | <0.2                      |                               |
| 128350             | 14                      | 12                          | 22                      | 25                          | 32                      | 35                          | <0.2                      | <0.2                          |
| 128351             | <5                      |                             | 9                       |                             | 11                      |                             | <0.2                      |                               |
| 128352             | <5                      |                             | 14                      |                             | 9                       |                             | 0.2                       |                               |
| 128353             | <5                      |                             | 11                      |                             | 8                       |                             | <0.2                      |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22486</b>                |
|                                          | Your order number : <b>GCL-08-49</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>48</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 128354             | 7                       |                             | 16                      |                             | 15                      |                             | <0.2                      |                               |
| 128355             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128356             | <5                      |                             | 14                      |                             | 10                      |                             | <0.2                      |                               |
| 128357             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128358             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128359             | <5                      |                             | 17                      |                             | 10                      |                             | <0.2                      |                               |
| 128360             | <5                      |                             | 13                      |                             | 8                       |                             | <0.2                      |                               |
| 128361             | <5                      |                             | 13                      |                             | 9                       |                             | <0.2                      |                               |

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|                                          |                                      |
|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22486</b>                |
|                                          | Your order number : <b>GCL-08-49</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>48</b>  |

| Designation | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|-------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 128314      | 76                      | 85                          | 76                      | 82                          | 59                      | 52                          | 21                      | 22                          |
| 128315      | 85                      |                             | 86                      |                             | 60                      |                             | 22                      |                             |
| 128316      | 56                      |                             | 61                      |                             | 50                      |                             | 20                      |                             |
| 128317      | 84                      |                             | 232                     |                             | 36                      |                             | 20                      |                             |
| 128318      | 79                      |                             | 302                     |                             | 34                      |                             | 16                      |                             |
| 128319      | 92                      |                             | 361                     |                             | 51                      |                             | 20                      |                             |
| 128320      | 50                      |                             | 1724                    |                             | 34                      |                             | 21                      |                             |
| 128321      | 191                     |                             | 1308                    |                             | 30                      |                             | 25                      |                             |
| 128322      | 147                     |                             | 1385                    |                             | 32                      |                             | 25                      |                             |
| 128323      | 79                      |                             | 1332                    |                             | 31                      |                             | 25                      |                             |
| 128324      | 1219                    |                             | ----- >DL               |                             | 28                      |                             | 24                      |                             |
| 128325      | 1885                    |                             | ----- >DL               |                             | 92                      |                             | 49                      |                             |
| 128326      | 1658                    | 1650                        | ----- >DL               | ----- >DL                   | 30                      | 29                          | 25                      | 25                          |
| 128327      | 1196                    |                             | ----- >DL               |                             | 31                      |                             | 25                      |                             |
| 128328      | 659                     |                             | 6398                    |                             | 29                      |                             | 24                      |                             |
| 128329      | 905                     |                             | 9635                    |                             | 30                      |                             | 25                      |                             |
| 128330      | 1279                    |                             | ----- >DL               |                             | 28                      |                             | 25                      |                             |
| 128331      | 680                     |                             | 6009                    |                             | 28                      |                             | 25                      |                             |
| 128332      | 884                     |                             | 8989                    |                             | 27                      |                             | 23                      |                             |
| 128333      | 1297                    |                             | ----- >DL               |                             | 27                      |                             | 20                      |                             |

>DL Value greater than detection limit

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22486</b>                |
|                                          | Your order number : <b>GCL-08-49</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>48</b>  |

| Designation | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|-------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 128334      | 765                     |                             | 7561                    |                             | 34                      |                             | 24                      |                             |
| 128335      | 984                     |                             | >DL                     |                             | 22                      |                             | 17                      |                             |
| 128336      | 1300                    |                             | >DL                     |                             | 23                      |                             | 18                      |                             |
| 128337      | 649                     |                             | >DL                     |                             | 29                      |                             | 22                      |                             |
| 128338      | 1324                    | 1332                        | >DL                     | >DL                         | 28                      | 28                          | 25                      | 25                          |
| 128339      | 1077                    |                             | >DL                     |                             | 26                      |                             | 24                      |                             |
| 128340      | 1101                    |                             | >DL                     |                             | 29                      |                             | 26                      |                             |
| 128341      | 793                     |                             | 6751                    |                             | 29                      |                             | 27                      |                             |
| 128342      | 738                     |                             | 7907                    |                             | 29                      |                             | 23                      |                             |
| 128343      | 506                     |                             | 8649                    |                             | 32                      |                             | 26                      |                             |
| 128344      | 1145                    |                             | >DL                     |                             | 36                      |                             | 26                      |                             |
| 128345      | 1002                    |                             | >DL                     |                             | 39                      |                             | 28                      |                             |
| 128346      | 547                     |                             | 9722                    |                             | 44                      |                             | 27                      |                             |
| 128347      | 313                     |                             | 9279                    |                             | 38                      |                             | 24                      |                             |
| 128348      | 537                     |                             | 9193                    |                             | 43                      |                             | 23                      |                             |
| 128349      | 221                     |                             | 1939                    |                             | 52                      |                             | 28                      |                             |
| 128350      | 32                      | 38                          | 1566                    | 1613                        | 27                      | 28                          | 14                      | 15                          |
| 128351      | 149                     |                             | 788                     |                             | 54                      |                             | 19                      |                             |
| 128352      | 33                      |                             | 811                     |                             | 44                      |                             | 15                      |                             |
| 128353      | 51                      |                             | 503                     |                             | 81                      |                             | 24                      |                             |

>DL Value greater than detection limit



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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22486</b>                |
|                                          | Your order number : <b>GCL-08-49</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>48</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 128354             | 52                      |                             | 693                     |                             | 48                      |                             | 15                      |                             |
| 128355             | 286                     |                             | 276                     |                             | 137                     |                             | 28                      |                             |
| 128356             | 220                     |                             | 896                     |                             | 953                     |                             | 31                      |                             |
| 128357             | 96                      |                             | 1032                    |                             | 154                     |                             | 20                      |                             |
| 128358             | 71                      |                             | 695                     |                             | 85                      |                             | 34                      |                             |
| 128359             | 100                     |                             | 1330                    |                             | 87                      |                             | 18                      |                             |
| 128360             | 72                      |                             | 1097                    |                             | 81                      |                             | 18                      |                             |
| 128361             | 100                     |                             | 1156                    |                             | 77                      |                             | 17                      |                             |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22486</b>                |
|                                          | Your order number : <b>GCL-08-49</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>48</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 128314             | 34                      | 36                          |                           |                               |
| 128315             | 38                      |                             |                           |                               |
| 128316             | 29                      |                             |                           |                               |
| 128317             | 50                      |                             |                           |                               |
| 128318             | 48                      |                             |                           |                               |
| 128319             | 49                      |                             |                           |                               |
| 128320             | 83                      |                             |                           |                               |
| 128321             | 85                      |                             |                           |                               |
| 128322             | 92                      |                             |                           |                               |
| 128323             | 91                      |                             |                           |                               |
| 128324             | 275                     |                             | 1.090                     |                               |
| 128325             | 368                     |                             | 2.040                     |                               |
| 128326             | 339                     | 332                         | 1.420                     | 1.440                         |
| 128327             | 265                     |                             | 1.140                     |                               |
| 128328             | 150                     |                             | 0.640                     |                               |
| 128329             | 193                     |                             | 0.940                     |                               |
| 128330             | 276                     |                             | 1.320                     |                               |
| 128331             | 126                     |                             | 0.620                     |                               |
| 128332             | 157                     |                             | 0.870                     |                               |
| 128333             | 190                     |                             | 1.030                     |                               |

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| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22486</b>                |
|                                          | Your order number : <b>GCL-08-49</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>48</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 128334             | 159                     |                             | 0.770                     |                               |
| 128335             | 221                     |                             | 1.180                     |                               |
| 128336             | 228                     |                             | 1.200                     |                               |
| 128337             | 204                     |                             | 1.060                     |                               |
| 128338             | 169                     | 172                         | 1.030                     | 1.040                         |
| 128339             | 197                     |                             | 1.080                     |                               |
| 128340             | 212                     |                             | 1.150                     |                               |
| 128341             | 151                     |                             | 0.700                     |                               |
| 128342             | 155                     |                             | 0.800                     |                               |
| 128343             | 174                     |                             | 0.850                     |                               |
| 128344             | 234                     |                             | 1.050                     |                               |
| 128345             | 244                     |                             | 1.170                     |                               |
| 128346             | 180                     |                             | 0.980                     |                               |
| 128347             | 173                     |                             | 0.940                     |                               |
| 128348             | 163                     |                             | 0.890                     |                               |
| 128349             | 61                      |                             |                           |                               |
| 128350             | 55                      | 57                          |                           |                               |
| 128351             | 52                      |                             |                           |                               |
| 128352             | 47                      |                             |                           |                               |
| 128353             | 55                      |                             |                           |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22486</b>                |
|                                          | Your order number : <b>GCL-08-49</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>48</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 128354             | 43                      |                             |                           |                               |
| 128355             | 65                      |                             |                           |                               |
| 128356             | 90                      |                             |                           |                               |
| 128357             | 76                      |                             |                           |                               |
| 128358             | 55                      |                             |                           |                               |
| 128359             | 80                      |                             |                           |                               |
| 128360             | 67                      |                             |                           |                               |
| 128361             | 75                      |                             |                           |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22484</b>                |
|                                          | Your order number : <b>GCL-08-48</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>76</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 128174             | 14                      | 12                          | 11                      | 13                          | 10                      | 9                           | <0.2                      | <0.2                          |
| 128175             | 12                      |                             | 73                      |                             | 66                      |                             | 0.8                       |                               |
| 128176             | 9                       |                             | 16                      |                             | 8                       |                             | <0.2                      |                               |
| 128177             | 6                       |                             | 11                      |                             | 6                       |                             | <0.2                      |                               |
| 128178             | <5                      |                             | 6                       |                             | 6                       |                             | <0.2                      |                               |
| 128179             | <5                      |                             | <5                      |                             | <5                      |                             | 0.2                       |                               |
| 128180             | 66                      |                             | 5                       |                             | 5                       |                             | <0.2                      |                               |
| 128181             | <5                      |                             | 15                      |                             | 8                       |                             | <0.2                      |                               |
| 128182             | <5                      |                             | 12                      |                             | 8                       |                             | <0.2                      |                               |
| 128183             | <5                      |                             | 11                      |                             | 8                       |                             | <0.2                      |                               |
| 128184             | <5                      |                             | 9                       |                             | 7                       |                             | <0.2                      |                               |
| 128185             | <5                      |                             | 10                      |                             | 9                       |                             | <0.2                      |                               |
| 128186             | <5                      | <5                          | 12                      | 12                          | 8                       | 6                           | <0.2                      | <0.2                          |
| 128187             | <5                      |                             | 6                       |                             | 8                       |                             | <0.2                      |                               |
| 128188             | <5                      |                             | 7                       |                             | 10                      |                             | <0.2                      |                               |
| 128189             | <5                      |                             | 5                       |                             | 7                       |                             | <0.2                      |                               |
| 128190             | <5                      |                             | <5                      |                             | 5                       |                             | <0.2                      |                               |
| 128191             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128192             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128193             | 16                      |                             | <5                      |                             | <5                      |                             | 0.2                       |                               |



Joe Landers, Manager

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22484</b>                |
|                                          | Your order number : <b>GCL-08-48</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>76</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 128194             | 14                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128195             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128196             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128197             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128198             | <5                      | <5                          | 10                      | 10                          | 8                       | 10                          | <0.2                      | <0.2                          |
| 128199             | <5                      |                             | 10                      |                             | 6                       |                             | <0.2                      |                               |
| 128200             | 9                       |                             | 25                      |                             | 23                      |                             | <0.2                      |                               |
| 128201             | 11                      |                             | 8                       |                             | <5                      |                             | <0.2                      |                               |
| 128202             | <5                      |                             | 10                      |                             | <5                      |                             | <0.2                      |                               |
| 128203             | <5                      |                             | 8                       |                             | <5                      |                             | <0.2                      |                               |
| 128204             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128205             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128206             | 6                       |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128207             | <5                      |                             | 6                       |                             | 5                       |                             | <0.2                      |                               |
| 128208             | <5                      |                             | 12                      |                             | 7                       |                             | <0.2                      |                               |
| 128209             | 70                      |                             | <5                      |                             | 6                       |                             | <0.2                      |                               |
| 128210             | 20                      | 18                          | 7                       | 6                           | 7                       | 7                           | <0.2                      | <0.2                          |
| 128211             | 7                       |                             | 6                       |                             | 6                       |                             | <0.2                      |                               |
| 128212             | <5                      |                             | 10                      |                             | 6                       |                             | <0.2                      |                               |
| 128213             | <5                      |                             | 10                      |                             | 11                      |                             | <0.2                      |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22484</b>                |
|                                          | Your order number : <b>GCL-08-48</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>76</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 128214             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128215             | <5                      |                             | 12                      |                             | 13                      |                             | <0.2                      |                               |
| 128216             | <5                      |                             | 13                      |                             | 13                      |                             | <0.2                      |                               |
| 128217             | <5                      |                             | 12                      |                             | 14                      |                             | <0.2                      |                               |
| 128218             | <5                      |                             | 9                       |                             | 9                       |                             | <0.2                      |                               |
| 128219             | <5                      |                             | 8                       |                             | 7                       |                             | <0.2                      |                               |
| 128220             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128221             | <5                      |                             | 11                      |                             | 7                       |                             | <0.2                      |                               |
| 128222             | <5                      | <5                          | 12                      | 13                          | 12                      | 10                          | <0.2                      | <0.2                          |
| 128223             | <5                      |                             | 13                      |                             | 7                       |                             | <0.2                      |                               |
| 128224             | <5                      |                             | 15                      |                             | 6                       |                             | <0.2                      |                               |
| 128225             | 20                      |                             | 200                     |                             | 90                      |                             | 0.6                       |                               |
| 128226             | <5                      |                             | 9                       |                             | 6                       |                             | <0.2                      |                               |
| 128227             | 17                      |                             | 10                      |                             | 5                       |                             | <0.2                      |                               |
| 128228             | <5                      |                             | 9                       |                             | 7                       |                             | <0.2                      |                               |
| 128229             | <5                      |                             | 10                      |                             | <5                      |                             | <0.2                      |                               |
| 128230             | <5                      |                             | 6                       |                             | 5                       |                             | <0.2                      |                               |
| 128231             | <5                      |                             | 6                       |                             | 6                       |                             | <0.2                      |                               |
| 128232             | 8                       |                             | 10                      |                             | 5                       |                             | <0.2                      |                               |
| 128233             | 12                      |                             | 9                       |                             | 6                       |                             | <0.2                      |                               |

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|                                          |                                      |
|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22484</b>                |
|                                          | Your order number : <b>GCL-08-48</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>76</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 128234             | 208                     | 199                         | 10                      | 10                          | 7                       | 6                           | <0.2                      | <0.2                          |
| 128235             | 43                      |                             | 19                      |                             | 8                       |                             | <0.2                      |                               |
| 128236             | 26                      |                             | 11                      |                             | <5                      |                             | <0.2                      |                               |
| 128237             | 13                      |                             | 14                      |                             | <5                      |                             | <0.2                      |                               |
| 128238             | <5                      |                             | 28                      |                             | 17                      |                             | <0.2                      |                               |
| 128239             | 7                       |                             | 21                      |                             | 13                      |                             | <0.2                      |                               |
| 128240             | 6                       |                             | 18                      |                             | 13                      |                             | <0.2                      |                               |
| 128241             | <5                      |                             | 17                      |                             | 13                      |                             | <0.2                      |                               |
| 128242             | <5                      |                             | 14                      |                             | 9                       |                             | <0.2                      |                               |
| 128243             | <5                      |                             | 14                      |                             | 10                      |                             | <0.2                      |                               |
| 128244             | 5                       |                             | 13                      |                             | 10                      |                             | <0.2                      |                               |
| 128245             | <5                      |                             | 15                      |                             | 13                      |                             | <0.2                      |                               |
| 128246             | <5                      | <5                          | 14                      | 18                          | 11                      | 11                          | <0.2                      | <0.2                          |
| 128247             | 7                       |                             | 18                      |                             | 10                      |                             | <0.2                      |                               |
| 128248             | <5                      |                             | 13                      |                             | 7                       |                             | <0.2                      |                               |
| 128249             | 6                       |                             | 20                      |                             | 9                       |                             | <0.2                      |                               |



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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22484</b>                |
|                                          | Your order number : <b>GCL-08-48</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>76</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 128174             | 73                      | 70                          | 555                     | 549                         | 13                      | 10                          | 31                      | 29                          |
| 128175             | 1789                    |                             | ----- >DL               |                             | 83                      |                             | 60                      |                             |
| 128176             | 232                     |                             | 635                     |                             | 15                      |                             | 27                      |                             |
| 128177             | 89                      |                             | 469                     |                             | 18                      |                             | 25                      |                             |
| 128178             | 107                     |                             | 183                     |                             | 28                      |                             | 26                      |                             |
| 128179             | 108                     |                             | 71                      |                             | 31                      |                             | 22                      |                             |
| 128180             | 90                      |                             | 77                      |                             | 33                      |                             | 24                      |                             |
| 128181             | 127                     |                             | 87                      |                             | 53                      |                             | 28                      |                             |
| 128182             | 122                     |                             | 71                      |                             | 56                      |                             | 27                      |                             |
| 128183             | 136                     |                             | 68                      |                             | 57                      |                             | 28                      |                             |
| 128184             | 110                     |                             | 62                      |                             | 44                      |                             | 25                      |                             |
| 128185             | 86                      |                             | 65                      |                             | 36                      |                             | 24                      |                             |
| 128186             | 126                     | 125                         | 89                      | 92                          | 36                      | 37                          | 25                      | 28                          |
| 128187             | 94                      |                             | 299                     |                             | 24                      |                             | 22                      |                             |
| 128188             | 134                     |                             | 554                     |                             | 40                      |                             | 28                      |                             |
| 128189             | 49                      |                             | 351                     |                             | 30                      |                             | 13                      |                             |
| 128190             | 144                     |                             | 873                     |                             | 134                     |                             | 17                      |                             |
| 128191             | 398                     |                             | 381                     |                             | 2717                    |                             | 63                      |                             |
| 128192             | 118                     |                             | 678                     |                             | 91                      |                             | 18                      |                             |
| 128193             | 539                     |                             | 277                     |                             | 947                     |                             | 98                      |                             |

>DL Value greater than detection limit

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22484</b>                |
|                                          | Your order number : <b>GCL-08-48</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>76</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 128194             | 279                     |                             | 183                     |                             | 631                     |                             | 88                      |                             |
| 128195             | 76                      |                             | 152                     |                             | 136                     |                             | 28                      |                             |
| 128196             | 50                      |                             | 139                     |                             | 59                      |                             | 27                      |                             |
| 128197             | 56                      |                             | 177                     |                             | 58                      |                             | 33                      |                             |
| 128198             | 103                     | 102                         | 923                     | 907                         | 42                      | 43                          | 30                      | 26                          |
| 128199             | 101                     |                             | 1017                    |                             | 26                      |                             | 23                      |                             |
| 128200             | 122                     |                             | 87                      |                             | 18                      |                             | 19                      |                             |
| 128201             | 84                      |                             | 1131                    |                             | 35                      |                             | 28                      |                             |
| 128202             | 59                      |                             | 1451                    |                             | 37                      |                             | 25                      |                             |
| 128203             | 65                      |                             | 1172                    |                             | 33                      |                             | 29                      |                             |
| 128204             | 88                      |                             | 1581                    |                             | 48                      |                             | 26                      |                             |
| 128205             | 58                      |                             | 1326                    |                             | 28                      |                             | 27                      |                             |
| 128206             | 59                      |                             | 1452                    |                             | 28                      |                             | 27                      |                             |
| 128207             | 81                      |                             | 1394                    |                             | 67                      |                             | 31                      |                             |
| 128208             | 95                      |                             | 1266                    |                             | 38                      |                             | 38                      |                             |
| 128209             | 109                     |                             | 819                     |                             | 48                      |                             | 27                      |                             |
| 128210             | 146                     | 137                         | 969                     | 954                         | 50                      | 46                          | 19                      | 17                          |
| 128211             | 102                     |                             | 1176                    |                             | 29                      |                             | 18                      |                             |
| 128212             | 130                     |                             | 1236                    |                             | 45                      |                             | 18                      |                             |
| 128213             | 114                     |                             | 794                     |                             | 122                     |                             | 25                      |                             |

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|                                          |                                      |
|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22484</b>                |
|                                          | Your order number : <b>GCL-08-48</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>76</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 128214             | 140                     |                             | 596                     |                             | 353                     |                             | 107                     |                             |
| 128215             | 107                     |                             | 313                     |                             | 53                      |                             | 43                      |                             |
| 128216             | 50                      |                             | 284                     |                             | 54                      |                             | 29                      |                             |
| 128217             | 156                     |                             | 528                     |                             | 53                      |                             | 26                      |                             |
| 128218             | 129                     |                             | 947                     |                             | 46                      |                             | 26                      |                             |
| 128219             | 46                      |                             | 553                     |                             | 13                      |                             | 13                      |                             |
| 128220             | 37                      |                             | 101                     |                             | 40                      |                             | 24                      |                             |
| 128221             | 45                      |                             | 694                     |                             | 19                      |                             | 17                      |                             |
| 128222             | 79                      | 77                          | 1204                    | 1219                        | 23                      | 22                          | 36                      | 32                          |
| 128223             | 67                      |                             | 1367                    |                             | 22                      |                             | 29                      |                             |
| 128224             | 58                      |                             | 1421                    |                             | 21                      |                             | 28                      |                             |
| 128225             | 2894                    |                             | 5971                    |                             | 61                      |                             | 37                      |                             |
| 128226             | 61                      |                             | 1279                    |                             | 21                      |                             | 28                      |                             |
| 128227             | 62                      |                             | 1489                    |                             | 20                      |                             | 27                      |                             |
| 128228             | 52                      |                             | 1540                    |                             | 19                      |                             | 23                      |                             |
| 128229             | 45                      |                             | 1392                    |                             | 17                      |                             | 23                      |                             |
| 128230             | 51                      |                             | 1490                    |                             | 17                      |                             | 25                      |                             |
| 128231             | 51                      |                             | 1449                    |                             | 17                      |                             | 27                      |                             |
| 128232             | 50                      |                             | 1454                    |                             | 17                      |                             | 26                      |                             |
| 128233             | 51                      |                             | 1303                    |                             | 18                      |                             | 23                      |                             |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22484</b>                |
|                                          | Your order number : <b>GCL-08-48</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>76</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 128234             | 49                      | 52                          | 1356                    | 1330                        | 17                      | 17                          | 23                      | 24                          |
| 128235             | 55                      |                             | 1315                    |                             | 17                      |                             | 24                      |                             |
| 128236             | 59                      |                             | 1151                    |                             | 18                      |                             | 28                      |                             |
| 128237             | 47                      |                             | 734                     |                             | 20                      |                             | 24                      |                             |
| 128238             | 68                      |                             | 145                     |                             | 36                      |                             | 32                      |                             |
| 128239             | 56                      |                             | 225                     |                             | 34                      |                             | 28                      |                             |
| 128240             | 43                      |                             | 328                     |                             | 31                      |                             | 26                      |                             |
| 128241             | 51                      |                             | 302                     |                             | 31                      |                             | 27                      |                             |
| 128242             | 107                     |                             | 923                     |                             | 37                      |                             | 29                      |                             |
| 128243             | 97                      |                             | 828                     |                             | 36                      |                             | 28                      |                             |
| 128244             | 97                      |                             | 1007                    |                             | 46                      |                             | 29                      |                             |
| 128245             | 105                     |                             | 528                     |                             | 47                      |                             | 26                      |                             |
| 128246             | 165                     | 160                         | 1096                    | 1030                        | 87                      | 81                          | 30                      | 28                          |
| 128247             | 246                     |                             | 963                     |                             | 279                     |                             | 27                      |                             |
| 128248             | 75                      |                             | 759                     |                             | 261                     |                             | 20                      |                             |
| 128249             | 314                     |                             | 884                     |                             | 169                     |                             | 33                      |                             |

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|------------------------------------------|--------------------------------------------------------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                                                                            |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22484</b><br>Your order number : <b>GCL-08-48</b><br>Project : <b>LANGMUIR</b> |
|                                          | Total number of samples : <b>76</b>                                                        |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|
| 128174             | 50                      | 46                          |                           |
| 128175             | 387                     |                             | 2.010                     |
| 128176             | 59                      |                             |                           |
| 128177             | 57                      |                             |                           |
| 128178             | 39                      |                             |                           |
| 128179             | 32                      |                             |                           |
| 128180             | 35                      |                             |                           |
| 128181             | 43                      |                             |                           |
| 128182             | 42                      |                             |                           |
| 128183             | 45                      |                             |                           |
| 128184             | 35                      |                             |                           |
| 128185             | 36                      |                             |                           |
| 128186             | 43                      | 40                          |                           |
| 128187             | 51                      |                             |                           |
| 128188             | 69                      |                             |                           |
| 128189             | 32                      |                             |                           |
| 128190             | 58                      |                             |                           |
| 128191             | 86                      |                             |                           |
| 128192             | 49                      |                             |                           |
| 128193             | 101                     |                             |                           |

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| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22484</b>                |
|                                          | Your order number : <b>GCL-08-48</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>76</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|
| 128194             | 66                      |                             |                           |
| 128195             | 27                      |                             |                           |
| 128196             | 25                      |                             |                           |
| 128197             | 29                      |                             |                           |
| 128198             | 62                      | 62                          |                           |
| 128199             | 61                      |                             |                           |
| 128200             | 18                      |                             |                           |
| 128201             | 68                      |                             |                           |
| 128202             | 85                      |                             |                           |
| 128203             | 69                      |                             |                           |
| 128204             | 92                      |                             |                           |
| 128205             | 79                      |                             |                           |
| 128206             | 79                      |                             |                           |
| 128207             | 75                      |                             |                           |
| 128208             | 75                      |                             |                           |
| 128209             | 58                      |                             |                           |
| 128210             | 71                      | 71                          |                           |
| 128211             | 74                      |                             |                           |
| 128212             | 80                      |                             |                           |
| 128213             | 72                      |                             |                           |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22484</b>                |
|                                          | Your order number : <b>GCL-08-48</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>76</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|
| 128214             | 79                      |                             |                           |
| 128215             | 57                      |                             |                           |
| 128216             | 53                      |                             |                           |
| 128217             | 65                      |                             |                           |
| 128218             | 68                      |                             |                           |
| 128219             | 35                      |                             |                           |
| 128220             | 21                      |                             |                           |
| 128221             | 45                      |                             |                           |
| 128222             | 69                      | 65                          |                           |
| 128223             | 74                      |                             |                           |
| 128224             | 72                      |                             |                           |
| 128225             | 279                     |                             |                           |
| 128226             | 73                      |                             |                           |
| 128227             | 72                      |                             |                           |
| 128228             | 74                      |                             |                           |
| 128229             | 72                      |                             |                           |
| 128230             | 76                      |                             |                           |
| 128231             | 70                      |                             |                           |
| 128232             | 71                      |                             |                           |
| 128233             | 70                      |                             |                           |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22484</b>                |
|                                          | Your order number : <b>GCL-08-48</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>76</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|
| 128234             | 72                      | 72                          |                           |
| 128235             | 78                      |                             |                           |
| 128236             | 72                      |                             |                           |
| 128237             | 66                      |                             |                           |
| 128238             | 42                      |                             |                           |
| 128239             | 41                      |                             |                           |
| 128240             | 42                      |                             |                           |
| 128241             | 39                      |                             |                           |
| 128242             | 68                      |                             |                           |
| 128243             | 66                      |                             |                           |
| 128244             | 74                      |                             |                           |
| 128245             | 60                      |                             |                           |
| 128246             | 80                      | 76                          |                           |
| 128247             | 76                      |                             |                           |
| 128248             | 48                      |                             |                           |
| 128249             | 63                      |                             |                           |



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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22275</b>                |
|                                          | Your order number : <b>GCL-08-50</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>96</b>  |

| Designation | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|-------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 128362      | <5                      | <5                          | 15                      | 10                          | 10                      | 7                           | 0.2                       | <0.2                          |
| 128363      | <5                      |                             | 16                      |                             | 10                      |                             | <0.2                      |                               |
| 128364      | <5                      |                             | 14                      |                             | 12                      |                             | <0.2                      |                               |
| 128365      | <5                      |                             | 12                      |                             | 9                       |                             | <0.2                      |                               |
| 128366      | <5                      |                             | 25                      |                             | 18                      |                             | <0.2                      |                               |
| 128367      | <5                      |                             | 16                      |                             | 11                      |                             | <0.2                      |                               |
| 128368      | <5                      |                             | 30                      |                             | 14                      |                             | <0.2                      |                               |
| 128369      | <5                      |                             | 15                      |                             | 13                      |                             | <0.2                      |                               |
| 128370      | <5                      |                             | 20                      |                             | 11                      |                             | <0.2                      |                               |
| 128371      | <5                      |                             | 22                      |                             | 14                      |                             | <0.2                      |                               |
| 128372      | <5                      |                             | 19                      |                             | 9                       |                             | <0.2                      |                               |
| 128373      | <5                      |                             | 16                      |                             | 8                       |                             | <0.2                      |                               |
| 128374      | <5                      | <5                          | 11                      | 8                           | 7                       | 5                           | <0.2                      | <0.2                          |
| 128375      | 10                      |                             | 74                      |                             | 82                      |                             | 0.8                       |                               |
| 128376      | <5                      |                             | 24                      |                             | 13                      |                             | <0.2                      |                               |
| 128377      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128378      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128379      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128380      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128381      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |

  
 Luce Lafleur, Office Manager

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|                                          |                                      |
|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22275</b>                |
|                                          | Your order number : <b>GCL-08-50</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>96</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 128382             | <5                      |                             | 77                      |                             | 94                      |                             | <0.2                      |                               |
| 128383             | <5                      |                             | 23                      |                             | 46                      |                             | <0.2                      |                               |
| 128384             | 14                      |                             | 9                       |                             | 44                      |                             | 0.6                       |                               |
| 128385             | 18                      | 24                          | 316                     | 322                         | 1156                    | 1193                        | 0.9                       |                               |
| 128386             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | 0.5                       | 0.5                           |
| 128387             | <5                      |                             | 11                      |                             | 14                      |                             | <0.2                      |                               |
| 128388             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128389             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128390             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128391             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128392             | <5                      |                             | 45                      |                             | 90                      |                             | <0.2                      |                               |
| 128393             | <5                      |                             | 44                      |                             | 68                      |                             | <0.2                      |                               |
| 128394             | <5                      |                             | 23                      |                             | 38                      |                             | <0.2                      |                               |
| 128395             | <5                      |                             | 12                      |                             | 7                       |                             | <0.2                      |                               |
| 128396             | <5                      |                             | 159                     |                             | 353                     |                             | <0.2                      |                               |
| 128397             | 128                     |                             | 149                     |                             | 332                     |                             | <0.2                      |                               |
| 128398             | 12                      | 8                           | 26                      | 32                          | 49                      | 46                          | <0.2                      | <0.2                          |
| 128399             | 48                      |                             | 25                      |                             | 23                      |                             | <0.2                      |                               |
| 128400             | <5                      |                             | 30                      |                             | 21                      |                             | <0.2                      |                               |
| 128401             | <5                      |                             | 20                      |                             | 30                      |                             | <0.2                      |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22275</b>                |
|                                          | Your order number : <b>GCL-08-50</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>96</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 128402             | <5                      |                             | 18                      |                             | 24                      |                             | <0.2                      |                               |
| 128403             | <5                      |                             | 33                      |                             | 47                      |                             | <0.2                      |                               |
| 128404             | <5                      |                             | 11                      |                             | <5                      |                             | <0.2                      |                               |
| 128405             | <5                      |                             | 11                      |                             | <5                      |                             | <0.2                      |                               |
| 128406             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128407             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128408             | <5                      |                             | 14                      |                             | 6                       |                             | <0.2                      |                               |
| 128409             | 25                      |                             | 6                       |                             | <5                      |                             | 0.4                       |                               |
| 128410             | <5                      | <5                          | 10                      | 12                          | 7                       | 8                           | <0.2                      | <0.2                          |
| 128411             | <5                      |                             | 17                      |                             | 12                      |                             | <0.2                      |                               |
| 128412             | <5                      |                             | 13                      |                             | 10                      |                             | <0.2                      |                               |
| 128413             | <5                      |                             | 9                       |                             | <5                      |                             | <0.2                      |                               |
| 128414             | <5                      |                             | 10                      |                             | <5                      |                             | <0.2                      |                               |
| 128415             | <5                      |                             | 14                      |                             | 7                       |                             | <0.2                      |                               |
| 128416             | <5                      |                             | 30                      |                             | 21                      |                             | <0.2                      |                               |
| 128417             | <5                      |                             | 11                      |                             | <5                      |                             | <0.2                      |                               |
| 128418             | <5                      |                             | 17                      |                             | 12                      |                             | <0.2                      |                               |
| 128419             | <5                      |                             | 16                      |                             | 14                      |                             | <0.2                      |                               |
| 128420             | <5                      |                             | 17                      |                             | 16                      |                             | <0.2                      |                               |
| 128421             | <5                      |                             | 22                      |                             | 15                      |                             | <0.2                      |                               |

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|                                          |                                      |
|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22275</b>                |
|                                          | Your order number : <b>GCL-08-50</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>96</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 128422             | <5                      | <5                          | 22                      | 23                          | 17                      | 18                          | <0.2                      | <0.2                          |
| 128423             | <5                      |                             | 19                      |                             | 16                      |                             | <0.2                      |                               |
| 128424             | <5                      |                             | 24                      |                             | 20                      |                             | <0.2                      |                               |
| 128425             | 12                      |                             | 80                      |                             | 76                      |                             | 0.6                       |                               |
| 128426             | <5                      |                             | 18                      |                             | 12                      |                             | <0.2                      |                               |
| 128427             | <5                      |                             | 18                      |                             | 7                       |                             | 0.5                       |                               |
| 128428             | <5                      |                             | 17                      |                             | 8                       |                             | <0.2                      |                               |
| 128429             | <5                      |                             | 19                      |                             | 10                      |                             | <0.2                      |                               |
| 128430             | <5                      |                             | 9                       |                             | <5                      |                             | <0.2                      |                               |
| 128431             | <5                      |                             | 12                      |                             | 7                       |                             | <0.2                      |                               |
| 128432             | <5                      |                             | 16                      |                             | 13                      |                             | <0.2                      |                               |
| 128433             | <5                      |                             | 24                      |                             | 14                      |                             | <0.2                      |                               |
| 128434             | <5                      | <5                          | 23                      | 28                          | 13                      | 14                          | <0.2                      | <0.2                          |
| 128435             | <5                      |                             | 27                      |                             | 17                      |                             | <0.2                      |                               |
| 128436             | <5                      |                             | 26                      |                             | 24                      |                             | <0.2                      |                               |
| 128437             | <5                      |                             | 17                      |                             | 8                       |                             | <0.2                      |                               |
| 128438             | <5                      |                             | 20                      |                             | 6                       |                             | 0.4                       |                               |
| 128439             | <5                      |                             | 15                      |                             | 6                       |                             | <0.2                      |                               |
| 128440             | <5                      |                             | 7                       |                             | <5                      |                             | <0.2                      |                               |
| 128441             | <5                      |                             | 15                      |                             | 6                       |                             | <0.2                      |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22275</b>                |
|                                          | Your order number : <b>GCL-08-50</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>96</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 128442             | <5                      |                             | 28                      |                             | 17                      |                             | <0.2                      |                               |
| 128443             | <5                      |                             | 18                      |                             | 10                      |                             | <0.2                      |                               |
| 128444             | <5                      |                             | 16                      |                             | 9                       |                             | <0.2                      |                               |
| 128445             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128446             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 128447             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128448             | <5                      |                             | 5                       |                             | 5                       |                             | <0.2                      |                               |
| 128449             | <5                      |                             | 7                       |                             | <5                      |                             | <0.2                      |                               |
| 128450             | <5                      |                             | 27                      |                             | 17                      |                             | <0.2                      |                               |
| 128451             | <5                      |                             | 10                      |                             | 6                       |                             | <0.2                      |                               |
| 128452             | 59                      |                             | 6                       |                             | 6                       |                             | <0.2                      |                               |
| 128453             | 20                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128454             | <5                      |                             | 9                       |                             | 6                       |                             | <0.2                      |                               |
| 128455             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128456             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128457             | <5                      |                             | 8                       |                             | 6                       |                             | 0.5                       |                               |

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|                                          |                                      |
|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22275</b>                |
|                                          | Your order number : <b>GCL-08-50</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>96</b>  |

| Designation | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|-------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 128362      | 189                     | 193                         | 57                      | 60                          | 57                      | 57                          | 24                      | 18                          |
| 128363      | 316                     |                             | 82                      |                             | 114                     |                             | 28                      |                             |
| 128364      | 196                     |                             | 67                      |                             | 48                      |                             | 17                      |                             |
| 128365      | 137                     |                             | 1631                    |                             | 18                      |                             | 15                      |                             |
| 128366      | 128                     |                             | 1596                    |                             | 14                      |                             | 14                      |                             |
| 128367      | 142                     |                             | 1634                    |                             | 14                      |                             | 12                      |                             |
| 128368      | 170                     |                             | 762                     |                             | 19                      |                             | 11                      |                             |
| 128369      | 146                     |                             | 972                     |                             | 26                      |                             | 11                      |                             |
| 128370      | 200                     |                             | 1114                    |                             | 42                      |                             | 11                      |                             |
| 128371      | 196                     |                             | 683                     |                             | 87                      |                             | 13                      |                             |
| 128372      | 101                     |                             | 338                     |                             | 52                      |                             | 15                      |                             |
| 128373      | 117                     |                             | 1255                    |                             | 27                      |                             | 12                      |                             |
| 128374      | 129                     | 134                         | 1428                    | 1421                        | 28                      | 36                          | 13                      | 15                          |
| 128375      | 1790                    |                             | ----- >DL               |                             | 88                      |                             | 49                      |                             |
| 128376      | 132                     |                             | 1767                    |                             | 26                      |                             | 11                      |                             |
| 128377      | 134                     |                             | 1746                    |                             | 28                      |                             | 14                      |                             |
| 128378      | 138                     |                             | 1513                    |                             | 31                      |                             | 13                      |                             |
| 128379      | 153                     |                             | 1548                    |                             | 33                      |                             | 14                      |                             |
| 128380      | 178                     |                             | 1179                    |                             | 45                      |                             | 17                      |                             |
| 128381      | 243                     |                             | 1455                    |                             | 60                      |                             | 14                      |                             |

>DL Value greater than detection limit

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22275</b>                |
|                                          | Your order number : <b>GCL-08-50</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>96</b>  |

| Designation | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|-------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 128382      | 216                     |                             | 957                     |                             | 59                      |                             | 11                      |                             |
| 128383      | 283                     |                             | 1234                    |                             | 64                      |                             | 9                       |                             |
| 128384      | 1312                    |                             | 2455                    |                             | 83                      |                             | 21                      |                             |
| 128385      | 3321                    |                             | ----- >DL               |                             | 58                      |                             | 20                      |                             |
| 128386      | 1946                    | 1992                        | ----- >DL               | ----- >DL                   | 81                      | 89                          | 22                      | 23                          |
| 128387      | 297                     |                             | 1889                    |                             | 25                      |                             | 11                      |                             |
| 128388      | 315                     |                             | 1350                    |                             | 32                      |                             | 15                      |                             |
| 128389      | 179                     |                             | 1358                    |                             | 29                      |                             | 14                      |                             |
| 128390      | 136                     |                             | 1456                    |                             | 27                      |                             | 12                      |                             |
| 128391      | 221                     |                             | 1524                    |                             | 19                      |                             | 11                      |                             |
| 128392      | 234                     |                             | 4100                    |                             | 20                      |                             | 15                      |                             |
| 128393      | 154                     |                             | 4172                    |                             | 17                      |                             | 12                      |                             |
| 128394      | 144                     |                             | 3272                    |                             | 20                      |                             | 12                      |                             |
| 128395      | 174                     |                             | 3876                    |                             | 17                      |                             | 12                      |                             |
| 128396      | 238                     |                             | 4273                    |                             | 16                      |                             | 13                      |                             |
| 128397      | 188                     |                             | 6166                    |                             | 12                      |                             | 12                      |                             |
| 128398      | 180                     | 183                         | 2887                    | 2926                        | 22                      | 26                          | 14                      | 16                          |
| 128399      | 168                     |                             | 2539                    |                             | 21                      |                             | 14                      |                             |
| 128400      | 139                     |                             | 223                     |                             | 17                      |                             | 9                       |                             |
| 128401      | 158                     |                             | 2385                    |                             | 20                      |                             | 13                      |                             |

>DL Value greater than detection limit

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Date : 2008/05/28

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22275</b>                |
|                                          | Your order number : <b>GCL-08-50</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>96</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 128402             | 123                     |                             | 1878                    |                             | 21                      |                             | 12                      |                             |
| 128403             | 121                     |                             | 1829                    |                             | 21                      |                             | 12                      |                             |
| 128404             | 167                     |                             | 1351                    |                             | 21                      |                             | 12                      |                             |
| 128405             | 122                     |                             | 1297                    |                             | 20                      |                             | 12                      |                             |
| 128406             | 137                     |                             | 1185                    |                             | 23                      |                             | 14                      |                             |
| 128407             | 153                     |                             | 1109                    |                             | 27                      |                             | 15                      |                             |
| 128408             | 327                     |                             | 1286                    |                             | 24                      |                             | 13                      |                             |
| 128409             | 2373                    |                             | 190                     |                             | 12                      |                             | 9                       |                             |
| 128410             | 171                     | 170                         | 397                     | 417                         | 24                      | 28                          | 13                      | 15                          |
| 128411             | 294                     |                             | 121                     |                             | 34                      |                             | 15                      |                             |
| 128412             | 189                     |                             | 108                     |                             | 22                      |                             | 12                      |                             |
| 128413             | 124                     |                             | 630                     |                             | 15                      |                             | 9                       |                             |
| 128414             | 138                     |                             | 1170                    |                             | 23                      |                             | 12                      |                             |
| 128415             | 123                     |                             | 1316                    |                             | 24                      |                             | 11                      |                             |
| 128416             | 124                     |                             | 1336                    |                             | 24                      |                             | 13                      |                             |
| 128417             | 131                     |                             | 1339                    |                             | 26                      |                             | 13                      |                             |
| 128418             | 171                     |                             | 1297                    |                             | 29                      |                             | 14                      |                             |
| 128419             | 199                     |                             | 1321                    |                             | 39                      |                             | 20                      |                             |
| 128420             | 232                     |                             | 1255                    |                             | 35                      |                             | 16                      |                             |
| 128421             | 164                     |                             | 1285                    |                             | 27                      |                             | 14                      |                             |



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|                                          |                                      |
|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22275</b>                |
|                                          | Your order number : <b>GCL-08-50</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>96</b>  |

| Designation | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|-------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 128422      | 188                     | 199                         | 1232                    | 1218                        | 27                      | 34                          | 15                      | 16                          |
| 128423      | 220                     |                             | 1280                    |                             | 31                      |                             | 19                      |                             |
| 128424      | 231                     |                             | 1401                    |                             | 37                      |                             | 20                      |                             |
| 128425      | 2651                    |                             | ----- >DL               |                             | 82                      |                             | 29                      |                             |
| 128426      | 168                     |                             | 1473                    |                             | 32                      |                             | 16                      |                             |
| 128427      | 152                     |                             | 1502                    |                             | 34                      |                             | 16                      |                             |
| 128428      | 153                     |                             | 1461                    |                             | 32                      |                             | 15                      |                             |
| 128429      | 144                     |                             | 1465                    |                             | 35                      |                             | 16                      |                             |
| 128430      | 136                     |                             | 1346                    |                             | 33                      |                             | 15                      |                             |
| 128431      | 202                     |                             | 1100                    |                             | 26                      |                             | 22                      |                             |
| 128432      | 146                     |                             | 1322                    |                             | 31                      |                             | 24                      |                             |
| 128433      | 146                     |                             | 1359                    |                             | 31                      |                             | 22                      |                             |
| 128434      | 148                     | 147                         | 1325                    | 1334                        | 37                      | 38                          | 16                      | 16                          |
| 128435      | 149                     |                             | 1322                    |                             | 37                      |                             | 19                      |                             |
| 128436      | 218                     |                             | 1275                    |                             | 38                      |                             | 15                      |                             |
| 128437      | 238                     |                             | 909                     |                             | 33                      |                             | 14                      |                             |
| 128438      | 194                     |                             | 785                     |                             | 44                      |                             | 12                      |                             |
| 128439      | 142                     |                             | 797                     |                             | 56                      |                             | 12                      |                             |
| 128440      | 188                     |                             | 1035                    |                             | 59                      |                             | 11                      |                             |
| 128441      | 193                     |                             | 837                     |                             | 62                      |                             | 13                      |                             |

>DL Value greater than detection limit

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22275</b>                |
|                                          | Your order number : <b>GCL-08-50</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>96</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 128442             | 927                     |                             | 3387                    |                             | 45                      |                             | 12                      |                             |
| 128443             | 149                     |                             | 1234                    |                             | 42                      |                             | 11                      |                             |
| 128444             | 110                     |                             | 1276                    |                             | 32                      |                             | 11                      |                             |
| 128445             | 200                     |                             | 211                     |                             | 61                      |                             | 14                      |                             |
| 128446             | 188                     | 205                         | 75                      | 83                          | 46                      | 45                          | 14                      | 13                          |
| 128447             | 228                     |                             | 799                     |                             | 184                     |                             | 14                      |                             |
| 128448             | 212                     |                             | 1175                    |                             | 78                      |                             | 13                      |                             |
| 128449             | 183                     |                             | 1245                    |                             | 55                      |                             | 12                      |                             |
| 128450             | 125                     |                             | 121                     |                             | 15                      |                             | 9                       |                             |
| 128451             | 215                     |                             | 1106                    |                             | 57                      |                             | 13                      |                             |
| 128452             | 281                     |                             | 1023                    |                             | 91                      |                             | 27                      |                             |
| 128453             | 490                     |                             | 894                     |                             | 68                      |                             | 26                      |                             |
| 128454             | 221                     |                             | 1059                    |                             | 42                      |                             | 13                      |                             |
| 128455             | 180                     |                             | 1184                    |                             | 48                      |                             | 15                      |                             |
| 128456             | 200                     |                             | 1128                    |                             | 42                      |                             | 15                      |                             |
| 128457             | 231                     |                             | 774                     |                             | 224                     |                             | 69                      |                             |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22275</b>                |
|                                          | Your order number : <b>GCL-08-50</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>96</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 128362             | 45                      | 47                          |                           |                               |
| 128363             | 50                      |                             |                           |                               |
| 128364             | 47                      |                             |                           |                               |
| 128365             | 51                      |                             |                           |                               |
| 128366             | 50                      |                             |                           |                               |
| 128367             | 57                      |                             |                           |                               |
| 128368             | 46                      |                             |                           |                               |
| 128369             | 45                      |                             |                           |                               |
| 128370             | 47                      |                             |                           |                               |
| 128371             | 42                      |                             |                           |                               |
| 128372             | 36                      |                             |                           |                               |
| 128373             | 47                      |                             |                           |                               |
| 128374             | 51                      | 53                          |                           |                               |
| 128375             | 386                     |                             | 2.060                     |                               |
| 128376             | 50                      |                             |                           |                               |
| 128377             | 53                      |                             |                           |                               |
| 128378             | 54                      |                             |                           |                               |
| 128379             | 56                      |                             |                           |                               |
| 128380             | 64                      |                             |                           |                               |
| 128381             | 61                      |                             |                           |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22275</b>                |
|                                          | Your order number : <b>GCL-08-50</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>96</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 128382             | 45                      |                             |                           |                               |
| 128383             | 48                      |                             |                           |                               |
| 128384             | 66                      |                             |                           |                               |
| 128385             | 121                     |                             | 12.880                    |                               |
| 128386             | 144                     | 149                         | 5.710                     | 5.630                         |
| 128387             | 48                      |                             |                           |                               |
| 128388             | 54                      |                             |                           |                               |
| 128389             | 54                      |                             |                           |                               |
| 128390             | 51                      |                             |                           |                               |
| 128391             | 51                      |                             |                           |                               |
| 128392             | 68                      |                             |                           |                               |
| 128393             | 63                      |                             |                           |                               |
| 128394             | 56                      |                             |                           |                               |
| 128395             | 62                      |                             |                           |                               |
| 128396             | 57                      |                             |                           |                               |
| 128397             | 54                      |                             | 0.620                     |                               |
| 128398             | 53                      | 57                          |                           |                               |
| 128399             | 56                      |                             |                           |                               |
| 128400             | 25                      |                             |                           |                               |
| 128401             | 59                      |                             |                           |                               |

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| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22275</b>                |
|                                          | Your order number : <b>GCL-08-50</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>96</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 128402             | 52                      |                             |                           |                               |
| 128403             | 59                      |                             |                           |                               |
| 128404             | 51                      |                             |                           |                               |
| 128405             | 51                      |                             |                           |                               |
| 128406             | 54                      |                             |                           |                               |
| 128407             | 56                      |                             |                           |                               |
| 128408             | 55                      |                             |                           |                               |
| 128409             | 42                      |                             |                           |                               |
| 128410             | 45                      | 49                          |                           |                               |
| 128411             | 46                      |                             |                           |                               |
| 128412             | 45                      |                             |                           |                               |
| 128413             | 38                      |                             |                           |                               |
| 128414             | 51                      |                             |                           |                               |
| 128415             | 51                      |                             |                           |                               |
| 128416             | 51                      |                             |                           |                               |
| 128417             | 54                      |                             |                           |                               |
| 128418             | 56                      |                             |                           |                               |
| 128419             | 57                      |                             |                           |                               |
| 128420             | 55                      |                             |                           |                               |
| 128421             | 55                      |                             |                           |                               |

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| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22275</b>                |
|                                          | Your order number : <b>GCL-08-50</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>96</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 128422             | 54                      | 57                          |                           |                               |
| 128423             | 57                      |                             |                           |                               |
| 128424             | 66                      |                             |                           |                               |
| 128425             | 186                     |                             | 1.380                     |                               |
| 128426             | 56                      |                             |                           |                               |
| 128427             | 58                      |                             |                           |                               |
| 128428             | 58                      |                             |                           |                               |
| 128429             | 54                      |                             |                           |                               |
| 128430             | 52                      |                             |                           |                               |
| 128431             | 50                      |                             |                           |                               |
| 128432             | 51                      |                             |                           |                               |
| 128433             | 52                      |                             |                           |                               |
| 128434             | 53                      | 57                          |                           |                               |
| 128435             | 52                      |                             |                           |                               |
| 128436             | 52                      |                             |                           |                               |
| 128437             | 48                      |                             |                           |                               |
| 128438             | 46                      |                             |                           |                               |
| 128439             | 42                      |                             |                           |                               |
| 128440             | 48                      |                             |                           |                               |
| 128441             | 46                      |                             |                           |                               |

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| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22275</b>                |
|                                          | Your order number : <b>GCL-08-50</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>96</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 128442             | 75                      |                             |                           |                               |
| 128443             | 47                      |                             |                           |                               |
| 128444             | 41                      |                             |                           |                               |
| 128445             | 37                      |                             |                           |                               |
| 128446             | 34                      | 33                          |                           |                               |
| 128447             | 48                      |                             |                           |                               |
| 128448             | 49                      |                             |                           |                               |
| 128449             | 49                      |                             |                           |                               |
| 128450             | 22                      |                             |                           |                               |
| 128451             | 49                      |                             |                           |                               |
| 128452             | 64                      |                             |                           |                               |
| 128453             | 65                      |                             |                           |                               |
| 128454             | 48                      |                             |                           |                               |
| 128455             | 55                      |                             |                           |                               |
| 128456             | 52                      |                             |                           |                               |
| 128457             | 51                      |                             |                           |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22274</b>                |
|                                          | Your order number : <b>GCL-08-56</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>78</b>  |

| Designation | Au<br>FA-GRAV<br>g/t<br>0.03 | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 |
|-------------|------------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|
| 108555      |                              | 29                      | 24                          | <5                      | <5                          | <5                      | 5                           | <0.2                      |
| 108556      |                              | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 108557      |                              | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 108558      |                              | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 108559      |                              | <5                      |                             | 6                       |                             | 8                       |                             | <0.2                      |
| 108560      |                              | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 108561      |                              | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 108562      |                              | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 108563      |                              | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 108564      |                              | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 108565      |                              | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 108566      |                              | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 108567      |                              | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      |
| 108568      |                              | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 108569      |                              | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 108570      |                              | 57                      |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 108571      |                              | 6                       |                             | 9                       |                             | <5                      |                             | <0.2                      |
| 108572      |                              | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 108573      |                              | 11                      |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 108574      |                              | 52                      |                             | <5                      |                             | <5                      |                             | <0.2                      |

  
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| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22274</b>                |
|                                          | Your order number : <b>GCL-08-56</b> |
|                                          | Project : <b>LANGMUIR</b>            |
| Total number of samples : <b>78</b>      |                                      |

| <u>Designation</u> | Au<br>FA-GRAV<br>g/t<br>0.03 | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 |
|--------------------|------------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|
| 108575             |                              | 20                      |                             | 188                     |                             | 92                      |                             | 0.7                       |
| 108576             | 1.30                         | 1214                    |                             | 7                       |                             | <5                      |                             | 0.7                       |
| 108577             |                              | <5                      |                             | 36                      |                             | 81                      |                             | <0.2                      |
| 108578             |                              | 11                      |                             | 101                     |                             | 368                     |                             | <0.2                      |
| 108579             |                              | 13                      | 10                          | 65                      | 67                          | 160                     | 149                         | <0.2                      |
| 108580             |                              | 11                      |                             | 238                     |                             | 775                     |                             | <0.2                      |
| 108581             |                              | <5                      |                             | 165                     |                             | 422                     |                             | <0.2                      |
| 108582             |                              | <5                      |                             | 254                     |                             | 690                     |                             | <0.2                      |
| 108583             |                              | <5                      |                             | 197                     |                             | 490                     |                             | 0.4                       |
| 108584             |                              | <5                      |                             | 110                     |                             | 277                     |                             | <0.2                      |
| 108585             |                              | 10                      |                             | 149                     |                             | 382                     |                             | <0.2                      |
| 108586             |                              | <5                      |                             | <5                      |                             | 13                      |                             | <0.2                      |
| 108587             |                              | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 108588             |                              | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 108589             |                              | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 108590             |                              | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 108591             |                              | <5                      | <5                          | <5                      | <5                          | 25                      | 22                          | <0.2                      |
| 108592             |                              | <5                      |                             | <5                      |                             | 9                       |                             | <0.2                      |
| 108593             |                              | <5                      |                             | <5                      |                             | 10                      |                             | <0.2                      |
| 108594             |                              | 8                       |                             | 5                       |                             | 19                      |                             | <0.2                      |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22274</b>                |
|                                          | Your order number : <b>GCL-08-56</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>78</b>  |

| Designation | Au<br>FA-GRAV<br>g/t<br>0.03 | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 |
|-------------|------------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|
| 108595      |                              | <5                      |                             | <5                      |                             | 23                      |                             | <0.2                      |
| 108596      |                              | <5                      |                             | 10                      |                             | 19                      |                             | <0.2                      |
| 108597      |                              | <5                      |                             | 14                      |                             | 23                      |                             | <0.2                      |
| 108598      |                              | <5                      |                             | 27                      |                             | 31                      |                             | <0.2                      |
| 108599      |                              | <5                      |                             | 54                      |                             | 81                      |                             | <0.2                      |
| 108600      |                              | <5                      |                             | 32                      |                             | 35                      |                             | <0.2                      |
| 108601      |                              | <5                      |                             | 14                      |                             | 18                      |                             | <0.2                      |
| 108602      |                              | <5                      |                             | 8                       |                             | 8                       |                             | <0.2                      |
| 108603      |                              | 59                      | 63                          | 15                      | 16                          | 13                      | 15                          | <0.2                      |
| 108604      |                              | 27                      |                             | 23                      |                             | 8                       |                             | <0.2                      |
| 108605      |                              | <5                      |                             | 9                       |                             | 10                      |                             | <0.2                      |
| 108606      |                              | <5                      |                             | 8                       |                             | 9                       |                             | <0.2                      |
| 108607      |                              | <5                      |                             | 14                      |                             | 7                       |                             | <0.2                      |
| 108608      |                              | <5                      |                             | 8                       |                             | 11                      |                             | <0.2                      |
| 108609      |                              | <5                      |                             | 10                      |                             | 7                       |                             | <0.2                      |
| 108610      |                              | <5                      |                             | 11                      |                             | 7                       |                             | <0.2                      |
| 108611      |                              | <5                      |                             | 10                      |                             | 5                       |                             | <0.2                      |
| 108612      |                              | <5                      |                             | 12                      |                             | 7                       |                             | <0.2                      |
| 108613      |                              | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |
| 108614      |                              | <5                      |                             | 12                      |                             | 6                       |                             | <0.2                      |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22274</b>                |
|                                          | Your order number : <b>GCL-08-56</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>78</b>  |

| Designation | Au<br>FA-GRAV<br>g/t<br>0.03 | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 |
|-------------|------------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|
| 108615      |                              | <5                      | <5                          | 14                      | 10                          | 6                       | 5                           | <0.2                      |
| 108616      |                              | <5                      |                             | 18                      |                             | 6                       |                             | <0.2                      |
| 108617      |                              | <5                      |                             | 17                      |                             | 7                       |                             | <0.2                      |
| 108618      |                              | <5                      |                             | 6                       |                             | 5                       |                             | <0.2                      |
| 108619      |                              | <5                      |                             | 13                      |                             | 6                       |                             | <0.2                      |
| 108620      |                              | <5                      |                             | 12                      |                             | 7                       |                             | <0.2                      |
| 108621      |                              | <5                      |                             | 10                      |                             | 8                       |                             | <0.2                      |
| 108622      |                              | <5                      |                             | 12                      |                             | 8                       |                             | <0.2                      |
| 108623      |                              | <5                      |                             | 13                      |                             | 9                       |                             | <0.2                      |
| 108624      |                              | <5                      |                             | 13                      |                             | 9                       |                             | <0.2                      |
| 108625      |                              | 10                      |                             | 86                      |                             | 90                      |                             | 0.6                       |
| 108626      |                              | <5                      |                             | 10                      |                             | 10                      |                             | <0.2                      |
| 108627      |                              | <5                      | <5                          | 8                       | 8                           | 7                       | 7                           | <0.2                      |
| 108628      |                              | <5                      |                             | 8                       |                             | 8                       |                             | <0.2                      |
| 108629      |                              | <5                      |                             | 15                      |                             | 12                      |                             | <0.2                      |
| 108630      |                              | <5                      |                             | 15                      |                             | 14                      |                             | <0.2                      |
| 108631      |                              | <5                      |                             | 15                      |                             | 12                      |                             | <0.2                      |
| 108632      |                              | <5                      |                             | 20                      |                             | 20                      |                             | 0.2                       |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22274</b>                |
|                                          | Your order number : <b>GCL-08-56</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>78</b>  |

| <u>Designation</u> | Ag-Dup<br>AAT-7<br>ppm<br>0.2 | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|
| 108555             | <0.2                          | 184                     | 206                         | 1146                    | 1102                        | 29                      | 28                          | 24                      |
| 108556             |                               | 172                     |                             | 917                     |                             | 24                      |                             | 20                      |
| 108557             |                               | 163                     |                             | 983                     |                             | 24                      |                             | 17                      |
| 108558             |                               | 188                     |                             | 940                     |                             | 49                      |                             | 15                      |
| 108559             |                               | 328                     |                             | 684                     |                             | 55                      |                             | 16                      |
| 108560             |                               | 203                     |                             | 1073                    |                             | 71                      |                             | 19                      |
| 108561             |                               | 207                     |                             | 1035                    |                             | 81                      |                             | 17                      |
| 108562             |                               | 254                     |                             | 2208                    |                             | 163                     |                             | 17                      |
| 108563             |                               | 125                     |                             | 1522                    |                             | 30                      |                             | 15                      |
| 108564             |                               | 134                     |                             | 1640                    |                             | 29                      |                             | 17                      |
| 108565             |                               | 132                     |                             | 1681                    |                             | 27                      |                             | 15                      |
| 108566             |                               | 144                     |                             | 1632                    |                             | 26                      |                             | 15                      |
| 108567             | <0.2                          | 154                     | 162                         | 1636                    | 1599                        | 26                      | 30                          | 16                      |
| 108568             |                               | 132                     |                             | 1699                    |                             | 28                      |                             | 16                      |
| 108569             |                               | 134                     |                             | 1803                    |                             | 37                      |                             | 17                      |
| 108570             |                               | 160                     |                             | 1756                    |                             | 24                      |                             | 16                      |
| 108571             |                               | 159                     |                             | 1850                    |                             | 24                      |                             | 16                      |
| 108572             |                               | 134                     |                             | 1842                    |                             | 23                      |                             | 18                      |
| 108573             |                               | 157                     |                             | 1798                    |                             | 22                      |                             | 18                      |
| 108574             |                               | 156                     |                             | 1832                    |                             | 23                      |                             | 17                      |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22274</b>                |
|                                          | Your order number : <b>GCL-08-56</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>78</b>  |

| <u>Designation</u> | Ag-Dup<br>AAT-7<br>ppm<br>0.2 | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|
| 108575             |                               | 2946                    |                             | 6056                    |                             | 57                      |                             | 28                      |
| 108576             |                               | 185                     |                             | 1705                    |                             | 47                      |                             | 24                      |
| 108577             |                               | 179                     |                             | 2447                    |                             | 28                      |                             | 16                      |
| 108578             |                               | 320                     |                             | ----- >DL               |                             | 25                      |                             | 17                      |
| 108579             | <0.2                          | 268                     | 271                         | 3685                    | 3620                        | 28                      | 30                          | 20                      |
| 108580             |                               | 421                     |                             | ----- >DL               |                             | 27                      |                             | 18                      |
| 108581             |                               | 622                     |                             | ----- >DL               |                             | 32                      |                             | 19                      |
| 108582             |                               | 1069                    |                             | ----- >DL               |                             | 40                      |                             | 20                      |
| 108583             |                               | 2743                    |                             | ----- >DL               |                             | 41                      |                             | 20                      |
| 108584             |                               | 1661                    |                             | ----- >DL               |                             | 31                      |                             | 12                      |
| 108585             |                               | 346                     |                             | ----- >DL               |                             | 37                      |                             | 12                      |
| 108586             |                               | 660                     |                             | 617                     |                             | 137                     |                             | 21                      |
| 108587             |                               | 188                     |                             | 211                     |                             | 151                     |                             | 23                      |
| 108588             |                               | 195                     |                             | 183                     |                             | 93                      |                             | 16                      |
| 108589             |                               | 125                     |                             | 375                     |                             | 74                      |                             | 17                      |
| 108590             |                               | 113                     |                             | 690                     |                             | 26                      |                             | 13                      |
| 108591             | <0.2                          | 187                     | 197                         | 1468                    | 1464                        | 33                      | 36                          | 19                      |
| 108592             |                               | 169                     |                             | 781                     |                             | 30                      |                             | 15                      |
| 108593             |                               | 156                     |                             | 1454                    |                             | 47                      |                             | 19                      |
| 108594             |                               | 148                     |                             | 1428                    |                             | 43                      |                             | 18                      |

>DL Value greater than detection limit

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22274</b>                |
|                                          | Your order number : <b>GCL-08-56</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>78</b>  |

| <u>Designation</u> | Ag-Dup<br>AAT-7<br>ppm<br>0.2 | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|
| 108595             |                               | 155                     |                             | 1057                    |                             | 36                      |                             | 16                      |
| 108596             |                               | 216                     |                             | 1426                    |                             | 36                      |                             | 17                      |
| 108597             |                               | 171                     |                             | 1551                    |                             | 47                      |                             | 20                      |
| 108598             |                               | 145                     |                             | 1332                    |                             | 43                      |                             | 17                      |
| 108599             |                               | 157                     |                             | 2594                    |                             | 51                      |                             | 19                      |
| 108600             |                               | 134                     |                             | 176                     |                             | 25                      |                             | 10                      |
| 108601             |                               | 151                     |                             | 1199                    |                             | 46                      |                             | 17                      |
| 108602             |                               | 145                     |                             | 646                     |                             | 31                      |                             | 16                      |
| 108603             | <0.2                          | 220                     | 222                         | 1110                    | 1096                        | 59                      | 53                          | 23                      |
| 108604             |                               | 305                     |                             | 1584                    |                             | 47                      |                             | 17                      |
| 108605             |                               | 229                     |                             | 520                     |                             | 42                      |                             | 18                      |
| 108606             |                               | 249                     |                             | 939                     |                             | 40                      |                             | 16                      |
| 108607             |                               | 175                     |                             | 1095                    |                             | 41                      |                             | 18                      |
| 108608             |                               | 194                     |                             | 1170                    |                             | 43                      |                             | 18                      |
| 108609             |                               | 196                     |                             | 1227                    |                             | 51                      |                             | 20                      |
| 108610             |                               | 176                     |                             | 1264                    |                             | 48                      |                             | 20                      |
| 108611             |                               | 170                     |                             | 1328                    |                             | 54                      |                             | 20                      |
| 108612             |                               | 218                     |                             | 995                     |                             | 48                      |                             | 22                      |
| 108613             |                               | 182                     |                             | 916                     |                             | 41                      |                             | 19                      |
| 108614             |                               | 159                     |                             | 1432                    |                             | 53                      |                             | 19                      |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22274</b>                |
|                                          | Your order number : <b>GCL-08-56</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>78</b>  |

| <u>Designation</u> | Ag-Dup<br>AAT-7<br>ppm<br>0.2 | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|
| 108615             | <0.2                          | 163                     | 157                         | 1404                    | 1383                        | 49                      | 48                          | 20                      |
| 108616             |                               | 202                     |                             | 1188                    |                             | 43                      |                             | 20                      |
| 108617             |                               | 199                     |                             | 1298                    |                             | 50                      |                             | 21                      |
| 108618             |                               | 223                     |                             | 1379                    |                             | 61                      |                             | 23                      |
| 108619             |                               | 180                     |                             | 1479                    |                             | 62                      |                             | 21                      |
| 108620             |                               | 177                     |                             | 1398                    |                             | 58                      |                             | 20                      |
| 108621             |                               | 223                     |                             | 1199                    |                             | 59                      |                             | 21                      |
| 108622             |                               | 219                     |                             | 1234                    |                             | 65                      |                             | 21                      |
| 108623             |                               | 217                     |                             | 1310                    |                             | 53                      |                             | 22                      |
| 108624             |                               | 198                     |                             | 1225                    |                             | 56                      |                             | 21                      |
| 108625             |                               | 2633                    |                             | ----- >DL               |                             | 90                      |                             | 28                      |
| 108626             |                               | 223                     |                             | 1168                    |                             | 46                      |                             | 18                      |
| 108627             | <0.2                          | 167                     | 156                         | 1069                    | 1065                        | 41                      | 38                          | 15                      |
| 108628             |                               | 187                     |                             | 1146                    |                             | 45                      |                             | 16                      |
| 108629             |                               | 222                     |                             | 1086                    |                             | 46                      |                             | 16                      |
| 108630             |                               | 159                     |                             | 787                     |                             | 46                      |                             | 16                      |
| 108631             |                               | 133                     |                             | 767                     |                             | 61                      |                             | 15                      |
| 108632             |                               | 405                     |                             | 1289                    |                             | 93                      |                             | 20                      |

>DL Value greater than detection limit

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22274</b>                |
|                                          | Your order number : <b>GCL-08-56</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>78</b>  |

| <u>Designation</u> | Pb-Dup<br>AAT-7<br>ppm<br>2 | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 |
|--------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|
| 108555             | 22                          | 68                      | 70                          |                           |
| 108556             |                             | 60                      |                             |                           |
| 108557             |                             | 58                      |                             |                           |
| 108558             |                             | 51                      |                             |                           |
| 108559             |                             | 46                      |                             |                           |
| 108560             |                             | 57                      |                             |                           |
| 108561             |                             | 53                      |                             |                           |
| 108562             |                             | 73                      |                             |                           |
| 108563             |                             | 52                      |                             |                           |
| 108564             |                             | 55                      |                             |                           |
| 108565             |                             | 55                      |                             |                           |
| 108566             |                             | 54                      |                             |                           |
| 108567             | 17                          | 53                      | 55                          |                           |
| 108568             |                             | 53                      |                             |                           |
| 108569             |                             | 55                      |                             |                           |
| 108570             |                             | 55                      |                             |                           |
| 108571             |                             | 56                      |                             |                           |
| 108572             |                             | 54                      |                             |                           |
| 108573             |                             | 51                      |                             |                           |
| 108574             |                             | 52                      |                             |                           |



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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22274</b>                |
|                                          | Your order number : <b>GCL-08-56</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>78</b>  |

| <u>Designation</u> | Pb-Dup<br>AAT-7<br>ppm<br>2 | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 |
|--------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|
| 108575             |                             | 291                     |                             | 0.610                     |
| 108576             |                             | 51                      |                             |                           |
| 108577             |                             | 45                      |                             |                           |
| 108578             |                             | 64                      |                             | 1.090                     |
| 108579             | 20                          | 54                      | 55                          |                           |
| 108580             |                             | 86                      |                             | 1.980                     |
| 108581             |                             | 73                      |                             | 1.610                     |
| 108582             |                             | 92                      |                             | 2.670                     |
| 108583             |                             | 91                      |                             | 2.270                     |
| 108584             |                             | 72                      |                             | 1.350                     |
| 108585             |                             | 82                      |                             | 1.670                     |
| 108586             |                             | 61                      |                             |                           |
| 108587             |                             | 60                      |                             |                           |
| 108588             |                             | 44                      |                             |                           |
| 108589             |                             | 46                      |                             |                           |
| 108590             |                             | 43                      |                             |                           |
| 108591             | 19                          | 58                      | 58                          |                           |
| 108592             |                             | 49                      |                             |                           |
| 108593             |                             | 63                      |                             |                           |
| 108594             |                             | 60                      |                             |                           |

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| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22274</b>                |
|                                          | Your order number : <b>GCL-08-56</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>78</b>  |

| <u>Designation</u> | Pb-Dup<br>AAT-7<br>ppm<br>2 | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 |
|--------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|
| 108595             |                             | 53                      |                             |                           |
| 108596             |                             | 57                      |                             |                           |
| 108597             |                             | 61                      |                             |                           |
| 108598             |                             | 57                      |                             |                           |
| 108599             |                             | 73                      |                             |                           |
| 108600             |                             | 29                      |                             |                           |
| 108601             |                             | 57                      |                             |                           |
| 108602             |                             | 49                      |                             |                           |
| 108603             | 19                          | 56                      | 57                          |                           |
| 108604             |                             | 56                      |                             |                           |
| 108605             |                             | 48                      |                             |                           |
| 108606             |                             | 49                      |                             |                           |
| 108607             |                             | 56                      |                             |                           |
| 108608             |                             | 55                      |                             |                           |
| 108609             |                             | 59                      |                             |                           |
| 108610             |                             | 58                      |                             |                           |
| 108611             |                             | 61                      |                             |                           |
| 108612             |                             | 65                      |                             |                           |
| 108613             |                             | 61                      |                             |                           |
| 108614             |                             | 61                      |                             |                           |

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Date : 2008/05/28

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|                                          |                                      |
|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22274</b>                |
|                                          | Your order number : <b>GCL-08-56</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>78</b>  |

| <u>Designation</u> | Pb-Dup<br>AAT-7<br>ppm<br>2 | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 |
|--------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|
| 108615             | 18                          | 61                      | 60                          |                           |
| 108616             |                             | 65                      |                             |                           |
| 108617             |                             | 70                      |                             |                           |
| 108618             |                             | 75                      |                             |                           |
| 108619             |                             | 63                      |                             |                           |
| 108620             |                             | 63                      |                             |                           |
| 108621             |                             | 68                      |                             |                           |
| 108622             |                             | 73                      |                             |                           |
| 108623             |                             | 73                      |                             |                           |
| 108624             |                             | 71                      |                             |                           |
| 108625             |                             | 185                     |                             | 1.380                     |
| 108626             |                             | 61                      |                             |                           |
| 108627             | 15                          | 53                      | 51                          |                           |
| 108628             |                             | 52                      |                             |                           |
| 108629             |                             | 52                      |                             |                           |
| 108630             |                             | 48                      |                             |                           |
| 108631             |                             | 51                      |                             |                           |
| 108632             |                             | 75                      |                             |                           |

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|                                          |                                      |
|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22273</b>                |
|                                          | Your order number : <b>GCL-08-55</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>26</b>  |

| Designation | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|-------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 106979      | 33                      | 30                          | 8                       | 7                           | 7                       | 6                           | <0.2                      | <0.2                          |
| 106980      | 43                      |                             | 10                      |                             | 9                       |                             | <0.2                      |                               |
| 106981      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106982      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106983      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106984      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106985      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106986      | <5                      |                             | <5                      |                             | 6                       |                             | <0.2                      |                               |
| 106987      | <5                      |                             | <5                      |                             | 8                       |                             | <0.2                      |                               |
| 106988      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106989      | <5                      |                             | <5                      |                             | 8                       |                             | <0.2                      |                               |
| 106990      | <5                      |                             | 39                      |                             | 84                      |                             | <0.2                      |                               |
| 106991      | <5                      | <5                          | 91                      | 100                         | 141                     | 147                         | <0.2                      | <0.2                          |
| 106992      | <5                      |                             | 20                      |                             | 45                      |                             | <0.2                      |                               |
| 106993      | 5                       |                             | 33                      |                             | 73                      |                             | <0.2                      |                               |
| 106994      | <5                      |                             | 81                      |                             | 186                     |                             | <0.2                      |                               |
| 106995      | <5                      |                             | 42                      |                             | 66                      |                             | <0.2                      |                               |
| 106996      | <5                      |                             | 52                      |                             | 156                     |                             | 0.4                       |                               |
| 106997      | 6                       |                             | 254                     |                             | 679                     |                             | 0.7                       |                               |
| 106998      | 10                      |                             | 136                     |                             | 271                     |                             | <0.2                      |                               |

  
 Luce Lafleur, Office Manager

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|                                          |                                      |
|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22273</b>                |
|                                          | Your order number : <b>GCL-08-55</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>26</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| <b>106999</b>      | <5                      |                             | 55                      |                             | 86                      |                             | <0.2                      |                               |
| <b>107000</b>      | <5                      |                             | 36                      |                             | 35                      |                             | <0.2                      |                               |
| <b>108551</b>      | <5                      |                             | 69                      |                             | 139                     |                             | <0.2                      |                               |
| <b>108552</b>      | <5                      |                             | 66                      |                             | 64                      |                             | <0.2                      |                               |
| <b>108553</b>      | <5                      | <5                          | 25                      | 19                          | 34                      | 29                          | <0.2                      | <0.2                          |
| <b>108554</b>      | 26                      |                             | <5                      |                             | 8                       |                             | <0.2                      |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22273</b>                |
|                                          | Your order number : <b>GCL-08-55</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>26</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 106979             | 198                     | 214                         | 1131                    | 1113                        | 59                      | 60                          | 15                      | 15                          |
| 106980             | 172                     |                             | 1081                    |                             | 49                      |                             | 16                      |                             |
| 106981             | 172                     |                             | 1270                    |                             | 55                      |                             | 18                      |                             |
| 106982             | 155                     |                             | 1070                    |                             | 35                      |                             | 15                      |                             |
| 106983             | 127                     |                             | 863                     |                             | 35                      |                             | 12                      |                             |
| 106984             | 160                     |                             | 1323                    |                             | 42                      |                             | 17                      |                             |
| 106985             | 229                     |                             | 1509                    |                             | 45                      |                             | 16                      |                             |
| 106986             | 154                     |                             | 1471                    |                             | 33                      |                             | 13                      |                             |
| 106987             | 129                     |                             | 1532                    |                             | 38                      |                             | 14                      |                             |
| 106988             | 130                     |                             | 1402                    |                             | 34                      |                             | 16                      |                             |
| 106989             | 149                     |                             | 1268                    |                             | 31                      |                             | 14                      |                             |
| 106990             | 604                     |                             | 1705                    |                             | 23                      |                             | 10                      |                             |
| 106991             | 294                     | 309                         | 3479                    | 3509                        | 40                      | 44                          | 14                      | 15                          |
| 106992             | 588                     |                             | 7037                    |                             | 34                      |                             | 16                      |                             |
| 106993             | 926                     |                             | 7070                    |                             | 34                      |                             | 16                      |                             |
| 106994             | 723                     |                             | ----- >DL               |                             | 33                      |                             | 17                      |                             |
| 106995             | 1127                    |                             | ----- >DL               |                             | 33                      |                             | 16                      |                             |
| 106996             | 877                     |                             | ----- >DL               |                             | 30                      |                             | 16                      |                             |
| 106997             | 803                     |                             | ----- >DL               |                             | 35                      |                             | 20                      |                             |
| 106998             | 1602                    |                             | ----- >DL               |                             | 46                      |                             | 14                      |                             |

>DL Value greater than detection limit

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22273</b>                |
|                                          | Your order number : <b>GCL-08-55</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>26</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| <b>106999</b>      | 784                     |                             | 3153                    |                             | 16                      |                             | 7                       |                             |
| <b>107000</b>      | 214                     |                             | 324                     |                             | 23                      |                             | 11                      |                             |
| <b>108551</b>      | 176                     |                             | 7459                    |                             | 46                      |                             | 18                      |                             |
| <b>108552</b>      | 162                     |                             | ----- >DL               |                             | 32                      |                             | 17                      |                             |
| <b>108553</b>      | 251                     | 255                         | 1961                    | 2005                        | 30                      | 32                          | 17                      | 18                          |
| <b>108554</b>      | 191                     |                             | 1231                    |                             | 34                      |                             | 16                      |                             |

>DL Value greater than detection limit

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22273</b>                |
|                                          | Your order number : <b>GCL-08-55</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>26</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|
| 106979             | 49                      | 52                          |                           |
| 106980             | 53                      |                             |                           |
| 106981             | 63                      |                             |                           |
| 106982             | 56                      |                             |                           |
| 106983             | 49                      |                             |                           |
| 106984             | 62                      |                             |                           |
| 106985             | 60                      |                             |                           |
| 106986             | 51                      |                             |                           |
| 106987             | 57                      |                             |                           |
| 106988             | 54                      |                             |                           |
| 106989             | 51                      |                             |                           |
| 106990             | 43                      |                             |                           |
| 106991             | 55                      | 56                          |                           |
| 106992             | 60                      |                             | 0.700                     |
| 106993             | 66                      |                             | 0.700                     |
| 106994             | 74                      |                             | 1.260                     |
| 106995             | 74                      |                             | 1.280                     |
| 106996             | 73                      |                             | 1.030                     |
| 106997             | 88                      |                             | 2.460                     |
| 106998             | 62                      |                             | 1.240                     |



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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22273</b>                |
|                                          | Your order number : <b>GCL-08-55</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>26</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|
| 106999             | 48                      |                             |                           |
| 107000             | 28                      |                             |                           |
| 108551             | 89                      |                             | 0.750                     |
| 108552             | 93                      |                             | 1.010                     |
| 108553             | 61                      | 62                          |                           |
| 108554             | 54                      |                             |                           |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22268</b>                |
|                                          | Your order number : <b>GCL-08-48</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>64</b>  |

| Designation | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|-------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 128250      | 7                       | 10                          | 20                      | 25                          | 17                      | 22                          | <0.2                      | <0.2                          |
| 128251      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128252      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128253      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128254      | <5                      |                             | 5                       |                             | <5                      |                             | <0.2                      |                               |
| 128255      | <5                      |                             | 6                       |                             | <5                      |                             | <0.2                      |                               |
| 128256      | <5                      |                             | 6                       |                             | <5                      |                             | <0.2                      |                               |
| 128257      | <5                      |                             | 9                       |                             | <5                      |                             | <0.2                      |                               |
| 128258      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128259      | <5                      |                             | 8                       |                             | <5                      |                             | <0.2                      |                               |
| 128260      | <5                      |                             | 12                      |                             | 8                       |                             | <0.2                      |                               |
| 128261      | 43                      | 44                          | 497                     | 526                         | 1685                    | 1668                        | 1.5                       |                               |
| 128262      | 10                      | 7                           | 198                     | 195                         | 708                     | 696                         | 0.5                       | 0.4                           |
| 128263      | 7                       |                             | 108                     |                             | 261                     |                             | 0.5                       |                               |
| 128264      | 15                      |                             | 113                     |                             | 246                     |                             | <0.2                      |                               |
| 128265      | 12                      |                             | 194                     |                             | 458                     |                             | 0.3                       |                               |
| 128266      | 12                      |                             | 170                     |                             | 386                     |                             | 0.2                       |                               |
| 128267      | 9                       |                             | 120                     |                             | 282                     |                             | 0.4                       |                               |
| 128268      | 5                       |                             | 110                     |                             | 241                     |                             | <0.2                      |                               |
| 128269      | <5                      |                             | 51                      |                             | 118                     |                             | <0.2                      |                               |

  
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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22268</b>                |
|                                          | Your order number : <b>GCL-08-48</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>64</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 128270             | 11                      |                             | 226                     |                             | 517                     |                             | 0.3                       |                               |
| 128271             | 35                      |                             | 48                      |                             | 95                      |                             | <0.2                      |                               |
| 128272             | 11                      |                             | 42                      |                             | 68                      |                             | <0.2                      |                               |
| 128273             | 12                      |                             | 6                       |                             | <5                      |                             | <0.2                      |                               |
| 128274             | 48                      | 44                          | 16                      | 12                          | 14                      | 16                          | <0.2                      | <0.2                          |
| 128275             | 15                      | 15                          | 64                      | 64                          | 74                      | 74                          | 0.6                       |                               |
| 128276             | 31                      |                             | 150                     |                             | 212                     |                             | <0.2                      |                               |
| 128277             | 11                      |                             | 77                      |                             | 112                     |                             | <0.2                      |                               |
| 128278             | <5                      |                             | 5                       |                             | <5                      |                             | <0.2                      |                               |
| 128279             | <5                      |                             | 5                       |                             | <5                      |                             | <0.2                      |                               |
| 128280             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128281             | <5                      |                             | 6                       |                             | <5                      |                             | <0.2                      |                               |
| 128282             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128283             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128284             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128285             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128286             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 128287             | <5                      |                             | 6                       |                             | <5                      |                             | <0.2                      |                               |
| 128288             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128289             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22268</b>                |
|                                          | Your order number : <b>GCL-08-48</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>64</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 128290             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128291             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128292             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128293             | <5                      |                             | 6                       |                             | 9                       |                             | <0.2                      |                               |
| 128294             | <5                      |                             | 7                       |                             | <5                      |                             | <0.2                      |                               |
| 128295             | <5                      |                             | 17                      |                             | 24                      |                             | <0.2                      |                               |
| 128296             | <5                      |                             | 15                      |                             | 21                      |                             | <0.2                      |                               |
| 128297             | <5                      |                             | 18                      |                             | 19                      |                             | <0.2                      |                               |
| 128298             | <5                      | <5                          | 13                      | 10                          | 10                      | 9                           | <0.2                      | <0.2                          |
| 128299             | <5                      |                             | 9                       |                             | <5                      |                             | <0.2                      |                               |
| 128300             | 7                       |                             | 25                      |                             | 20                      |                             | <0.2                      |                               |
| 128301             | <5                      |                             | 11                      |                             | 7                       |                             | <0.2                      |                               |
| 128302             | 101                     |                             | 116                     |                             | 354                     |                             | <0.2                      |                               |
| 128303             | 236                     |                             | 22                      |                             | 19                      |                             | <0.2                      |                               |
| 128304             | 9                       |                             | 43                      |                             | 31                      |                             | <0.2                      |                               |
| 128305             | 18                      |                             | 8                       |                             | <5                      |                             | <0.2                      |                               |
| 128306             | <5                      |                             | 17                      |                             | 9                       |                             | <0.2                      |                               |
| 128307             | <5                      |                             | 10                      |                             | 6                       |                             | <0.2                      |                               |
| 128308             | <5                      |                             | 11                      |                             | 8                       |                             | <0.2                      |                               |
| 128309             | <5                      |                             | 10                      |                             | 7                       |                             | <0.2                      |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22268</b>                |
|                                          | Your order number : <b>GCL-08-48</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>64</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 128310             | <5                      | <5                          | 9                       | 8                           | 7                       | 6                           | <0.2                      | <0.2                          |
| 128311             | <5                      |                             | 6                       |                             | <5                      |                             | <0.2                      |                               |
| 128312             | <5                      |                             | 10                      |                             | <5                      |                             | <0.2                      |                               |
| 128313             | 7                       |                             | 9                       |                             | <5                      |                             | <0.2                      |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22268</b>                |
|                                          | Your order number : <b>GCL-08-48</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>64</b>  |

| Designation | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|-------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 128250      | 190                     | 199                         | 109                     | 105                         | 19                      | 19                          | 10                      | 10                          |
| 128251      | 142                     |                             | 152                     |                             | 59                      |                             | 21                      |                             |
| 128252      | 135                     |                             | 364                     |                             | 105                     |                             | 16                      |                             |
| 128253      | 295                     |                             | 559                     |                             | 139                     |                             | 11                      |                             |
| 128254      | 410                     |                             | 847                     |                             | 100                     |                             | 10                      |                             |
| 128255      | 230                     |                             | 700                     |                             | 138                     |                             | 9                       |                             |
| 128256      | 299                     |                             | 545                     |                             | 138                     |                             | 12                      |                             |
| 128257      | 330                     |                             | 1109                    |                             | 132                     |                             | 17                      |                             |
| 128258      | 224                     |                             | 1113                    |                             | 45                      |                             | 13                      |                             |
| 128259      | 225                     |                             | 940                     |                             | 38                      |                             | 13                      |                             |
| 128260      | 544                     |                             | 352                     |                             | 23                      |                             | 10                      |                             |
| 128261      | 3702                    |                             | ----- >DL               |                             | 30                      |                             | 26                      |                             |
| 128262      | 1812                    | 1822                        | ----- >DL               | ----- >DL                   | 24                      | 24                          | 18                      | 16                          |
| 128263      | 2248                    |                             | ----- >DL               |                             | 23                      |                             | 17                      |                             |
| 128264      | 923                     |                             | ----- >DL               |                             | 20                      |                             | 15                      |                             |
| 128265      | 2641                    |                             | ----- >DL               |                             | 25                      |                             | 16                      |                             |
| 128266      | 1969                    |                             | ----- >DL               |                             | 22                      |                             | 16                      |                             |
| 128267      | 1722                    |                             | ----- >DL               |                             | 19                      |                             | 15                      |                             |
| 128268      | 603                     |                             | ----- >DL               |                             | 19                      |                             | 16                      |                             |
| 128269      | 458                     |                             | 5884                    |                             | 19                      |                             | 14                      |                             |

>DL Value greater than detection limit

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22268</b>                |
|                                          | Your order number : <b>GCL-08-48</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>64</b>  |

| Designation | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|-------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 128270      | 436                     |                             | ----- >DL               |                             | 18                      |                             | 14                      |                             |
| 128271      | 232                     |                             | 5277                    |                             | 18                      |                             | 13                      |                             |
| 128272      | 200                     |                             | 3408                    |                             | 17                      |                             | 13                      |                             |
| 128273      | 185                     |                             | 1967                    |                             | 18                      |                             | 13                      |                             |
| 128274      | 201                     | 209                         | 1880                    | 1905                        | 17                      | 18                          | 16                      | 16                          |
| 128275      | 2719                    |                             | ----- >DL               |                             | 85                      |                             | 33                      |                             |
| 128276      | 339                     |                             | ----- >DL               |                             | 17                      |                             | 15                      |                             |
| 128277      | 281                     |                             | ----- >DL               |                             | 20                      |                             | 14                      |                             |
| 128278      | 151                     |                             | 1881                    |                             | 18                      |                             | 13                      |                             |
| 128279      | 174                     |                             | 1822                    |                             | 18                      |                             | 15                      |                             |
| 128280      | 137                     |                             | 1334                    |                             | 19                      |                             | 11                      |                             |
| 128281      | 136                     |                             | 1263                    |                             | 26                      |                             | 12                      |                             |
| 128282      | 113                     |                             | 772                     |                             | 13                      |                             | 7                       |                             |
| 128283      | 200                     |                             | 268                     |                             | 46                      |                             | 15                      |                             |
| 128284      | 146                     |                             | 81                      |                             | 71                      |                             | 14                      |                             |
| 128285      | 187                     |                             | 63                      |                             | 85                      |                             | 16                      |                             |
| 128286      | 223                     | 233                         | 167                     | 168                         | 108                     | 106                         | 20                      | 21                          |
| 128287      | 414                     |                             | 545                     |                             | 67                      |                             | 85                      |                             |
| 128288      | 316                     |                             | 82                      |                             | 69                      |                             | 25                      |                             |
| 128289      | 347                     |                             | 63                      |                             | 58                      |                             | 11                      |                             |

>DL Value greater than detection limit

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22268</b>                |
|                                          | Your order number : <b>GCL-08-48</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>64</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 128290             | 141                     |                             | 66                      |                             | 56                      |                             | 11                      |                             |
| 128291             | 284                     |                             | 72                      |                             | 85                      |                             | 18                      |                             |
| 128292             | 172                     |                             | 208                     |                             | 55                      |                             | 15                      |                             |
| 128293             | 34                      |                             | 363                     |                             | 8                       |                             | 5                       |                             |
| 128294             | 102                     |                             | 1029                    |                             | 19                      |                             | 11                      |                             |
| 128295             | 140                     |                             | 1358                    |                             | 26                      |                             | 15                      |                             |
| 128296             | 315                     |                             | 1017                    |                             | 29                      |                             | 18                      |                             |
| 128297             | 256                     |                             | 916                     |                             | 27                      |                             | 16                      |                             |
| 128298             | 293                     | 301                         | 496                     | 483                         | 24                      | 25                          | 12                      | 12                          |
| 128299             | 203                     |                             | 1176                    |                             | 45                      |                             | 16                      |                             |
| 128300             | 194                     |                             | 103                     |                             | 17                      |                             | 9                       |                             |
| 128301             | 248                     |                             | 945                     |                             | 53                      |                             | 16                      |                             |
| 128302             | 683                     |                             | 1756                    |                             | 73                      |                             | 16                      |                             |
| 128303             | 390                     |                             | 945                     |                             | 73                      |                             | 14                      |                             |
| 128304             | 251                     |                             | 2175                    |                             | 64                      |                             | 13                      |                             |
| 128305             | 324                     |                             | 744                     |                             | 72                      |                             | 12                      |                             |
| 128306             | 184                     |                             | 595                     |                             | 53                      |                             | 13                      |                             |
| 128307             | 147                     |                             | 865                     |                             | 35                      |                             | 11                      |                             |
| 128308             | 176                     |                             | 1077                    |                             | 30                      |                             | 10                      |                             |
| 128309             | 139                     |                             | 863                     |                             | 27                      |                             | 10                      |                             |



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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22268</b>                |
|                                          | Your order number : <b>GCL-08-48</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>64</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| <b>128310</b>      | 219                     | 211                         | 1057                    | 1039                        | 44                      | 46                          | 17                      | 15                          |
| <b>128311</b>      | 198                     |                             | 1147                    |                             | 38                      |                             | 14                      |                             |
| <b>128312</b>      | 148                     |                             | 1013                    |                             | 20                      |                             | 9                       |                             |
| <b>128313</b>      | 129                     |                             | 717                     |                             | 32                      |                             | 12                      |                             |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22268</b>                |
|                                          | Your order number : <b>GCL-08-48</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>64</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 128250             | 23                      | 26                          |                           |                               |
| 128251             | 25                      |                             |                           |                               |
| 128252             | 39                      |                             |                           |                               |
| 128253             | 40                      |                             |                           |                               |
| 128254             | 45                      |                             |                           |                               |
| 128255             | 38                      |                             |                           |                               |
| 128256             | 42                      |                             |                           |                               |
| 128257             | 48                      |                             |                           |                               |
| 128258             | 52                      |                             |                           |                               |
| 128259             | 49                      |                             |                           |                               |
| 128260             | 36                      |                             |                           |                               |
| 128261             | 125                     |                             | 11.040                    |                               |
| 128262             | 101                     | 102                         | 3.380                     | 3.360                         |
| 128263             | 100                     |                             | 2.880                     |                               |
| 128264             | 68                      |                             | 1.300                     |                               |
| 128265             | 101                     |                             | 2.310                     |                               |
| 128266             | 89                      |                             | 2.020                     |                               |
| 128267             | 81                      |                             | 1.470                     |                               |
| 128268             | 76                      |                             | 1.170                     |                               |
| 128269             | 59                      |                             | 0.580                     |                               |

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| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22268</b>                |
|                                          | Your order number : <b>GCL-08-48</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>64</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 128270             | 101                     |                             | 1.540                     |                               |
| 128271             | 66                      |                             | 0.530                     |                               |
| 128272             | 60                      |                             |                           |                               |
| 128273             | 48                      |                             |                           |                               |
| 128274             | 53                      | 55                          |                           |                               |
| 128275             | 199                     |                             | 1.350                     |                               |
| 128276             | 165                     |                             | 1.940                     |                               |
| 128277             | 129                     |                             | 1.210                     |                               |
| 128278             | 47                      |                             |                           |                               |
| 128279             | 49                      |                             |                           |                               |
| 128280             | 51                      |                             |                           |                               |
| 128281             | 49                      |                             |                           |                               |
| 128282             | 36                      |                             |                           |                               |
| 128283             | 42                      |                             |                           |                               |
| 128284             | 39                      |                             |                           |                               |
| 128285             | 45                      |                             |                           |                               |
| 128286             | 46                      | 46                          |                           |                               |
| 128287             | 46                      |                             |                           |                               |
| 128288             | 37                      |                             |                           |                               |
| 128289             | 32                      |                             |                           |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22268</b>                |
|                                          | Your order number : <b>GCL-08-48</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>64</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 128290             | 32                      |                             |                           |                               |
| 128291             | 47                      |                             |                           |                               |
| 128292             | 40                      |                             |                           |                               |
| 128293             | 25                      |                             |                           |                               |
| 128294             | 45                      |                             |                           |                               |
| 128295             | 54                      |                             |                           |                               |
| 128296             | 61                      |                             |                           |                               |
| 128297             | 53                      |                             |                           |                               |
| 128298             | 45                      | 43                          |                           |                               |
| 128299             | 65                      |                             |                           |                               |
| 128300             | 24                      |                             |                           |                               |
| 128301             | 55                      |                             |                           |                               |
| 128302             | 67                      |                             |                           |                               |
| 128303             | 47                      |                             |                           |                               |
| 128304             | 65                      |                             |                           |                               |
| 128305             | 51                      |                             |                           |                               |
| 128306             | 46                      |                             |                           |                               |
| 128307             | 45                      |                             |                           |                               |
| 128308             | 46                      |                             |                           |                               |
| 128309             | 42                      |                             |                           |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22268</b>                |
|                                          | Your order number : <b>GCL-08-48</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>64</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 128310             | 56                      | 55                          |                           |                               |
| 128311             | 51                      |                             |                           |                               |
| 128312             | 43                      |                             |                           |                               |
| 128313             | 39                      |                             |                           |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22227</b>                |
|                                          | Your order number : <b>GCL-08-51</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>51</b>  |

| Designation | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|-------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 128458      | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | 0.4                       | 0.4                           |
| 128459      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128460      | <5                      |                             | 6                       |                             | <5                      |                             | <0.2                      |                               |
| 128461      | <5                      |                             | 8                       |                             | <5                      |                             | 0.9                       |                               |
| 128462      | <5                      |                             | 7                       |                             | <5                      |                             | <0.2                      |                               |
| 128463      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128464      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128465      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128466      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128467      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128468      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128469      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128470      | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 128471      | <5                      |                             | 8                       |                             | <5                      |                             | <0.2                      |                               |
| 128472      | <5                      |                             | 8                       |                             | <5                      |                             | <0.2                      |                               |
| 128473      | <5                      |                             | 9                       |                             | <5                      |                             | <0.2                      |                               |
| 128474      | <5                      |                             | 9                       |                             | <5                      |                             | <0.2                      |                               |
| 128475      | <5                      |                             | 13                      |                             | <5                      |                             | <0.2                      |                               |
| 128476      | <5                      |                             | 7                       |                             | <5                      |                             | <0.2                      |                               |
| 128477      | <5                      |                             | 9                       |                             | <5                      |                             | 0.3                       |                               |

Joe Landers, Manager

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22227</b>                |
|                                          | Your order number : <b>GCL-08-51</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>51</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 128478             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128479             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128480             | <5                      |                             | 12                      |                             | 27                      |                             | <0.2                      |                               |
| 128481             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128482             | <5                      | <5                          | 7                       | 8                           | 6                       | 7                           | <0.2                      | <0.2                          |
| 128483             | 8                       |                             | 91                      |                             | 252                     |                             | <0.2                      |                               |
| 128484             | <5                      |                             | 26                      |                             | 26                      |                             | <0.2                      |                               |
| 128485             | <5                      |                             | 247                     |                             | 556                     |                             | <0.2                      |                               |
| 128486             | 9                       |                             | 414                     |                             | 903                     |                             | 0.6                       |                               |
| 128487             | 13                      |                             | 273                     |                             | 523                     |                             | 0.8                       |                               |
| 128488             | 58                      |                             | 614                     |                             | 824                     |                             | 1.1                       |                               |
| 128489             | 50                      |                             | 416                     |                             | 856                     |                             | 1.3                       |                               |
| 128490             | 61                      |                             | 670                     |                             | 701                     |                             | 1.4                       |                               |
| 128491             | 23                      |                             | 244                     |                             | 553                     |                             | 0.7                       |                               |
| 128492             | 94                      | 107                         | 388                     | 374                         | 1402                    | 1389                        | 1.3                       |                               |
| 128493             | 47                      |                             | 314                     |                             | 818                     |                             | 0.7                       |                               |
| 128494             | <5                      | <5                          | 97                      | 94                          | 207                     | 209                         | <0.2                      | 0.3                           |
| 128495             | 75                      |                             | 162                     |                             | 391                     |                             | 0.9                       |                               |
| 128496             | 31                      |                             | 39                      |                             | 88                      |                             | 0.4                       |                               |
| 128497             | <5                      |                             | 27                      |                             | 55                      |                             | 0.3                       |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22227</b>                |
|                                          | Your order number : <b>GCL-08-51</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>51</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 128498             | <5                      |                             | 7                       |                             | 13                      |                             | <0.2                      |                               |
| 128499             | 52                      |                             | 34                      |                             | 81                      |                             | <0.2                      |                               |
| 128500             | 5                       |                             | 27                      |                             | 24                      |                             | <0.2                      |                               |
| 106551             | 43                      |                             | 10                      |                             | 15                      |                             | <0.2                      |                               |
| 106552             | 15                      |                             | 19                      |                             | 30                      |                             | <0.2                      |                               |
| 106553             | <5                      |                             | 11                      |                             | 14                      |                             | 0.2                       |                               |
| 106554             | 5                       |                             | 20                      |                             | 29                      |                             | <0.2                      |                               |
| 106555             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106556             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 106557             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 106558             | 20                      |                             | 16                      |                             | 7                       |                             | <0.2                      |                               |



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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22227</b>                |
|                                          | Your order number : <b>GCL-08-51</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>51</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 128458             | 120                     | 116                         | 835                     | 791                         | 36                      | 38                          | 18                      | 18                          |
| 128459             | 169                     |                             | 1402                    |                             | 22                      |                             | 18                      |                             |
| 128460             | 151                     |                             | 1468                    |                             | 20                      |                             | 20                      |                             |
| 128461             | 185                     |                             | 1355                    |                             | 26                      |                             | 24                      |                             |
| 128462             | 162                     |                             | 1308                    |                             | 23                      |                             | 20                      |                             |
| 128463             | 149                     |                             | 1458                    |                             | 23                      |                             | 19                      |                             |
| 128464             | 146                     |                             | 1588                    |                             | 20                      |                             | 17                      |                             |
| 128465             | 144                     |                             | 1500                    |                             | 20                      |                             | 17                      |                             |
| 128466             | 141                     |                             | 1495                    |                             | 20                      |                             | 17                      |                             |
| 128467             | 142                     |                             | 1508                    |                             | 19                      |                             | 16                      |                             |
| 128468             | 141                     |                             | 1464                    |                             | 20                      |                             | 15                      |                             |
| 128469             | 154                     |                             | 1373                    |                             | 22                      |                             | 19                      |                             |
| 128470             | 121                     | 127                         | 916                     | 912                         | 25                      | 27                          | 18                      | 19                          |
| 128471             | 118                     |                             | 757                     |                             | 28                      |                             | 15                      |                             |
| 128472             | 185                     |                             | 917                     |                             | 37                      |                             | 19                      |                             |
| 128473             | 186                     |                             | 925                     |                             | 68                      |                             | 19                      |                             |
| 128474             | 351                     |                             | 1024                    |                             | 635                     |                             | 21                      |                             |
| 128475             | 347                     |                             | 979                     |                             | 97                      |                             | 21                      |                             |
| 128476             | 220                     |                             | 1191                    |                             | 67                      |                             | 23                      |                             |
| 128477             | 173                     |                             | 1112                    |                             | 61                      |                             | 21                      |                             |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22227</b>                |
|                                          | Your order number : <b>GCL-08-51</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>51</b>  |

| Designation | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|-------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 128478      | 114                     |                             | 630                     |                             | 27                      |                             | 9                       |                             |
| 128479      | 79                      |                             | 668                     |                             | 34                      |                             | 11                      |                             |
| 128480      | 103                     |                             | 1004                    |                             | 39                      |                             | 14                      |                             |
| 128481      | 119                     |                             | 385                     |                             | 59                      |                             | 23                      |                             |
| 128482      | 92                      | 87                          | 892                     | 876                         | 37                      | 36                          | 15                      | 16                          |
| 128483      | 117                     |                             | 2339                    |                             | 40                      |                             | 17                      |                             |
| 128484      | 320                     |                             | 936                     |                             | 16                      |                             | 8                       |                             |
| 128485      | 238                     |                             | ----- >DL               |                             | 24                      |                             | 18                      |                             |
| 128486      | 542                     |                             | ----- >DL               |                             | 25                      |                             | 22                      |                             |
| 128487      | 3110                    |                             | ----- >DL               |                             | 28                      |                             | 26                      |                             |
| 128488      | 3694                    |                             | ----- >DL               |                             | 32                      |                             | 38                      |                             |
| 128489      | 3521                    |                             | ----- >DL               |                             | 35                      |                             | 46                      |                             |
| 128490      | 9289                    |                             | ----- >DL               |                             | 39                      |                             | 36                      |                             |
| 128491      | 2159                    |                             | ----- >DL               |                             | 28                      |                             | 30                      |                             |
| 128492      | 2282                    |                             | ----- >DL               |                             | 28                      |                             | 27                      |                             |
| 128493      | 1649                    |                             | ----- >DL               |                             | 25                      |                             | 24                      |                             |
| 128494      | 1128                    | 1100                        | 9618                    | 9516                        | 25                      | 24                          | 26                      | 24                          |
| 128495      | 2600                    |                             | ----- >DL               |                             | 24                      |                             | 27                      |                             |
| 128496      | 1393                    |                             | ----- >DL               |                             | 28                      |                             | 25                      |                             |
| 128497      | 385                     |                             | 3807                    |                             | 26                      |                             | 22                      |                             |

>DL Value greater than detection limit

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22227</b>                |
|                                          | Your order number : <b>GCL-08-51</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>51</b>  |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 128498             | 231                     |                             | 2129                    |                             | 25                      |                             | 20                      |                             |
| 128499             | 290                     |                             | 2761                    |                             | 25                      |                             | 18                      |                             |
| 128500             | 147                     |                             | 447                     |                             | 17                      |                             | 12                      |                             |
| 106551             | 142                     |                             | 1833                    |                             | 29                      |                             | 17                      |                             |
| 106552             | 150                     |                             | 2896                    |                             | 28                      |                             | 18                      |                             |
| 106553             | 140                     |                             | 1485                    |                             | 28                      |                             | 17                      |                             |
| 106554             | 141                     |                             | 2227                    |                             | 28                      |                             | 20                      |                             |
| 106555             | 847                     |                             | 124                     |                             | 133                     |                             | 28                      |                             |
| 106556             | 371                     | 380                         | 122                     | 117                         | 131                     | 129                         | 27                      | 28                          |
| 106557             | 293                     |                             | 97                      |                             | 103                     |                             | 22                      |                             |
| 106558             | 259                     |                             | 104                     |                             | 115                     |                             | 26                      |                             |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22227</b>                |
|                                          | Your order number : <b>GCL-08-51</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>51</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Cu<br>AAT-8<br>%<br>0.010 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|---------------------------|-------------------------------|
| 128458             | 49                      | 51                          |                           |                           |                               |
| 128459             | 68                      |                             |                           |                           |                               |
| 128460             | 74                      |                             |                           |                           |                               |
| 128461             | 74                      |                             |                           |                           |                               |
| 128462             | 69                      |                             |                           |                           |                               |
| 128463             | 74                      |                             |                           |                           |                               |
| 128464             | 76                      |                             |                           |                           |                               |
| 128465             | 66                      |                             |                           |                           |                               |
| 128466             | 64                      |                             |                           |                           |                               |
| 128467             | 67                      |                             |                           |                           |                               |
| 128468             | 64                      |                             |                           |                           |                               |
| 128469             | 65                      |                             |                           |                           |                               |
| 128470             | 66                      | 68                          |                           |                           |                               |
| 128471             | 59                      |                             |                           |                           |                               |
| 128472             | 74                      |                             |                           |                           |                               |
| 128473             | 69                      |                             |                           |                           |                               |
| 128474             | 102                     |                             |                           |                           |                               |
| 128475             | 98                      |                             |                           |                           |                               |
| 128476             | 74                      |                             |                           |                           |                               |
| 128477             | 70                      |                             |                           |                           |                               |

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| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22227</b>                |
|                                          | Your order number : <b>GCL-08-51</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>51</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Cu<br>AAT-8<br>%<br>0.010 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|---------------------------|-------------------------------|
| 128478             | 39                      |                             |                           |                           |                               |
| 128479             | 37                      |                             |                           |                           |                               |
| 128480             | 39                      |                             |                           |                           |                               |
| 128481             | 34                      |                             |                           |                           |                               |
| 128482             | 40                      | 39                          |                           |                           |                               |
| 128483             | 58                      |                             |                           |                           |                               |
| 128484             | 27                      |                             |                           |                           |                               |
| 128485             | 136                     |                             |                           | 1.170                     |                               |
| 128486             | 183                     |                             |                           | 1.970                     |                               |
| 128487             | 259                     |                             |                           | 2.530                     |                               |
| 128488             | 756                     |                             |                           | 4.860                     |                               |
| 128489             | 856                     |                             |                           | 5.800                     |                               |
| 128490             | 664                     |                             | 0.940                     | 3.930                     |                               |
| 128491             | 308                     |                             |                           | 3.140                     |                               |
| 128492             | 325                     |                             |                           | 4.190                     |                               |
| 128493             | 292                     |                             |                           | 3.300                     |                               |
| 128494             | 131                     | 131                         |                           | 0.970                     | 0.980                         |
| 128495             | 418                     |                             |                           | 3.040                     |                               |
| 128496             | 189                     |                             |                           | 1.190                     |                               |
| 128497             | 116                     |                             |                           |                           |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22227</b>                |
|                                          | Your order number : <b>GCL-08-51</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>51</b>  |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Cu<br>AAT-8<br>%<br>0.010 | Ni<br>AAT-8<br>%<br>0.010 | Ni-Dup<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|---------------------------|-------------------------------|
| 128498             | 78                      |                             |                           |                           |                               |
| 128499             | 77                      |                             |                           |                           |                               |
| 128500             | 25                      |                             |                           |                           |                               |
| 106551             | 56                      |                             |                           |                           |                               |
| 106552             | 80                      |                             |                           |                           |                               |
| 106553             | 51                      |                             |                           |                           |                               |
| 106554             | 67                      |                             |                           |                           |                               |
| 106555             | 58                      |                             |                           |                           |                               |
| 106556             | 56                      | 56                          |                           |                           |                               |
| 106557             | 47                      |                             |                           |                           |                               |
| 106558             | 52                      |                             |                           |                           |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22191</b>                |
|                                          | Your order number : <b>GCL-08-47</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>102</b> |

| Designation | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|-------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 128072      | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 128073      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128074      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128075      | 10                      |                             | 64                      |                             | 80                      |                             | 0.4                       |                               |
| 128076      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128077      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128078      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128079      | 9                       |                             | 9                       |                             | 8                       |                             | <0.2                      |                               |
| 128080      | <5                      |                             | 8                       |                             | 8                       |                             | <0.2                      |                               |
| 128081      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128082      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128083      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128084      | <5                      | <5                          | 6                       | 7                           | 7                       | 7                           | <0.2                      | <0.2                          |
| 128085      | 9                       |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128086      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128087      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128088      | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128089      | <5                      |                             | 10                      |                             | 6                       |                             | <0.2                      |                               |
| 128090      | <5                      |                             | <5                      |                             | <5                      |                             | 0.4                       |                               |
| 128091      | <5                      |                             | 14                      |                             | 12                      |                             | <0.2                      |                               |



Joe Landers, Manager

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22191</b>                |
|                                          | Your order number : <b>GCL-08-47</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>102</b> |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 128092             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128093             | <5                      |                             | 12                      |                             | 7                       |                             | <0.2                      |                               |
| 128094             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128095             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128096             | <5                      | <5                          | 5                       | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 128097             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128098             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128099             | <5                      |                             | 8                       |                             | <5                      |                             | <0.2                      |                               |
| 128100             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128101             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128102             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128103             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128104             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128105             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128106             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128107             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128108             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 128109             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128110             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128111             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |



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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22191</b>                |
|                                          | Your order number : <b>GCL-08-47</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>102</b> |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 128112             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128113             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128114             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128115             | <5                      |                             | 7                       |                             | <5                      |                             | <0.2                      |                               |
| 128116             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128117             | 20                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128118             | <5                      |                             | 7                       |                             | <5                      |                             | <0.2                      |                               |
| 128119             | 7                       |                             | 8                       |                             | <5                      |                             | <0.2                      |                               |
| 128120             | <5                      | <5                          | 6                       | 5                           | <5                      | <5                          | <0.2                      | <0.2                          |
| 128121             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128122             | 9                       |                             | 9                       |                             | <5                      |                             | <0.2                      |                               |
| 128123             | <5                      |                             | 6                       |                             | <5                      |                             | <0.2                      |                               |
| 128124             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128125             | 10                      |                             | 110                     |                             | 124                     |                             | <0.2                      |                               |
| 128126             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128127             | 9                       |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128128             | 6                       |                             | 10                      |                             | <5                      |                             | <0.2                      |                               |
| 128129             | <5                      |                             | 7                       |                             | <5                      |                             | <0.2                      |                               |
| 128130             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128131             | <5                      |                             | 8                       |                             | <5                      |                             | <0.2                      |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22191</b>                |
|                                          | Your order number : <b>GCL-08-47</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>102</b> |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 128132             | 6                       | <5                          | <5                      | 6                           | <5                      | <5                          | <0.2                      | <0.2                          |
| 128133             | <5                      |                             | 10                      |                             | <5                      |                             | <0.2                      |                               |
| 128134             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128135             | 17                      |                             | 6                       |                             | <5                      |                             | <0.2                      |                               |
| 128136             | 11                      |                             | 6                       |                             | <5                      |                             | <0.2                      |                               |
| 128137             | 13                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128138             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128139             | 34                      |                             | 11                      |                             | <5                      |                             | <0.2                      |                               |
| 128140             | 26                      |                             | 6                       |                             | <5                      |                             | <0.2                      |                               |
| 128141             | 59                      |                             | 10                      |                             | <5                      |                             | <0.2                      |                               |
| 128142             | 12                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128143             | <5                      |                             | 6                       |                             | <5                      |                             | <0.2                      |                               |
| 128144             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 128145             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128146             | 6                       |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128147             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128148             | 6                       |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128149             | <5                      |                             | 8                       |                             | <5                      |                             | <0.2                      |                               |
| 128150             | <5                      |                             | 46                      |                             | 39                      |                             | <0.2                      |                               |
| 128151             | <5                      |                             | 10                      |                             | <5                      |                             | <0.2                      |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22191</b>                |
|                                          | Your order number : <b>GCL-08-47</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>102</b> |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 128152             | <5                      |                             | 8                       |                             | <5                      |                             | <0.2                      |                               |
| 128153             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128154             | <5                      |                             | 6                       |                             | <5                      |                             | <0.2                      |                               |
| 128155             | 11                      |                             | 8                       |                             | <5                      |                             | <0.2                      |                               |
| 128156             | <5                      | <5                          | <5                      | 6                           | <5                      | <5                          | <0.2                      | <0.2                          |
| 128157             | <5                      |                             | 10                      |                             | <5                      |                             | <0.2                      |                               |
| 128158             | 58                      |                             | 11                      |                             | <5                      |                             | <0.2                      |                               |
| 128159             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128160             | <5                      |                             | 8                       |                             | <5                      |                             | <0.2                      |                               |
| 128161             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128162             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128163             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128164             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128165             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128166             | 14                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128167             | <5                      |                             | 9                       |                             | <5                      |                             | <0.2                      |                               |
| 128168             | <5                      | <5                          | 11                      | 8                           | 11                      | 10                          | <0.2                      | <0.2                          |
| 128169             | <5                      |                             | 12                      |                             | 7                       |                             | <0.2                      |                               |
| 128170             | <5                      |                             | 12                      |                             | 7                       |                             | <0.2                      |                               |
| 128171             | <5                      |                             | 16                      |                             | 12                      |                             | <0.2                      |                               |

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| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22191</b>                |
|                                          | Your order number : <b>GCL-08-47</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>102</b> |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 128172             | <5                      |                             | 9                       |                             | 7                       |                             | <0.2                      |                               |
| 128173             | <5                      |                             | 14                      |                             | 11                      |                             | <0.2                      |                               |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22191</b>                |
|                                          | Your order number : <b>GCL-08-47</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>102</b> |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 128072             | 91                      | 93                          | 229                     | 223                         | 164                     | 173                         | 103                     | 102                         |
| 128073             | 90                      |                             | 164                     |                             | 99                      |                             | 58                      |                             |
| 128074             | 68                      |                             | 42                      |                             | 42                      |                             | 27                      |                             |
| 128075             | 2641                    |                             | ----- >DL               |                             | 83                      |                             | 30                      |                             |
| 128076             | 182                     |                             | 1010                    |                             | 208                     |                             | 23                      |                             |
| 128077             | 509                     |                             | 372                     |                             | 577                     |                             | 31                      |                             |
| 128078             | 83                      |                             | 662                     |                             | 118                     |                             | 22                      |                             |
| 128079             | 91                      |                             | 560                     |                             | 109                     |                             | 20                      |                             |
| 128080             | 127                     |                             | 818                     |                             | 102                     |                             | 20                      |                             |
| 128081             | 164                     |                             | 711                     |                             | 130                     |                             | 21                      |                             |
| 128082             | 148                     |                             | 906                     |                             | 915                     |                             | 21                      |                             |
| 128083             | 316                     |                             | 704                     |                             | 289                     |                             | 38                      |                             |
| 128084             | 89                      | 86                          | 678                     | 663                         | 150                     | 138                         | 20                      | 18                          |
| 128085             | 119                     |                             | 710                     |                             | 133                     |                             | 21                      |                             |
| 128086             | 70                      |                             | 769                     |                             | 108                     |                             | 21                      |                             |
| 128087             | 169                     |                             | 373                     |                             | 132                     |                             | 29                      |                             |
| 128088             | 87                      |                             | 771                     |                             | 91                      |                             | 24                      |                             |
| 128089             | 163                     |                             | 879                     |                             | 86                      |                             | 25                      |                             |
| 128090             | 819                     |                             | 551                     |                             | 1800                    |                             | 37                      |                             |
| 128091             | 126                     |                             | 566                     |                             | 116                     |                             | 20                      |                             |

>DL Value greater than detection limit

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22191</b>                |
|                                          | Your order number : <b>GCL-08-47</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>102</b> |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 128092             | 94                      |                             | 1427                    |                             | 36                      |                             | 23                      |                             |
| 128093             | 96                      |                             | 1323                    |                             | 25                      |                             | 25                      |                             |
| 128094             | 78                      |                             | 1341                    |                             | 25                      |                             | 22                      |                             |
| 128095             | 92                      |                             | 1224                    |                             | 26                      |                             | 26                      |                             |
| 128096             | 76                      | 70                          | 1392                    | 1383                        | 23                      | 21                          | 21                      | 20                          |
| 128097             | 75                      |                             | 1454                    |                             | 23                      |                             | 19                      |                             |
| 128098             | 117                     |                             | 1137                    |                             | 23                      |                             | 23                      |                             |
| 128099             | 81                      |                             | 1177                    |                             | 23                      |                             | 21                      |                             |
| 128100             | 166                     |                             | 108                     |                             | 106                     |                             | 24                      |                             |
| 128101             | 66                      |                             | 1292                    |                             | 23                      |                             | 19                      |                             |
| 128102             | 87                      |                             | 1175                    |                             | 26                      |                             | 24                      |                             |
| 128103             | 70                      |                             | 1471                    |                             | 23                      |                             | 18                      |                             |
| 128104             | 61                      |                             | 1445                    |                             | 22                      |                             | 18                      |                             |
| 128105             | 64                      |                             | 1537                    |                             | 19                      |                             | 17                      |                             |
| 128106             | 66                      |                             | 1720                    |                             | 20                      |                             | 17                      |                             |
| 128107             | 82                      |                             | 1590                    |                             | 20                      |                             | 17                      |                             |
| 128108             | 95                      | 93                          | 1498                    | 1481                        | 24                      | 22                          | 22                      | 20                          |
| 128109             | 81                      |                             | 1423                    |                             | 23                      |                             | 22                      |                             |
| 128110             | 66                      |                             | 1264                    |                             | 21                      |                             | 19                      |                             |
| 128111             | 73                      |                             | 1432                    |                             | 22                      |                             | 20                      |                             |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22191</b>                |
|                                          | Your order number : <b>GCL-08-47</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>102</b> |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 128112             | 59                      |                             | 1507                    |                             | 19                      |                             | 17                      |                             |
| 128113             | 67                      |                             | 1401                    |                             | 20                      |                             | 19                      |                             |
| 128114             | 72                      |                             | 1309                    |                             | 21                      |                             | 21                      |                             |
| 128115             | 76                      |                             | 1102                    |                             | 22                      |                             | 22                      |                             |
| 128116             | 63                      |                             | 1248                    |                             | 15                      |                             | 17                      |                             |
| 128117             | 61                      |                             | 1402                    |                             | 13                      |                             | 17                      |                             |
| 128118             | 67                      |                             | 1390                    |                             | 15                      |                             | 18                      |                             |
| 128119             | 62                      |                             | 1483                    |                             | 12                      |                             | 17                      |                             |
| 128120             | 57                      | 57                          | 1533                    | 1556                        | 14                      | 13                          | 20                      | 17                          |
| 128121             | 63                      |                             | 1633                    |                             | 14                      |                             | 18                      |                             |
| 128122             | 64                      |                             | 1625                    |                             | 14                      |                             | 18                      |                             |
| 128123             | 67                      |                             | 1494                    |                             | 13                      |                             | 19                      |                             |
| 128124             | 66                      |                             | 1402                    |                             | 12                      |                             | 19                      |                             |
| 128125             | 1798                    |                             | ----- >DL               |                             | 87                      |                             | 49                      |                             |
| 128126             | 70                      |                             | 1586                    |                             | 13                      |                             | 18                      |                             |
| 128127             | 67                      |                             | 1446                    |                             | 15                      |                             | 20                      |                             |
| 128128             | 63                      |                             | 1687                    |                             | 13                      |                             | 19                      |                             |
| 128129             | 73                      |                             | 1570                    |                             | 13                      |                             | 20                      |                             |
| 128130             | 62                      |                             | 1650                    |                             | 12                      |                             | 18                      |                             |
| 128131             | 70                      |                             | 1631                    |                             | 11                      |                             | 18                      |                             |

>DL Value greater than detection limit

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22191</b>                |
|                                          | Your order number : <b>GCL-08-47</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>102</b> |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 128132             | 72                      | 69                          | 1502                    | 1487                        | 14                      | 13                          | 19                      | 16                          |
| 128133             | 70                      |                             | 1543                    |                             | 13                      |                             | 19                      |                             |
| 128134             | 68                      |                             | 1562                    |                             | 12                      |                             | 18                      |                             |
| 128135             | 76                      |                             | 1428                    |                             | 15                      |                             | 20                      |                             |
| 128136             | 76                      |                             | 1504                    |                             | 16                      |                             | 19                      |                             |
| 128137             | 64                      |                             | 1300                    |                             | 14                      |                             | 20                      |                             |
| 128138             | 72                      |                             | 1502                    |                             | 14                      |                             | 18                      |                             |
| 128139             | 76                      |                             | 1546                    |                             | 16                      |                             | 20                      |                             |
| 128140             | 71                      |                             | 1544                    |                             | 14                      |                             | 19                      |                             |
| 128141             | 73                      |                             | 1410                    |                             | 15                      |                             | 20                      |                             |
| 128142             | 70                      |                             | 1203                    |                             | 14                      |                             | 19                      |                             |
| 128143             | 66                      |                             | 1322                    |                             | 13                      |                             | 18                      |                             |
| 128144             | 66                      | 66                          | 1409                    | 1421                        | 15                      | 18                          | 16                      | 17                          |
| 128145             | 61                      |                             | 1530                    |                             | 22                      |                             | 17                      |                             |
| 128146             | 76                      |                             | 1262                    |                             | 18                      |                             | 20                      |                             |
| 128147             | 75                      |                             | 1425                    |                             | 17                      |                             | 17                      |                             |
| 128148             | 72                      |                             | 1559                    |                             | 15                      |                             | 17                      |                             |
| 128149             | 66                      |                             | 1483                    |                             | 18                      |                             | 19                      |                             |
| 128150             | 108                     |                             | 94                      |                             | 23                      |                             | 13                      |                             |
| 128151             | 70                      |                             | 1340                    |                             | 16                      |                             | 17                      |                             |



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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22191</b>                |
|                                          | Your order number : <b>GCL-08-47</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>102</b> |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 128152             | 80                      |                             | 1580                    |                             | 13                      |                             | 14                      |                             |
| 128153             | 70                      |                             | 1521                    |                             | 14                      |                             | 15                      |                             |
| 128154             | 63                      |                             | 1571                    |                             | 17                      |                             | 18                      |                             |
| 128155             | 67                      |                             | 1646                    |                             | 19                      |                             | 17                      |                             |
| 128156             | 69                      | 71                          | 1508                    | 1492                        | 18                      | 22                          | 18                      | 19                          |
| 128157             | 69                      |                             | 1472                    |                             | 21                      |                             | 20                      |                             |
| 128158             | 65                      |                             | 1439                    |                             | 16                      |                             | 19                      |                             |
| 128159             | 73                      |                             | 1608                    |                             | 20                      |                             | 19                      |                             |
| 128160             | 81                      |                             | 1645                    |                             | 20                      |                             | 18                      |                             |
| 128161             | 69                      |                             | 1561                    |                             | 20                      |                             | 18                      |                             |
| 128162             | 68                      |                             | 1516                    |                             | 19                      |                             | 17                      |                             |
| 128163             | 63                      |                             | 1394                    |                             | 20                      |                             | 17                      |                             |
| 128164             | 64                      |                             | 1352                    |                             | 19                      |                             | 15                      |                             |
| 128165             | 74                      |                             | 1109                    |                             | 26                      |                             | 20                      |                             |
| 128166             | 72                      |                             | 1276                    |                             | 22                      |                             | 18                      |                             |
| 128167             | 71                      |                             | 236                     |                             | 27                      |                             | 20                      |                             |
| 128168             | 144                     | 143                         | 408                     | 409                         | 64                      | 61                          | 19                      | 19                          |
| 128169             | 174                     |                             | 419                     |                             | 52                      |                             | 18                      |                             |
| 128170             | 115                     |                             | 913                     |                             | 42                      |                             | 17                      |                             |
| 128171             | 133                     |                             | 383                     |                             | 53                      |                             | 15                      |                             |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22191</b>                |
|                                          | Your order number : <b>GCL-08-47</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>102</b> |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 128172             | 91                      |                             | 571                     |                             | 36                      |                             | 17                      |                             |
| 128173             | 53                      |                             | 358                     |                             | 47                      |                             | 18                      |                             |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22191</b>                |
|                                          | Your order number : <b>GCL-08-47</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>102</b> |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|
| 128072             | 27                      | 27                          |                           |
| 128073             | 30                      |                             |                           |
| 128074             | 15                      |                             |                           |
| 128075             | 199                     |                             | 1.330                     |
| 128076             | 76                      |                             |                           |
| 128077             | 70                      |                             |                           |
| 128078             | 65                      |                             |                           |
| 128079             | 58                      |                             |                           |
| 128080             | 69                      |                             |                           |
| 128081             | 65                      |                             |                           |
| 128082             | 82                      |                             |                           |
| 128083             | 81                      |                             |                           |
| 128084             | 67                      | 65                          |                           |
| 128085             | 70                      |                             |                           |
| 128086             | 69                      |                             |                           |
| 128087             | 60                      |                             |                           |
| 128088             | 69                      |                             |                           |
| 128089             | 80                      |                             |                           |
| 128090             | 142                     |                             |                           |
| 128091             | 69                      |                             |                           |

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|------------------------------------------|--------------------------------------------------------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                                                                            |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22191</b><br>Your order number : <b>GCL-08-47</b><br>Project : <b>LANGMUIR</b> |
|                                          | Total number of samples : <b>102</b>                                                       |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|
| 128092             | 78                      |                             |                           |
| 128093             | 69                      |                             |                           |
| 128094             | 79                      |                             |                           |
| 128095             | 77                      |                             |                           |
| 128096             | 70                      | 70                          |                           |
| 128097             | 68                      |                             |                           |
| 128098             | 64                      |                             |                           |
| 128099             | 64                      |                             |                           |
| 128100             | 50                      |                             |                           |
| 128101             | 65                      |                             |                           |
| 128102             | 61                      |                             |                           |
| 128103             | 65                      |                             |                           |
| 128104             | 65                      |                             |                           |
| 128105             | 67                      |                             |                           |
| 128106             | 70                      |                             |                           |
| 128107             | 64                      |                             |                           |
| 128108             | 63                      | 61                          |                           |
| 128109             | 70                      |                             |                           |
| 128110             | 65                      |                             |                           |
| 128111             | 66                      |                             |                           |

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| Client : <b>Golden Chalice Resources</b> |                                                                                            |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22191</b><br>Your order number : <b>GCL-08-47</b><br>Project : <b>LANGMUIR</b> |
|                                          | Total number of samples : <b>102</b>                                                       |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|
| 128112             | 65                      |                             |                           |
| 128113             | 63                      |                             |                           |
| 128114             | 66                      |                             |                           |
| 128115             | 60                      |                             |                           |
| 128116             | 63                      |                             |                           |
| 128117             | 65                      |                             |                           |
| 128118             | 66                      |                             |                           |
| 128119             | 62                      |                             |                           |
| 128120             | 66                      | 64                          |                           |
| 128121             | 69                      |                             |                           |
| 128122             | 66                      |                             |                           |
| 128123             | 64                      |                             |                           |
| 128124             | 61                      |                             |                           |
| 128125             | 389                     |                             | 1.990                     |
| 128126             | 67                      |                             |                           |
| 128127             | 59                      |                             |                           |
| 128128             | 65                      |                             |                           |
| 128129             | 63                      |                             |                           |
| 128130             | 65                      |                             |                           |
| 128131             | 66                      |                             |                           |

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| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22191</b>                |
|                                          | Your order number : <b>GCL-08-47</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>102</b> |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|
| 128132             | 69                      | 64                          |                           |
| 128133             | 68                      |                             |                           |
| 128134             | 70                      |                             |                           |
| 128135             | 66                      |                             |                           |
| 128136             | 66                      |                             |                           |
| 128137             | 62                      |                             |                           |
| 128138             | 70                      |                             |                           |
| 128139             | 71                      |                             |                           |
| 128140             | 73                      |                             |                           |
| 128141             | 66                      |                             |                           |
| 128142             | 61                      |                             |                           |
| 128143             | 63                      |                             |                           |
| 128144             | 65                      | 67                          |                           |
| 128145             | 70                      |                             |                           |
| 128146             | 59                      |                             |                           |
| 128147             | 64                      |                             |                           |
| 128148             | 71                      |                             |                           |
| 128149             | 68                      |                             |                           |
| 128150             | 16                      |                             |                           |
| 128151             | 61                      |                             |                           |

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| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22191</b>                |
|                                          | Your order number : <b>GCL-08-47</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>102</b> |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|
| 128152             | 69                      |                             |                           |
| 128153             | 70                      |                             |                           |
| 128154             | 72                      |                             |                           |
| 128155             | 69                      |                             |                           |
| 128156             | 65                      | 66                          |                           |
| 128157             | 65                      |                             |                           |
| 128158             | 64                      |                             |                           |
| 128159             | 70                      |                             |                           |
| 128160             | 70                      |                             |                           |
| 128161             | 67                      |                             |                           |
| 128162             | 68                      |                             |                           |
| 128163             | 59                      |                             |                           |
| 128164             | 60                      |                             |                           |
| 128165             | 56                      |                             |                           |
| 128166             | 61                      |                             |                           |
| 128167             | 33                      |                             |                           |
| 128168             | 59                      | 58                          |                           |
| 128169             | 53                      |                             |                           |
| 128170             | 60                      |                             |                           |
| 128171             | 48                      |                             |                           |

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|------------------------------------------|--------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>22191</b>                |
|                                          | Your order number : <b>GCL-08-47</b> |
|                                          | Project : <b>LANGMUIR</b>            |
|                                          | Total number of samples : <b>102</b> |

| <u>Designation</u> | Co<br>AAT-7<br>ppm<br>2 | Co-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-8<br>%<br>0.010 |
|--------------------|-------------------------|-----------------------------|---------------------------|
| 128172             | 50                      |                             |                           |
| 128173             | 41                      |                             |                           |



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|------------------------------------------|-------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                     |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>21475</b>               |
|                                          | Your order number : <b>046</b>      |
|                                          | Project : <b>LANGMUIR</b>           |
|                                          | Total number of samples : <b>14</b> |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 128058             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | <0.2                      | <0.2                          |
| 128059             | <5                      |                             | <5                      |                             | <5                      |                             | 0.9                       |                               |
| 128060             | 8                       |                             | <5                      |                             | <5                      |                             | 0.8                       |                               |
| 128061             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128062             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128063             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128064             | <5                      |                             | <5                      |                             | <5                      |                             | 0.3                       |                               |
| 128065             | <5                      |                             | <5                      |                             | <5                      |                             | 0.2                       |                               |
| 128066             | <5                      |                             | 10                      |                             | <5                      |                             | <0.2                      |                               |
| 128067             | <5                      |                             | <5                      |                             | <5                      |                             | 1.0                       |                               |
| 128068             | <5                      |                             | <5                      |                             | <5                      |                             | 0.3                       |                               |
| 128069             | <5                      |                             | <5                      |                             | <5                      |                             | <0.2                      |                               |
| 128070             | <5                      | <5                          | <5                      | <5                          | <5                      | <5                          | 0.3                       | 0.4                           |
| 128071             | <5                      |                             | <5                      |                             | <5                      |                             | 0.2                       |                               |

  
 Luce Lafleur, Office Manager

**\*\*\* Certificate of analysis \*\*\***

**Laboratoire Expert Inc.**

127, Boulevard Industriel  
Rouyn-Noranda, Québec  
Canada, J9X 6P2  
Telephone : (819) 762-7100, Fax : (819) 762-7510

Date : 2008/03/12

Page : 2 of 3

|                                          |                                     |
|------------------------------------------|-------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                     |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>21475</b>               |
|                                          | Your order number : <b>046</b>      |
|                                          | Project : <b>LANGMUIR</b>           |
|                                          | Total number of samples : <b>14</b> |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 128058             | 141                     | 141                         | 67                      | 70                          | 41                      | 43                          | 20                      | 21                          |
| 128059             | 1417                    |                             | 755                     |                             | 38                      |                             | 81                      |                             |
| 128060             | 960                     |                             | 703                     |                             | 478                     |                             | 118                     |                             |
| 128061             | 100                     |                             | 72                      |                             | 54                      |                             | 15                      |                             |
| 128062             | 114                     |                             | 932                     |                             | 59                      |                             | 21                      |                             |
| 128063             | 222                     |                             | 710                     |                             | 392                     |                             | 21                      |                             |
| 128064             | 93                      |                             | 715                     |                             | 125                     |                             | 34                      |                             |
| 128065             | 231                     |                             | 419                     |                             | 221                     |                             | 37                      |                             |
| 128066             | 122                     |                             | 160                     |                             | 51                      |                             | 18                      |                             |
| 128067             | 43                      |                             | 67                      |                             | 60                      |                             | 32                      |                             |
| 128068             | 133                     |                             | 902                     |                             | 258                     |                             | 69                      |                             |
| 128069             | 134                     |                             | 749                     |                             | 81                      |                             | 33                      |                             |
| 128070             | 449                     | 450                         | 671                     | 651                         | 1523                    | 1511                        | 52                      | 50                          |
| 128071             | 94                      |                             | 677                     |                             | 515                     |                             | 42                      |                             |

**\*\*\* Certificate of analysis \*\*\***

**Laboratoire Expert Inc.**

127, Boulevard Industriel  
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Date : 2008/03/12

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|                                          |                                                                                      |
|------------------------------------------|--------------------------------------------------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                                                                      |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>21475</b><br>Your order number : <b>046</b><br>Project : <b>LANGMUIR</b> |
|                                          | Total number of samples : <b>14</b>                                                  |

| <u>Designation</u> | <u>Co<br/>AAT-7<br/>ppm<br/>2</u> | <u>Co-Dup<br/>AAT-7<br/>ppm<br/>2</u> |
|--------------------|-----------------------------------|---------------------------------------|
| 128058             | 26                                | 27                                    |
| 128059             | 185                               |                                       |
| 128060             | 256                               |                                       |
| 128061             | 27                                |                                       |
| 128062             | 74                                |                                       |
| 128063             | 77                                |                                       |
| 128064             | 74                                |                                       |
| 128065             | 75                                |                                       |
| 128066             | 52                                |                                       |
| 128067             | 20                                |                                       |
| 128068             | 94                                |                                       |
| 128069             | 80                                |                                       |
| 128070             | 98                                | 95                                    |
| 128071             | 59                                |                                       |

\*\*\* Certificate of analysis \*\*\*

**Laboratoire Expert Inc.**

127, Boulevard Industriel  
Rouyn-Noranda, Québec  
Canada, J9X 6P2  
Telephone : (819) 762-7100, Fax : (819) 762-7510

Date : 2009/07/10

Page : 1 of 3

|                                          |                                     |
|------------------------------------------|-------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                     |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>24777</b>               |
|                                          | Your order number : <b>Langmuir</b> |
|                                          | Project : <b>GCL 08-55</b>          |
|                                          | Total number of samples : <b>9</b>  |

| <u>Designation</u> | Au<br>DCP-1<br>ppb<br>5 | Au-Dup<br>DCP-1<br>ppb<br>5 | Pt<br>DCP-1<br>ppb<br>5 | Pt-Dup<br>DCP-1<br>ppb<br>5 | Pd<br>DCP-1<br>ppb<br>5 | Pd-Dup<br>DCP-1<br>ppb<br>5 | Ag<br>AAT-7<br>ppm<br>0.2 | Ag-Dup<br>AAT-7<br>ppm<br>0.2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|---------------------------|-------------------------------|
| 104276             | 7                       | 6                           | 14                      | 13                          | 11                      | 10                          | 0.4                       | 0.4                           |
| 104277             | <5                      |                             | 30                      |                             | 25                      |                             | 0.5                       |                               |
| 104278             | <5                      |                             | 17                      |                             | 24                      |                             | 0.3                       |                               |
| 104279             | <5                      |                             | 26                      |                             | 24                      |                             | 0.4                       |                               |
| 104280             | 38                      |                             | 10                      |                             | 7                       |                             | 0.3                       |                               |
| 104281             | 14                      |                             | 11                      |                             | 8                       |                             | 0.6                       |                               |
| 104282             | 8                       |                             | 9                       |                             | 10                      |                             | 0.4                       |                               |
| 104283             | 11                      |                             | 11                      |                             | 9                       |                             | 0.4                       |                               |
| 104284             | <5                      |                             | 8                       |                             | 7                       |                             | 0.3                       |                               |



Joe Landers, Manager

**\*\*\* Certificate of analysis \*\*\***

**Laboratoire Expert Inc.**

127, Boulevard Industriel  
Rouyn-Noranda, Québec  
Canada, J9X 6P2  
Telephone : (819) 762-7100, Fax : (819) 762-7510

Date : 2009/07/10

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|                                          |                                                                                            |
|------------------------------------------|--------------------------------------------------------------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                                                                            |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>24777</b><br>Your order number : <b>Langmuir</b><br>Project : <b>GCL 08-55</b> |
|                                          | Total number of samples : <b>9</b>                                                         |

| <u>Designation</u> | Cu<br>AAT-7<br>ppm<br>2 | Cu-Dup<br>AAT-7<br>ppm<br>2 | Ni<br>AAT-7<br>ppm<br>2 | Ni-Dup<br>AAT-7<br>ppm<br>2 | Zn<br>AAT-7<br>ppm<br>2 | Zn-Dup<br>AAT-7<br>ppm<br>2 | Pb<br>AAT-7<br>ppm<br>2 | Pb-Dup<br>AAT-7<br>ppm<br>2 |
|--------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|-------------------------|-----------------------------|
| 104276             | 101                     | 84                          | 1276                    | 1310                        | 38                      | 36                          | 27                      | 25                          |
| 104277             | 74                      |                             | 1355                    |                             | 36                      |                             | 26                      |                             |
| 104278             | 85                      |                             | 1401                    |                             | 40                      |                             | 29                      |                             |
| 104279             | 77                      |                             | 1457                    |                             | 39                      |                             | 29                      |                             |
| 104280             | 113                     |                             | 1161                    |                             | 40                      |                             | 29                      |                             |
| 104281             | 106                     |                             | 1089                    |                             | 35                      |                             | 27                      |                             |
| 104282             | 98                      |                             | 1299                    |                             | 37                      |                             | 25                      |                             |
| 104283             | 98                      |                             | 1211                    |                             | 37                      |                             | 26                      |                             |
| 104284             | 119                     |                             | 1065                    |                             | 38                      |                             | 25                      |                             |

**\*\*\* Certificate of analysis \*\*\***

**Laboratoire Expert Inc.**

127, Boulevard Industriel  
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Canada, J9X 6P2  
Telephone : (819) 762-7100, Fax : (819) 762-7510

Date : 2009/07/10

Page : 3 of 3

|                                          |                                     |
|------------------------------------------|-------------------------------------|
| Client : <b>Golden Chalice Resources</b> |                                     |
| Addressee : <b>Darlene Wojtczak</b>      | Folder : <b>24777</b>               |
|                                          | Your order number : <b>Langmuir</b> |
|                                          | Project : <b>GCL 08-55</b>          |
|                                          | Total number of samples : <b>9</b>  |

| <u>Designation</u> | <u>Co<br/>AAT-7<br/>ppm<br/>2</u> | <u>Co-Dup<br/>AAT-7<br/>ppm<br/>2</u> |
|--------------------|-----------------------------------|---------------------------------------|
| 104276             | 75                                | 78                                    |
| 104277             | 73                                |                                       |
| 104278             | 77                                |                                       |
| 104279             | 76                                |                                       |
| 104280             | 75                                |                                       |
| 104281             | 70                                |                                       |
| 104282             | 76                                |                                       |
| 104283             | 79                                |                                       |
| 104284             | 75                                |                                       |

## APPENDIX D SUMMARY OF EXPENDITURES

Golden Chalice Resources  
 Claim No. 4203498  
 Langmuir Twp. Drilling Program  
 Porcupine Mining Division  
 January 27, 2008 to January 26, 2010

|                               |                            |
|-------------------------------|----------------------------|
| Senior Geologist              | \$ 37,485                  |
| Contract Geologist            | \$ 47,302.5                |
| Senior Geological Technician  | \$ 46,711.89               |
| Core Shack Rental (7 months)  | \$ 10,500                  |
| Core Drilling                 | \$ 461,602.52              |
| Core Storage                  | \$ 23,359.88               |
| Assays                        | \$ 42,487.61               |
| Transport of samples to lab   | \$ 2,158.69                |
| Drill Hole Location Surveying | \$ 3,888.68                |
| Exploration Supplies          | \$ 5,216.22                |
| Vehicle Expenditures          | \$ 29,769.27               |
| Report Maps                   | \$ 1,365.00                |
| Report Writing                | \$ 3,412.50                |
|                               | <b>TOTAL \$ 715,260.00</b> |

Certified by: *Kevin Montgomery*

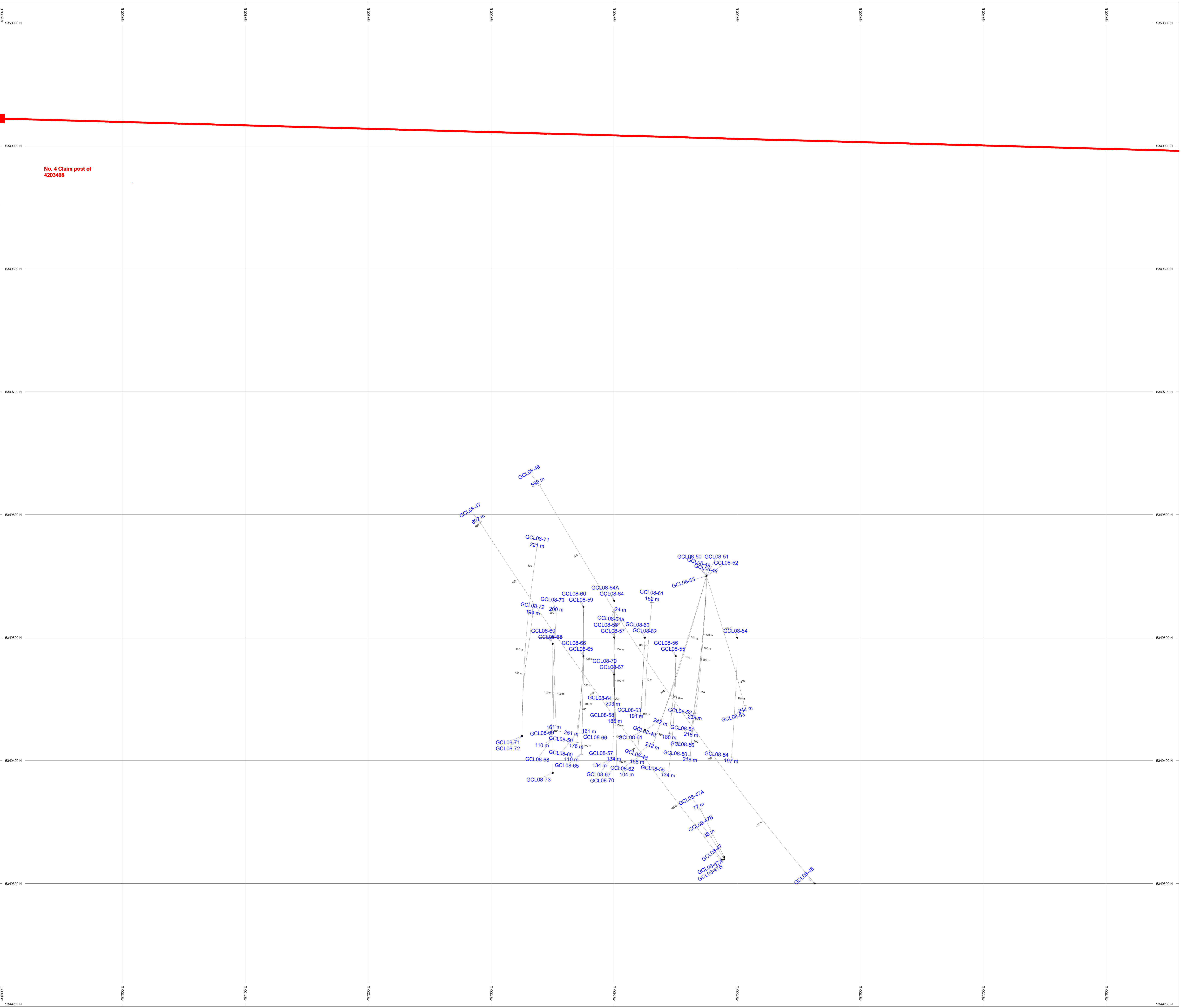
Date: *January 26, 2010*

Note: This certificate has been constructed from the Detailed Cost Accounting Ledgers of Golden Chalice Resources.

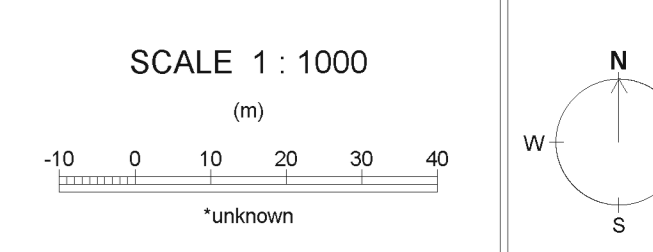
**HOLES PLOTTED**

TOTAL 31

|          |           |           |           |
|----------|-----------|-----------|-----------|
| GCL08-46 | GCL08-47  | GCL08-47A | GCL08-47B |
| GCL08-48 | GCL08-48  | GCL08-50  | GCL08-51  |
| GCL08-52 | GCL08-53  | GCL08-54  | GCL08-55  |
| GCL08-56 | GCL08-57  | GCL08-58  | GCL08-59  |
| GCL08-60 | GCL08-61  | GCL08-62  | GCL08-63  |
| GCL08-64 | GCL08-64A | GCL08-65  | GCL08-66  |
| GCL08-67 | GCL08-68  | GCL08-69  | GCL08-70  |
| GCL08-71 | GCL08-72  | GCL08-73  |           |

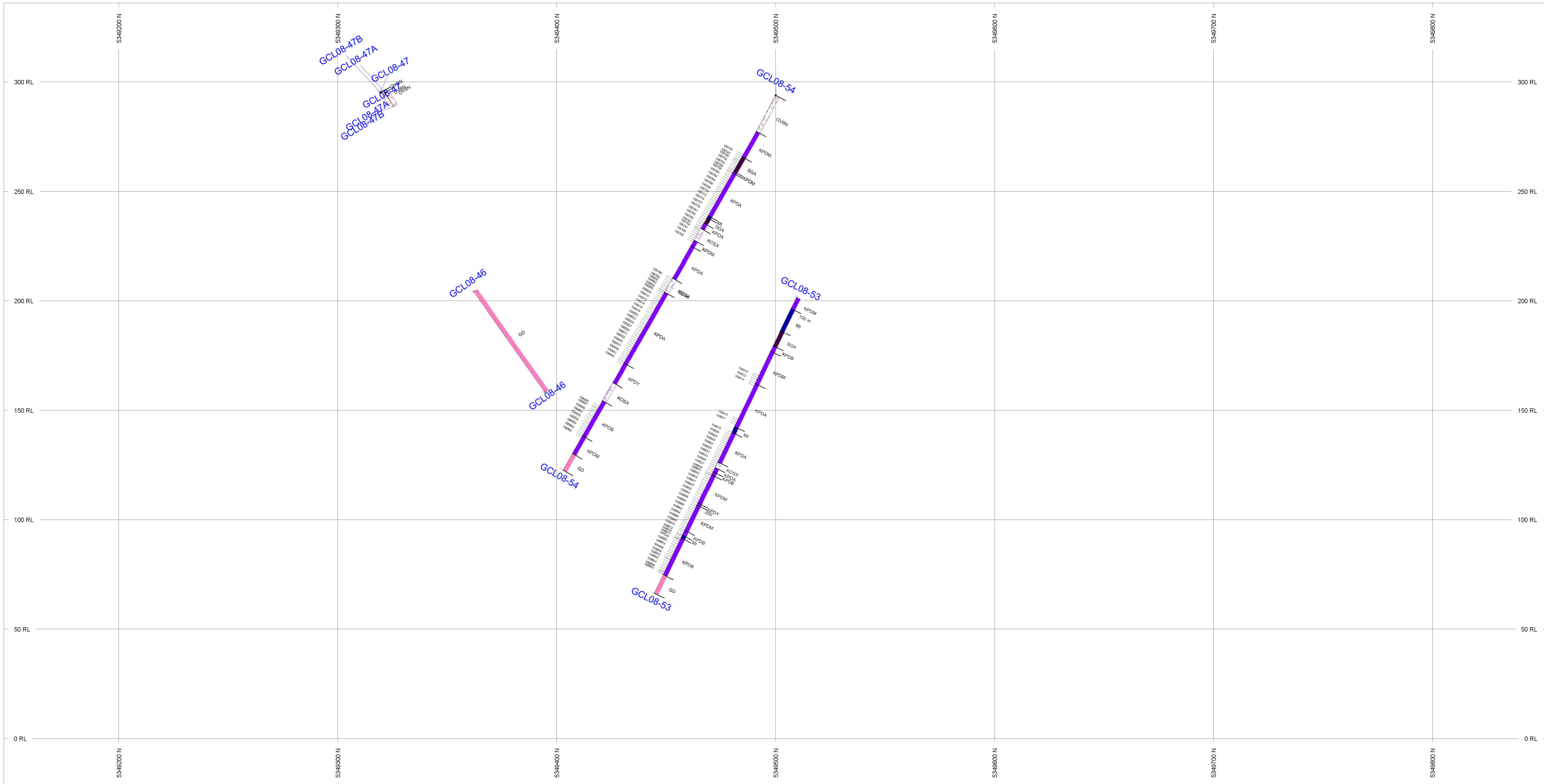
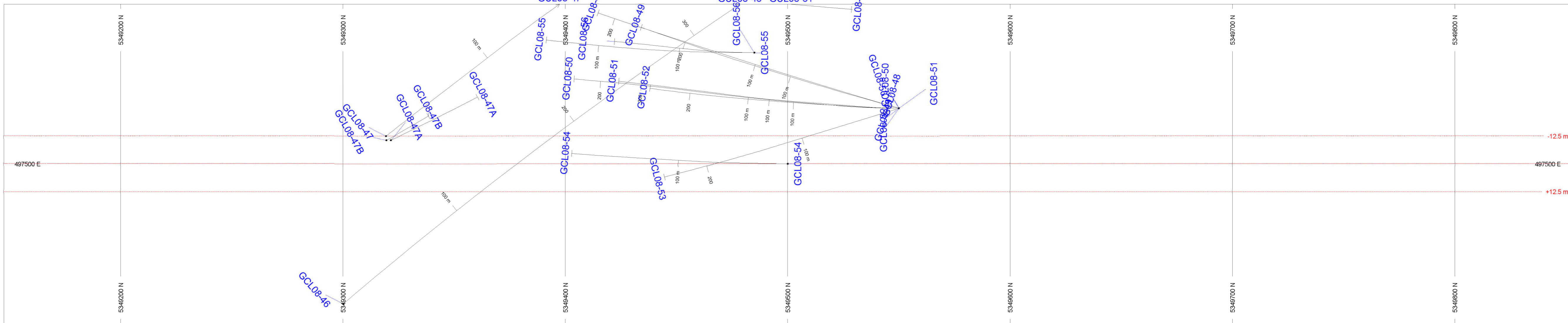


PLAN SPECS:  
 REF. PT. E, N 466000 m 5346200 m  
 EXTENTS 650 m 817.1 m



Golden Chalice Resources  
 Langmuir Property  
 2008 Drilling on Claim 4203498

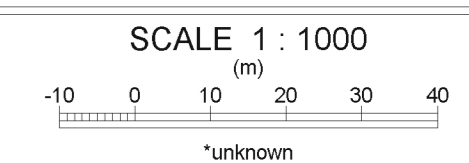


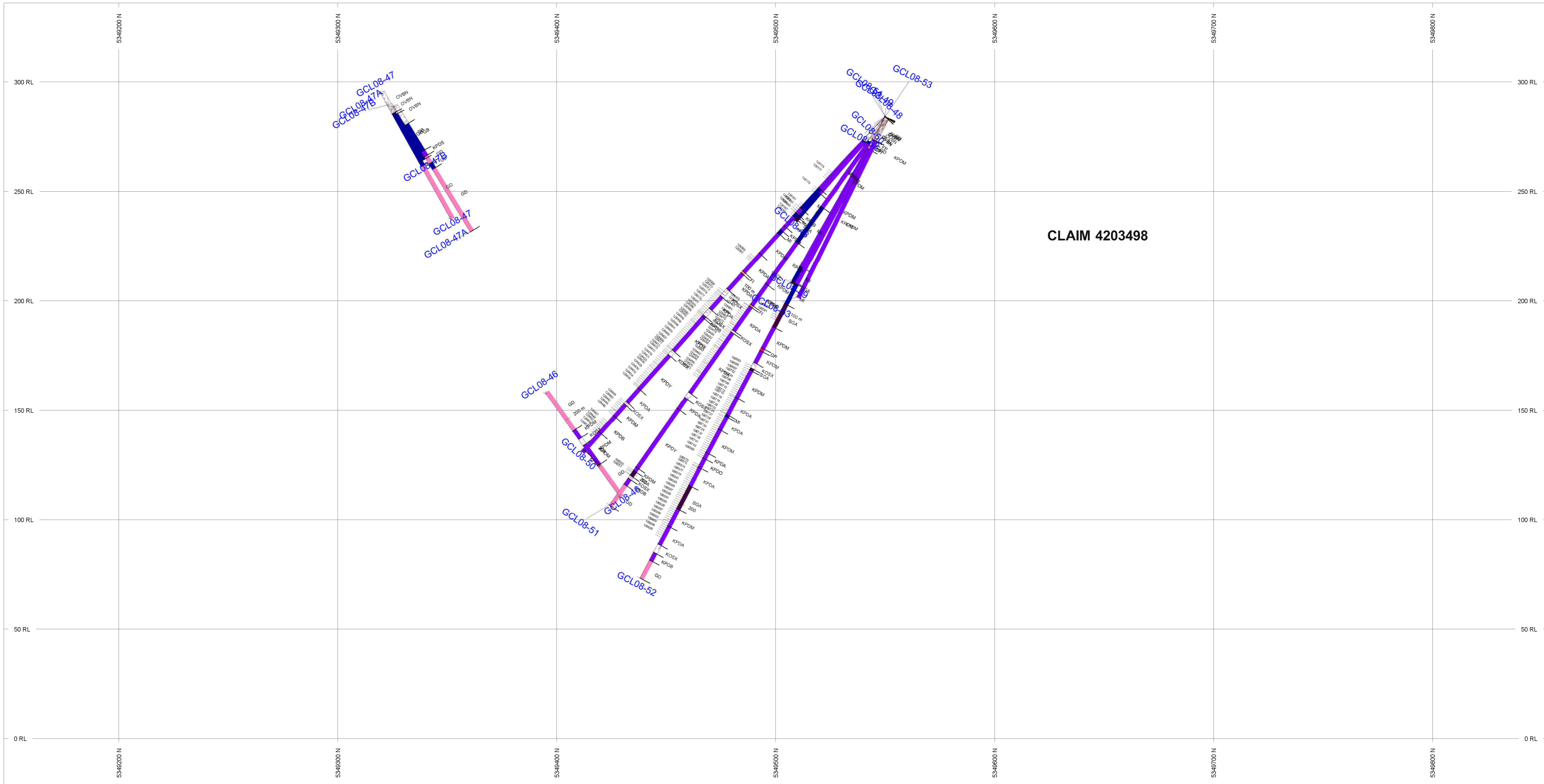
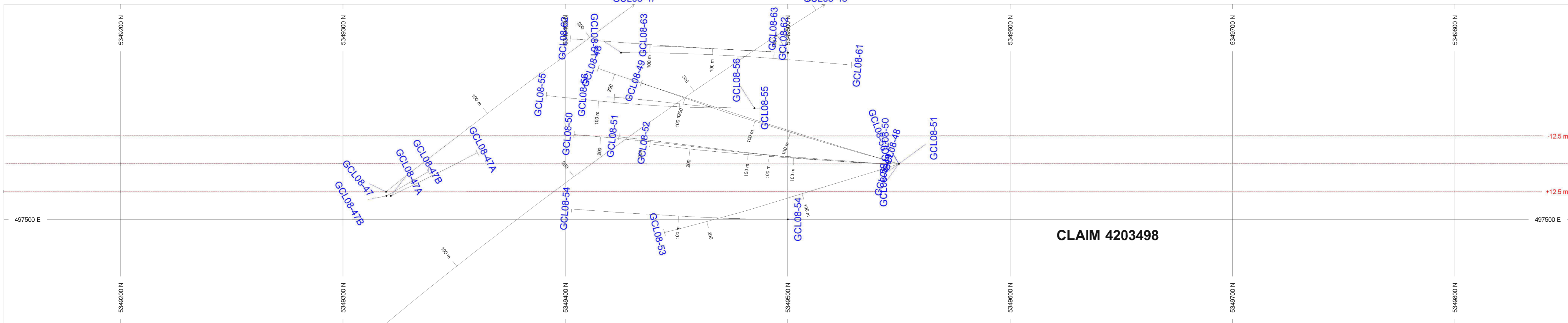


| ROCK CODES | PAT  | LABEL                                     | DESCRIPTION                               |
|------------|------|-------------------------------------------|-------------------------------------------|
| Code       | GB   | gabbro                                    | gabbro                                    |
|            | GD   | granodiorite                              | granodiorite                              |
|            | ID   | intermediate dyke                         | intermediate dyke                         |
|            | KPDI | Komatitic Peridotite Amygduloidal         | Komatitic Peridotite Amygduloidal         |
|            | KOSX | komatiitic spinifex peridotite            | komatiitic spinifex peridotite            |
|            | KPDA | komatiitic peridotite adcumulate          | komatiitic peridotite adcumulate          |
|            | KPDB | komatiitic peridotite - brecciated        | komatiitic peridotite - brecciated        |
|            | KPDP | komatiitic peridotite graphitic pepperite | komatiitic peridotite graphitic pepperite |
|            | KPDM | komatiitic peridotite mesocumulate        | komatiitic peridotite mesocumulate        |
|            | KPDS | komatiitic peridotite sheared             | komatiitic peridotite sheared             |
|            | MI   | mafic intrusive (undifferentiated)        | mafic intrusive (undifferentiated)        |
|            | OVBN | overburden                                | overburden                                |
|            | SGA  | graphitic argillite                       | graphitic argillite                       |

| POSTED TEXT | L/R | TEXT  | ITEMS |
|-------------|-----|-------|-------|
| Sample      | L   | ----- | All   |
| Code        | R   | ----- | All   |

**SECTION SPECS:**  
 REF. PT. E, N 497500 m 5346500 m  
 EXTENTS 705 m 358.8 m  
 SECTION TOP, BOT 336.1 m -22.71 m  
 TOLERANCE +/- 12.5 m



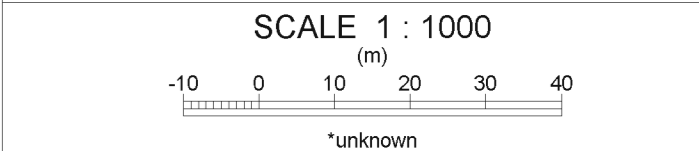


**SECTION LOOKING WEST**

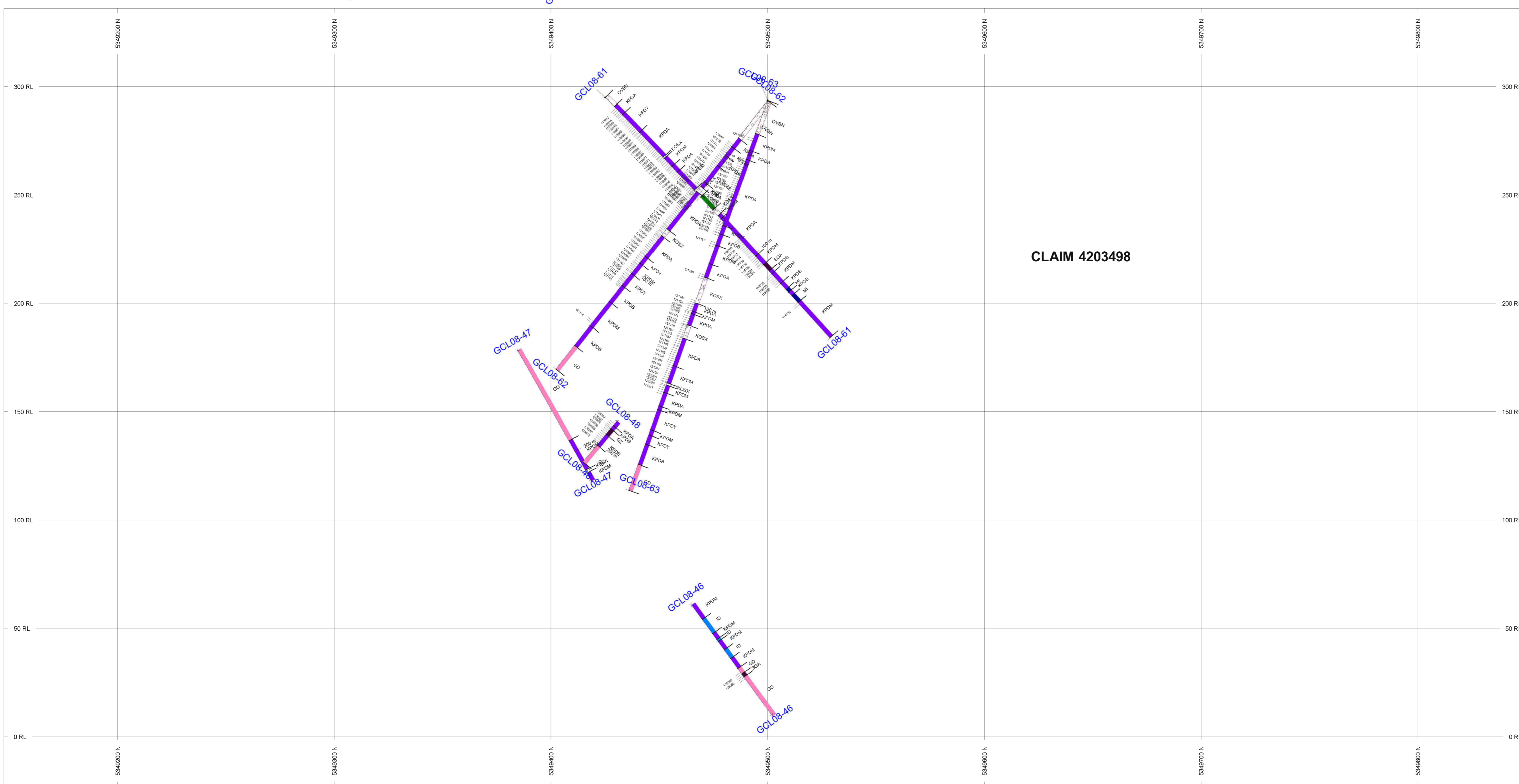
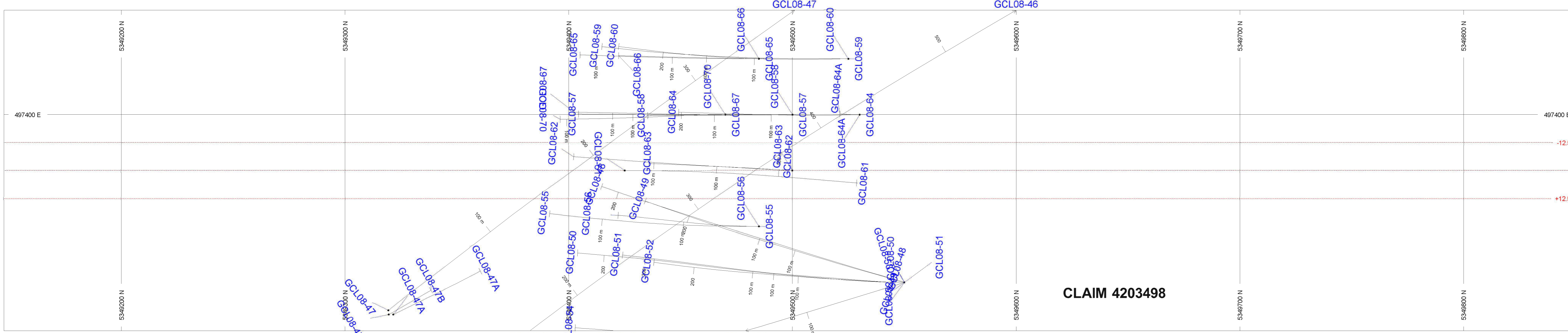
| ROCK CODES | PAT                    | LABEL | DESCRIPTION                               |
|------------|------------------------|-------|-------------------------------------------|
| FI         | [Red Box]              | FI    | felsic intrusive (undifferentiated)       |
| FP         | [Orange Box]           | FP    | feldspar porphyry                         |
| GB         | [Blue Box]             | GB    | gabbro                                    |
| GD         | [Green Box]            | GD    | granodiorite                              |
| GR         | [Yellow Box]           | GR    | granite                                   |
| GZ         | [Purple Box]           | GZ    | graphite zone                             |
| ID         | [Dark Blue Box]        | ID    | intermediate dyke                         |
| KPDI       | [Light Blue Box]       | KPDI  | Komatiitic Peridotite Amygduloidal        |
| KOSX       | [Pink Box]             | KOSX  | komatiitic spinifex peridotite            |
| KPDA       | [Light Purple Box]     | KPDA  | komatiitic peridotite adcumulate          |
| KPDB       | [Medium Purple Box]    | KPDB  | komatiitic peridotite - brecciated        |
| KPDP       | [Dark Purple Box]      | KPDP  | komatiitic peridotite graphitic pepperite |
| KPDM       | [Very Dark Purple Box] | KPDM  | komatiitic peridotite mesocumulate        |
| KPDO       | [Black Box]            | KPDO  | komatiitic peridotite orthocumulate       |
| KPDS       | [Black Box]            | KPDS  | komatiitic peridotite sheared             |
| MI         | [Dark Red Box]         | MI    | mafic intrusive (undifferentiated)        |
| OVBN       | [Grey Box]             | OVBN  | overburden                                |
| SGA        | [Dark Blue Box]        | SGA   | graphitic argillite                       |

POSTED TEXT L/R TEXT ITEMS  
 Sample L ----- All  
 Code R ----- All

**SECTION SPECS:**  
 REF. PT. E, N 497475 m 5349500 m  
 EXTENTS 705 m 358.8 m  
 SECTION TOP, BOT 336.1 m -22.71 m  
 TOLERANCE +/- 12.5 m





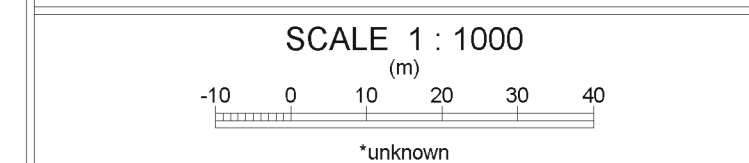


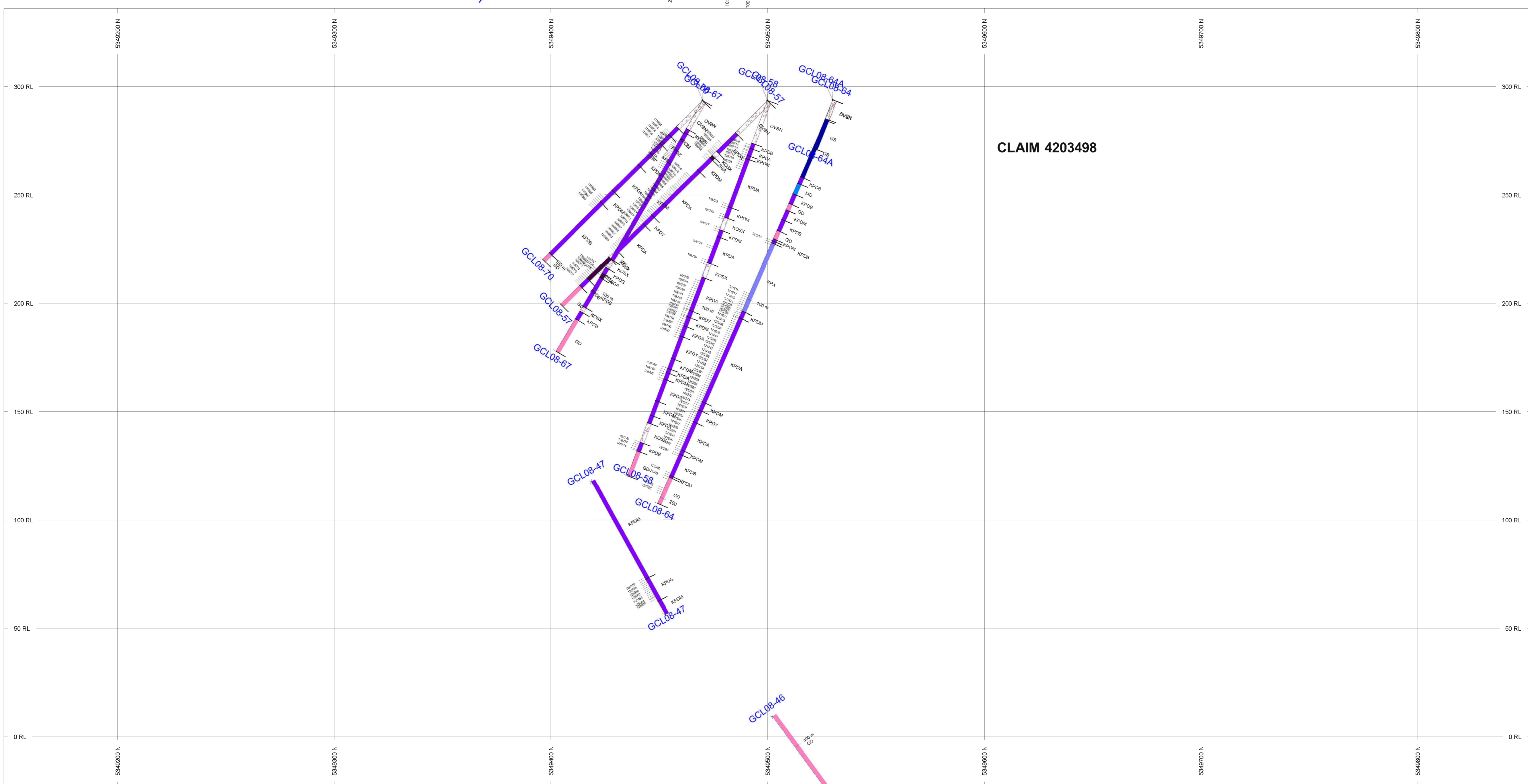
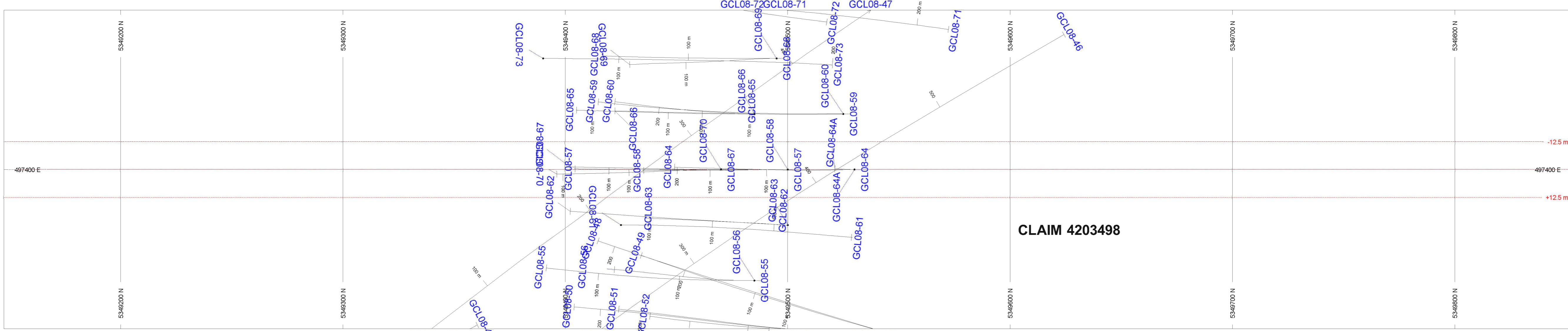
**SECTION LOOKING WEST**

| ROCK CODES | PAT  | LABEL                                    | DESCRIPTION |
|------------|------|------------------------------------------|-------------|
| Code       |      |                                          |             |
|            | BA   | basalt                                   |             |
|            | FI   | felsic intrusive (undifferentiated)      |             |
|            | FP   | feldspar porphyry                        |             |
|            | GB   | gabbro                                   |             |
|            | GD   | granodiorite                             |             |
|            | GZ   | graphite zone                            |             |
|            | ID   | intermediate dyke                        |             |
|            | KPDY | Komatitic Peridotite Amygduloidal        |             |
|            | KOSX | komatitic spinifex peridotite            |             |
|            | KPDA | komatitic peridotite adcumulate          |             |
|            | KPDB | komatitic peridotite - brecciated        |             |
|            | KPDP | komatitic peridotite graphitic pepperite |             |
|            | KPDM | komatitic peridotite mesocumulate        |             |
|            | KPDS | komatitic peridotite sheared             |             |
|            | MI   | mafic intrusive (undifferentiated)       |             |
|            | OVBN | overburden                               |             |
|            | SGA  | graphitic argillite                      |             |

| POSTED TEXT | L/R | TEXT  | ITEMS |
|-------------|-----|-------|-------|
| Sample      | L   | ----- | All   |
| Code        | R   | ----- | All   |

**SECTION SPECS:**  
 REF. PT. E, N 497425 m 5346500 m  
 EXTENTS 705 m 358.8 m  
 SECTION TOP, BOT 336.1 m -22.71 m  
 TOLERANCE +/- 12.5 m





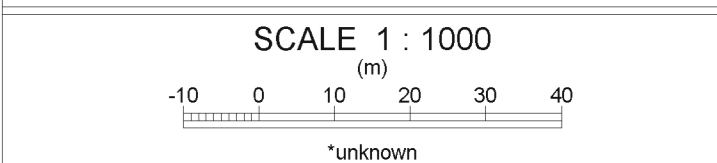
**SECTION LOOKING WEST**

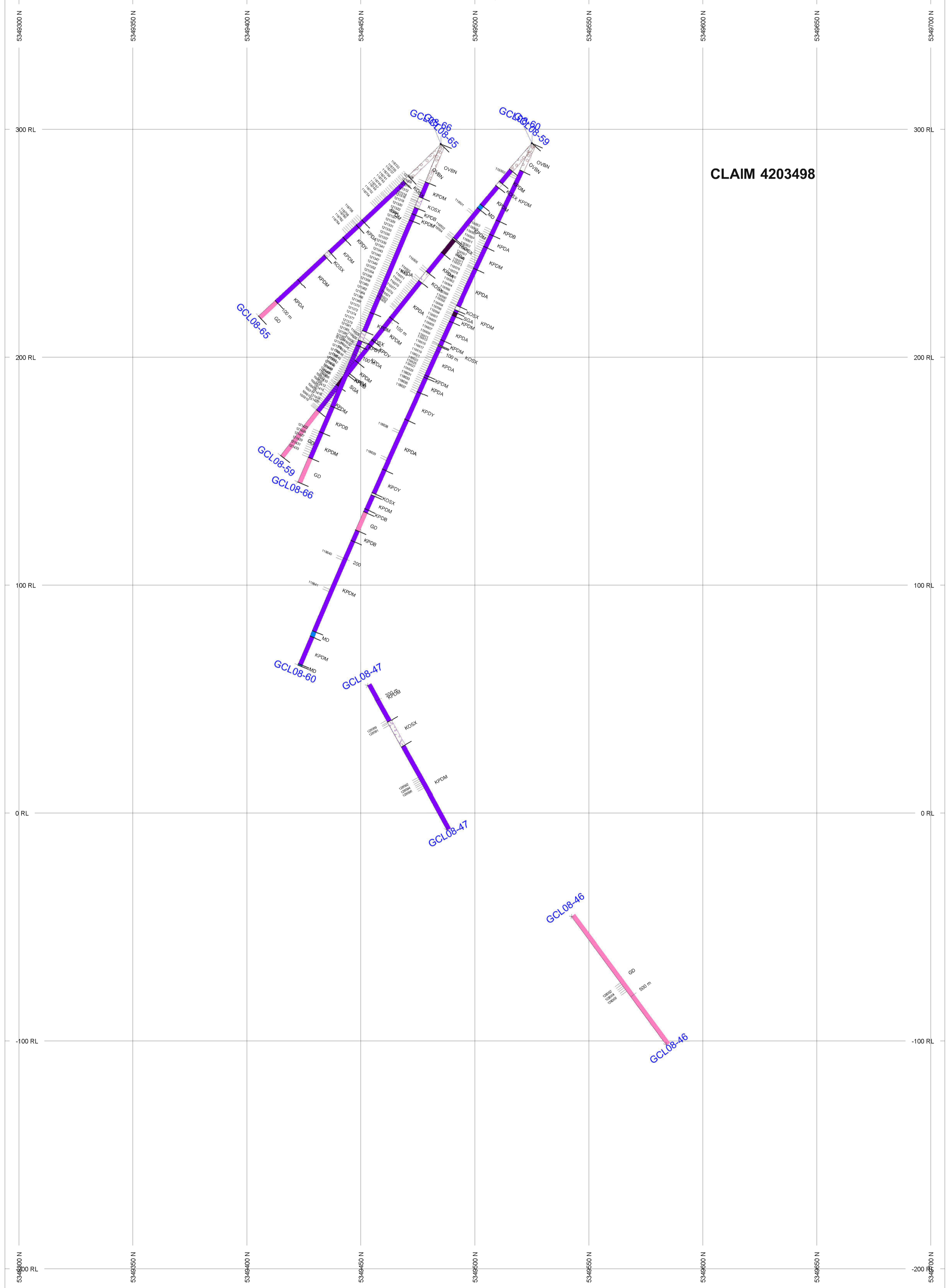
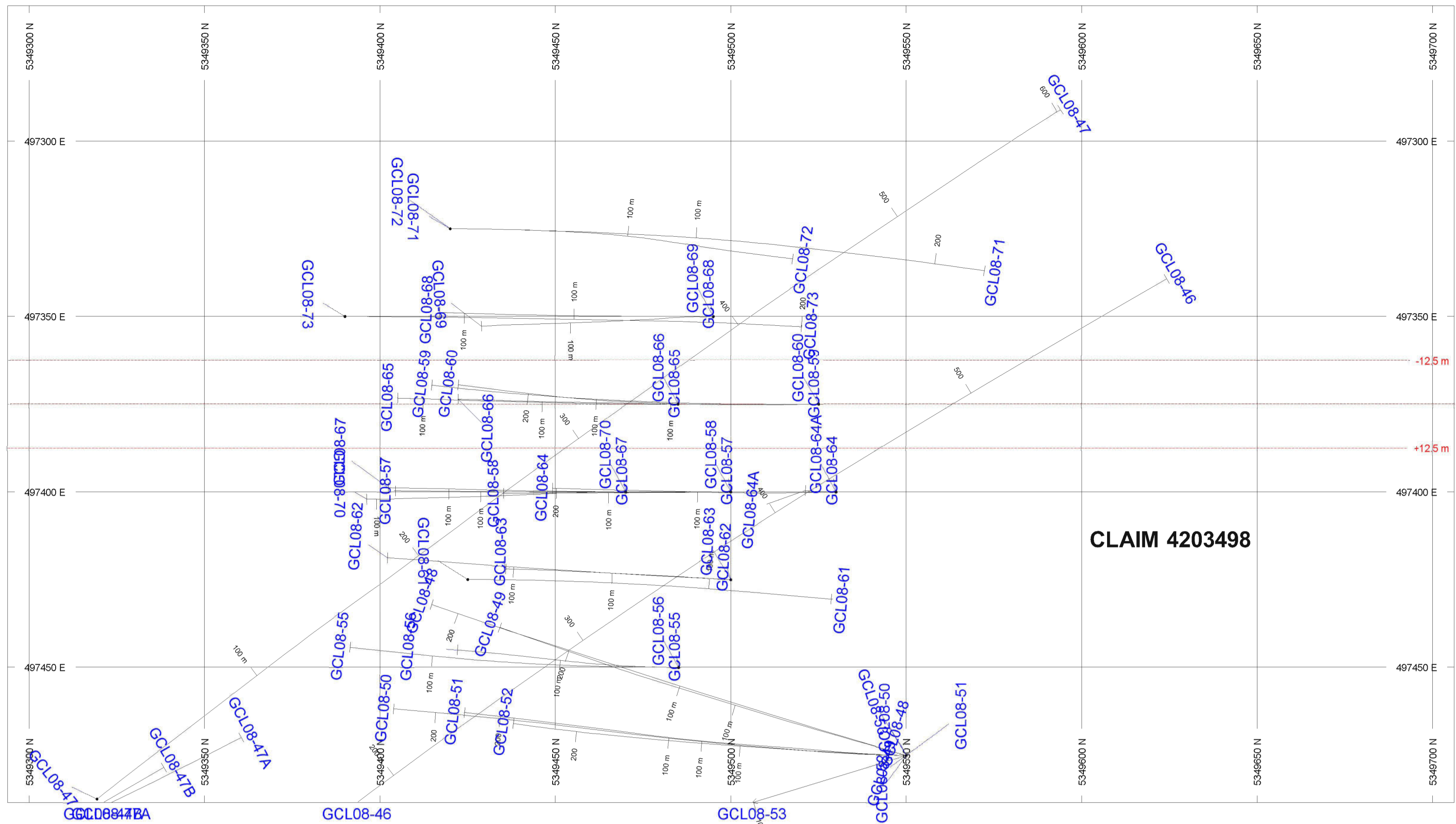
| ROCK CODES | PAT                | LABEL | DESCRIPTION                               |
|------------|--------------------|-------|-------------------------------------------|
| GB         | [Blue Box]         | GB    | gabbro                                    |
| GD         | [Pink Box]         | GD    | granodiorite                              |
| ID         | [Light Blue Box]   | ID    | intermediate dyke                         |
| KPDY       | [Purple Box]       | KPDY  | Komatiitic Peridotite Amygduloidal        |
| KOSX       | [Light Purple Box] | KOSX  | komatiitic spinifex peridotite            |
| KPDA       | [Light Purple Box] | KPDA  | komatiitic peridotite accumulate          |
| KPDB       | [Light Purple Box] | KPDB  | komatiitic peridotite - brecciated        |
| KPDP       | [Light Purple Box] | KPDP  | komatiitic peridotite graphitic pepperite |
| KPDM       | [Light Purple Box] | KPDM  | komatiitic peridotite mesocrumulate       |
| KPDS       | [Light Purple Box] | KPDS  | komatiitic peridotite sheared             |
| KPDZ       | [Light Purple Box] | KPDZ  | sulphidic komatiitic peridotite           |
| KPX        | [Light Purple Box] | KPX   | komatiitic pyroxenite                     |
| MD         | [Light Purple Box] | MD    | mafic dyke                                |
| MI         | [Light Purple Box] | MI    | mafic intrusive (undifferentiated)        |
| OVBN       | [Light Purple Box] | OVBN  | overburden                                |
| SGA        | [Light Purple Box] | SGA   | graphitic argillite                       |

| POSTED TEXT | L/R | TEXT  | ITEMS |
|-------------|-----|-------|-------|
| Sample      | L   | ----- | All   |
| Code        | R   | ----- | All   |

**SECTION SPECS:**

|                  |                    |
|------------------|--------------------|
| REF. PT. E, N    | 497400 m 5349500 m |
| EXTENTS          | 705 m 358.8 m      |
| SECTION TOP, BOT | 336.1 m -22.71 m   |
| TOLERANCE +/-    | 12.5 m             |





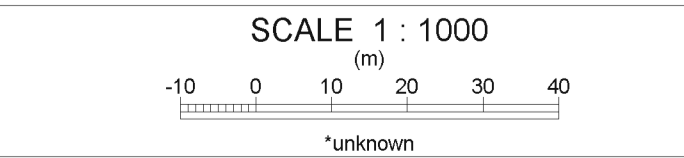
**GOLDEN CHALICE**  
RESOURCES INC

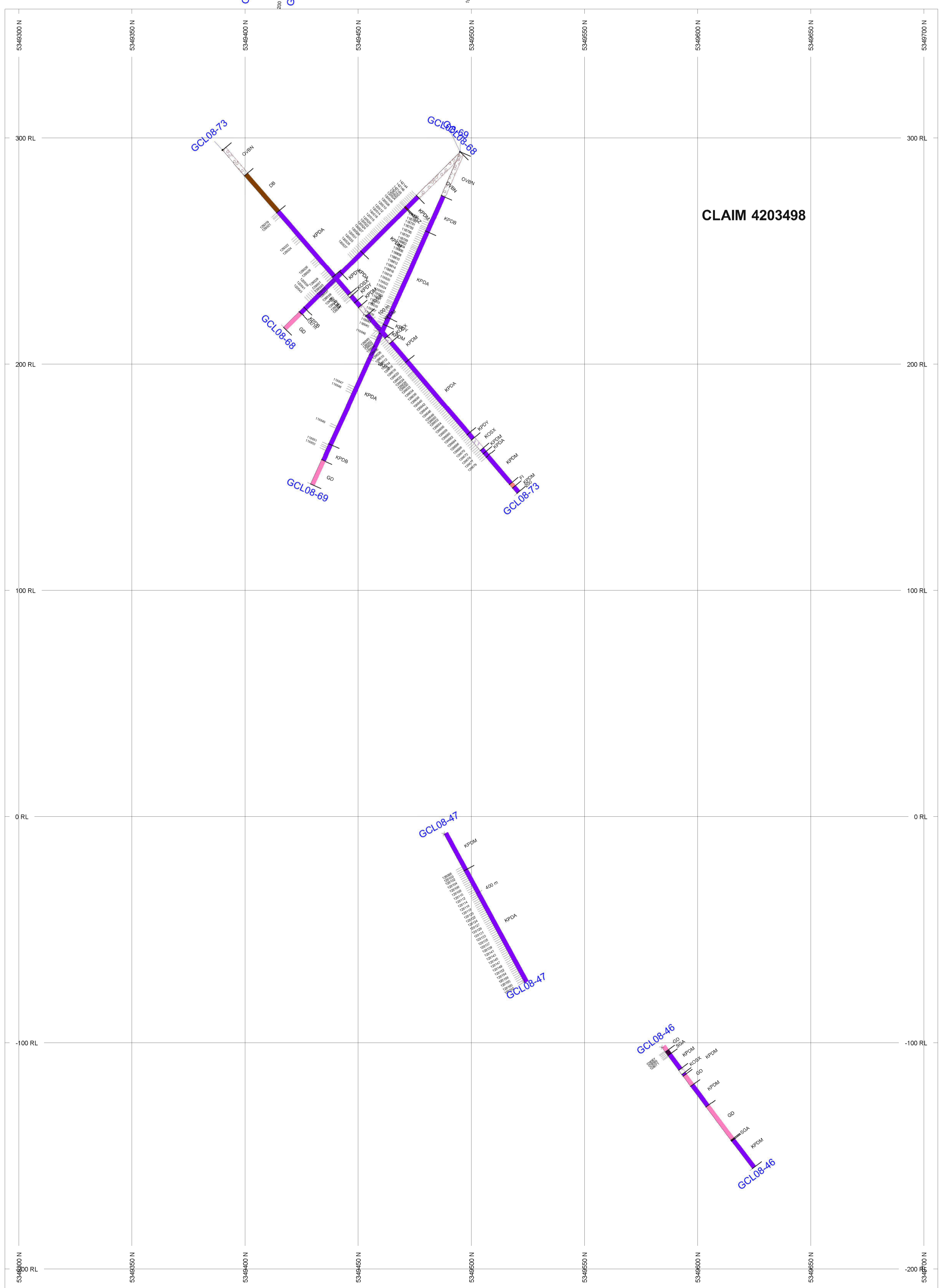
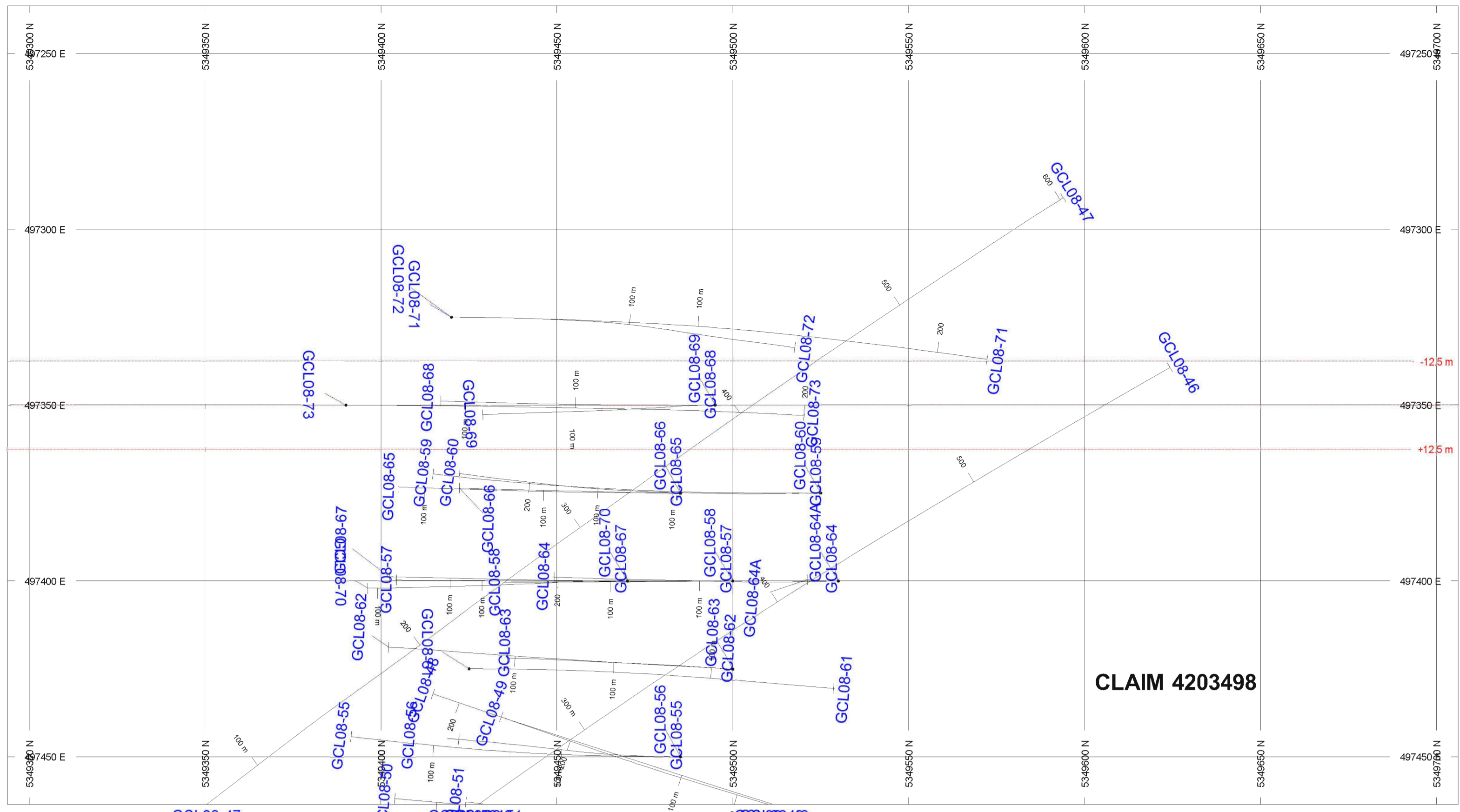
**SECTION LOOKING WEST**

| ROCK CODES | PAT                | LABEL | DESCRIPTION                              |
|------------|--------------------|-------|------------------------------------------|
| GB         | [Blue Box]         | GB    | gabbaro                                  |
| GD         | [Pink Box]         | GD    | granodiorite                             |
| ID         | [Light Blue Box]   | ID    | intermediate dyke                        |
| KPDY       | [Purple Box]       | KPDY  | Komatitic Peridotite Amygduloidal        |
| KOSX       | [Light Purple Box] | KOSX  | komatitic spinifex peridotite            |
| KPDA       | [Dark Purple Box]  | KPDA  | komatitic peridotite acumulate           |
| KPDB       | [Light Purple Box] | KPDB  | komatitic peridotite - brecciated        |
| KPDP       | [Dark Purple Box]  | KPDP  | komatitic peridotite graphitic pepperite |
| KPDM       | [Light Purple Box] | KPDM  | komatitic peridotite mesocumulate        |
| KPDS       | [Dark Purple Box]  | KPDS  | komatitic peridotite sheared             |
| MD         | [Light Purple Box] | MD    | mafic dyke                               |
| MI         | [Dark Purple Box]  | MI    | mafic intrusive (undifferentiated)       |
| OVBN       | [Light Purple Box] | OVBN  | overburden                               |
| SGA        | [Dark Purple Box]  | SGA   | graphitic argillite                      |

| POSTED TEXT | L/R | TEXT  | ITEMS |
|-------------|-----|-------|-------|
| Sample Code | L   | ----- | All   |
|             | R   | ----- | All   |

**SECTION SPECS:**  
 REF. PT. E, N 497375 m 5349500 m  
 EXTENTS 412.3 m 567.9 m  
 SECTION TOP, BOT 357 m -210.9 m  
 TOLERANCE +/- 12.5 m



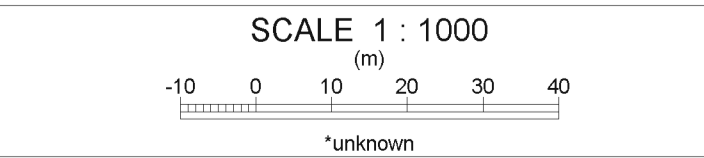


**SECTION LOOKING WEST**

| ROCK CODES | PAT       | LABEL | DESCRIPTION                              |
|------------|-----------|-------|------------------------------------------|
| DB         | [Pattern] | DB    | diabase                                  |
| FI         | [Pattern] | FI    | felsic intrusive (undifferentiated)      |
| GB         | [Pattern] | GB    | gabro                                    |
| GD         | [Pattern] | GD    | granodiorite                             |
| ID         | [Pattern] | ID    | intermediate dyke                        |
| KPDY       | [Pattern] | KPDY  | Komatitic Peridotite Amygduloidal        |
| KDSX       | [Pattern] | KDSX  | komatitic spinifex peridotite            |
| KPDA       | [Pattern] | KPDA  | komatitic peridotite acumulate           |
| KPDB       | [Pattern] | KPDB  | komatitic peridotite - brecciated        |
| KPDP       | [Pattern] | KPDP  | komatitic peridotite graphitic pepperite |
| KPDM       | [Pattern] | KPDM  | komatitic peridotite mesocumulate        |
| KPDS       | [Pattern] | KPDS  | komatitic peridotite sheared             |
| MI         | [Pattern] | MI    | mafic intrusive (undifferentiated)       |
| MSZ        | [Pattern] | MSZ   | massive sulphide zone                    |
| OVBN       | [Pattern] | OVBN  | overburden                               |
| SGA        | [Pattern] | SGA   | graphitic argillite                      |

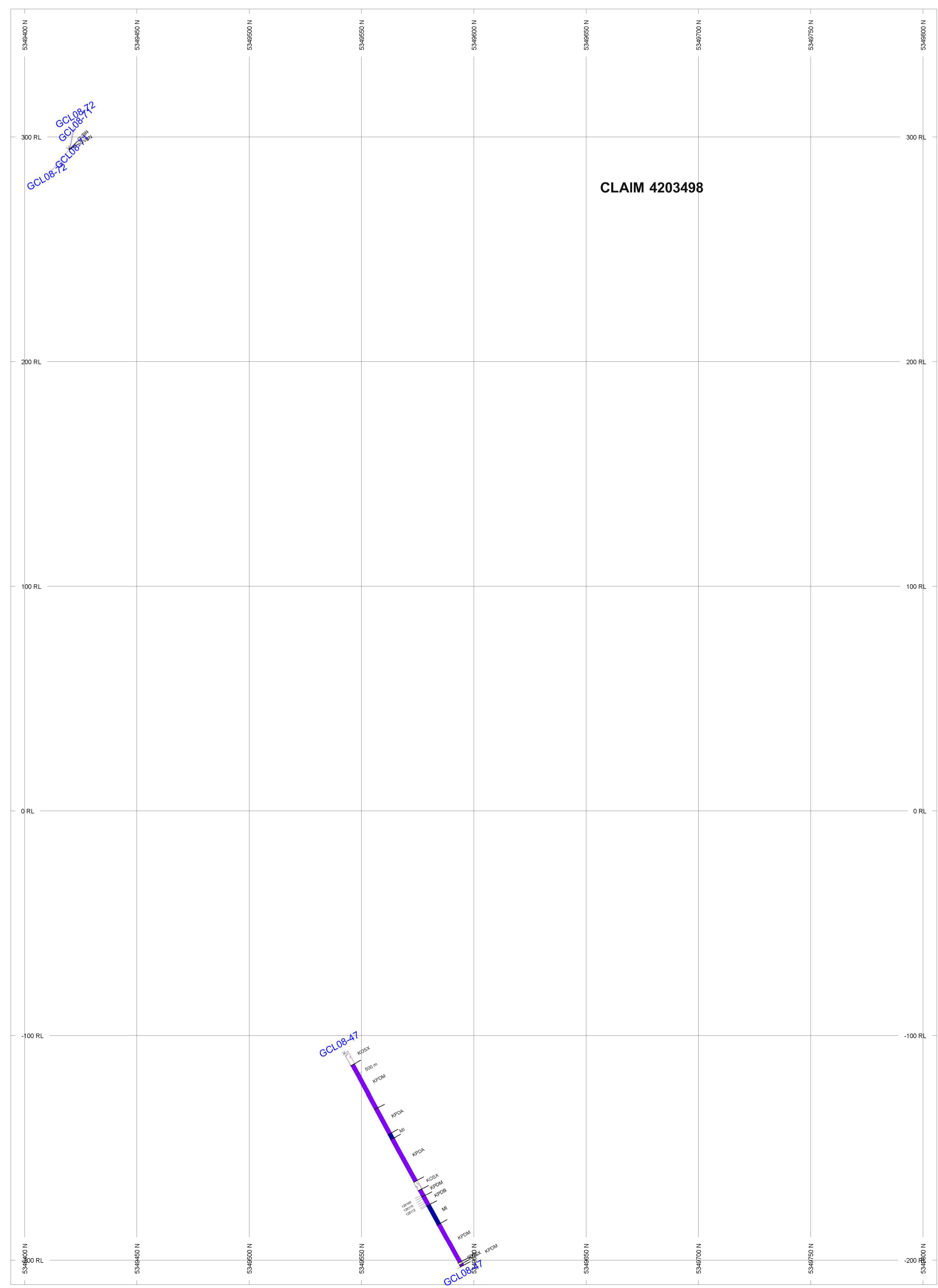
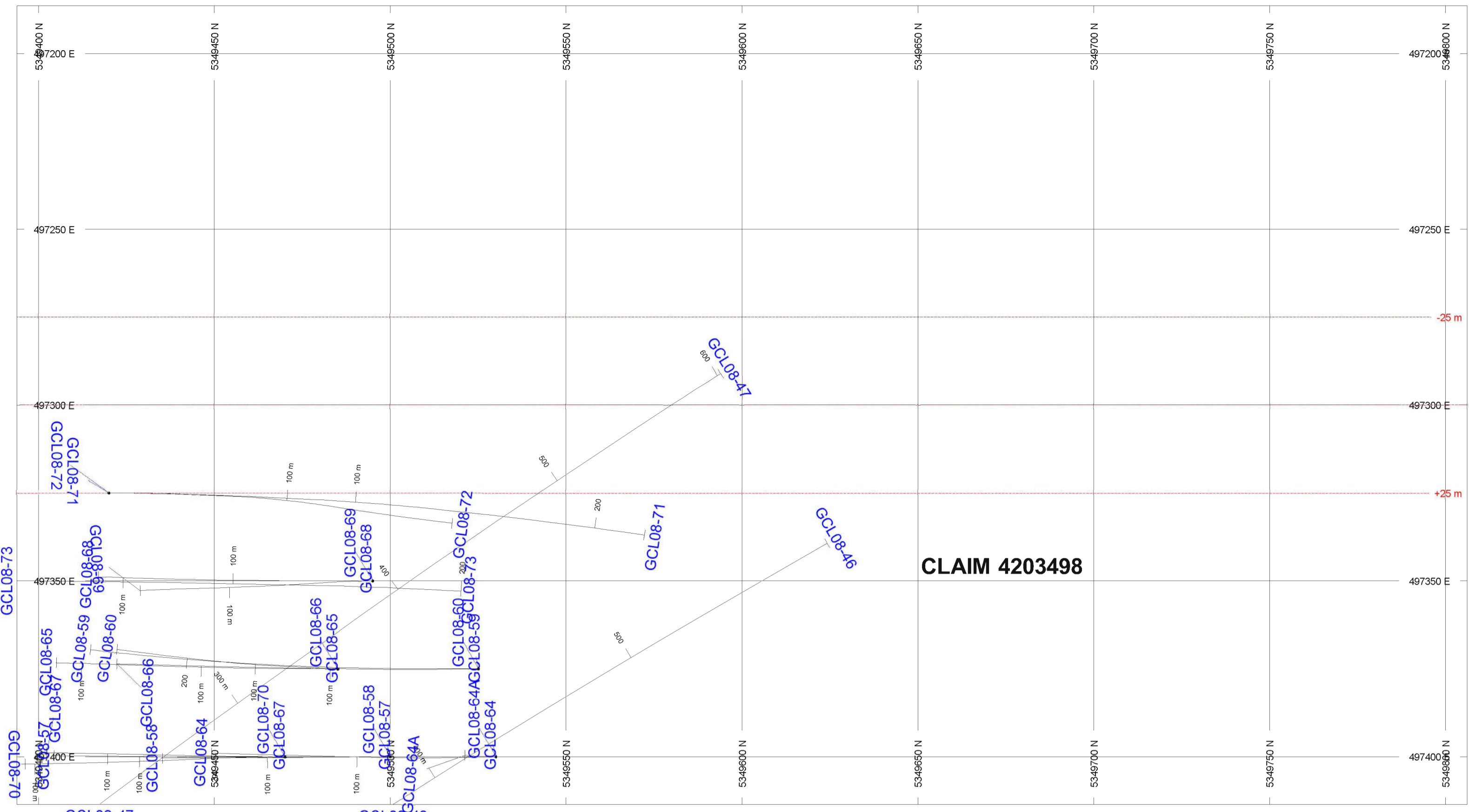
POSTED TEXT L/R TEXT ITEMS  
 Sample L ----- All  
 Code R ----- All

**SECTION SPECS:**  
 REF. PT. E, N 497350 m 5348500 m  
 EXTENTS 412.3 m 567.9 m  
 SECTION TOP, BOT 357 m -210.9 m  
 TOLERANCE +/- 12.5 m







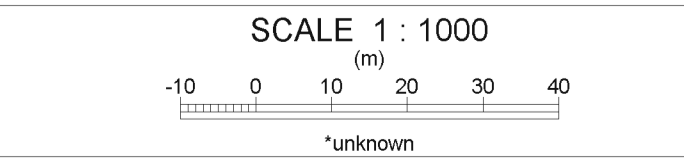


**SECTION LOOKING WEST**

| ROCK CODES | PAT | LABEL | DESCRIPTION                               |
|------------|-----|-------|-------------------------------------------|
| Code       |     |       |                                           |
|            |     | DB    | diabase                                   |
|            |     | GB    | gabro                                     |
|            |     | GD    | granodiorite                              |
|            |     | KOSX  | komatiitic spinifex peridotite            |
|            |     | KPDA  | komatiitic peridotite adcumulate          |
|            |     | KPDB  | komatiitic peridotite - brecciated        |
|            |     | KPDP  | komatiitic peridotite graphitic pepperite |
|            |     | KPDM  | komatiitic peridotite mesocumulate        |
|            |     | KPX   | komatiitic pyroxenite                     |
|            |     | MD    | mafic dyke                                |
|            |     | MI    | mafic intrusive (undifferentiated)        |
|            |     | OVBN  | overburden                                |
|            |     | SGA   | graphitic argillite                       |

| POSTED TEXT | L/R | TEXT  | ITEMS |
|-------------|-----|-------|-------|
| Sample Code | L   | ----- | All   |
|             | R   | ----- | All   |

**SECTION SPECS:**  
 REF. PT. E, N 497300 m 5349600 m  
 EXTENTS 412.3 m 567.9 m  
 SECTION TOP, BOT 357 m -210.9 m  
 TOLERANCE +/- 25 m





| ROCK CODES | PAT  | LABEL | DESCRIPTION                        |
|------------|------|-------|------------------------------------|
| Code       | GD   | GD    | granodiorite                       |
|            | ID   | ID    | intermediate dyke                  |
|            | KOSX | KOSX  | komatiitic spinifex peridotite     |
|            | KPDB | KPDB  | komatiitic peridotite - brecciated |
|            | KPDM | KPDM  | komatiitic peridotite mesocumulate |
|            | KPDS | KPDS  | komatiitic peridotite sheared      |
|            | OVBN | OVBN  | overburden                         |
|            | SGA  | SGA   | graphitic argillite                |

| POSTED TEXT | L/R | TEXT  | ITEMS |
|-------------|-----|-------|-------|
| Sample      | L   | ----- | All   |
| Code        | R   | ----- | All   |

**SECTION SPECS:**

|                  |          |           |
|------------------|----------|-----------|
| REF. PT. E, N    | 497550 m | 5349500 m |
| EXTENTS          | 705 m    | 358.8 m   |
| SECTION TOP, BOT | 336.1 m  | -22.71 m  |
| TOLERANCE +/-    |          | 37.5 m    |

