REPORT OF THE
2007 DIAMOND DRILLING
ON THE
LANGMUIR PROPERTY
PORCUPINE MINING DIVISION,
NORTHEASTERN ONTARIO
of
GOLDEN CHALICE RESOURCES INC



NTS: 42 A 6/7 February 1, 2008

J Kevin Montgomery, P. Geo.



SUMMARY

The Langmuir Property, held by Golden Chalice Resources Inc., is situated 30 km southwest of Timmins, Ontario. It is comprised of 74 contiguous unpatented mining claims (13,761 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 statigraphy 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.

On March 10 2007, a first phase of drilling designed to test the VTEM clusters commenced. This first phase diamond drilling program consisted of eight holes totalling 2,374 metres and was completed on 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

Analytical results from drill core sampling returned for the most part background metal values (Au, Pt, Pd, Ag, Cu, Ni, Zn and Pb). Hole GCL07-01did however cut a weakly sulphidic adcumulate peridotite flow that returned an anomalous nickel zone of 0.19% Ni over 6 m. In addition, this hole intersected massive sulphide bands from 125.4 m to 131 m down hole, which were anomalous in zinc, copper and gold. Further exploration work is recommended in the area of hole GCL07-01.



TABLE OF CONTENTS

Introduction Location and Access Property Description Regional and Property Geology Previous Exploration Work Discussion of Core Drilling Conclusions and Recommendations References Certificate of Qualifications	Page No. 1 1 5 7 8 12 13 14
List of Figures	
Figure 1 Location Map Figure 2 Southeast Timmins Regional Geology Map Figure 3 Drill Hole Location Map	4 6 10
List of Appendices	
APPENDIX A Drill Hole Logs APPENDIX B Assay Certificates APPENDIX C Summary of Expenditures	15
List of Sections (in back pocket)	

DDH GCL07-01, DDH GCL07-02, DDH GCL07-03, DDH GCL07-04, DDH GCL07-05, DDH GCL07-07, DDH GCL07-08, and DDH GCL07-09.



INTRODUCTION

The Langmuir Property is comprised of 74 contiguous unpatented mining claims (851 units) covering approximately 13,761 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 2007 spring diamond drilling program on the Langmuir Property. It was carried out from March 10 to May 28, 2007 to investigate several VTEM conductors within ultramafic volcanic stratigraphy in southern Langmuir Township. The co-ordination and implementation of the various technical tasks was conducted by K. Montgomery, G Sparling, D. Bryant and G. Ross, 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 (851 claim units) in Blackstock, Carman, Cody, Eldorado, Fallon, Langmuir, Macklem and Thomas Townships. It is approximately 13,761 hectares in size and owned 100% by Golden Chalice Resources.

Table 1 Langmuir Property Claim Listing

		openty chamit				
Twp	Claim	Rec Date	Due Date	Work req	No. units	Size
BLACKSTOCK	4201285	2005-Nov-01	2008-Nov-01	\$3,200	8	129.36
BLACKSTOCK	4201286	2005-Nov-01	2008-Nov-01	\$6,400	16	258.72
BLACKSTOCK	4201287	2005-Nov-01	2008-Nov-01	\$6,400	16	258.72
BLACKSTOCK	4201288	2005-Nov-01	2008-Nov-01	\$6,400	16	258.72
BLACKSTOCK	4220195	2007-May-22	2009-May-22	\$6,400	16	258.72
BLACKSTOCK	4220196	2007-May-22	2009-May-22	\$6,400	16	258.72



CARMAN	4220198	2007-Jun-12	2009-Jun-12	\$800	2	32.34
CARMAN	4220201	2007-May-22	2009-May-22	\$4,400	11	177.87
CARMAN	4220204	2007-May-22	2009-May-22	\$6,400	16	258.72
CARMAN	4220205	2007-May-22	2009-May-22	\$6,400	16	258.72
CARMAN	4220206	2007-May-22	2009-May-22	\$6,000	15	242.55
CARMAN	4220207	2007-May-22	2009-May-22	\$4,800	12	194.04
CARMAN	4220208	2007-May-22	2009-May-22	\$5,600	14	226.38
CARMAN	4220209	2007-May-22	2009-May-22	\$4,800	12	194.04
CARMAN	4220211	2007-May-22	2009-May-22	\$6,400	16	258.72
CARMAN	4220212	2007-May-22	2009-May-22	\$6,400	16	258.72
CARMAN	4220213	2007-May-22	2009-May-22	\$6,400	16	258.72
CARMAN	4220214	2007-May-22	2009-May-22	\$6,400	16	258.72
CARMAN	4220215	2007-May-22	2009-May-22	\$6,400	16	258.72
CARMAN	4220216	2007-May-22	2009-May-22	\$6,400	16	258.72
ELDORADO	4201267	2006-Feb-15	2008-Feb-15	\$6,400	16	258.72
ELDORADO	4201268	2006-Feb-15	2008-Feb-15	\$6,400	16	258.72
ELDORADO	4201269	2006-Feb-15	2008-Feb-15	\$6,400	16	258.72
ELDORADO	4201270	2006-Feb-15	2008-Feb-15	\$2,400	6	97.02
ELDORADO	4201271	2006-Feb-15	2008-Feb-15	\$6,000	15	242.55
ELDORADO	4201274	2006-Feb-15	2008-Feb-15	\$6,400	16	258.72
ELDORADO	4201275	2005-Nov-01	2008-Nov-01	\$6,400	16	258.72
FALLON	4201280	2005-Nov-01	2008-Nov-01	\$1,600	4	64.68
LANGMUIR	3013180	2005-Jul-18	2008-Jul-18	\$400	1	16.17
LANGMUIR	3013181	2005-Jul-18	2008-Jul-18	\$400	1	16.17
LANGMUIR	3013182	2005-Jul-18	2008-Jul-18	\$6,400	16	258.72
LANGMUIR	3013183	2005-Jul-18	2008-Jul-18	\$6,400	16	258.72
LANGMUIR	3013184	2005-Jul-18	2008-Jul-18	\$4,800	12	194.04
LANGMUIR	3013185	2005-Jul-18	2008-Jul-18	\$6,400	16	258.72
LANGMUIR	3015576	2005-Jul-18	2008-Jul-18	\$2,000	5	80.85
LANGMUIR	3017517	2004-May-03	2009-May-03	\$1,600	4	64.68
LANGMUIR	3017518	2004-May-03	2009-May-03	\$4,400	11	177.87
LANGMUIR	3018143	2005-Jul-18	2008-Jul-18	\$5,200	13	210.21
LANGMUIR	4201276	2005-Nov-01	2008-Nov-01	\$6,400	16	258.72
LANGMUIR	4201277	2005-Nov-01	2008-Nov-01	\$4,000	10	161.7
LANGMUIR	4201278	2005-Nov-01	2008-Nov-01	\$1,600	4	64.68
LANGMUIR	4201279	2005-Nov-01	2008-Nov-01	\$4,000	10	161.7
LANGMUIR	4201281	2005-Nov-01	2008-Nov-01	\$800	2	32.34
LANGMUIR	4201282	2005-Nov-01	2008-Nov-01	\$4,000	10	161.7
LANGMUIR	4201283	2005-Nov-01	2008-Nov-01	\$4,800	12	194.04



LANGMUIR	4201284	2005-Nov-01	2008-Nov-01	\$4,800	12	194.04
LANGMUIR	4201289	2005-Nov-01	2008-Nov-01	\$6,400	16	258.72
LANGMUIR	4201290	2005-Nov-01	2008-Nov-01	\$1,600	4	64.68
LANGMUIR	4202744	2005-Jun-06	2008-Jun-06	\$800	2	32.34
LANGMUIR	4202748	2005-Jul-18	2008-Jul-18	\$4,400	11	177.87
LANGMUIR	4202814	2005-Jun-06	2008-Jun-06	\$400	1	16.17
LANGMUIR	4202815	2005-Jun-06	2008-Jun-06	\$1,600	4	64.68
LANGMUIR	4202816	2005-Jun-06	2008-Jun-06	\$3,200	8	129.36
LANGMUIR	4203498	2005-Jul-18	2008-Jul-18	\$3,200	8	129.36
LANGMUIR	4203563	2005-Feb-08	2008-Feb-08	\$2,000	5	80.85
LANGMUIR	4203564	2005-Feb-08	2008-Feb-08	\$6,000	15	242.55
LANGMUIR	4203567	2005-Feb-08	2009-Feb-08	\$6,400	16	258.72
LANGMUIR	4203568	2005-Feb-08	2009-Feb-08	\$3,200	8	129.36
LANGMUIR	4203569	2005-Feb-08	2009-Feb-08	\$3,200	8	129.36
LANGMUIR	4203570	2005-Feb-08	2009-Feb-08	\$400	1	16.17
LANGMUIR	4203571	2005-Feb-08	2009-Feb-08	\$6,400	16	258.72
LANGMUIR	4207038	2005-Jul-18	2008-Jul-18	\$1,600	4	64.68
LANGMUIR	4220197	2007-May-22	2009-May-22	\$1,200	3	48.51
LANGMUIR	4220210	2007-May-22	2009-May-22	\$4,800	12	194.04
THOMAS	4220191	2007-May-22	2009-May-22	\$6,400	16	258.72
THOMAS	4220192	2007-May-22	2009-May-22	\$6,400	16	258.72
THOMAS	4220193	2007-May-22	2009-May-22	\$6,400	16	258.72
THOMAS	4220194	2007-May-22	2009-May-22	\$6,400	16	258.72
THOMAS	4220219	2007-May-22	2009-May-22	\$6,400	16	258.72
THOMAS	4220220	2007-May-22	2009-May-22	\$6,400	16	258.72
CODY	4220202	2007-May-22	2009-May-22	\$3,200	8	129.36
CODY	4220203	2007-May-22	2009-May-22	\$6,400	16	258.72
CODY	4220217	2007-May-22	2009-May-22	\$6,400	16	258.72
MACKLEM	4220218	2007-May-22	2009-May-22	\$6,000	15	242.55
			TOTAL	\$340,400	851	13760.67

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 (Caldbick, 2007).



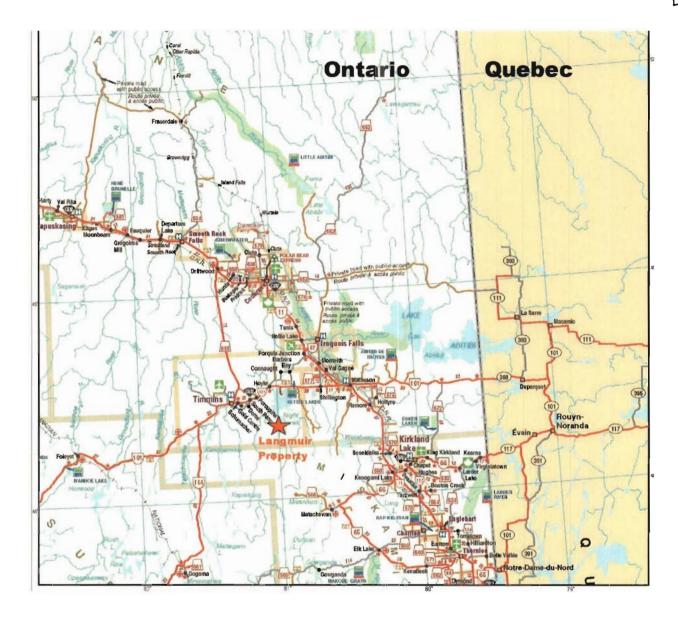


Figure 1 Location Map

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 tholeitic 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 tholeiltic basalts. In the south, the northwest trending anticlina 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. One of which the Redstone deposit is currently being mined by Liberty Mines.



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 (Figure 3). 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 statigraphy 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)

DISCUSSION OF CORE DRILLING

A diamond drilling program consisting of eight holes totalling 2,374 metres was completed on the Langmuir Property from March 10 to May 28, 2007. The diamond drilling program was carried out by Norex Drilling of Timmins. The purpose of the drilling program was to test several airborne VTEM conductors to determine whether the conductors where caused by sulphide mineralization. Holes 1 to 5 were drilled west of the Nighthawk River while holes 7 to 9 were drilled east of the Nighthawk River, in southern Langmuir Township (see Figure 3).

A brief summary of each hole drilled is outlined below. Detail drill logs for each hole are found in Appendix A. Sulphide mineralization encountered in the drill holes was sampled and sent for analysis to Laboratoire Expert Inc. in Rouyn-Noranda, Quebec. The following elements were analyzed Au, Pt, Pd, Ag, Cu, Ni, Zn and Pb by aqua regia digestion with atomic absorption techniques. A rigorous quality assurance program is employed which includes the insertion of standards and blanks for each batch of samples. Complete analytical results are listed on the certificates of analysis in Appendix B.

Hole GCL07-01 The hole intersected predominantly magnetic komatiitic peridotite flows with the upper part (8.8-38.1 m) being komatiitic pyroxenite flows. Sulphide mineralization consisting of 5% brown pyrrhotite disseminations to local blebs and local massive pyrrhotite-pyrite bands was encountered in the peridotite flows from 125.4 m to 131 m down hole. The massive sulphide bands returned anomalous zinc values of 6387 and 9703 ppm Zn. The later massive sulphide band from 130.15-130.25 m down hole, was also anomalous in cooper (598 ppb) and gold (160 ppb). The highest copper value from the hole was 1148 ppm over 1 m (169-170 m) from a chalcopyrite-pyrrhotite stringer within that section. An anomalous nickel zone of 0.19% Ni over 6 m was returned from the hole. This occurs from 90.9 to 96.9 m down hole within a weakly sulphidic adcumulate peridotite flow.

Several black to silver aphanitic graphite zones with very fine-grained pyrrhotite disseminations to local blebs were intersected from 147 to 180 m. The graphite zones and/or the massive sulphide bands are the cause of the VTEM conductor.

Hole GCL07-02 The hole intersected magnetic komatiitic peridotite flows with a pyroxenite flow section at 139.9 to 155 m. The peridotites are intruded by small granodiorite or felsic intrusive dykes. Three fault zones occur in the hole at 173.3-174.5 236-236.6 and 240-242 m. The later two lie directly below the axis of the VTEM conductor



and could be possibly the cause of the conductor as clay gouge was present in the faults. Only very weak sulphide mineralization was encountered in the hole. Analytical results from the hole were all background metal values.

Hole GCL07-03 The hole intersected weak to moderately magnetic komatilitic peridotite flows that have been weak to moderately silicified. The hole encountered numerous thin spinifex textured horizons (typically 0.5 m core lengths) indicating the sequence consists of several thin flow units. The upper portion of the hole is cut by a diabase dyke. Below the peridotites at the end of the hole (295-326m) a komatilitic pyroxenite flow section was intersected. Only four drill core samples were taken from the hole as no significant sulphide mineralization was encountered. These samples returned background metal values.

Hole GCL07-04 The hole intersected weakly magnetic mesocumulate komatiitic peridotite flows down to 238.8 m. The upper portion is a massive thick flow with the first spinifex textured flows appearing at 167.47 m down hole. A gabbro dyke intrudes the peridotite flows from 100.5 to 117.2 m down hole. In addition the peridotite flows are moderately serpentinized below 138.7 m. The remainder of the hole (below 238.8 m) is large feldspar porphyry intrusive with peridotite flow selvages, up to 3 m in core length. Graphitic sedimentary horizons that are part of the peridotite flow tops occur at 176-179, 201-238 m. These are the cause of the VTEM conductor. Flow tops are uphole (southerly). Local sections of 0.5% pyrrhotite or pyrite sometimes up to 2% were intersected by the hole. Analytical results from these sections returned background metal values.

Hole GCL07-05 The hole intersected weakly magnetic spinifex textured komatiitic peridotite flows with numerous graphitic horizons. The flows are intruded by a biotitic mafic intrusive from 57.4 to 67.7 m. The hole terminated within a mafic dyke (253.3 to 260 m) which becomes increasingly feldspar porphyritic with depth. Graphitic sedimentary horizons that are part of the peridotite flow tops occur at 108-111, 146-164 and 173-176 m. These are the cause of the VTEM conductor. Flow tops are uphole (southerly). Only one drill core sample was taken from the hole as no significant sulphide mineralization was encountered. This sample returned background metal values.

Hole GCL07-07 The hole intersected magnetic adcumulate komatiitic peridotite flows that are cut by a mafic dyke from 238.6 to 241.10 m. Trace to 0.5% pyrrhotite and chalcopyrite occurs within microfractures from 225.2 to 231 m down hole. Assay results from this mineralization returned background metal values. Fault gouge zones also occur from 267 to 269 m.

Hole GCL07-08 The hole intersected weakly magnetic adcumulate to mesocumulate komatiitic peridotite flows. The upper portion is a massive thick flow with the first spinifex textured flows appearing at 166.3 m down hole. Graphitic sedimentary horizons that are part of the peridotite flow tops occur at 196.2-197.2, 200.1-203.2 and 215.8-218.8 m.



Langmuir 2007 Assessment Report



Figure 3 Drill Hole Location Map Langmuir Proper 4202748 GCL07-09 GCL07-04 GCL07-05 GCL07-03 GCL07-08 3017518 GCL07-07 GCL07-01 4203563 GCL07-02 Langmuir Twp.

Langmuir 2007 Assessment Report

These are the cause of the VTEM conductor. The peridotite flows are also cut by narrow intermediate intrusive dykes at 228-229.2, 237.1-240.6 and 312.5-318.3 m. Four sulphide mineralized sections consisting of 0.5-3% pyrrhotite or pyrite disseminations occur at 154.4-157.5, 195.2-198, 200-203.2 and 214.8-218.8 m. Two of these mineralized sections returned anomalous zinc values: 2206 ppm Zn over 2 m (200.1-202.1 m) and 2045 ppm Zn over 2 m (215.8-217.8 m). In addition a third spot in the hole returned 1.1% Zn over 1 m from 68.6 to 69.6 m down hole. All three anomalous zinc sections are a result of sphalerite within sulphide stringers to fracture fillings.

Hole GCL07-09 The hole intersected weakly magnetic komatiitic peridotite flows intruded by numerous narrow granodiorite to granite dykes with a larger granodiorite intrusive body from 151.6 to 227.6 m. Only very weak sulphide mineralization was encountered in the hole. Analytical results from the hole were all background metal values.

Table 2 Drill Hole Summary Langmuir Property

Drill Hole	Easting	Northing	Dip	Azimuth	Length	Cause of VTEM conductor
GCL07-01	500094	5348163	-55	325	251	127-130 m Massive sulph bands
						147-180 m Several graph zones
GCL07-02	500598	5347683	-55	145	305	240-242 Fault zone ?
GCL07-03	499025	5349193	-55	325	326	unexplained by hole
GCL07-04	498137	5349441	-55	325	302	Graphitic sed units 176-179 and
					_	201-238 m.
GCL07-05	497229	5349380	-50	340	260	Graphitic sed units 108-111, 146-164
						and 173-176 m.
GCL07-07	500762	5348373	-55	325	302	unexplained by hole
GCL07-08	500738	5349080	-55	325	326	Graphitic sed units 196-197, 200-203
						and 215.8-218.8 m.
GCL07-09	500191	5349346	-55	325	302	unexplained by hole

Sections for these holes are found in the map pockets at the back of this report.

The drill core from the drilling program is currently stored at the Moneta Porcupine Mines Field office located on Highway 655, in Timmins, Ontario.



CONCLUSION AND RECOMMENDATIONS

The 2007 Spring diamond drilling program tested eight of the 18 outlined airborne VTEM anomaly clusters, on the Langmuir Property. The geological cause of three of the eight selected VTEM conductors was not explained by the diamond drilling. The geophysical processing and target selection of these three VTEM conductors will need to be reviewed to determine whether further diamond drilling is required on them.

The diamond drilling program did not intersect significant metallic mineralization (Au, Pt, Pd, Ag, Cu, Ni, Zn and Pb). Hole GCL07-01did however cut a weakly sulphidic adcumulate peridotite flow that returned an anomalous nickel zone of 0.19% Ni over 6 m. In addition, this hole intersected 5% brown pyrrhotite disseminations to local blebs and local massive pyrrhotite-pyrite bands in peridotite flows from 125.4 m to 131 m down hole. The massive sulphide bands were anomalous in zinc, copper and gold. Further exploration work is recommended in the area of hole GCL07-01.

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. The zone occurs within an altered peridotitic komatiitic flow. Nickel mineralization is associated with disseminated, fracture filling, and blebs of sulphides throughout the 72.50 metre core length. Higher values of up to 5.7% nickel occur when sulphide concentrations increase to 30 or 35%.

There are at least ten more VTEM airborne anomaly clusters on the Langmuir Property that cannot be explained by surface geology. These should definitely be drilled in light of Golden Chalice Resources nickel discovery on the Langmuir Property.



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Ploeger, J.

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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 of the core drilling program on the Langmuir Property in 2007.
- (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 first day of February, 2008.

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

Meni Mantycery



APPENDIX A DRILL HOLE LOGS



Date: 30 Jan, 2008 GOLDEN CHALICE RESOURCESS INC. Page: 1 of 7 Northing: 8163 DRILL HOLE RECORD Drill Hole: GCL07-01 Easting: 45 Elevation: 0 *** Dip Tests *** Project: Langmuir VTEM Depth Azi. Dip Property: Langmuir Collar Azi.: 325.0 Claim: 3017518 Collar Dip: -55.0 26 325.0 -53.3 Northing: N/A 77 327.6 -53.2 Easting: N/A 128 326.4 -53.2 GPS Northing: 5348163 Hole length: 251.00 179 324.5 -53.1 500045 GPS Easting: Units: Metric 230 329.0 -53.3 Date Started: March 12, 2007 Core size: NQ 251 328.7 ~53.5 Date completed: March 15,2007 Grid: Drilled by: Norex Sample type: Cut Core Materials left: Casing Analyses: PM 30g FA, BM AA Collar survey: Lab: Expert DH Survey method: Reflex Sample series: 88751-811 Lab report: 17619/620 Comments:

Logged by: G. Sparling Date(s) logged: March 13-19,2007

Purpose: Test VTEM

Core storage: Moneta Facility Timmins

;	somble	Some	land
		0.50	

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
.00	8.80	OVERBURDEN													
8.80	25.60	ULTRAMAFIC VOLCANIC Dark grey to dark green black, pyroxinitic flow, medium grained massive. Weak to moderately magnetic throughout, very weak ankerite-dolomite alteration?, weak patchy serpentine. Scattered quartz carbonate (ankerite?) stringers no wider than 2cm and generally oriented at 60-70 degrees to core axis. Trace coarse grained pyrite on fractures with 0.5%-1% pyrrhotite on fractures. Serpentine, chlorite and rare calcite fracture filling, fracture generally at 60-70 degrees to core axis, trace coarse pyrite on fractures, minor broken sections of core. 16.5m minor 2cm fault gouge.	88752 88753 88754 88755 88756	11.00 12.00 13.00 14.00 15.00 16.00	12.00 13.00 14.00 15.00 16.00 17.00	1.00 1.00 1.00 1.00	<5 <5 <5 <5	20 6 8		<.2 .2 <.2 <.2	77	571 529 690 614 553 694	19 25 20 22 19 21	19 15 15 15	53 55 55 49
		21.40 25.60 Increasing broken core with depth, up to 1% pyrrhotite (magnetic) on fracture with rare disseminated sections in matrix. Sharp lower contact at 65 degrees to core axis.	88757 88758 88759 88760 88761 88762 88763 88764 88765	17.00 18.00 19.00 20.00 21.00 22.00 22.90 23.80 24.70	18.00 19.00 20.00 21.00 22.00 23.80 24.70 25.60	1.00 1.00 1.00 1.00 .90 .90	5 <5 <5 <5 <5 <5	7 7 8 10 9 8	8 6 6	<.2 <.2 .3 <.2 .2 .2 .2 .2 .2 .2		571 707 970 846 838	21 26 21 22 22 22 20	19 17 18 15 18 17	55 50 56 66 66

From	То	Geology	Sample	From	To	L	Au	Pt	Pd	Αq	Cu	Ni	Zn	Pb	Со
(m)	(m)		Jamp10	(m)	(m)	(m)	ppb			ppm		ppm	ppm		
25.60	26.60	FLOW-TOP BRECCIA Brown to grey, intermediate dyke?, medium grained, weak spinifex texture, hard, weak local magnetism. Weakly silicified, trace to 0.5% pyrite and pyrrhotite in matrix, stringers and on fractures. Serpentine and chlorite fracture filling, rare variable angled calcite stringers at 20 and 65 tca. Sharp lower contact at 65 degrees to core axis.		25.60	26.60	1.00	<5	<5	<5	<.2	220	48	81.	32	37
26.60	38.10	ULTRAMAFIC VOLCANIC Dark grey to green, pyroxenite flow, massive, homogeneous, hard, moderately magnetic. Weak carbonate alteration (ankerite?), sporadic irregular quartz-serpentine-carbonate stringers. Trace to 0.5% pyrite in matrix and on fractures, 2-3% pyrrhotite on fractures. Fracture filling composed generally of serpentine with local chlorite, minor local fractured sections, maybe 5%. Sharp lower contact at 35 degrees to core axis. 29.60 30.10 Bracket sample. 30.10 30.60 1% pyrrhotite on fractures. 30.60 31.10 Bracket sample. 32.80 33.30 Bracket sample. 33.30 34.30 38 pyrrhotite on fractures. 34.30 34.80 Bracket sample.		29.60 30.10 30.60 32.80 33.30	30.10 30.60 31.10 33.30 34.30	.50 .50, .50 .50	< 5 < 5 < 5 < 5 < 5	<5; <5; 10 9 8	<5 <5 7 9 10	<.2 <.2 <.2 <.2	69 47 66 40 43	1077 1054 1088 617 871		20 19 19 18	59 67 69 50 59 65
38.10	38.40	FLOW-TOP BRECCIA Brown to grey flow top breccia with sharp contacts, dyke?, medium grained, very weak patchy magnetism. Weak 35 degrees to core axis foliation, carbonate-serpentine alteration?, trace pyrite, serpentine-chlorite fracture filling Rare cross cutting calcite stringers at 75 degrees to core axis, 40 degrees to core axis serpentine-carbonate stringer?. Lower contact at 35 tca.													
38.40	41.60	ULTRAMAFIC VOLCANIC Dark grey to green, medium grained, pyroxenite flow, random to platy spinifex texture, trace pyrite. Very minor serpentine fracture filling, random serpentine-carbonate stringers, minor local broken core. 38.40 39.40 Random olivine spinifex texture. 39.40 41.60 Platy olivine spinifex texture. Lower contact at 55 degrees to core axis.	1 1												
41.60	62.40	ULTRAMAFIC VOLCANIC Dark black to grey, medium grained, massive, very weak local serpentine alteration, peridotite flow. Adcumulative to mesocumulative, trace pyrite with sections up to 0.5% on fracture, 1-2% pyrrhotite on fractures. Generally serpentine-calcite fracture filling with rare													

-	_								/				_		
From	То	Geology	Sample	From	То	L	Au	Pt	Pd	Aq	Cu	Ní	Zn	Pb	Co
(m)	(m)			(m)	(m)	(m)	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm
1 1		ablas/bass at the same and	1 1											1 1	
		chlorite, minor broken core sections.	1 1												
1		Calcite-serpentine-carbonate stringers at various angles 20,							l					1	
		40 and 60 tca.	1 1												
		48.00 49.00 Bracket sample.	88774	48.00	49.00	1.00	<5	9	9	<.2	81	813	25	18	64
		49.00 Standard ni 111.											l		
		49.00 50.00 2% pyrrhotite on fractures.	88775	49.00				8	16		2475	4142	42		171
1		50 00 C1 00 Possilist	88776	49.00				<5	<5	.4	87	888			66
1		50.00 51.00 Bracket sample.	88777	50.00	51.00	1.00	< 5	<5	<5	<.2	48	801	20	22	58
		57.00 57.30 Grey-green altered sections, maybe sericite?,	ĺ		1	, 1		!!							
1		sharp contacts?.				1 1		1 1	1	1 1					
1		61.00 61.10 Flow top breccia?.	1										!		
		61.10 62.40 Random olivine spinifex, not typical. Gradual lower contact.			l			1 1					•		
1 1		Gradual lower contact.	1 1										1		ı
62,40	88.10	ULTRAMAFIC VOLCANIC													
52.40	00.10	Grey to black, peridotite flow, mesocumulative, medium						1 1					ľ		ı
1		grained, locally massive.]					1			1 1	1
1 1	1	Greyish color due to pervasive carbonate and possibly													
1 .		tremolite alteration.						1 1					1		l l
ſ	1	Local wispy brown alteration, harder, maybe silicification,	[[ſ			ı					l		·
1 1	1	weak 45 degrees to core axis localized foliation increasing				J									
		occurrence with depth.													
1 1		2-3% Variable angled calcite-carbonate-serpentine stringers at				1 1		ļ ļ	l i	1 ,			i		
1 1		15-25 and 65 degrees to core axis, local calcite veins.			i i	i i							ĺ		i
1		1* Pyrrhotite on fractures, 0.5%-1% fine disseminated pyrite	1					1 1			1 1				
1		on fractures and associated with stringers.							l 1	1 1					
1 1	1	Local sphalerite and galena associated with calcite veining	1 1		1	1 1	1 1	l i	í I	1 1				1 1	l i
1 1	1	and stringers.	1										1		
		68.40 69.40 Bracket sample.	88778	68.40	69.40	1.00	<5	<5	<5	<.2	70	667	19	18	54
		69.00 74.00 Unknown brown alteration, silicified, 0.5%]	1				i l]	
1 1	l í	sphalerite, galena and trace pyrite and pyrrhotite	1 1					li		[1	
1		associated with calcite fracture filling.			[i						l		
		69.40 69.70 Minor calcite veining with carbonate rimming, 1%			l	1 1									
		sphalerite and galena in vein and along contacts.													1
		69.40 69.70 Sphalerite, galena and pyrite in calcite stringer.	88779	69.40			5			.2	122	269			33
		69.70 70.70 Bracket sample, trace pyrrhotite.	88780	69.70	70.70			5	5	.5	150	144			41
		70.70 71.70 0.5% sphalerite and galena on fracture and in	88781	70.70	71.70	1.00	<5	<5	< 5	<.2	136	155	29	24	46
		stringers, trace pyrite and pyrrhotite.	00000	21	7		ارا	_ [_						
		71.70 72.70 Bracket sample, wispy brown alteration with	88782	71.70	72.70	1.00	<5	7	7	<.2	88	148	27	22	37
		altered stringers. 76.70 78.00 Gouge filled fracture section, locally broken,											i		
		possibly mechanical origin.													
		82.30 White quartz-calcite vein (2.5cm) 50 tca.							,	{			Ì		
		84.50 Possible specs of chalcopyrite on fracture.													
		85.20 85.70 Weak spinifex section (5% cony olivine blades in													
		mesocumulate peridotite).	i			i i			i i				Ĭ		
1 1		Gradual lower contact.									i		l		
88.10	108.90	ULTRAMAFIC VOLCANIC									i				
		Dark grey to black, massive fine to medium grained, strongly	1 1												
		magnetic, locally weakly magnetic.													
			<u></u>										l		

												age:	4 01		
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	Ço ppn
		Adcumulative peridotite flow, trace to very minor calcite and quartz-calcite stringers-veinlets except 100.8-104.9m. Weak fracturing, rqd 85-90%, chlorite-serpentine and calcite fracture filling locally, trace to 0.5% pyrite, pyrrhotite, sphalerite and chalcopyrite. Mineralization generally associated with fractures and stringers. 90.90 91.90 Bracket sample. 91.30 White calcite filled fracture (3-5mm) 35 degrees to core axis with very fine grained brassy pyrrhotite. 91.70 White irregular quartz-calcite vein (1cm) with	88783	90.90	91.90	1.00	5	<5	<5	<.2	36	1826	10	27	8:
		pale green yellow wall rock alteration zone about it. 91.90 92.90 Trace pyrite, pyrrhotite and sphalerite on fractures. 92.90 95.50 Mineralization: trace to 0.5% sulphides occurring as pyrite, sphalerite with some gashes to fracture	88784	91.90	92.90	1.00	<5	<5	<5	<.2	35	2000	14.	24	7
		filling. 92.90 93.90 Trace to 0.5% pyrite, sphalerite and pyrrhotite associated with stringers and on fractures.	88785	92.90	93.90	1.00	8	<5	<5	<.2	36	1866	15	35	7
		93.90 94.90 Local minor hematite alteration, trace brassy pyrrhotite, pyrite and sphalerite occurring in stringers and on fractures. 94.15 94.30 Reddish very fine grained moderately pervasive		93.90	94.90	1.00	<5	<5	<5	. 2	47	1665	13	30	8
		hematite alteration. 94.90 95.90 Trace sphalerite, pyrite and pyrrhotite on fractures.	88787	94.90	95.90	1.00	<5	<5	<5	<.2	36	2040	13	27	9
		95.90 96.90 Bracket sample. 100.80 104.90 Alteration: greenish grey, very fine grained, altered section, possibly alteration due to 3-5% irregular white calcite veins to stringers present. Gradual lower contact.		95.90	96.90	1.00	<5	<5	<5	<.2	40	1855	11	30	8
108.90	135.55	ULTRAMAFIC VOLCANIC													İ
		Greyish to black, fine grained, massive, moderately to strongly magnetic, moderately hard to hard. Mesocumulative peridotite flow, calcite, chlorite and serpentine fracture filling locally, trace pyrite and pyrrhotite on fractures. 20% Broken core, 80% rgd, 95% recovery. 116.00 125.40 Mineralization: 0.5% overall, brown to very fine grained brassy fine grained pyrrhotite as disseminations and blebs, local concentrations up to 1%. 118.50 118.90 Brecciated section—tectonic. 122.80 123.70 Random black olivine stubby blades (15%), possibly spinifex section?. 124.40 125.40 Brackets sample. 125.40 131.00 Mineralization: 5% brown very fine grained	88789		125.40 126.40				<5 <5		50 215			15 25	

												age:			
From (m)	To (m)	Geology	Sample	From (m)	T0 (m)	L (m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm
		pyrrhotite and possibly pentlandite in section, sulphides occur as blebs to wisps within micro fractures and parallel to foliation. 126.40 126.80 126.7 massive sulphide band (1cm) 20 tca. 126.50 128.00 Foliation at 25-30 degrees to core axis, local rare reddish sphalerite and yellow chalcopyrite. Massive sulphide band (1cm) 20 tca. 130.00 130.30 130.15-130.25 massive sulphide band. 130.15 130.25 Massive sulphide band, irregular contacts, about 40 degrees to core axis, the band consists of 90% very fine grained brown pyrrhotite hosting 10% fine grained brassy pyrrhotite-pentlandite wispy blebs. Minor graphite after massive	88791 88792 88793 88794 88795 88796	127.80 128.90	127.80 128.90 130.00 130.30	1.00 1.10 1.10	11 <5 6 160	<5 <5 <5	<5 <5 <5 <5 <5 <5	<.2 <.2 .2	388 295 191 167 598 123	1287 1235 1238	9703	42 73 26 78	118 138 102 92 273 91
		sulphide. 131.00 133.30 0.54-1 very fine grained brown pyrrhotite disseminations. Gradual lower contact.	88797 88798		132.30 133.30			<5 <5	<5 <5		66 32	994 661		19 20	67 55
		133.30 134.30 Bracket sample. 134.30 Blank.	88799 88800		134.30 134.30			7 <5	<5 <5		88 79	703 48			54 13
135.55	158.75	ULTRAMAFIC VOLCANIC Dark black with grey sections, very fine to fine grained, massive strongly magnetic, mesh textured, adcumulate peridotite flow. The mesh texture is a result of 5t black fine serpentine filled micro fractures randomly oriented cutting the flow (polyhedral jointing?). Nil sulphides, very fine disseminated silvery magnetite													
		visible, structure: weakly fractured, rqd 90%. 146.80 147.35 Bracket sample. 147.35 147.45 Black to silver, aphanitic graphite zone with 5% very fine grained pyrrhotite.	88801	146.80	147.35	.55	<5	<5	<5	<.2	95	1201	36	22	75
		147.35 147.65 4-5% pyrrhotite. 147.65 148.35 2-3% pyrrhotite. 148.35 148.50 Same as above, 2% pyrrhotite disseminated to local wispy blebs, local graphitic fractures.	88802 88803		147.65 148.35			<5 <5	<5 <5		175 172	843 896		25 20	82 79
		148.35 148.65 2% pyrrhotite, graphitic fractures. 148.65 149.15 Bracket sample. 158.00 158.35 Light grey fine grained, bleached/altered section.	88804 88805		148.65 149.15			<5 <5	<5 <5		152 245	736 1790			69 115
158.75	186.00	ULTRAMAFIC VOLCANIC Dark greenish to black, very fine grained, massive, magnetic, weakly to moderately serpentinized, adcumulative peridotite flow (still mesh textured). Mesh texture stops around 164.5m, unit becomes increasingly broken with depth (local graphitic fractures). Generally serpentine—calcite fracture filling, 25% broken core, 85% recovery, 75% rqd.													

	/														
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
209.90	209.90	Dark black serpentinized with greyish black calcite altered sections, very fine to fine grained, massive. Patchy mesh texture generally associated with serpentine alteration, serpentine fracture filling with occasional calcite Rare coarse pyrite, trace to 0.5% pyrrhotite locally associated with rare calcite stringers at 75 degrees to core axis. Addumulative peridotite flow, rare low angle 10-15 degrees to core axis serpentine stringer. Lower contact at 65-70 tca.	88806 88807 88808 88809 88810	168.00 169.00 170.00 172.70	168.00 169.00 170.00	1.00	<5 <5 129	<5 <5 11 <5 <5	<5 <5 11 <5 <5	<.2 .3 <.2 <.2	111 201 1148 120 132	1265 775 802 759 672	61 615 598 638 643	28 24 41 26 19	81 99 176 92 74
			I	L				\Box							

												Page:	7 of		
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 Pb	Co
		calcite filled micro fractures. 216.80 218.00 Altered section, possible dyke?, grey to brown, weakly porpheritic (quartz-calcite phenocrysts), spotted leopard looking textures, rare 65 degrees to core axis quartz-calcite stringers. 218.00 219.20 Patchy brownish alteration, local quartz-calcite healed micro breccia, series of low angle fractures to lower contact 15-20 tca. Sharp lower contact at 20 tca.													
219.20	229.80	INTERMEDIATE DYKE Dark grey, medium grained, porpheritic, salt and pepper looking matrix, 15% (5-9mm) quartz-calcite phenocrysts with 5-10% biotite. No visible sulphides, non magnetic, minor serpentine fracture filling, rare low angle serpentine stringers. Hard weakly silicified. 228.60 229.00 Green to grey, fine to medium grained biotite rich dyke, no visible sulphides, very weak localized calcite alteration, 1% 60 degrees to core axis calcite stringers, sharp contacts at 50 tca. Sharp lower contact at 55 tca.													
229.80	251.00	ULTRAMAFIC VOLCANIC Dark grey to black, fine grained, mesocumulate peridotite flow, weak patchy 45 degrees to core axis foliation, moderately hard, strongly magnetic. Patchy calcite alteration around rare 45-50 degrees to core axis calcite stringers, trace pyrrhotite on fractures and associated with calcite stringers. Serpentine-calcite fracture filling, patchy greenish-yellow serpentine-calcite alteration (?) starting around 243.5m. Minor broken sections of core. 242.90 lcm fault gouge at 70 tca.													
251.00		END OF HOLE													

		GOLDEN CHALICE RESOURCESS INC.		Page: 1 of 5
Northing:	7683	DRILL HOLE RECORD	Drill Hole:	GCL07-02
Easting:	598			
Elevation:	0	*** Dip Tests ***	Project:	Langmuir VTEM
		Depth Azi. Dip	Property:	Langmuir
Collar Azi.:	142.0		Claim:	4201281
Collar Dip:	-55.0	50 140.2 ~53.3	Northing:	N/A
		101 140.2 -54.0	Easting:	N/A
		152 143.5 -54.3	GPS Northing:	5347683
Hole length:	305.00	203 150.4 -55.5	GPS Easting:	500598
Units:	Metric	254 159.9 -55.6	Date Started:	March 16,2007
Core size:	NQ	305 158.4 -54.3	Date completed:	March 20,2007
Grid:			Drilled by:	Norex
			Sample type:	Cut Core
Materials left:	Casing		Analyses:	PM 30g FA, BM A
Collar survey:	GPS		Lab:	Expert
DH Survey method:	Reflex		Sample series:	88812-823
			Lab report:	17620
Comments:				
Logged by:	G. Sparling			
Date(s) logged:	March 21-23,2007			
Durnosas	Toot UTCM Conductor			

	Date(s) Purpose: Core sto	Test VTEM Conductor	امعی	ting											
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
.00 35.00 77.90	77.90	OVERBURDEN Casing to 36m. ULTRAMAFIC VOLCANIC Dark black to green, fine grained, moderately magnetic, hard, adcumulative peridotite flow, rare local vugs. Patchy very weak calcite alteration, weak serpentine alteration?. Unit composed of mostly broken core, 0* rqd estimated 60-70* recovery, local brecciation and foliation noted in competent pieces of core. Serpentine and calcite fracture filling, occasional hematite on fractures, hematitic fractures increasing with depth around 62m. Nil pyrite and occasional brassy speck of pyrrhotite on fracture filling. 53.00 8inch fault gouge, minor fault zone (?). ULTRAMAFIC VOLCANIC Same as above but more competent rock, dark black to green, fine grained-medium grained, massive, magnetic, hard. Local carbonate alteration, possibly cause of lighter grey to green sections. 25% Broken core, 75% rqd, 80% recovery, fractures generally at 70 degrees to core axis with serpentine healing locally.													

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
		Serpentine with local calcite fracture filling, local hematite on fractures. No visible pyrite, 0.5% pyrrhotite on fractures. 91.50 92.00 Random blades of olivine spinifex texture. 94.90 95.40 Random blades of spinifex texture. 97.00 99.50 Random spinifex texture, local weak 45 degrees to core axis foliation. 99.50 101.00 Flow top breccia?, weakly foliated with very faint spinifex texture until around 100.lm where it becomes more pronounced from (chicken scratch to blades.).											FF	, , , , , , , , , , , , , , , , , , ,	ppm
120.50	138.80	ULTRAMAFIC VOLCANIC Same as above with 30% broken core sections, adcumulative peridotite flow?, magnetic, massive, hard. Very weak serpentine and carbonate alterations locally?. 25% Broken core, 35% rqd, minor local faults with fault gouge, weakly brecciated throughout with serpentine healing and rare local calcite. Serpentine with local calcite fracture filing, occasional hematite on fractures. Trace coarse pyrite, trace to 0.5% locally brassy to shiny pyrrhotite. Rare white serpentine-calcite stringers at 40 degrees to core axis. 120.50 121.20 Possible minor fault zone with local 2 inch fault gouge, 0% rqd. 121.60 121.80 Spotted white alteration?. Lower contact at 70 degrees to core axis.		138.50	138.80	.30	<5	<5	<5	<.2	113	699	37	23	54
138.80	139.10		88813	138.80	139.10	.30	<5	<5	<5	<.2	64	62	61	24	15
139.10	139.60	ULTRAMAFIC VOLCANIC Dark green, fine grained, weakly magnetic, moderately soft to moderately hard. Weakly chlorite and serpentine altered. Strongly brecciated, generally serpentine healed, 20% rqd. No visible sulphides. Lower contact at 60 tca.	88814	139.10	139.60	.50	5	<5	<5	<.2	55	614	115	73	53
139.60	139.90	FELSIC DYKE Dark grey to green, coarse grained, porpheritic, hard, non magnetic. Weakly silicified and chlorite altered.	88815	139.60	139.90	.30	5.	<5	<5	<.2	40	125	40	37	27

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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
		Minor fractures along core axis, chlorite healed, chlorite fracture filling. No visible pyrite. Lower contact at 50 tca.													
139.90	142.30	ULTRAMAFIC VOLCANIC Dark green to black, fine to medium grained, pyroxenite?, weakly magnetic, moderately soft to moderately hard, massive sections. Weak to moderately chlorite altered, weakly brecciated, chlorite and calcite healed. 1% 55 Degrees to core axis serpentine stringers, fractures generally at 55 degrees to core axis. Trace cubic pyrite, 0.5%-1% pyrrhotite in matrix and occurring within fractures as stringers. Sharp lower contact at 50 tca.	88817 88818	140.70	140.70 141.50 142.30	.80	<5	<5	< 5	<.2		673	30 41 28		62 54 61
142.30	143.30	INTERMEDIATE DYKE Dark greyish, coarse grained, porpheritic, very hard, non magnetic. Patchy chlorite alteration with weak to moderate silicification Moderately brecciated with chlorite healing and fracture filling. Trace pyrite with a few specs of pyrrhotite. Lower contact faulted at 50 tca.		142.30	143.30	1.00	<5	<5.	<5	<.2	107	196	63	31	25
143.30	155.00	ULTRAMAFIC VOLCANIC Dark green to black, fine grained, locally massive, hard, magnetic. Chlorite altered with patchy serpentine altered sections. Moderately brecciated with generally calcite-serpentine healing, minor local faulting, gouge. Trace bright coarse pyrite with trace pyrrhotite associated with calcite healed breccia. Occasional thin calcite stringer at 50 tca. 152.20 152.50 Minor fault zone with 9 inch rehealed clay fault gouge. 153.70 153.85 Minor fault with 3 inch rehealed fault gouge. Gradual lower contact.		143.30	143.80	.50	<5	<5	< 5	<.2	81	1336	29	29	84
155.00	173.30	ULTRAMAFIC VOLCANIC Dark black, fine grained, massive, magnetic, peridotite flow, adcumulative, hard. Weakly serpentine altered. 40% Broken core, fracture zones, local brecciation, chlorite-serpentine-calcite fracture filling and healed breccia Weak local 40 degrees to core axis foliation, 0.5% 70 degrees to core axis calcite and serpentine stringers. Rare pyrite on fractures. Lower contact at an estimated 60-70 degrees to core axis.													

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
173.30	174.50	FAULT ZONE Fault zone in ultra mafic volcanic, 0% rqd, 40% recovery, unit completely broken. Trace pyrrhotite. Sharp lower contact at 40 degrees to core axis.													
174.50 236.00	236.00	Dark black to dark green, fine grained, massive, magnetic, hard, adcumulative peridotite flow, local mesh texture?. Weak serpentine alteration. 20% Broken core, weak local 40 degrees to core axis foliation, serpentine (locally fibrous) with occasional chlorite fracture filling. Rare 60 degrees to core axis calcite stringers, occasional 30 degrees to core axis carbonate stringers, trace pyrrhotite. 187.30 187.70 Moderate green to yellow altered section. 2.5cm quartz-calcite veinlet, contacts at 50 and 65 degrees to core axis. 218.60 218.80 Pale green, highly carbonate altered, low angle foliation at 30 degrees to core axis. 219.00 Increased carbonate with minor serpentine fracture filling and stringers at 40 and 70 tca. Lower contact at 60 tca.													
236.00	236.50	FAULT ZONE Minor fault zone, dark green to black, moderately hard, weakly magnetic. Carbonate and very weak chlorite alteration. 0% Rgd, unit completely broken, chlorite and serpentine fracture filling, local minor fault gouge. Sharp lower contact at 20 tca.													
236.50	240.00	ULTRAMAFIC VOLCANIC Dark green to black, medium grained, weakly magnetic, moderately hard, altered peridotite flow, local spinifex?. Weakly chlorite altered and carbonate altered. Very weak local foliation, minor fracturing, with local blocky sections, serpentine, calcite and chlorite fracture filling. Calcite carbonate stringers at 15, 45 and 60 degrees to core axis. Trace pyrite and pyrrhotite. Lower contact at 65 tca.	1												
240.00	242.00	FAULT ZONE Major fault zone in ultra mafic volcanic, 0% rqd, 40%recovery, broken core throughout (5cm to 2.5 inch). Serpentine on fractures, 1% 75 degrees to core axis calcite-carbonate stringers, minor clay gouge in ruble. No visible sulphides. Lower contact at an estimated 60 tca.													

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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
242.00	254.00	ULTRAMAFIC VOLCANIC Dark black with grey sections, medium grained, massive, moderately hard (grey sections) to hard, moderately magnetic with grey sections being very weakly magnetic. Patchy moderate carbonate alteration (ankerite-dolomite), very weak chlorite?. 30% Broken core, 75% rgd, good recovery, serpentine chlorite fracture filling, patchy very weak foliation, local calcite healed breccia. 1% Calcite-serpentine stringers at 15, 20 and 60 degrees to core axis. Minor gouge seen on fractures. No visible sulphides. Gradual lower contact.													
254.00	305.00	ULTRAMAFIC VOLCANIC Dark black, fine to medium grained, massive, local spinifex?, magnetic, hard. Weak patchy serpentine and carbonate alterations. Minor serpentine fracture filling with occasional calcite and chlorite. Fairly competent rock, 80% rqd, good recovery, minor fracture zone, maybe 10%. Trace pyrite and pyrrhotite on fractures. 260.80 261.20 White to grey, quartz-carbonate vein?, mottled texture, 4% pyrrhotite. 285.00 287.50 Patchy pervasive grey carbonate altered sections, possibly ankerite.	88822 88823	260.80	260.80 261.20 261.80	.40	5	<5	<5 <5 <5	<.2	29	1129 182 1197	74	25 24 25	80 30 78
305.00		END OF HOLE													

Date: 30 Jan, 2008 GOLDEN CHALICE RESOURCESS INC. Page: 1 of 4 GCL07-03 Northing: 9193 DRILL HOLE RECORD Drill Hole: Easting: 9025 *** Dip Tests *** Elevation: 0 Project: Langmuir Depth Azi. Dip Property: Langmuir Collar Azi.: 325.0 Claim: 4202748 53 325.9 -51.5 Northing: N/A Collar Dip: -55.0 104 319.0 -52.1 Easting: N/A 5349193 203 327.3 -52.1 GPS Northing: GPS Easting: 499025 Hole length: 326.00 254 331.1 -50.9 Units: Metric 326 334.9 -48.7 Date Started: March 26,2007 Core size: NQ/BQ Date completed: April 5, 2007 Grid: Drilled by: Norex Sample type: Cut Core Analyses: PM 30g FA, BM AA Materials left: Casing Collar survey: Lab: Expert GPS Sample series: 88824-27 DH Survey method: Reflex Lab report: 18255 Comments: Hole reduced to BQ @ 170m due to swelling ground

Logged by: G. Sparling April 5, 2007

Date(s) logged: Purpose: Test VTEM

From (m)	T0 (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 ppi
.00	44.90	OVERBURDEN Casing to 45m.				İ									
44.90	88.00	ULTRAMAFIC VOLCANIC Dark black to green, fine to medium grained, weak local magnetism, soft to moderately soft, weathered, vuggy, rare massive sections. Strongly tale and chlorite altered with patchy moderate calcite alteration. Highly weathered, vuggy, porous unit with numerous minor faults throughout with 1-3cm fault gouge, minor blocky sections Fracturing generally at 60-70 degrees to core axis, predominately calcite fracture filling with occasional chlorite and carbonate. 10% Variable angled calcite stringers at 30, 40, 50 and 70 degrees to core axis. Trace coarse pyrite brownish yellow in calcite stringers. Sharp lower contact at 40 tea.													
88.00	93.40	DIABASE Grey to green, medium grained, massive, hard, moderately magnetic diabase dyke, porpheritic. Very weak patchy calcite and chlorite alterations. 20 Or so 5mm- lcm plagioclase phenocrysts throughout matrix with local clustering.	İ												

From	То						_						r		
(m)	(m)	Geology	Sample	From (m)	To (m)	(m)	Au	Pt	Pd	Ag	Cu	Ni	Zn	Pb	Ço
				(111)	(/	(111)	ppb	ppb	ppb	ppm	ppm	ppm	bbw	ppm	bbw
		Localized tension fractures throughout with very thin chlorite healing, rare chlorite fracture filling. No visible mineralization. Sharp lower contact at 60 tca.													
93.40	100.10	Dark grey to dark black, fine to medium grained, massive, moderately hard, weakly magnetic, peridotite flow, adcumulate (?). Weakly talc and chlorite altered. Chlorite with occasional calcite fracture filling, fracturing generally at 50-70 degrees to core axis, minor local broken sections. Trace coarse pyrite. Variable angled calcite stringers at 30, 50 and 70 degrees to core axis.													
100.10	108.60	Greyish to brown-black, medium grained, massive, possible dyke?, peridotite flow?, very hard, weak to moderately magnetic with increased magnetism around 103m. Weakly chlorite altered?, patchy brown alteration (increased biotite), patchy carbonate alteration, no reaction to HCl. Minor fracturing at variable angles, generally 30-50 degrees to core axis, minor local fracture filling, mix of chlorite.													
		calcite and serpentine. 2% Calcite stringers at 60-70 degrees to core axis. Trace bright yellow-brown coarse pyrite on fracture throughout unit. Trace to 0.5% locally, coarse, brassy pyrrhotite associated with fractures and stringers, trace chalcopyrite. Gradual lower contact. 102.00 103.00 Bracket sample. 103.00 104.00 Trace pyrite, chalcopyrite and 0.5% pyrrhotite related to fractures and stringers.	88824	102.00 103.00	103.00 104.00		5 <5	< 5 < 5	<5 <5	<.2 <.2	128 230		49 35	36 34	39 43
		104.00 105.00 0.5% coarse pyrite and trace pyrrhotite on fractures.	88826	104.00	105.00	1.00	<5	<5	<5	<.2	167	64	30	26	35
		105.00 106.00 Bracket sample.	88827	105.00	106.00	1.00	<5	<5	<5	<.2	143	62	28	24	34
108.60	146.00	ULTRAMAFIC VOLCANIC Dark black to green, fine-medium grained, massive, moderately hard, weakly magnetic, peridotite flow, adcumulate, random spinifex textured sections. Weakly chlorite altered?, weak carbonate alteration, rare patches of serpentine alteration. Fractured throughout unit at 60-70 degrees to core axis with chlorite and calcite filling, minor local broken core. 1% Calcite and serpentine-calcite stringers throughout at generally 30-40 degrees to core axis. Trace coarse pyrite and brassy pyrrhotite on 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
	295.90	Dark black patchy dark grey, medium grained, moderately hard, massive. Patchy grey sections are highly calcite altered, patchy serpentine alteration. Minor fracturing throughout at 20 and 50 degrees to core axis, chlorite, calcite and serpentine fracture filling. Rate pyrite and pyrrhotite on fractures. 13 Variable angled calcite stringers at 30, 55 and 75 tca. Random variable angled greenish serpentine stringers. 146.7-147.3 Faint poorly developed, random, spinifex texture. 156-156.3 Possible serpentine altered spinifex textured section, trace coarse pyrite. 170.00 Hole was reduced to be due to swelling ground squeezing rods. Gradual lower contact.													

From	To	Geology	Sample	From	То	Т.	Au	Pt	Pd	Aq	Cu	Ni	4 01	Pb	-
(m)	(m)		Jump10	(m)	(m)	(m)						ppm	Zn ppm	ppm	Co ppm
295.90	326.00														
		Green to green, medium grained, massive sections, moderately hard, weakly magnetic, pyroxenite flow. Weakly chlorite altered, rare patchy talc alteration. Weakly brecciated throughout, chlorite with random calcite healing. Fracturing generally at 40 and /0 degrees to core axis, chlorite and calcite fracture filling with localized fault gouge on fractures. Localized coarse pyrite associated with calcite healed breccia around 316m. 315.70 317.30 Random poorly developed, brecciated spinifex texture. 318.70 319.30 Coarse grained section, possibly flow top breccia or breccia, spinifex texture (?). 323.00 Unit becoming more grey black due to increased chlorite alteration, remains weakly brecciated with local faulting.													
326.00		END OF HOLE													

Date: 30 Jan, 2008 GOLDEN CHALICE RESOURCESS INC. Page: 1 of 11 Northing: 9441 DRILL HOLE RECORD Drill Hole: GCL07-04 Easting: 8137 Elevation: 0 *** Dip Tests *** Project: Langmuir VTEM Depth Azi. Dip Property: Langmuir Collar Azi.: 325.0 Claim: 4202748/4203498 Collar Dip: -55.0 101 324.5 -55.2 Northing: N/A Easting: 146 325.7 -55.2 N/A 197 324.7 -55.6 GPS Northing: 5349441 Hole length: 302.00 248 324.4 -56.1 GPS Easting: 498137 Units: Metric 302 326.4 -56.2 Date Started: April10,2007 Core size: NQ Date completed: April 14,2007 Grid: Drilled by: Norex Sample type: Cut Core 30.2m of Casing Materials left: Analyses: PM 30g FA, BM AA Collar survey: Lab: Expert DH Survey method: Reflex 88933-89000,88551 Sample series: Lab report: 18255

Comments:

Logged by: G. Sparling

Date(s) logged: April 17-19, 2007

Purpose: Test VTEM W

Core storage: Moneta Facility Timmins

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From (m)	To (m)	Geology	Sample	From (m)	T0 (m)	(m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	2n ppm	ppm Pb	Co ppm
.00	30.20	OVERBURDEN Casing to 30.2m.													
30.20	36.70	ULTRAMAFIC VOLCANIC Dark grey to black, medium grained, peridotite flow, mesocumulate (?), massive, soft, very weak patchy magnetism. Pervasive talc chlorite alteration, weak ankerite alteration throughout. Fracturing 20, 30 and 50 degrees to core axis, chlorite and calcite fracture filling. No visible pyrite. Occasional irregular carbonate stringers. Lower contact at 30 tca.													
36.70	40.60	ULTRAMAFIC VOLCANIC Green to grey, medium to coarse grained, pyroxenite or altered peridotite flow, moderately soft, vory weak localized magnetism Weak to moderately tale and ankerite alterations, patchy weak chlorite. Moderately foliated, foliation at 50 degrees to core axis, minor block sections maybe 10%. Minor faults throughout unit with minor clay gouge. Chlorite and calcite fracture filling at 30 to 60 degrees to core axis. No visible sulphides.													

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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
40.60	100.50	39.50 40.00 Weakly brecciated section with olivine spinifex texture. Lower contact at 50 tca. ULTRAMAFIC VOLCANIC Dark black to grey, medium grained, peridotite flow, very weakly magnetic, moderately soft, mesocumulate. Weak to moderately chlorite and talc altered. Local oxidation on fractures. 10-15% Variable angled carbonate stringers throughout unit. Rare quartz-carbonate stringers (marbled) at 65-70 degrees to core axis. Fracturing generally at 60-75 degrees to core axis, predominately carbonate with local chlorite fracture filling. Trace coarse pyrite. 42.70 43.30 Minor fault zone with maybe 1% clay fault gouge, 0% rqd. 57.00 62.00 Minor sections of broken core. 57.40 58.40 Check sample for back ground, trace oxidized pyrite. 65.90 66.90 Check sample for back ground, trace pyrite. 70.00 71.00 Check sample for back ground, trace pyrite. 94.40 94.70 Section of broken core due to weak carbonate fracture filling. 97.50 98.00 Local brown mineral along fracture, most likely oxidation but may be sphalerite. 97.70 98.90 Grey to green section, increased carbonate alteration, patchy random spinifex texture. 98.90 99.50 Dark black to brown, faint olivine spinifex texture. 99.50 100.50 Light grey to green, highly carbonate and serpentine altered section, weak 60 degrees to core axis foliation, minor faulting throughout section with mix of clay, chlorite and carbonate on fractures. MAFIC DYKE Dark grey to black, medium to coarse grained, massive, hard, non magnetic to weakly magnetic sections, diabase dyke? Weak local chlorite alteration and silicification around quartz-calcite stringers, rare local oxidation. Fracturing at 30, 50-60 degrees to core axis, generally chlorite with localized serpentine and calcite fracture filling. 10% Sections of broken core, rare faulting up to lcm fault gouge. 1.5% Calcite stringers at 30 degrees to core axis. Local calcite-quartz stringers increasing with depth, maybe 0.5% at best. 0.5% Light yellow to brownish coarse pyrite in fractures.	88933 88934 88935 88936	57.40 65.90 70.00 74.00 97.50	66.90 71.00 75.00	1.00 1.00 1.00	<5 <5 <5	<5 <5 <5	<5 <5 <5 <5 <5 <5 <5 <5	<.2 <.2 <.2	76 63 60	1219 1215 939	26 19 15	46 51	67 68 64

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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	Pp Pb	Co ppm
110.00	113.60	Trace pyrrhotite associated with quartz-calcite stringers. 104.00 8inch grey to green inclusion of peridotite, minor faulting with up to lcm gouge, contacts at 65-75 tca. 106.00 Unit becoming increasingly magnetic. Sharp lower contact at 30 degrees to core axis, 0.5mm fault gouge. 106.20 107.20 Bracket sample, trace pyrrhotite in mottled quartz-calcite stringer. 107.20 108.20 Trace pyrite and pyrrhotite. 108.20 109.00 1% quartz-calcite stringers with trace pyrite and pyrrhotite. 109.00 110.00 Trace pyrrhotite sphalerite (?) and 0.5% pyrite. GABBRO Dark green to grey-black, very coarse grained, hard, weakly magnetic, massive, phaneritic. Weakly chlorite altered and sections of silicification. Chlorite fracture filling. Rare 70 degrees to core axis calcite stringers. Trace coarse pyrite. 1-2% Dull brassy disseminated pyrrhotite throughout matrix. 110.00 110.80 Trace pyrite and pyrrhotite with up to 0.5% locally. 110.80 111.70 0.5% pyrrhotite. 111.70 112.60 1% pyrrhotite. 112.60 113.60 Unit becoming more fine grained, green to grey, could be dyke but no real contact, 1% pyrrhotite along fractures. 112.60 113.60 2% finely disseminated pyrrhotite in matrix, trace pyrite on fractures. 113.10 6inch gabbro or mafic dyke inclusion with 0.5% pyrite along fracturing. Lower contact at 50 tca.	88938 88939 88940 88941 88942 88943 88944	107.20 108.20 109.00	107.20 108.20 109.00 110.00	1.00 .80 1.00	<5 <5 <5 <5 <5	<5 <5 <5 <5 <5	<5 <5 <5 <5 <5	<.2 <.2 <.2	129 141 126 172 116 128	129 120 104 112 100 109	61 55 54 56 44	35 38 33	33 34 29 33 27 29
113.60	116.20	ULTRAMAFIC VOLCANIC Dark grey to black, medium grained, fish egg texture with greyish-yellow halo's, weakly magnetic, hard, massive. Patchy very weak calcite alteration, weak silicification. Chlorite with some serpentine fracture filling. 2% Disseminated pyrrhotite throughout matrix with 0.5% bright coarse pyrite on fractures. 113.60 114.20 Trace pyrrhotite in weak chlorite healed breccia section, 6 inch mafic dyke. 113.85 6inch dark grey inclusion, trace pyrrhotite, 10 tca. Lower contact at 50 tca. 114.20 115.20 2-3% finely disseminated pyrrhotite in fish egg texture, trace coarse pyrite. 115.20 116.20 2% finely disseminated pyrrhotite in matrix, trace pyrite on fractures.	889 4 6	114.20	114.20 115.20 116.20	1.00	<5	<5		<.2 <.2 <.2	103	109	45	31	29

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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
116.20	129.20	ULTRAMAFIC VOLCANIC Grey to black, medium grained, massive, moderately soft, weakly magnetic, peridotite flow. Moderately talcose and chlorite altered. 3-5% Carbonate stringers locally at 30 and 60 degrees to core axis. Fracturing generally at 30 degrees to core axis, carbonate with local chlorite healed fractures. Rare coarse pyrite. 116.20 117.20 Bracket sample. 117.20 Blank. 125.60 Unit becoming more green in color due to serpentine alteration (?) and unit has increased fracturing at 20-30 tca. Lower contact at 75 tca.	889 4 9 88950		117.20 117.20				16 33			253 43		45 23	39 13
129.20	138.70	ULTRAMAPIC VOLCANIC Dark black, fine to medium grained, peridotite flow, adcumulative, hard, massive, weakly magnetic. Patchy moderate silicification with most of unit being weakly silicified. Minor localized talc and serpentine altered sections. Rare sections of broken core, fracturing at 40 and 70 degrees to core axis, mix of chlorite and serpentine fracture filling. Dull yellow to brown coarse pyrite on fractures. Localized brown oxidation? or sphalerite? on fractures, stringers and in matrix. Patchy elevated milky white quartz in matrix, irregular stringers and minor veinlets associated trace to 0.5% pyrrhotite.													
		129.20 130.20 0.5% pyrrhotite in milky white quartz stringers. 131.30 132.30 0.5% pyrrhotite in milky white quartz stringers and up to 1% in milk. 131.90 10cm milky white quartz vein with salt and	88952	129.20 131.30	130.20 132.30			6 <5	6 < 5	<.2 <.2		128 112		37 40	33. 37
		132.30 133.30 Bracket sample, trace pyrrhotite. 134.20 134.70 Light green to grey, weak to moderately serpentine and talc altered. Lower contact at 65 tca.	88953	132.30	133.30	1.00	<5	<5	<5	<.2	133	173	83	40	40
		135.10 135.60 Brown mineral sphalerite or oxidation along fractures.	88954	135.10	135.60	.50	<5	<5	<5	<.2	209	83	54	39	25
		137.00 137.90 Brown mineral sphalerite or oxidation along fractures.			137.90		<5	<5	<5	<.2	265	13	29	36	14
		137.90 138.70 Brown mineral sphalerite or oxidation along fractures.	88956	137.90	138.70	.80	<5	<5	<5	<.2	284	38	45	40	17
138.70	155.90	ULTRAMAFIC VOLCANIC Pale green to grey, medium grained, very weak local magnetism, moderately soft, peridotite flow?. Moderate pale green-yellow serpentine alteration as stringers,													

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
		on fractures, patches, and circular almost pillow selvage like alteration. Weakly talc altered with patches of chlorite pervasive chlorite alteration. Highly foliated locally at 30 degrees to core axis, fracturing parallel to foliation with mix up carbonate and chlorite filling. Trace pyrite in matrix with local 0.5% concentrations in chlorite altered sections. Trace pyrrhotite?. Brown-orange sphalerite or oxidation along low angle fractures. 1 Serpentine-calcite stringers at 10-20 degrees to core axis. 0.5% Yellow-pale green 30 degrees to core axis serpentine stringers.													
		138.70 139.70 Brown mineral sphalerite or oxidation along fractures. 140.50 140.80 Brown mineral sphalerite or oxidation along	1	138.70 140.50	139.70 140.80				11 15	1	68 56	745	50 34		
		fractures. 142.00 142.90 Brown mineral sphalerite or oxidation along	í I			.90	5	12	15	<.2	95	520 815	31	40 36	59 64
		fractures. 143.80 144.10 Brown mineral sphalerite or oxidation along fractures.	88960	143.80	144.10	.30	5	11	14	<.2	65	900	32	36	74
		144.50 145.10 Brown mineral sphalerite or oxidation along fractures.	88961	144.50	145.10	.60	5	13	15	<.2	80	715	30	41	69
155.90	157.20	152.80 154.40 Dark black pervasively chlorite altered with patchy very weak serpentine altered section, random spinifex throughout, 0.5%-1% coarse pyrite locally, 0, 5% 50 degrees to core axis calcite stringers. Sharp lower contact at 60 tca. 152.80 153.60 0.5% pyrite, chlorite alteration. 153.60 154.40 1% pyrite with chlorite alteration. 155.40 155.90 Bracket sample. INTERMEDIATE DYKE Dark grey, massive, medium grained, felsic to intermediate dyke, non magnetic, hard.	88962 88963 88964	152.80 153.60 155.40		.80		19. 18 13	21 20 16	<.2	172 151 34	232 138 4 73	52 39 50	53 43 32	
157.20	178.10	No reaction to HCl, weak to moderately silicified. Fracturing at 30 and 50 degrees to core axis with chlorite and serpentine fracture filling. Rate 60 degrees to core axis calcite stringers with black chlorite halo's. Trace to 0.5% pyrite and pyrrhotite throughout matrix. Lower contact at 50 tca. 155.90 156.55 Trace to 0.5% pyrite and pyrrhotite. 156.55 157.20 Trace to 0.5% pyrite and pyrrhotite.	88965		156.55 157.20			<5 <5	<5°	<.2 <.2	93 91	59 58		52 34	

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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
		Patchy locally pervasive serpentine alteration. Alteration unusual as patches, circular pillow selvage like sections and as halo's around stringers. Low angle foliation at 30 degrees to core axis. Chlorite, serpentine and calcite fracture filling, minor local broken core. Trace pyrite on fractures. 2-3% Serpentine-calcite stringer at 20-30 degrees to core axis, locally irregular. 157.20 157.70 Bracket sample. 167.70 168.40 Patchy random olivine spinifex texture. 169.30 169.80 Local broken core with possible clay gouge. 170.00 173.50 Speckled chlorite alteration with minor section of spinifex texture. 173.50 176.30 Unit becoming softer with more patches of serpentine alteration. 176.30 178.16 Unit becomes pervasively chlorite altered with patches of serpentine alteration, local spinifex texture and several low angle graphitic sediments sections cutting through unit at 30 tca. Sharp lower contact at 30 tca.	88967	157.20	157.70	. 50	5	13	13	<.2	26	367	30	31	45
178.10	178.70	GRAPHITIC SEDIMENT Dark black, aphanitic to fine grained graphitic sediment, soft, non magnetic. Unit predominately broken with a 0% rqd, silvery-black graphite on fractures. No visible sulphides. Sharp lower contact at 20 tca.													
178.70	184.00	ULTRAMAFIC VOLCANIC Dark grey to black, medium grained, equigranular, massive, weakly magnetic, hard, peridotite flow, mesocumulate, or mafic dyke. Weakly silicified locally. Fracturing at 25 and 60 degrees to core axis, chlorite fracture filling. 1% 75-80 Degrees to core axis calcite stringers. Trace pyrite. Trace-0.5% brassy pyrrhotite throughout matrix. Sharp lower contact at 30 tca. 178.70 179.60 Trace pyrrhotite. 179.60 180.50 Trace-0.5% pyrrhotite. 180.50 181.40 Trace-0.5% pyrrhotite. 181.40 182.30 Trace-0.5% pyrrhotite. 182.30 183.20 Trace-0.5% pyrrhotite, trace millerite. 183.20 184.00 Trace pyrrhotite.	88968	179.60 180.50 181.40	181.40 182.30 183.20	.90 .90 .90	<5 <5 5 7	<5 <5 <5 <5 <5 <5 <5	6 6 5 5 6 7 6	.22 < .2 < .2 < .2 < .2 < .2 < .2	57 81 124	153 169 30 400 154 80	387 65 80	63 47 45 53 53 62	55 56 28 33 41 29
184.00	201.00	ULTRAMAFIC VOLCANIC Dark black, fine grained, sections of spinifex texture													

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
201.00	202.10	throughout unit, moderately soft, magnetic, peridotite flow, adcumulative. Weak to moderately serpentine-talc altered to 187.5m than very weak and patchy. Unit generally weak to moderately chlorite altered. Minor fracturing throughout with higher occurrence on upper contact to 185.2, chlorite and carbonate fracture filling. Trace bright yellow coarse pyrite. Weak local foliation at 45 degrees to core axis. 5% White-green carbonate stringers distributed randomly at 30-40 degrees to core axis, local displacement from fracturing. 186.30 187.20 Pale green to yellow, weakly foliated, fractured and serpentine-calcite stringers at 30 tca. 182.9 Bright yellow millerite on fracture. Sharp lower contact at 40 tca. 198.30 198.70 Orange to brown oxidation or sphalerite along fractures and stringers. 198.70 Standard ni lli. MAFIC DYKE Dark grey, massive, medium grained, hard, very weak local magnetism, mafic dyke with 5% biotite in matrix. Weakly calcite altered. Fracturing filling consists of chlorite. Rare 60 degrees to core axis calcite stringers. Trace coarse pyrite. 200.9 1cm Section of graphitic sediment. Sharp lower contact at 60 tca.	8897 4 88975		198.70 198.70			111 222	12		72 2521	872 4196	21	32 48	59 167
202.10	206.40														
206.40	207.00	GRAPHITIC SEDIMENT Dark black, aphanitic to fine grained graphitic sediment, non magnetic, soft. Highly calcite altered. Very brittle unit, well developed, foliation at 30 degrees to core axis, silvery-black graphite on fractures. Rare coarse pyrite. Sharp lower contact at 30 tca.													

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
207.00	231.40	ULTRAMAFIC VOLCANIC Dark black to grey, fine grained, locally massive, randomly distributed spinifex texture throughout unit, moderately soft, very weakly magnetic. Pervasively chlorite altered with patchy calcite, weakly talc altered?. 20% Local black graphitic sediment sections, local graphitic fractures. Patchy localized serpentine alteration giving unit a green to yellow color. Fracturing at 25 and 40 degrees to core axis, chlorite and carbonate fracture filling. Minor sections of broken core, local foliation at 40 degrees to core axis. 3-5% Calcite carbonate stringers at variable angles 20-35 degrees to core axis. Rare coarse pyrite. Localized orange-brown oxidation along fractures and stringer with a few specks that maybe sphalerite. 207.50 10cm white calcite stringer at 20 tca. 212.40 213.00 Check sample, sphalerite?. 223.40 225.10 Unit has strong 10-20 degrees to core axis foliation with continuous fracturing throughout interval at 0-5 tca. Lower contact at 40 tca.	88976	212.40	213.00	.60	6	9	13	<.2	56	691	19	28	61
231.40		FAULT ZONE Fault zone in mixed unit of peridotite and graphitic sediment. The faulting is generally located in the graphitic sediments, which makes up 20% of unit. The ultra mafic sections are fine grained with rare spinifex texture, moderately soft, weakly magnetic. They are pervasively chlorite altered with patchy calcite and serpentine alterations. Approximately 30% of the unit is broken up core in graphitic sediments with numerous sections of clay gouge, maybe 5% of broken material. The unit has an overall rqd of 50% with rare sections of weak 60 degrees to core axis foliation, the overall recovery is good except in the graphitic section where it is estimated that 1.5m was lost. 1-2% Calcite stringers are observed only in the ultra mafics with occasional irregular serpentine stringers. Trace coarse pyrite. Lower contact at 50 tea. FELDSPAR PORPHYRY													
238.80	263.50	FELDSPAR PORPHYRY Light to dark grey, coarse grained, porpheritic, hard, non magnetic, feldspar porphyry dyke with sections of ultra mafics. Weakly silicified throughout with sections of moderate													

(m)	To (m)	Geology	Sample	From (m)	T0 (m)	(m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm
	į	silicification, patchy moderate calcite alteration.													
1	1	Minor broken sections of core throughout with local crackled													
]	or breccia with chlorite healing.													
i 1	- 1	Generally chlorite fracture filling with rare calcite on fractures.													
	l	3% Quartz and quartz-calcite stringers randomly distributed													i
i		throughout unit at 50-60 degrees to core axis, occasional													1
		quartz veinlets up to 6cm.					ļ								1
1		Rare calcite stringers along fractures at 20 degrees to core axis.									1				i
	1	Trace to 0.5% cores pyrite in matrix with localized													
i 1	- 1	disseminated sections.	į												
	į	238.80 239.30 15cm barren quartz vein.	88977	238.80	239.30	.50	5	6	6	<.2	46	91	34	37	19
		239.10 15cm barren white quartz vein with 75 and 65 degrees to core axis contacts.						į)		1 1				
		239.30 240.10 Trace pyrite, silicified.	88978	239.30	240.10	.80	5	6	7	<.2	69	103	44	56	19
		240.10 240.40 Black, highly talc-chlorite altered ultra mafic,		237.30	240.10		ر ا	ľ	· '	\2	63	103	44	56	19
	- 1	trace pyrite, 1cm fault gouge, contacts at 55			1										
i B	- 1	and 65 tca. 240.10 240.40 Talc-chlorite altered ultra mafic, trace pyrite.	00070	240 10	240 40										
. I	ı	240.40 241.20 Trace coarse pyrite, silicified, 0.5% brecciated	88979 889801		240.40 241.20			14	15 8	<.2	32 57	389 34	33 61	41 32	42 14
		quartz stringers, local 4cm quartz veinlet at	00300	240,40	241.20		Ů		ľ	`	3/	34	0.1	32	14
		240.8m.													
	ı	241.20 242.10 Siliceous, fragmented quartz stringers, chlorite healed breccia, trace pyrite.	88981	241.20	242.10	.90	<5	<5	<5	<.2	42	27	50	31	14
	- 1	242.10 243.10 Series of quartz stringers at 65 degrees to core	88982	242.10	243.10	1 001	<5	<5	<5	<.2	37	23	51	34	12
	- 1	axis with trace pyrite.	00302	212.10	243.10	1.00	``	``	``	\	31	23	31	34	12
		243.10 243.60 Bracket sample, trace pyrite.	88983		243.60			<5			37	23		34	14
	- 1	244.90 245.40 Bracket sample, trace pyrite. 245.40 246.40 Pare quartz stringers with up to 0.5% pyrite,	88984					<5	<5			21	29	29	13
	ı	siliceous.	88985	245.40	246.40	1.00	<5	<5	<5	<.2	36	26	37	31	13
	1	246.40 246.90 Bracket sample, trace pyrite.	88986	246.40	246.90	.50	<5	<5	<5	<.2		28	52	35	12
,	ı	251.00 251.50 Bracket sample.	88987					<5	<5			27	23	25	15
	1	251.50 252.50 Local clustered quartz stringer with up to 0.5%	88988	251.50	252.50	1.00	<5	<5	<5	<.2	24	22	25	26	16
	ı	252.50 253.00 Bracket sample.	88989	252.50	253.00	. 50	<5	<5	<5	<.2	26	24	28	27	15
		256.00 Unit becomes more fractured and broken with										- 1		- '	13
	1	increased low angle fractures at 30 tca.									1 1		1 1		
	1	Lower contact at 60 tca. 260.30 260.80 Bracket sample.	88990	260 20	260.80	.50	<5	<5	<5	<.2			_,		
	- 1	260.80 261.30 Trace-0.5% coarse pyrite, silicified, quartz						<5				18 20		28 25	14 12
	1	stringers.			ľ						"		ا `		1.5
		261.30 261.80 Bracket sample.	88992	261.30	261.80	.50	<5	<5	< 5	<.2	92	14	26	29	8
263.50	266.50	FAULT ZONE													
	_,,,,,,	Fault zone in ultra mafic volcanic, fine grained, massive,									1				
	.	very soft, weakly magnetic.													
		Pervasively talc altered with weak chlorite, patchy serpentine and calcite alteration.			i										
		and calcite afteration. 15% Sections of broken core with up to 2cm of fault gouge in								Į	1				
		some areas, overall rqd of 65%, estimated 80% recovery.													

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From (m)	To (m)	Geology	Sample	From (m)	To (m)	(w)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm
		Local carbonate fracture filling with predominately chlorite filling. 0.5% Calcite-carbonate stringers at 50-70 degrees to core axis. Sharp lower contact at 75 tca.													
266.50	267.60	FELDSPAR PORPHYRY Grey to pinkish locally, coarse grained, porpheritic, hard, non magnetic. No reaction to HCl, weakly silicified. Minor fracturing or crackled sections with chlorite and some calcite healing. Fairly competent unit with chlorite fracture filling. Rare coarse pyrite. 2cm Fault gouge on lower contact, lower contact at 40 tca.													
267.60	269.20	ULTRAMAFIC VOLCANIC Grey to green, fine to medium grained, peridotite flow?, patchy weak magnetism, soft to moderately soft. Pervasively talc altered with sections chlorite and serpentine alteration, maybe some weak ankerite alteration. Moderately foliated at 70-75 degrees to core axis. 2-3% Carbonate stringers at 70-75 degrees to core axis. Occasional fragmented calcite stringers. Rare coarse pyrite. Sharp lower contact at 40 tca.													
269.20	270.30	INTERMEDIATE DYKE Dark brown with light grey to green sections, medium grained, massive, non magnetic, hard. Weakly calcite altered with the greyish sections being weakly serpentine altered?. Chlorite and some greenish serpentine on fractures. Rare calcite stringers at 30 degrees to core axis. No visible sulphides.													
270.30	273.30	ULTRAMAFIC VOLCANIC Black to dark grey, fine to medium grained, homogeneous, patches of very weak magnetism, soft. Pervasively talc altered with weak to moderately chlorite alteration. 2% Choppy carbonate stringers and fracture filling at 60 tca. No visible pyrite. Lower contact at 40 tca. 272.80 273.30 Bracket sample.		272.80	273.30	.50	<5	13	19	<.2	103	862	72	60	73
273.30	279.90	FELDSPAR PORPHYRY Greyish with pinkish sections, coarse grained, porpheritic, hard, non magnetic. Weakly to moderately silicified locally. Crackled looking throughout unit with the micro fractures being healed with visible chlorite but when HCl added the													

From (m)	To (m)	Geology	Sample	From (m)	To (m)	L (m)	Au ppb	Pt ppb	Pd ppb	Ag	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm
		fractures fizz indicating the presence of calcite. A few white barren quartz stringers distributed randomly throughout unit at 55 degrees to core axis. Trace coarse pyrite associated with micro fractures. Rare chlorite fracture filling. 273.30 273.80 Silicified, trace pyrite, 2cm quartz stringer. 273.80 274.30 Bracket sample. 277.40 Visible clay on fracture indicating a possible slip fault. Lower contact at 60 tca.	88994 88995		273.80 274.30		<5	<5 <5	<5 <5		37 40		24	34 37	11
279.90	302.00	Grey to dark grey, coarse grained, porpheritic sections, generally hard with some moderately hard sections, non magnetic Patchy silicification and chlorite alteration, patchy very weak calcite alteration with slight increase with depth. A few section of greyish black ultramafics. Minor fracturing at 30 and 50 degrees to core axis with localized micro fracturing, fracture generally chlorite healed with some calcite. A few greyish white stringers at 60-70 degrees to core axis. Trace coarse pyrite associated with micro fractures. 290.00 Half dozen or so 2-3cm quartz veinlets occur to the end of the hole with the largest being 13cm at 295.7m, patchy bleaching maybe sericite. 293.60 294.60 Bracket sample. 294.60 295.60 A few quartz veinlets, trace pyrite. 295.60 296.30 Sericite bleached light brown section with weak silicification, several chlorite healed micro fractures and trace pyrite.	88996 88997	294.60	294.60 295.60	1.00	<5	<5 <5	< 5 < 5	<.2	35	27	44	52	12 11
		295.60 296.00 Bleached, silicified, 13cm quartz veinlets. 296.00 297.00 Patchy bleaching, trace pyrite. 297.00 Blank.	88998 88999	296.00	296.00 297.00	1.00	<5	<5 <5	<5 <5		21 28	17 31		29 39	8 11
		297.00 298.00 Bracket sample.	89000 88551		297.00 298.00			21 <5	22 <5		108 44	40 27	и	25 43	14 15
302.00		END OF HOLE													

Date: 30 Jan, 2008 GOLDEN CHALICE RESOURCESS INC. Page: 1 of 7 Northing: 9380 DRILL HOLE RECORD Drill Hole: GCL07-05 Easting: 7234 *** Dip Tests *** Elevation: 0 Project: Langmuir VTEM Depth Azi. Dip Property: Langmuir Collar Azi.: 340.0 Claim: 4203498 -50.0 Collar Dip: 29 339.1 -49.1 N/A Northing: 80 338.9 -49.0 Easting: N/A 131 341.4 -49.3 GPS Northing: 5349380 Hole length: 260.00 497234 182 343.0 -50.2 GPS Easting: Units: Metric 260 344.5 -49.7 Date Started: April 15,2007 Core size: NQ Date completed: April 18,2007 Grid: Drilled by: Norex Sample type: Cut Core Materials left: PM 30g FA, BM AA Casing Analyses: Collar survey: GPS Lab: Expert DH Survey method: Reflex Sample series: 35001 18403 Lab report:

Comments: Logged by:

Date(s) logged:

G. Sparling April 26,2007

Purpose: Core storage: Test VTEM Conductor Moneta Facility Timmins guilord lovell

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	dq mqq	Co ppm
.00	22.00	overburden							·						
22.00	29.80	FAULT ZONE Fault zone in ultra mafic volcanic (peridotite), adcumulative, dark black fine grained, moderately soft to soft, very weakly magnetic. Weakly chlorite altered with a moderate talc alteration. Mixed carbonate alteration consisting of a weak ankerite alteration and patchy calcite localized around stringer. 20% Broken core with consolidated fault gouge material, 60% rqd, 75% recovery. Strong low angle foliation at 15-30 degrees to core axis with local breccia consolidated with calcite, carbonate, clay and chlorite. 3-5% Quartz-carbonate and quartz-calcite stringers at variable angles from 15-40 degrees to core axis. Fracturing at 40 to 80 degrees to core axis with chlorite and calcite tracture filling. Rare coarse pyrite. Lower contact at 75-80 tca.													
29.80	57.40	ULTRAMAFIC VOLCANIC Dark black to grey, fine grained, peridotite flow, mesocumulate, moderately soft to soft, weakly magnetic. Alteration consists of weak to moderate chlorite, ankerite and													

From (m)	01 (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
57.40	67.70	Lithology uncertain as unit is believed to be biotite rich-altered peridotite flow but unit maybe an mafic intrusive. Dark brown to greyish, medium grained, visible biotite in matrix, fairly massive with several dark bands, hard, rare sections of magnetism. Fairly competent unit with very minor sections of broken core. Fracturing at 25-30 degrees to core axis with chlorite fracture filling. 2: Dark brown, fine grained, 1-2cm wide biotite stringers (?)						550	pp.	bku	Pom	PP	Popul	ppm	ррп
67.70	73.40	at 25-30 tca. 0.5% Calcite stringer at 75 degrees to core axis with a few secondary stringers at 30 tca. Frace yellow-brown very coarse pyrite associated with stringers and fractures. Lower contact at 30 tca.			·										

From (m)	To (m)	Geology	Sample	From (m)	To (m)	(m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb Pb	Co ppm
73.40	79.20	Lower contact at 70 tca. MIXED ULTRAMAFIC VOLCANIC/GRAPHITIC SEDIMENT Ultra mafic volcanic/ graphitic sediments mix. Grey-grey with black sections, fine and medium grained sections, hard, massive, non magnetic. Interval is a mix of unaltered pyroxenite flows, heavily altered to black pyroxenite flows with sections of faulted graphitic sediments. Alteration consists of mostly black staining of pyroxenite from graphitic sediments with less altered sections having a weak patchy calcite alteration. Some sections are very hard indicating some local silicification. Unit has minor sections of broken core with fracturing at 70 degrees to core axis and having sections of graphite and chlorite fracture filling. 0.5% Chlorite and calcite stringers at 50-60 degrees to core axis. Trace coarse grained pyrite associated with stringers. 73.40 74.00 Dark black faulted graphitic sediments with minor fault gouge and silvery black fractures. 74.80 75.00 Graphitic sediments with trace fault gouge and graphitic fractures. 76.30 78.70 Heavily masked random spinifex texture due to black alteration or staining. Lower contact at 40 tca.													
79.20	108.30	ULTRAMAFIC VOLCANIC Dark black to grey peridotite flow, fine grained, adcumulative, massive, moderately hard, weakly magnetic. Weakly chlorite altered with weak to moderate pervasive calcite alteration. Occasional sections of broken core. Fracturing at 40-50 degrees to core axis with chlorite and local secondary calcite fracture filling. 1-2* Black chlorite stringers at 25-30 and 65 degrees to core axis. 2-3* Hairlike calcite stringers at 30 and 50-60 degrees to core axis. Trace coarse pyrite on fractures and stringers. 87.50 92.30 Increased local fracturing and minor faulting. 93.00 Unit becomes more massive with 1-2* greenish white serpentine stringers at 70-80 tca. 103.70 106.20 Well developed spinifex texture throughout interval. 106.20 108.30 Unit becomes dark black to green due to staining form a few graphitic sediment sections up 6 inches thick. Lower contact at 35 tca.													

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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
108.30	111.30	GRAPHITIC SEDIMENT Dark black, fine grained, massive, moderately hard to hard, non magnetic. Conductivity of unit checked and unit was found to be very conductive with patchy non conductive probably altered ultra mafic sections. Weak patchy calcite alteration with higher concentration around calcite stringers. A few sections of broken core with weakly consolidated fault gouge material and visible silvery-black graphite on the fractures. Fracturing generally at high angles with graphitic fracture throughout. Very weak localized foliation at 50 degrees to core axis. A few ripped up calcite stringers at 50 degrees to core axis. A few specks of dull yellow coarse pyrite on fractures. Lower contact at 70 tca.													
111.30	134.00	ULTRAMAFIC VOLCANIC Dark green to black pyroxenite flow with inter mixed graphitic sediments up until around 114.5. Fine to medium grained, moderately hard, patchy very weak magnetic sections. Patchy weak to moderate chlorite alteration with weak tale alteration, patchy rare calcite altered. Well developed olivine spinifex texture throughout unit. Fracturing at 65-75 degrees to core axis with chlorite and rare calcite filling. A few calcite stringers/fracture filling with orange to brown associated oxidation. Rare calcite stringers at 75 degrees to core axis. A few specks of coarse pyrite on fractures. 112.50 112.90 Dark black, fine grained faulted graphitic sediments. 122.00 Unit becomes more grey in color with a couple sections of broken core.													
134.00	146.40	ULTRAMAFIC VOLCANIC Lark grey to black, medium to coarse grained, massive, mesocumulate to orthocumulate peridotite flow (?), moderately hard, very weak magnetism. A few sections of platy spinifex texture associated with foliation parallel to core axis. Weak to moderately chlorite and ankerite altered. 3-57 Whitish grey ankerite with some serpentine association at various angles 15-20 and 40-50 degrees to core axis. Trace coarse pyrite. Fracturing at 60-70 degrees to core axis with chlorite and carbonate filling. 137.30 138.80 Light brownish flaky mineral with some of it		137.30	138.30	1.00	7	5	5	<.2	67	1001	53	31	61

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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	Ni ppm	Zn ppm	Pb pm	Co
		though to be pyrite. 140.90 142.70 Platy olivine spinifex texture with foliation at 0 tca. 144.90 Orange to brown oxidation on fracture. Gradual lower contact.													
146.40	164.40	ULTRAMAFIC VOLCANIC Dark black to grey fine grained, locally massive, non magnetic, moderately soft to moderately hard locally. Peridotite flow with inter mixed graphitic sediments. Sections of well developed spinifex texture throughout unit. Weakly calcite and weak to moderately chlorite altered with patches of ankerite alteration. 25-30* Dark black sections of graphitic sediments/ highly stained flow with associated sections of broken core due to silvery black graphitic fractures. 60* Rqd with 75-80* recovery. Fracturing at various angles 20, 40-50 and 60-70 degrees to core axis, predominately graphite filled fracture with some dark green black chlorite filling. Trace-0.5% coarse pyrite on graphitic fractures around 148m otherwise trace amounts. 3-5% Locally irregular ankerite stringer with most stringers at 40-50 tca. 152.00 154.00 Highly calcite altered section with a few calcite stringers, minor oxidation. 156.00 Minor section of broken core due to poorly consolidated fault gouge. 67adual lower contact.													
164.40	197.70	ULTRAMAFIC VOLCANIC Dark grey, black and green, fine to medium grained peridotite flow with lighter green section of pyroxenite (?). Moderately soft to moderately hard, very weak local magnetism. Weak ankerite alteration with patchy calcite around graphitic units, weak talc and chlorite alteration throughout. Several well developed spinifex textured areas with some platy and blade like spinifex textures throughout unit. 10% Minor sections of broken core with a general association to graphitic units or fracture filling. Fracturing at 50-70 degrees to core axis, fracture filling consists chlorite, graphite, rare carbonate and trace clay gouge. Trace-0.5% calcite and ankerite stringers at 35-40 degrees to core axis. Rare dull brown yellow coarse pyrite on fractures. 170.50 173.00 Very platy section of olivine spinifex texture. 173.10 173.70 Dark black, fine grained, graphitic sediment, well foliated at 30 degrees to core axis with ripped up calcite stringers, sharp contact at 20													

from	То	Geology	Sample	From	То	L	Au	Pt	Pd	Ag	Cu	Ni	žn	Pb	Co
(m)	(m)			(m)	(m)	(m)	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		and 10 tca. 174.50 176.30 80% graphitic sediments with inter mixed peridotite, weak foliation, sections of brecciation cemented by graphite, sharp contacts at 30 and 50 tca. 194.00 197.00 Several dark black patches or maybe fragments in green black matrix with blades of spinifex throughout. Gradual lower contact.													
197.70	252.00	ULTPAMAFIC VOLCANIC Dark black, fine grained, massive, hard, weakly magnetic, peridotite flow, adcumulative (?). Weakly to moderately serpentine altered, no reaction to HCl. Occasional section of platy and blade like spinifex texture throughout unit. Fracturing at 50-60 degrees to core axis with localized fractures at 10-15 degrees to core axis. 10% Sections of broken core generally associated with low angle fracturing and minor faulting. Dark green chlorite and green-white serpentine carbonate fracture filling. 3-5% White green (fibrous) serpentine stringers locally with calcite at various angles 40 and 50-60 degrees to core axis. 1-2: White calcite stringers at 65-70 tca. Trace coarse pyrite on fractures. 199.00 200.00 Platy random olivine spinifex texture. 201.00 A few specs of pyrrhotite on fracture. 212.00 216.50 Modetately serpentine altered section giving interval a more green color with increased blade like spinifex texture. 217.00 218.00 Minor fault zone, 70% broken core, minor sections of fault gouge up to 1 inch, section more green colored. 220-221 Platy dark black chloritic olivine spinifex textured section. 228.30 2.00 Inch white quartz-calcite veinlet at 70 tca. Lower contact at 60 tca.													
252.00	253.30	GRAPHITIC SEDIMENT Dark black, fine grained, moderately hard, non magnetic, weak patchy conductivity. No reaction to HCl. Weak foliation at 40 degrees to core axis, fracturing at 40 degrees to core axis with silvery black graphitic fractures, 15% rqd. No visible mineralization. Lower contact at 40 tca.													
253.30	260.00	MAFIC DYKE Dark brown with some greyish section, fine to medium grained,													

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From (m)	To (m)	Geology	Sample	From (m)	T0 (m)	L (m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Ppm Co
		massive, porpheritic with depth, hard, non magnetic. Weakly calcite altered with some minor silicified sections. Fracturing at 40 degrees to core axis with dark green to black chlorite filling. Trace coarse grained pyrite on fractures. A few hairlike calcite stringers at 40 tca. 256.60 Unit becomes increasingly porpheritic with depth, generally white quartz-feldspar													
260.00		END OF HOLE													
							i								

Date: 30 Jan, 2008		GOLDEN CHALICE RESOURCESS INC.		Page: 1 of 5
Northing:	8373	DRILL HOLE RECORD	Drill Hole:	GCLU /-U /
Easting:	762			
Elevation:	0	*** Dip Tests ***	Project:	Langmuir VTEM
		Depth Azi. Dip	Property:	Langmuir
Collar Azi.:	325.0		Claim:	4203570
Collar Dip:	~55.0	26 306.1 -51.1	Northing:	N/A
		77 325.9 -51.9	Easting:	N/A
		128 328.4 -52.7	GPS Northing:	5348373
Hole length:	302.00	179 327.1 -53.6	GPS Easting:	500762
Units:	Metric	230 341.2 -53.8	Date Started:	April 28, 2007
Core size:	NQ	302 324.9 -53.5	Date completed:	•
Grid:			Drilled by:	Norex
			Sample type:	Cut Core
Materials left:	Casing		Analyses:	PM 30g FA, BM AA
Collar survey:	GPS		Lab:	Expert
DH Survey method:	Reflex		Sample series:	35102-22
-			Lab report:	18230
Comments:			Lub repore.	10230
Logged but	C Constinu			

Logged by: Date(s) logged:

G. Sparling May 9-12,2007 Test VTEM Moneta Facility Timmins

Purpose: Core storage:

single some l

From (m)	To (m)	Geology	Sample	From (m)	To (m)	(m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Nı ppm	Zn ppm	Pb ppm	Co ppm
.00	17.70	OVERBURDEN Nw casing to 18m.		_											
17.70	44.00	ULTRAMAFIC VOLCANIC Dark black, fine grained, massive, hard, moderately magnetic, peridotite flow. Weak serpentine altered, very weak patchy calcite. Several fairly large fracture zones with fracturing at 20, 30, 50 and 60 degrees to core axis. Minor green-yellow (mm) serpentine fracture filling. Occasional local serpentine-calcite healed micro fractures. Rare irregular white-greenish serpentine-calcite stringers. Scattered specks of dull yellow-brown pyrite on fractures. 17.70 23.00 Large fracture zone, 0% rqd, poorly recovery. 28.60 Dark black-silvery very minor graphitic fracture (2-3mm), extremely weak conductivity. 38.50 42.30 Fracture zone with 50% rgd, 85% recovery. Gradual lower contact.													
44.00	84.20	ULTRAMAFIC VOLCANIC Dark black to grey, fine to medium grained, moderately hard to hard, weakly magnetic, mesocumulate to adcumulate peridotite flow. No reaction to HCl, patchy very weak serpentine alteration, patchy carbonate alteration.		ı											

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
		Moderately fractured unit with several minor fracture zones at 30, 40-50 degrees to core axis and serpentine fracture filling. Occasional local serpentine-calcite healed micro fractures. Localized silvery-black graphitic fractures with very weak conductivity. Scattered irregular black serpentine and white calcite serpentine stringers. Rare dull yellow to brown coarse pyrite on fractures. 68.00 Unit becomes more competent (less fracturing), greyish, medium grained, mesocumulate. 71.00 77.00 2-3% irregular white calcite stringers. Gradual lower contact.													
84.20	129.26	ULTRAMAFIC VOLCANIC Dark black to grey, very fine to fine grained, hard, weakly magnetic, adcumulate peridotite flow. Patchy very weak serpentine and calcite altered. 25% Fractures zones with fracturing at 20-30 and 40-50 degrees to core axis with (mm) of green-yellow serpentine fracture filling. Trace-0.5% dull yellow coarse pyrite and brown to brassy pyrrhotite on fractures and rarely in matrix. 88.40 92.00 Heavily fractured section with 50% rgd and around 70% recovery. 98.00 103.20 Massive grey section more mesocumulate and very competent core. 103.20 111.50 Dark black adcumulative fracture zone with increased serpentine fracture filling (mm) and rare silvery-black graphite. 115.00 Increased occurrence of silvery to black weakly conductive graphitic fractures. Sharp contacts at 55 tca. 123.20 124.20 Check sample, 0.5% pyrrhotite on fractures.			124.20 129.20			8 7	97	.2<.2		737 616		20 16	56 48
129.20	131.10	INTERMEDIATE DYKE Light grey, medium grained, weakly porpheritic, hard, non magnetic. No reaction to HCl, patchy silicification and chlorite alteration. A few fractures at 60 degrees to core axis with local micro fractures healed with chlorite. A few minor ripped up calcite stringers. Speckled brown-yellow spots scattered throughout, maybe leucoxene. No visible sulphides. Lower contact at 60 tca.	35105		130.20 131.10			<5 <5	<5 <5			57 30		13 10	10
131.10	203.20	ULTRAMAFIC VOLCANIC Dark black, fine grained, massive, hard, moderately magnetic, peridotite flow, adcumulate.													

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From (m)	To (m)	Geology	Sample	From (m)	To (m)	(m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	₽pm Co
		No reaction to HCl, patchy weak serpentine. Fracturing at 40 and 60 degrees to core axis with serpentine and occasional weakly conductive graphite filling. Rare white-grey hairlike serpentine-calcite stringers. Trace random dull brown coarse pyrite and dull brown-brassy pyrrhotite on fractures. 131.10 131.60 Bracket sample. 135.00 1.00 Intermediate dyke, grey, silicified, micro fractured, sharp contacts at 30and 35 tca. 149.00 173.50 Major fracture zone, still adcumulate, variable angled fractures and increased graphite and serpentine filling, patchy white (fibrous) chrysotile, rare pyrite and pyrrhotite on fractures. 173.50 203.20 Unit still fractured, maybe 40% of unit, increased low angle fractures, minor graphite and carbonate on fractures, non conductive. Gradual lower contact.	35106	131.10	131.60	.50	<5	10	8	<.2	41	414	34	16	40
	225.20	Dark black, fine grained, massive, hard, weakly magnetic, peridotite flow, addumulate. Rare weak calcite alteration haloing stringers. Minor fracturing at 60-70 degrees to core axis with a few at 30 degrees to core axis. Fracture filling consists mostly of serpentine with rare calcite and graphite on fracture. Graphitic fractures are non conductive to very weakly conductive. Local grey sections with blotches of calcite alteration. 2-3* Hairlike white to grey-white serpentine and calcite-serpentine stringers at 0-20 and 45 tca. Trace amounts of dull yellow coarse pyrite and coarse brassy pyrrhotite on fractures and rarely associated with stringers. 206.50 207.00 Random spinifex texture, some platy and some are blades. 215.10 Localized grey section with very faint blades of olivine spinifex texture. 220.20 Minor 6-7 inch ruble zone. Sharp lower contact at 60 tca. 224.70 225.20 Bracket sample.	35107	224.70	225.20	.50	<5	14	12	.3	35	208	33	17	30
		No reaction to HCI, maybe very weak chlorite alteration. Minor fracturing at 50-70 degrees to core axis with very minor calcite and chlorite filling. Local chlorite-calcite-quartz healed micro fractures. 2-3: Ripped up quartz-carbonate, quartz-calcite with orange-pink feldspar stringers at random angles.													

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From (m)	To (m)	Geology	Sample	From (m)	T _O (m)	L (m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co
	-	Trace coarse bright yellow chalcopyrite associated with micro fracture and occasionally with stringers distributed randomly throughout.													
		225.20 226.10 Trace chalcopyrite in micro fractures and stringers.	35108	225.20	226.10	.90	<5	9	10	. 3	113	87	31	16	20
		226.10 227.00 Trace chalcopyrite in micro fractures and stringers.		226.10	227.00	.90	7	8	7	.3	77	102	30	18	24
		227.00 227.90 Trace chalcopyrite in micro fractures and stringers. 227.50 227.90 Weakly brecciated section with chlorite healing. Sharp lower contact at 55 tca.	35110	227.00	227.90	. 90	5	11	12	.2	114	163	47	19	31
227.90	238.60	ULTRAMAFIC VOLCANIC Dark grey to black, very fine to fine grained, moderately hard to hard, massive, non magnetic to very weakly magnetic sections Peridotite flow, adcumulate with section of mesocumulate. No reaction to HCl, patchy grey carbonate alteration. Very minor sections of broken core with fractures at 50-70 degrees to core axis,. Random serpentine-calcite fracture filling (mm). Trace-0.5% brassy to brown coarse pyrrhotite on fractures and associated with stringers, rare weak conductivity. 1-2% Calcite stringers at 25 tca.													
		227.90 228.40 Bracket sample.			228.40				<5		40	97			
		229.50 230.00 Bracket sample. 230.00 231.00 Trace to 0.5% brassy-brown pyrrhotite on	35112 35113					8 6	6 6		45 55	980 964	21 27	22 22	
		fractures and associated with stringers. 231.00 231.50 Bracket sample. 232.20 236.00 Minor sections of broken core, maybe 30%, rare graphitic fracture. 237.50 Poorly developed foliation begins, foliation at 50 tca.		231.00	231.50	.50	<5	7	6	.3	36	1120	25	21	67
		Sharp lower contact at 30 tca. 238.10 238.60 Bracket sample.	35115	238.10	238.60	.50	8	8	15	3	66	666	47	24	59
238.60	241.10	·		238.60 239.50	239.50 240.50	.90 1.00	<5 <5	1 4	7 <5	<.2 .2		77 42 20	72 70	28 29	24 20

From T (m) (241.10 254	ULTRAMAFIC VOLCANIC Dark grey, fine grained, hard, weakly magnetic, peridotite flow, mesocumulate to adcumulate. Fatchy weak calcite alteration. Weak localized foliation at 60 tca. Fracturing at various angles 65-75 degrees to core axis with serpentine and rare calcite fracture filling. 2% Irregular calcite stringers. Trace brassy coarse pyrrhotite on fractures and with stringers. 241.40 242.00 Bracket sample. 242.00 243.00 Trace-0.5% pyrrhotite on fractures. 243.00 244.00 Check sample. 244.00 244.50 Dark brown section, coarse grained, weakly calcite altered, trace pyrite. 244.00 244.50 Check sample. 250.50 Several section of micro fractures with serpentine healing.	35119 35120 35121	(m) 241.40	To (m) 242.00 243.00 244.00	1.00	5	<5	9			Ni ppm	2n ppm	Pb ppm	Co ppm
241.10 254	Dark grey, fine grained, hard, weakly magnetic, peridotite flow, mesocumulate to adcumulate. Fatchy weak calcite alteration. Weak localized foliation at 60 tca. Fracturing at various angles 65-75 degrees to core axis with serpentine and rare calcite fracture filling. 2% Irregular calcite stringers. Trace brassy coarse pyrrhotite on fractures and with stringers. 241.40 242.00 Bracket sample. 242.00 243.00 Trace-0.5% pyrrhotite on fractures. 243.00 244.00 Check sample. 244.00 244.50 Dark brown section, coarse grained, weakly calcite altered, trace pyrite. 244.00 244.50 Check sample. 250.50 Several section of micro fractures with serpentine healing.	35119 35120 35121	241.40 242.00	242.00	.60	5	<5	9						
241.10 254	Dark grey, fine grained, hard, weakly magnetic, peridotite flow, mesocumulate to adcumulate. Fatchy weak calcite alteration. Weak localized foliation at 60 tca. Fracturing at various angles 65-75 degrees to core axis with serpentine and rare calcite fracture filling. 2% Irregular calcite stringers. Trace brassy coarse pyrrhotite on fractures and with stringers. 241.40 242.00 Bracket sample. 242.00 243.00 Trace-0.5% pyrrhotite on fractures. 243.00 244.00 Check sample. 244.00 244.50 Dark brown section, coarse grained, weakly calcite altered, trace pyrite. 244.00 244.50 Check sample. 250.50 Several section of micro fractures with serpentine healing.	35119 35120 35121	242.00	243.00	1.00		<5	9	.3	4.0	AF			
254.40 302 302.00	ULTRAMAFIC VOLCANIC Dark black, fine grained, massive, moderately hard to hard, weak to moderately magnetic sections, peridotite flow, adcumulate. No reaction to HC1, very weak patchy serpentine. Fracturing at various angles 20, 50, 60 and 70 tca. Fracture filling consists of dark green serpentine with occasional calcite and white up to 1cm fibrous serpentine-chrysotile filling. Several minor fracture zone (45%) and local minor faulting. Localized sections of calcite and serpentine healed breccia. 2-3% Irregular calcite stringers. Rare pyrite and pyrrhotite on fractures. 257.10 257.60 Minor fault zone with 30% rqd and sharp contacts with fault gouge (1-2cm) at 40 and 35 tca. 267.00 Unit becomes increasingly fractured. 267.10 Minor fault zone composed mainly of breccia rehealed with clay gouge. 286.10 286.30 Light grey, medium grained, weakly silicified, grey alteration (?). 287.00 Unit becomes darker black, fine grained, very massive, weak to moderately serpentine altered.		244.00	244.50		<5	9		.3	92	967 728	58 33 57 75	27 20 32 46	43 69 60

Date: 30 Jan, 2008 GOLDEN CHALICE RESOURCESS INC. Page: 1 of 9 Northing: 9080 DRILL HOLE RECORD Drill Hole: GCL07-08 Easting: 738 Elevation: 0 *** Dip Tests *** Project: Langmuir VTEM Depth Azi. Dip Property: Langmuir Collar Azi.: 325.0 Claim: 3017517 Collar Dip: -55.0 53 326.3 -54.7 Northing: N/A Easting: 104 324.5 -55.6 N/A 155 326.4 -56.0 GPS Northing: 5349080 Hole length: 326.00 206 330.5 -55.9 GPS Easting: 500738 Units: Metric 257 329.8 -56.3 Date Started: May 9,2007 Core size: NQ 326 329.0 -56.8 Date completed: May 15,2007 Grid: Drilled by: Norex Sample type: Cut Core Materials left: Casing PM 30g FA, BM AA Analyses: Collar survey: Lab: Expert DH Survey method: Reflex Sample series: 35272-318 Lab report: 18496 Comments: Logged by: G. Sparling

gilragh spack

Date(s) logged:

Core storage:

Purpose:

May 14,2007

Moneta Facility Timmins

Test VTEM

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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	Nı ppm	Zn ppm	Fb ppm	Co ppm
.00	41.70	OVERBURDEN Casing.													
41.76	47.00	ULTRAMAFIC VOLCANIC Dark grey-black, fine grained, locally massive, moderately hard to hard, weakly magnetic, peridotite, mesocumulate. Very weak reaction to HCl indicating patchy calcite. Weakly brecciated with chlorite-serpentine-calcite healing. Fracturing at 65-70 degrees to core axis with very minor serpentine and rare carbonate on fractures. Very minor section of broken core. 1-2% White calcite stringers with rare quartz-calcite stringers at various angles 50 and 65 tca. 0.5% Irregular white-green carbonate stringers. 0.5% Very coarse bright yellow-brown pyrite generally associated with stringers and fractures. Lower contact at65-70 tca.													
47.00	49.40	FAULT ZONE Dark grey-black, fine grained, moderately hard, very weakly magnetic, minor fault zone in peridotite, mesocumulate. Weak to moderate calcite alteration locally. Poorly rqd at maybe 15-20%. Several heavily broken sections with up to 5% fault gouge. Fracturing at 65-70 degrees to core axis with dark green to		•											

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	Pb ppm	Co ppm
		black serpentine filling. More competent rock is brecciated and healed with serpentine and calcite. Trace remnant brecciated calcite stringers. Trace yellow-brown coarse pyrite. Lower contact at 65-70 tca.													
49.40	71.20	ULTRAMAFIC VOLCANIC Dark grey-black with some greenish sections, fine to medium grained, locally massive, moderately hard to hard, weakly magnetic, peridotite flow, adcumulate-mesocumulate (?). Patchy calcite alteration. Fracturing at 65-70 degrees to core axis with minor serpentine-calcite filling. 10-15% Sections of minor broken core with some associated fault gouge. Weak to moderate brecciation with predominately calcite and some serpentine healing. 0.5% White calcite stringers at 45 tca. Trace dull yellow coarse pyrite on fractures with localized 0.5% pyrite, trace local pyrrhotite. 60.50 Unit becomes increasingly brecciated and fractured with fractures at 0-10 tca. Fractures and													
		brecciation generally healed with clay gouge. 65.20 66.20 Bracket sample. 66.20 66.90 0.5% coarse pyrite with trace pyrrhotite on fractures. 66.50 Local swirlly blades of olivine spinifex texture.	35272				<5 <5		8 <5		116 104				
		66.90 67.60 Bracket sample. 67.60 Standard ni 111.	35274	66.90	67.60	.70	<5	5	6	<.2	94	594	31	47	50
		67.60 68.60 Bracket sample. 68.60 69.60 lcm brown sphalerite stringer at 60 tca. 68.70 lcm brown sphalerite stringer at 60 degrees to core axis.	35275 35276 35277	67.60 67.60 68.60	68.60	1.00	<5				86	569	43 43 ****	40	48
		Gradual lower contact. 69.60 70.60 Bracket sample.	35278	69.60	70.60	1.00	<5	14	16	<.2	124	619	85	50	50
71.20	119.00	ULTRAMAFIC VOLCANIC Dark black, fine grained, massive, weakly magnetic, moderately hard to hard, adcumulate peridotite flow. Patchy high calcite with very weak serpentine alteration. Fracturing at 60-65 degrees to core axis with occasional low angle fractures. Fracture filling consists of very minor mm thick serpentine and calcite. A few very minor localized sections of broken core. Trace coarse pyrite related to fracture/stringers. 1-2; Calcite, serpentine-calcite stringers at various angles 25-30 degrees to core axis and a few at 50 tca. 83.80 89.30 Grey to green gouge fault, well healed with mm													

From (m)	To (m)	Geology	Sample	From (m)	To (m)	(m)	Au ppb	Pt ppb	Pd ppb	Ag Ag	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm
		sized sub rounded wall fragments. 92.30 99.00 Unit becomes lighter grey due to increased calcite stringer type alteration. 102.00 104.30 Minor sections of broken core with local fault gouge. 113.00 118.50 Fracture zone with maybe 20% rgd. Gradual lower contact.													
119.00	154.40	Dark black, very fine to fine grained, massive, weakly magnetic to weak to moderately magnetic, hard, peridotite flow, adcumulate. Weak serpentine alteration with rare very weak calcite alteration. Fracturing at 40, 50 and 60-65 degrees to core axis with serpentine filling and occasional calcite. Several minor fracture zones generally associated with elevated fracture filling thicknesses. Several generations of white serpentine and calcite-serpentine stringers with some greenish halo's at various angles 20, 60 and 70 tca. Rare dull yellow coarse pyrite on fractures and pyrrhotite associated with calcite stringers. 120.00 120.70 Very faint remnant blades of spinifex texture. 126.50 127.00 Faint blades of olivine spinifex texture. Lower contact at 50 tca.													
154.40	157.50	MAFIC DYKE Dark grey-green-black, medium grained, massive, homogeneous, hard, weakly magnetic, peridotite (?). No reaction to HCl, weak chlorite alteration (?). Weak to moderately brecciated throughout with chlorite-serpentine healing. Localized shearing at 65-70 degrees to core axis. Fracturing at various angles 30, 40, 50, 60 and 70 degrees to core axis with very minor serpentine fracture filling. Rare dark green serpentine stringers at 55 tca. Scattered brassy brown fine and coarse pyrrhotite in matrix, brecciation and on fractures up to 1-2%. Lower contact at 60 tca.		153.40	154.40	1.00	6	10	12	<.2	66	566	89	50	53
157.50	192.30	154.40 155.40 0.53 pyrrhotite. 155.40 156.40 1-2% pyrrhotite. 156.40 157.50 1-2% pyrrhotite. ULTRAMAFIC VOLCANIC Dark black, fine grained, massive, weakly magnetic, adcumulate, peridotite flow. Minor calcite alteration around calcite stringers with patchy very weak serpentine.	35281 35282	155.40	155.40 156.40 157.50	1.00	9	6 <5 15	8 <5. 11	<.2	82		58	34 34 37	27 30 39

From (m)	To (m)	Geology	Sample	From (m)	To (m)	(m)	Au ppb	Pt ppb	Pd ppb	Ag	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co Co
		A few very minor localized sections of broken core. Fracturing at 65-75 degrees to core axis with minor calcite and serpentine filling. 1-2% White colcite stringers with some serpentine cut unit at 70-75 degrees to core axis. Rare pyrite and pyrrhotite on fractures. 157.50 158.50 Bracket sample. 166.30 167.10 Very faint randomly oriented blades of clivine spinifex texture. 170.00 170.70 Patchy blades of clivine spinifex texture. 173.00 180.50 Section of minor broken core and spinifex texture with patchy serpentine alteration. 181.50 2-3% 75-80 degrees to core axis green-white serpentine stringers. 187.20 6.5inch white quartz-calcite vein with 60 tca. Lower contact at 75 tca.	35283	157.50	158.50	1.00	8	10	13.	<.2	131	597	29	36	51
192.30	196.20	ULTRAMAFIC VOLCANIC Khaki green, fine to medium grained, weakly magnetic, hard, pyroxenite flow or possible altered peridotite (?). No reaction to HCl, patchy graphitic alteration starting around 194.2m. A few sections of broken core making up maybe 15% of unit. Fracturing at various angles 20-30 and 50 tca. 1-2- Yellow to dull yellow coarse pyrite on and along fractures. 2-3% Brassy to dull brown pyrrhotite in matrix and on and along fractures. 193.30 193.80 Well developed platy spinifex texture. 194.20 Patchy graphitic alteration starts with minor graphite mixed with serpentine fracture filling. Irregular lower contact at 70 tca. 194.20 195.20 Trace pyrite and pyrrhotite.	35284		195.20 196.20						77 99		48 39	34 44	60 71
196.20	197.20	GRAPHITIC SEDIMENT Dark black, aphanitic, non magnetic, moderately hard, weakly to highly conductive. Patchy highly calcite altered. Highly fractured at 50-60 degrees to core axis with silvery to black graphite on fractures. Approximately 0.2m of core missing around minor graphitic fault gouge. Trace dull yellow coarse pyrite on fractures a few lcm pyritic bands. 1:-1.53 Brassy-brown pyrrhotite along fractures and locally disseminated in matrix. Lower contact at 70 degrees to core axis. 196.20 197.20 19-1.52 pyrrhotite and trace pyrite.		196.20	197.20	1.00	10	24	16	<.2	106	773	3287	59	83
197.20	200.10	ULTRAMAFIC VOLCANIC													

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From (m)	To (m)	Geology	Sample	From (m)	To (m)	(m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	ppm Co
200.10	203.20	Dark black, very fine grained, massive, hard, non magnetic, highly conductive. Patchy calcite alteration. Fracturing at 30 and 50 degrees to core axis with silvery to black graphite on fractures. Rqd of 40-50% due to large graphitic fracture zone. A few calcite stringers/ fractures at various angles 30 and 40 tca. 2-3% Brassy to dull brown pyrrhotite in matrix, fractures and as local blebs. Trace coarse pyrite on fractures.	35287 35288 35289	198.10	198.10 199.10 200.10	1.00	<5	14 20 16	12	<.2	94 81 84	819 1076 1169	42	55 38 46	70 82 90
		Possible trace chalcopyrite on fractures locally. Lower contact in highly fractured section, estimated to be around 50-55 tca. 200.10 201.10 3% brassy pyrrhotite on fractures, stringers,		200.10	201.10	1.00	16	21	8	<.2	213	203	2520	55	66
		and as blebs. 201.10 202.10 1-2% pyrrhotite blebs and disseminations, trace-0.5% coarse pyrite and possible trace	35291	201.10	202.10	1.00	5	6	<5	.3	278	234	1892	60	85
		chalcopyrite. 202.10 203.20 Trace very coarse yellow pyrite and rare pyrrhotite, highly fractured.	35292	202.10	203.20	1.10	<5	6	8	<.2	111	924	325	42	86
203.20	215.80	ULTRAMAFIC VOLCANIC Dark grey to black, fine to medium grained, weakly magnetic, hard, peridotite flow, mesocumulate. Patchy very weak calcite alteration. Fracturing at variable angles 40, 45, 50 and 60 degrees to core axis with minor serpentine and calcite fracture filling. Several minor sections of broken core related to thin inter flow graphitic sediments and silvery to black graphitic fractures. 0.5r White calcite stringers at 30~35 degrees to core axis with a few greyish white serpentine stringers. Random specks of pyrite and pyrrhotite on fractures. 203.20 206.40 Blade like spinifex texture becoming more random and faint with depth.													

From	То	Geology	Sample	From	То	L	Au	Pt	Pd	Ag	Cu	Ni	Zn	Pb	Со
(m)	()			(m)	(m)	(m)	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		203.20 204.20 Trace pyrite and pyrrhotite on fractures. 204.20 205.20 Trace pyrite and pyrrhotite on fractures. 210.00 Graphitic fractures and inter flow sediments begin.	35293 35294	204.20					<5 11	<.2 <.2	108 82	453 235	52 38	37 32	64 50
		214.80 215.80 Trace-0.5% pyrrhotite on fractures. 215.60 Local spinifex texture with some pyrrhotite in matrix and on fractures. Lower contact at 70-75 tca.	35295	214.80	215.80	1.00	<5	10	14	<.2	111	1140	114	39	101
215.80	218.80	Dark black, fine grained, massive, on magnetic, hard, highly conductive with weak patchy conductivity, graphitic argillite. Patchy highly calcite altered with pervasive graphitic alteration. Fracturing at various angles 40-45 and 55 degrees to core axis with predominately silvery grey graphitic fractures and occasions of serpentine. Poorly developed foliation scattered throughout at 55 tca. Good rqd (75%) with a few minor fracture zone due to elevated graphitic fractures. 0.5% White calcite stringers at 55 tca. Scattered dull yellow coarse pyrite on fracture and associated with stringers. 1% Brassy brown pyrrhotite associated with stringers and fractures. Lower contact at 40 tca. 215.80 216.80 1% locally blebby coarse pyrrhotite in matrix and on fractures. 216.80 217.80 0.5%-1% pyrrhotite associated with fractures and stringers.	35296 35297		216.80				22 16				2113 1976		11 4 119
218.80	228.00	217.80 218.80 0.5%-1% pyrrhotite associated with fractures and stringers. ULTRAMAFIC VOLCANIC	35298	217.80	218.80	1.00	<5	8	10	.2	378	451	675	115	146
		Dark grey to black, fine to medium grained, weakly magnetic, hard, peridotite flow, mesocumulate. No reaction to HCl, patchy very weak serpentine alteration. Fracturing at 50 degrees to core axis with a few at 30 degrees to core axis with minor serpentine and carbonate on fractures. 1-2% White (fibrous) serpentine stringers at various angles 30 and 50 degrees to core axis with localized irregular clusters. Localized dull brown-brassy pyrrhotite on fractures. Structurally sound unit with rqd of 90%. Lower contact at 30 tca. 218.80 219.80 Bracket sample. 220.90 221.70 Bracket sample. 221.70 222.10 0.5% pyrrhotite on fractures. 222.10 223.00 Bracket sample.	35300 35301 35302	219.80 220.90	221.70 222.10	.00 .80 .40	<5 <5 6	10 8		<.2 <.2	143 80 81 87 68	1059 56 762 854 851	44 32 23 21 21		84 15 58 61 60
228.00	229.20	INTERMEDIATE DYKE													
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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 mqq	Co ppm
		Dark brown to grey, medium grained, massive, hard, on magnetic, peridotite flow (?). Highly calcite altered with weak patchy chlorite alteration (?). Minor section of broken core with fracturing at 60 degrees to core axis and chlorite-serpentine filling. Rare calcite stringers at 75 degrees to core axis. A few specks coarse pyrite on fractures. Sharp lower at 30 tca.													
229.20	237.10	ULTRAMAFIC VOLCANIC Dark grey to black, fine to medium grained, weakly magnetic, hard, peridotite flow, mesocumulate. Patchy very weak calcite alteration with patchy weak serpentine-ankerite alteration. Poorly developed foliation at 60-70 tca. Fracturing at generally 60-70 degrees to core axis with rare 20 tca. Fracture filling consists of very minor mm thick serpentine and calcite. A few localized fault gouge healed slips.													
		0.5» White calcite stringers at 50 tca. Trace coarse pyrite. 230.90 231.20 Randomly oriented blades of olivine spinifex texture. 233.40 233.90 Dark brown intermediate dyke, highly calcite altered. Lower contact at 40 tca. 236.10 237.10 Bracket sample.	35304	236.10	237.10	1.00	<5	12	10	<.2	72	594	35	46	51
237.10	240.60	Dark grey, medium grained, very weak local porpheritic texture, hard, non magnetic, felsic to intermediate dyke. No reaction to HCL, weak to moderate silicification increasing with depth, weak chlorite alteration. Fracturing at 30 and 60 degrees to core axis with local micro fractures filled/healed with black chlorite. 0.5%-1% White calcite with a few quartz calcite stringers at 30 and 60 tca. 1% Yellow coarse pyrite in matrix and associated with stringers/fractures. Trace brassy pyrrhotite in stringers. 237.10 238.00 Mottled more medium grained section, possible altered peridotite (?).													
240.60	274.80	Lower contact at 60 tca. 237.10 238.00 Mottled section with trace coarse pyrite. 238.00 239.00 Silicified, 0.5:-1% coarse pyrite. 239.00 239.80 0.5% pyrite with trace pyrrhotite. 239.80 240.60 0.5% pyrite with trace pyrrhotite. ULTRAMAFIC VOLCANIC	35305 35306 35307 35308	238.00 239.00	239.00 239.80	1.00	6 <5	14 10		.2 <.2	88 73		35 36	53	22

GCL07-08 (continued) Page: 8 of 9

					· · · · · · · · · · · · · · · · · · ·							Page:	to 8		
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 Pb	Co ppm
274.80	312.50		35309	240.60	241.60	1.00	<5	а	10	<.2	59	559	47	50	45
312.50	318.30	Dark black, fine grained, massive, hard, weakly magnetic, adcumulate peridotite flow. Weak serpentine alteration with rare very weak calcite alteration around calcite stringers. Fracturing at 60-70 degrees to core axis with serpentine and carbonate fracture filling. A dozen or so fractures with minor gouge at 65-70 degrees to core axis. 2-3% Calcite stringers and calcite serpentine at various angles 20 and 50 degrees to core axis. Trace dull yellow coarse pyrite associated with stringers and fractures. 306.40 306.80 Dark brown, fine to medium grained, patchy calcite, intermediate dyke or altered peridotite, contacts at 65-70 tca. 311.50 312.50 Poorly developed foliation at 65-70 degrees to core axis with 5% calcite-ankerite-carbonate stringers, 0.5% dull yellow coarse pyrite in matrix. 311.60 312.50 Bracket sample. INTERMEDIATE DYKE Dark brown to black, coarse grained, patchy porpheritic texture, massive, very hard, non magnetic. Weak to moderate chloritization and silicification.	35310	311.60	312.50	.90	<5	<5	<5	<.2	89	250	15	38	58

From (m)	To (m)	Geology	Sample	From (m)	To (m)	L (m)	Au ppb	Pt ppb	Pd	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm
		Fracturing at 70-75 degrees to core axis with rare chlorite on fractures. A few quartz-calcite stringers at various angles 20 and 75 tca. 1-2% Dull yellow coarse pyrite scattered randomly throughout matrix.							PPS	EE	PP	PP	ppm	pp	ppm
		312.50 313.50 Silicified, 0.5%-1% coarse pyrite. 313.50 314.50 Weakly silicified. Trace-0.5% coarse pyrite, trace sphalerite (?).	35311 35312		313.50 314.50			10 <5	8 <5	<.2 <.2	89 87	65 31	9 4 108		34 42
		314.50 315.50 Silicified, 0.5% coarse pyrite. 315.50 316.50 Silicified, 1% coarse pyrite. 316.50 317.30 1-2% very coarse pyrite. 317.30 318.00 Dark grey to black with trace pyrite, sharp contacts at 40 and 70 tca.	35313 35314 35315	315.50	315.50 316.50 317.30	1.00		<5 <5 <5	<5	<.2 <.2 <.2	52 76 105		89 73 55	48 44 40	29 23 34
		Lower contact irregular 70 tca. 317.30 318.00 Trace coarse pyrite. 318.00 318.30 Trace coarse pyrite.	35316 35317		318.00 318.30			<5 <5	<5 <5	<.2 <.2	64 79	512 131		45 45	45 29
318.30	326.00	ULTRAMAFIC VOLCANIC Dark black to green, fine grained, moderately hard to hard, weakly magnetic, peridotite flow, adcumulate to mesocumulate. Patchy calcite alteration with very weak talc-carbonate alteration increasing with depth. Fracturing at 60-70 degrees to core axis with serpentine and carbonate fracture filling. 3-5% Irregular white green calcite-carbonate and quartz carbonate stockwork stringers. A few variable angled white quartz-calcite stringers at various angles. Trace dull yellow coarse pyrite scattered throughout matrix. 318.30 319.30 Bracket sample.		318.30	319.30	1.00	< 5	< 5	< 5	<.2	78	434	29		

Date: 30 Jan, 2008		GOEDER	CHAL	ICE KES	DURCESS INC.		Page: 1 of 6
Northing:	9346		DRILL	HOLE R	ECORD	Drill Hole:	GCL07-09
Easting:	191						
Elevation:	0	**	* D	ip Test:	5 ***	Project:	Langmuir VTEM
		D	epth	Azi.	Dip	Property:	Langmuir
Collar Azi.:	325.0		-		•	Claim:	4207038 / 301751
Collar Dip:	-55.0		17	320.2	-54.6	Northing:	
			68	314.8	-54.3	Easting:	
			119	318.1	-54.6	GPS Northing:	5349346
Hole length:	302.00		170	318.6	-55.1	GPS Easting:	500191
Units:	Metric		221	320.6	-54.3	Date Started:	May 15,2007
Core size:	NQ		302	325.4	-54.2	Date completed:	May 25,2007
Grid:						Drilled by:	Norex
						Sample type:	Cut Core
Materials left:	Casing					Analyses:	PM 30g FA, BM AA
Collar survey:	GPS					Lab:	Expert
DH Survey method:	Reflex					Sample series:	35319-333
						Lab report:	18524
Comments:							
Logged by:	G. Sparling						
Date(s) logged:	June 1, 2007	0					
Purposo:	Took VERM	. 11		7			

From (m)	To (m)	Geology	Sample	From (m)	To (m)	L. (m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	2n ppm	Pb ppm	Co ppr
.00	5.30	OVERBURDEN 6m Of casing.													
5.30	23.90	ULTRAMAFIC VOLCANIC Grey to green, fine to medium grained, massive, rare very weak local magnetism, hard, possible pyroxenite flow. Weak calcite alteration with moderately altered sections. A few sections of calcite stringer alteration. Fracturing at around 70 degrees to core axis with minor calcite chlorite fracture filling. Extremely competent core with an rqd of 90-95%. 2% White greyish calcite stringers at 45-55 degrees to core axis. Rare coarse pyrite. Lower contact at 30 tca.													
23.90	31.70	ULTRAMAFIC VOLCANIC Dark black, fine grained, massive, hard, weakly magnetic, peridotite flow, adcumulate. Weakly calcite altered with patchy moderate alteration around stringers. Rare local foliation at around 50 tca. Fracturing at70 degrees to core axis with serpentine and calcite filling. 3-5% Irregular to 40-50 degrees to core axis calcite stringers.													

From	Το	Geology	Carrala.			T .									
(m)	(m)	Geology	Sample	From (m)	To (m)	(m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm
		Trace coarse pyrite associated with calcute stringers. Sharp lower contact at 65 tca.										1,1	27		FF
31.70	35.50	INTERMEDIATE DYKE Dark grey to brown, medium grained, massive, very hard, non magnetic, possible syenite dyke. No reaction to HCl, weak pervasive chlorite alteration with patchy very weak hematite alteration. Minor fracturing at 40 and 70 degrees to core axis with dark black chlorite filling. Trace dull yellow coarse pyrite on fractures and in matrix. Sharp lower contact at 70 tca.													
35.50	37.20	ULTRAMAFIC VOLCANIC Dark black with dark green to black sections, moderately hard, very weak local magnetism, peridotite flow. Highly calcite altered with sections of weak serpentine alteration. Minor fracturing at 40 degrees to core axis with serpentine fracture filling. Rare specks of dull yellow coarse pyrite. Sharp lower contact at 30 tca. 36.70 37.20 Trace coarse pyrite.		36.70	37,20	.50	6	5	7	<.2	190	382	32	24	41
3/.20	37.70	INTERMEDIATE DYKE Brown to grey, medium grained, massive, very hard, non magnetic, syenitic dyke (?). No reaction to HCl, patchy very weak silicification with pervasive chlorite alteration. A few sections of chlorite healed micro fractures and dark black chlorite on fractures. Rare calcite stringers. 0.5% Dull yellow coarse pyrite. Sharp lower contact at 40 tca. 37.20 37.70 Trace-0.5% coarse pyrite, weakly silicified.		37.20	37.70	.50	6	<5	<5	<.2	106	218	42	25	48
37.70	38.70	ULTRAMAFIC VOLCANIC Dark grey black with grey to green sections, fine grained, moderately hard, weakly to non magnetic. Patchy calcite alteration with maybe weak sericite giving unit light green color (?). 0.5-1% Irregular calcite stringers. Trace coarse pyrite. Sharp lower contact at 30-35 tca. 37.70 38.20 Trace coarse pyrite.		37.70	38.20	.50	<5.	14	11	.3	93	424	3.4		
38.70	39.70							- 1			- 3	72.1		23	7.1

From	То	Geology	Sample	From	Te	Г.		, , l	P.J			<u> </u>			
(m)	(m)	Georogy	Sample	From (m)	To (m)	L (m)	Au ppb	Pt ppb	Pd ppb	ppm Ag	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm
		to core axis fractures filled with chlorite. Trace coarse pyrite. A few ripped up calcite stringers from fracturing. Rare coarse pyrite. Sharp lower contact at 40 tca.												•	
39.70	57.00	ULTRAMAFIC VOLCANIC Dark black to grey with sections of grey to green, fine to medium grained, moderately hard, weakly magnetic, peridotite. Patchy calcite alteration with sections of sericite and weak ankerite alteration. Very poorly developed foliation at 30-40 degrees to core axis. Fracturing at 40 and 65-70 degrees to core axis with minor calcite-serpentine and chlorite-calcite. 5-8% Irregular calcite stringers with a few at 40 degrees to core axis. Trace coarse pyrite. 50-53 Generally light green moderately sericite altered section with 0.3m chloritized contacts. 53-53.3 Minor faulted section with 5% clay fault gouge on fractures. 53.3-56.6 Dark black weakly to moderately foliated at 0-25 tca. 56.6-56.8 Syenite dyke, red-brown, hematitic, abundant chlorite healed micro fractures, nil sulphides, contacts at 30 and 60 tca. Lower contact at 40 tca.													
57.GO	57.60	INTERMEDIATE DYKE Dark grey to reddish-brown, medium to coarse grained, hard, patchy magnetism, syenite. Pervasive dark black chlorite alteration with weak patches of hematite. Minor fracturing at 40 degrees to core axis with chlorite filled fractures and minor broken core. No visible mineralization. Lower contact at around 40 tca.													
57.60	58.40	FAULT ZONE Dark grey to black, fine grained, weakly magnetic, moderately hard, fault zone in peridotite. 0% Rqd with at best 15-20% recovery. Visible clay gouge on fractures with local 4 inch fault gouge. Lower contact obliterated by faulting, estimated 60 tca.													
58.40	71.60	FELSIC DYME Red with rare grey section, medium to coarse grained, massive, patchy very weak magnetism, hard. Pervasively hematite altered with very weak chlorite alteration Fracturing at 20-40 degrees to core axis with scattered black chlorite filling. A few minor sections of broken core with an overall rqd of 90%.													

		* * * * * * * * * * * * * * * * * * *		****											
From (m)	То (m)	Geology	Sample	From	То	L	Au	Pt	Pd	Ag	Cu	Ni	Zn	Pb	Co
(m)	(m)			(m)	(m)	(m)	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm
71.60		A few quartz and calcite stringers. Trace to 0.5% coarse pyrite. Lower contact at 20 tca. ULTRAMAFIC VOLCANIC Dark black to dark grey, fine grained, massive, weakly magnetic, hard, peridotite, adcumulate (?). Weak to moderate calcite alteration throughout with the intermediate dyke's being more moderately calcite altered. 10% Grey to brown intermediate dyke's scattered through unit. Fracturing at 30, 40, 50 and 60-70 degrees to core axis with minor calcite and serpentine filling. Several minor sections of broken core giving unit an rqd 75%. 2-3% Calcite stringers at 30, 60 and 70 degrees to core axis with scattered irregular stringers. Rare coarse pyrite. 71.60 74.00 Grey to green altered grey section with a few minor intermediate dykelets at 72m. 81.70 85.70 Grey to black section with several highly calcite altered intermediate dyke's. 100.20 100.60 Well developed locally with scattered poorly developed spinifex texture. 102.00 Unit becomes increasingly black to grey, massive, adcumulative to mesocumulative with several dark grey section with elevated calcite alteration, maybe more highly calcite altered. 136.00 Unit becomes very massive with rare calcite stringers and is more of an adcumulate. Snarp lower contact at 70 tca.		(10)	(11)	(m)	ppo	ррь	ppo	ppm	ppm	ppm	ppm	ppm	ppm
151.60	227.60	PELSIC DYKE Pink to orange, coarse grained, massive, homogeneous, non magnetic, very hard, granite intrusion. Patchy very weak silicification. Fracturing at 40-50 degrees to core axis with very rare local calcite-quartz fracture filling. Rare mineralization consisting of a few specks of coarse pyrite. Several large sections of broken core giving unit 70-75% rqd. 163.20 164.50 Dark grey to green chilled section. 166.00 174.00 Increasingly pink to orange (alteration ???) with poorly rqd maybe 50%, section composed of oxidized and vuggy broken core. Orange to pink alt continues until 192 and then alteration becomes patchy and unit becomes more grey-white with increased silica and biotite in matrix, 0.5% dark green angular fragments mafic?, half dozen white quartz stringers 2-4cm at 65 degrees to core axis with trace coarse pyrite. Sharp lower contact at 65-70 tca.													
227.60	238.60	ULTRAMAFIC VOLCANIC													

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
		Dark grey to black, fine grained, massive, moderately hard, weakly magnetic, peridotite flow, mesocumulate to adcumulate. Alteration consists of weak ankerite with patchy calcite, rare patches of very weak serpentine alteration. Fracturing at 65-75 degrees to core axis with rare serpentine-carbonate fracture filling. 1-2% White calcite stringers with a few white to green-blue calcite-carbonate stringers. Trace to 0.5% dull yellow coarse pyrite on fractures and locally in matrix. 228.60 228.90 Pink to orange granite dyke with no visible minoralization, contacts at 60 and 40 tca. 235.40 236.70 Very faint random oriented olivine spinifex texture. Lower contact at 55 tca.													
238.60	239.60	INTERMEDIATE DYKE Dark brown to black, medium grained, massive, weakly magnetic, hard, 15°, quartz with 10-15° biotite. Weakly calcite and chiorite altered. Fracturing at 40-45 degrees to core axis with minor chlorite and calcite filling. Patchy white greyish feldspathic sections. Rare fragmented calcite stringers with rare coarse pyrite. Lower contact at 70 tca.													
239.60	275.00	ULTRAMAFIC VOLCANIC Dark grey to black, fine grained, massive, moderately hard, weakly magnetic, peridotite flow, mesocumulate to adcumulate. Alteration consists of weak ankerite with patchy calcite, very patchy serpentine and sections of very weak talc alteration. Fracturing at various angles 60 and 70 degrees to core axis with calcite-serpentine and calcite carbonate filling. 2-3° Calcite with 1's calcite-carbonate stringers at 60-70 tca. Rare dull brown to yellow coarse pyrite associated with stringers and fractures. 249.70 250.00 Weathered section minor faulting at 70-75 tca. 257.00 Unit becomes foliated locally at 70 degrees to core axis with minor sections of broken core and several weathered sections with up to 6cm of fault gouge. 270.30 270.60 Minor fault zone with 5% fault gouge sections with fracturing at 70 tca. Gradual lower contact.													
275.00	289.80	ULTRAMAFIC VOLCANIC Dark grey to black, fine grained, weakly magnetic, moderately hard to hard, adcumulate peridotite flow. Weak to moderate carbonate alteration consisting of ankerite and some patchy calcite with localized very weak sericite alteration.													

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
		Good rqd at 90-95% with a few very minor sections of broken core and local minor gouge faults. Fracturing at 60-70 degrees to core axis with serpentine-chlorite-carbonate fracture filling. 2-3% 60-70 Degrees to core axis white milky (spotted) quartz-carbonate and quartz-calcite stringers with some local irregular stringers. Localized white beige specs in matrix, maybe leucoxene (?). Trace local dull yellow coarse pyrite associated with stringers and fractures. 279.80 280.80 Weak to moderate sericite-ankerite alteration, trace pyrite, 1% carbonate stringers. 280.80 281.80 Weak to moderate sericite-ankerite alteration, trace pyrite, 1% carbonate stringers. 281.80 282.80 Weak to moderate sericite-ankerite alteration, trace pyrite, 1% carbonate stringers. 282.80 Standard ni 115. 282.80 283.80 Weak to moderate sericite-ankerite alteration, trace pyrite, 1% carbonate stringers. 283.80 284.80 Weak to moderate sericite-ankerite alteration, trace pyrite, trace carbonate stringers, massive. 284.80 285.80 Weak chlorite and ankerite, no sericite, irregular quartz carbonate stringers. 285.80 286.80 Weak chlorite and ankerite, no sericite, irregular quartz carbonate stringers. 285.80 287.80 Very weak patchy sericite and weak chlorite, trace pyrite. 287.80 288.80 Very weak patchy sericite and weak chlorite, trace pyrite.	35322 35323 35324 35325 35326 35327 35328 35329 35330 35331	280.80 281.80 282.80 282.80 283.80 284.80 285.80 286.80	285.80 286.80 287.80	1.00 1.00 1.00 1.00 1.00 1.00	<5 <5 <5 <5 <5 <5 <5	9 11 78 10 11 8 <5 6 <5	7 7 82 7 8 7 8 9	<.2 <.2 <.2 <.2 <.2 <.2	118 119 1763 156 131 210 192 114 174	550 19900 546 524 479 555 515	45 49 90 49 48 50 44 46 43	30 25 25 55 29 29 33 27 26	57 50 57 569
289.80	302.00	trace pyrite.			290.50										

APPENDIX B ASSAY CERTIFICATES



Project

Laboratoire Expert Inc.

127, Boulevard Industriel Rouyn-Noranda, Québec Canada, J9X 6P2

Telephone: (819) 762-7100, Fax: (819) 762-7510

Date : 2008/01/10

Page : 1 of 9

Client : Golden Chalice Resources Addressee : Darlene Wojtczak Folder : 17619 Your order number

: LANGMUIR

Total number of samples : 48

<u>Designation</u>	Au DCP-1 ppb 5	Au-Dup DCP-1 ppb 5	Pt DCP-1 ppb 5	Pt-Dup DCP-1 ppb 5	Pd DCP-1 ppb 5	Pd-Dup DCP-1 ppb 5	Ag AAT-7 ppm 0.2	Ag-Dup AAT-7 ppm 0.2
8751	<5	<5	<5	<5	<5	<5	0.3	0.3
8752	<5		20		17		< 0.2	
8753	<5		6		7		0.2	
3754	<5		8		10		<0.2	
3755	<5		<5		<5		<0.2	
8756	<5		<5		<5		<0.2	
8757	<5		<5		<5		<0.2	
8758	5		7		8		< 0.2	
1759	<5		7		6		< 0.2	
760	<5		8		6		0.2	
761	<5		10		6		0.3	
3762	<5		9		6		< 0.2	
3763	<5	<5	10	6	7	6	0.2	< 0.2
3764	<5		9		6		<0.2	
3765	<5		9		<5		< 0.2	
8766	<5		<5		<5		< 0.2	
8767	<5		7		<5		0.4	
3768	<5		<5		<5		< 0.2	
3769	<5		<5		<5		< 0.2	
8770	<5		10		7		<0.2	



Laboratoire Expert Inc.

127, Boulevard Industriel Rouyn-Noranda, Québec Canada, J9X 6P2

Canada, J9X 6P2 Telephone: (819) 762-7100, Fax: (819) 762-7510 Date : 2008/01/10

Page : 2 of 9

relephone.	. (019) 102-1100, 1 ax . (019) 102-1310	
Client	: Golden Chalice Resources	
	Darlene Wojtczak	Folder : 17619
Addiessee	Dariene Wojiczak	roider . 17019
j		Your order number :
		Project : LANGMUIR
		. Dations
		Total number of samples : 48

Designation	Au DCP-1 ppb 5	Au-Dup DCP-1 ppb 5	Pt DCP-1 ppb 5	Pt-Dup DCP-1 ppb 5	Pd DCP-1 ppb 5	Pd-Dup DCP-1 ppb 5	Ag AAT-7 ppm 0.2	Ag-Dup AAT-7 ppm 0.2
88771	<5		9		9		<0.2	
88772	<5		8		9		0.4	
88773	<5		10		10		0.2	
88774	<5		9		9		< 0.2	
88775	16	13	9	7	17	14	0.4	0.3
88776	<5		<5		<5		0.4	
88777	<5		<5		<5		< 0.2	
88778	<5		<5		<5		< 0.2	
88779	5		<5		<5		0.2	
88780	<5		5		5		0.5	
88781	<5		<5		<5		< 0.2	
88782	<5		7		7		< 0.2	
88783	5		<5		<5		< 0.2	
88784	<5		<5		<5		< 0.2	
88785	8		<5		<5		< 0.2	
88786	<5		<5		<5		0.2	
88787	<5	<5	<5	<5	<5	<5	<0.2	< 0.2
88788	<5		<5		<5		< 0.2	
88789	<5		<5		<5		<0.2	
88790	<5		5		<5		<0.2	

Laboratoire Expert Inc.

127, Boulevard Industriel Rouyn-Noranda, Québec Canada, J9X 6P2 Telephone : (819) 762-710

Date : 2008/01/10

Page : 3 of 9

Telephone : (819) 762-7100, Fax : (819) 762-7510	
Client : Golden Chalice Resources	
Addressee : Darlene Wojtczak	Folder : 17619
	Your order number :
	Project : LANGMUIR
	Total number of samples : 48

Designation	Au DCP-1 ppb 5	Au-Dup DCP-1 ppb 5	Pt DCP-1 ppb 5	Pt-Dup DCP-1 ppb 5	Pd DCP-1 ppb 5	Pd-Dup DCP-1 ppb 5	Ag AAT-7 ppm 0.2	Ag-Dup AAT-7 ppm 0.2
88791	12		<5		<5		<0.2	
88792	11		<5		<5		< 0.2	
88793	<5		<5		<5		<0.2	
88794	6		<5		5		0.2	
88795	160		<5		<5		0.5	
88796	6		<5		<5		< 0.2	
88797	<5		<5		<5		<0.2	
88798	<5		<5		<5		< 0.2	

Laboratoire Expert Inc.

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Telephone: (819) 762-7100, Fax: (819) 762-7510

Date : 2008/01/10

Page : 4 of 9

Golden Chalice Resources Addressee : Darlene Wojtczak Folder : 17619 Your order number : LANGMUIR Project Total number of samples : 48

Designation	Cu AAT-7 ppm 2	Cu-Dup AAT-7 ppm 2	Ni AAT-7 ppm 2	Ni-Dup AAT-7 ppm 2	Zn AAT-7 ppm 2	Zn-Dup AAT-7 ppm 2	Pb AAT-7 ppm 2	Pb-Dup AAT-7 ppm 2
88751	82	80	573	568	22	16	18	17
88752	66	-	529		25	••	19	
88753	77		690		20		15	
88754	68		614		22		15	
88755	77		553		19		15	
88756	96		694		21		19	
88757	62		555		22		18	
88758	72		670		21		19	
88759	83		633		21		17	
88760	67		571		26		18	
88761	77		707		21		15	
88762	61		970		22		18	
88763	83	83	841	850	22	22	17	17
88764	54		838		20		17	
88765	56		860		21		17	
88766	220		48		81		32	
88767	49		862		17		17	
88768	69		1077		18		22	
88769	47		1054		18		20	
88770	66		1088		18		19	

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Date : 2008/01/10

Page : 5 of 9

Client : Golden Chalice Resources

Addressee : Darlene Wojtczak

Folder : 17619

Your order number

Project : LANGMUIR

Total number of samples: 48

Designation	Cu AAT-7 ppm 2	Cu-Dup AAT-7 ppm 2	Ni AAT-7 ppm 2	Ni-Dup AAT-7 ppm 2	Zn AAT-7 ppm 2	Zn-Dup AAT-7 ppm 2	Pb AAT-7 ppm 2	Pb-Dup AAT-7 ppm 2
38771	40		617		23		19	
88772	43		871		17		18	
8773	132		878		21		18	
8774	81		813		25		18	
8775	2486	2463	4158	4126	42	41	32	34
8776	87		888		19		20	
8777	48		801		20		22	
8778	70		667		19		18	
8779	122		269		14		58	
3780	150		144		25		22	
8781	136		155		29		24	
3782	88		148		27		22	
8783	36		1826		10		27	
8784	35		2000		14		24	
8785	36		1866		15		35	
8786	47		1665		13		30	
8787	35	37	2033	2047	13	12	27	26
8788	40		1855		11		30	
8789	50		1342		20		15	
8790	215		880		45		25	

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Page : 6 of 9

Client Golden Chalice Resources

Addressee : Darlene Wojtczak

Folder

: 17619

Your order number

Project

: LANGMUIR

Total number of samples :

48

Designation	Cu AAT-7 ppm 2	Cu-Dup AAT-7 ppm 2	Ni AAT-7 ppm 2	Ni-Dup AAT-7 ppm 2	Zn AAT-7 ppm 2	Zn-Dup AAT-7 ppm 2	Pb AAT-7 ppm 2	Pb-Dup AAT-7 ppm 2
88791	388		866		6387		47	
88792	295		1287		2637		42	
88793	191		1235		300		73	
88794	167		1238		99		26	
8795	598		1076		9703		78	
38796	123		1535		136		19	
88797	66		994		27		19	
88798	32		661		20		20	

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Date : 2008/01/10

Page : 7 of 9

Client : Golden Chalice Resources	
Addressee : Darlene Wojtczak	Folder : 17619
	Your order number :
	Project : LANGMUIR
	Total number of samples : 48

Designation	Co AAT-7 ppm 2	Co-Dup AAT-7 ppm 2
88751	50	49
88752	53	
88753	55	
88754	55	
88755	49	
88756	58	
88757	52	
88758	55	
88759	51	
88760	50	
88761	56	
88762	66	
88763	66	66
88764	61	
88765	58	
88766	37	
88767	59	
88768	69	
88769	67	
88770	69	

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Page : 8 of 9

Client	Golden Chalice Resources	
Addressee	: Darlene Wojtczak	Folder : 17619
		Your order number :
		Project : LANGMUIR
		Total number of samples : 48

	Co AAT-7	Co-Dup AAT-7
Designation	ppm 2 	ppm 2
88771	50	
88772	59	
88773	65	
88774	64	
88775	171	170
88776	66	
88777	58	
88778	54	
88779	33	
88780	41	
88781	46	
88782	37	
88783	89	
88784	77	
88785	76	
88786	87	
88787	90	89
88788	87	
88789	57	
88790	94	

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Date : 2008/01/10

Page : 9 of 9

Client	Golden Chalice Resources	
Addressee	: Darlene Wojtczak	Folder : 17619
		Your order number :
		Project : LANGMUIR
		Total number of samples : 48

Designation	Co AAT-7 ppm 2	Co-Dup AAT-7 ppm 2
88791	118	
88792	138	
88793	102	
88794	92	
88795	273	
88796	91	
88797	67	
88798	55	

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Page : 1 of 6

Client	: Golden Chalice Resources	
Addressee	: Darlene Wojtczak	Folder : 17620 Your order number :
		Project : LANGMUIR
		Total number of samples : 25

<u>Designation</u>	Au DCP-1 ppb 5	Au-Dup DCP-1 ppb 5	Pt DCP-1 ppb 5	Pt-Dup DCP-1 ppb 5	Pd DCP-1 ppb 5	Pd-Dup DCP-1 ppb 5	Ag AAT-7 ppm 0.2	Ag-Dup AAT-7 ppm 0.2
<u>Designation</u>								
88799	5	<5	<5	7	<5	5	0.3	0.2
88800	<5		<5		<5		<0.2	
88801	<5		<5		<5		<0.2	
88802	<5		<5		<5		< 0.2	
88803	<5		<5		<5		< 0.2	
88804	7		<5		<5		< 0.2	
88805	<5		<5		<5		0.2	
88806	<5		<5		<5		<0.2	
88807	<5		<5		<5		0.3	
88808	129		11		11		< 0.2	
88809	11		<5		<5		< 0.2	
88810	5		<5		<5		< 0.2	
88811	14	11	<5	<5	<5	<5	0.3	0.3
88812	<5		<5		<5		<0.2	
88813	<5		<5		<5		< 0.2	
88814	5		<5		<5		< 0.2	
88815	5		<5		<5		< 0.2	
88816	<5		<5		<5		<0.2	
88817	<5		<5		<5		<0.2	
88818	<5		<5		<5		0.4	



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Date : 2008/01/10

Page : 2 of 6

Client Golden Chalice Resources

: 17620 Folder

Your order number

: LANGMUIR Project

Total number of samples :

25	
25	

Designation	Au DCP-1 ppb 5	Au-Dup DCP-1 ppb 5	Pt DCP-1 ppb 5	Pt-Dup DCP-1 ppb 5	Pd DCP-1 ppb 5	Pd-Dup DCP-i ppb 5	Ag AAT-7 ppm 0.2	Ag-Dup AAT-7 ppm 0.2
88819	<5		<5		<5		<0.2	
88820	<5		<5		<5		< 0.2	
88821	<5		<5		<5		<0.2	
88822	5		<5		<5		<0.2	
88823	<5	<5	<5	<5	<5	<5	<0.2	<0.2

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Date : 2008/01/10

Page : 3 of 6

Client : Golden Chalice Resources

Addressee : Darlene Wojtczak

Folder

: 17620

Your order number

Project

LANGMUIR

Total number of samples :

25

Designation	Cu AAT-7 ppm 2	Cu-Dup AAT-7 ppm 2	Ni AAT-7 ppm 2	Ni-Dup AAT-7 ppm 2	Zn AAT-7 ppm 2	Zn-Dup AAT-7 ppm 2	Pb AAT-7 ppm 2	Pb-Dup AAT-7 ppm 2
88799	87	88	704	701	22	18	20	20
88800	79		48		23		17	
88801	95		1201		36		22	
88802	175		843		56		25	
88803	172		896		54		20	
88804	152		736		64		29	
88805	245		1790		28		35	
88806	111		1265		61		28	
88807	201		7 75		615		24	
88808	1148		802		598		41	
88809	120		759		638		26	
01888	132		672		643		19	
88811	241	243	962	966	562	558	51	52
88812	113		699		37		23	
88813	64		62		61		24	
88814	55		614		115		73	
88815	40		125		40		37	
88816	70		657		30		26	
88817	55		673		41		28	
88818	56		771		28		24	

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Page : 4 of 6

relephone.	(819) 702-7 100, Fax . (819) 702-7510	
Client	: Golden Chalice Resources	
Addressee	: Darlene Wojtczak	Folder : 17620
		Your order number :
		Project : LANGMUIR
		Total number of samples 25

<u>Designation</u>	Cu AAT-7 ppm 2	Cu-Dup AAT-7 ppm 2	Ni AAT-7 ppm 2	Ni-Dup AAT-7 ppm 2	Zn AAT-7 ppm 2	Zn-Dup AAT-7 ppm 2	Pb AAT-7 ppm 2	Pb-Dup AAT-7 ppm 2
88819	107		196		63		31	
88820	81		1336		29		29	
88821	38		1129		27		25	
88822	29		182		74		24	
88823	33	32	1199	1195	29	29	25	25

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: Golden Chalice Resources

Addressee : Darlene Wojtczak

Folder

Project

17620

Your order number

: LANGMUIR

Total number of samples :

25

Designation	Co AAT-7 ppm 2	Co-Dup AAT-7 ppm 2
88799	54	54
88800	13	
88801	75	
88802	82	
88803	79	
88804	69	
88805	115	
88806	81	
88807	99	
88808	176	
88809	92	
88810	74	
88811	158	156
88812	54	
88813	15	
88814	53	
88815	27	
88816	62	
88817	54	
88818	61	

Date : 2008/01/10

Page : 5 of 6

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Date : 2008/01/10

Page : 6 of 6

Client : Golden Chalice Resources	
Addressee : Darlene Wojtczak	Folder : 17620
	Your order number :
	Project : LANGMUIR
	Total number of samples : 25

Designation	Co AAT-7 ppm 2	Co-Dup AAT-7 ppm 2
88819	25	
88820	84	
88821	80	
88822	30	
88823	78	77

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Date : 2008/01/10

Page : 1 of 12

Client	: Golden Chalice Resources	
Addressee	Darlene Wojtczak	Folder : 18255
		Your order number :
		Project : LANGMUIR

Total number of samples : 72

Designation	Au DCP-1 ppb 5	Au-Dup DCP-1 ppb 5	Pt DCP-1 ppb 5	Pt-Dup DCP-1 ppb 5	Pd DCP-1 ppb 5	Pd-Dup DCP-1 ppb 5	Ag AAT-7 ppm 0.2	Ag-Dup AAT-7 ppm 0.2
88933	<5	<5	<5	<5	<5	<5	<0.2	<0.2
88934	<5		<5		<5		<0.2	
88935	<5		<5		<5		<0.2	
88936	<5		<5		<5		<0.2	
88937	<5		<5		<5		<0.2	
88938	<5		<5		<5		<0.2	
88939	<5		<5		<5		<0.2	
88940	<5		<5		<5		<0.2	
88941	<5		<5		<5		<0.2	
88942	<5		<5		<5		<0.2	
88943	<5		<5		<5		<0.2	
88944	<5		<5		<5		<0.2	
88945	<5	<5	<5	<5	<5	<5	<0.2	< 0.2
88946	<5		6		6		<0.2	
88947	<5		<5		<5		< 0.2	
88948	<5		<5		<5		<0.2	
88949	<5		17		16		<0.2	
88950	13		30		33		<0.2	
88951	6		6		6		<0.2	
88952	<5		<5		<5		< 0.2	



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Golden Chalice Resources

Date : 2008/01/10

Page : 2 of 12

Addressee : Darlene Wojtczak

Folder : 18255

Your order number

Project : LANGMUIR

Total number of samples : 72

Designation	Au DCP-1 ppb 5	Au-Dup DCP-1 ppb 5	Pt DCP-1 ppb 5	Pt-Dup DCP-1 ppb 5	Pd DCP-1 ppb 5	Pd-Dup DCP-1 ppb 5	Ag AAT-7 ppm 0.2	Ag-Dup AAT-7 ppm 0.2
38953	<5							
18954			<5		<5		<0.2	
8955	<5		<5		<5		<0.2	
	<5		<5		<5		< 0.2	
8956	<5	_	<5	^	<5		<0.2	
8957	<5	5	8	9	12	10	<0.2	< 0.2
8958	<5		13		15		<0.2	
8959	5		12		15		<0.2	
8960	5		11		14		< 0.2	
8961	5		13		15		<0.2	
3962	<5		19		21		<0.2	
8963	<5		18		20		< 0.2	
8964	<5		13		16		< 0.2	
8965	<5		<5		<5		< 0.2	
8966	<5		<5		<5		< 0.2	
8967	5		13		13		< 0.2	
8968	<5		<5		6		0.2	
8969	<5	<5	<5	<5	6	<5	< 0.2	<0.2
8970	<5		<5		<5		< 0.2	
8971	5		<5		6		<0.2	
88972	7		9		7		<0.2	

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Date : 2008/01/10

Page : 3 of 12

Client	: Golden	Chalice	Resources

Addressee : Darlene Wojtczak

Folder

18255

Your order number

Project

: LANGMUIR

Total number of samples: 72

Designation	Au DCP-1 ppb 5	Au-Dup DCP-1 ppb 5	Pt DCP-1 ppb 5	Pt-Dup DCP-1 ppb 5	Pd DCP-1 ppb 5	Pd-Dup DCP-1 ppb 5	Ag AAT-7 ppm 0.2	Ag-Dup AAT-7 ppm 0.2
88973	6		<5		6		<0.2	
88974	<5		1-1		12		<0.2	
88975	24		22		30		0.2	
38976	6		9		13		< 0.2	
88977	5		6		6		<0.2	
88978	5		6		7		< 0.2	
38979	<5		14		15		<0.2	
38980	6		9		8		<0.2	
8981	<5	<5	<5	<5	<5	<5	<0.2	<0.2
8982	<5		<5		<5		< 0.2	
8983	<5		<5		<5		<0.2	
8984	<5		<5		<5		<0.2	
8985	<5		<5		<5		<0.2	
38986	<5		<5		<5		<0.2	
38987	<5		<5		<5		<0.2	
38988	<5		<5		<5		<0.2	
8989	<5		<5		<5		<0.2	
88990	<5		<5		<5		<0.2	
88991	<5		<5		<5		<0.2	
88992	<5		<5		<5		< 0.2	

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Date : 2008/01/10

Page : 4 of 12

Client : Golden Chalice Resources

Addressee : Darlene Wojtczak

Folder : 18255

Your order number :

Project : LANGMUIR

Total number of samples: 72

	Au DCP-1	Au-Dup	Pt PCD 1	Pt-Dup	Pd	Pd-Dup	Ag	Ag-Dup
<u>Designation</u>	ppb 5	DCP-1 ppb 5	DCP-1 ppb 5	DCP-1 ppb 5	DCP-1 ppb 5	DCP-1 ppb 5	AAT-7 ppm 0.2	AAT-7 ppm 0.2
38 99 3	<5	<5	14	11	20	18	<0.2	<0.2
88994	<5		<5		<5		<0.2	
38995	<5		<5		<5		<0.2	
38996	<5		<5		<5		<0.2	
8997	<5		<5		<5		<0.2	
8998	<5		<5		<5		<0.2	
8999	<5		<5		<5		<0.2	
9000	10		21		22		<0.2	
8824	5		<5		<5		< 0.2	
8825	<5		<5		<5		<0.2	
8826	<5		<5		<5		< 0.2	
38827	<5		<5		<5		< 0.2	

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Date : 2008/01/10

Page : 5 of 12

Client : Golden Chalice Resources

Addressee : Darlene Wojtczak

Folder

: 18255

Your order number

Project

: LANGMUIR

Total number of samples :

72

Designation	Cu AAT-7 ppm 2	Cu-Dup AAT-7 ppm 2	Ni AAT-7 ppm 2	Ni-Dup AAT-7 ppm 2	Zn AAT-7 ppm 2	Zn-Dup AAT-7 ppm 2	Pb AAT-7 ppm 2	Pb-Dup AAT-7 ppm 2
88933	186	178	510	503	51	49	45	48
88934	76		1219		26		40	
88935	63		1215		. 19		46	
88936	60		939		15		51	
88937	88		743		24		44	
88938	155		103		51		35	
88939	129		129		61		35	
88940	141		120		55		38	
18941	126		104		54		33	
8942	172		112		56		32	
88943	116		100		44		30	
88944	128		109		52		30	
8945	115	111	213	212	52	49	28	28
38946	86		114		59		30	
38947	103		109		45		31	
88948	171		85		32		30	
88949	108		253		57		45	
88950	112		43		16		23	
88951	150		128		59		37	
88952	196		112		64		40	

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Date : 2008/01/10

Page : 6 of 12

Client : Golden Chalice Resources

Addressee : Dariene Wojtczak

: 18255 Folder

Your order number

Project : LANGMUIR

72 Total number of samples :

Designation	Cu AAT-7 ppm 2	Cu-Dup AAT-7 ppm 2	Ni AAT-7 ppm 2	Ni-Dup AAT-7 ppm 2	Zn AAT-7 ppm 2	Zn-Dup AAT-7 ppm 2	Pb AAT-7 ppm 2	Pb-Dup AAT-7 ppm 2
88953	133		173		83		40	
88954	209		83		54		39	
88955	265		13		29		36	
88956	284		38		45		40	
88957	70	66	737	752	50	50	34	32
88958	56	-	520	, 52	34		40	32
88959	95		815		31		36	
38960	65		900		32		36	
88961	80		715		30		41	
38962	172		232		52		53	
88963	151		138		39		43	
38 96 4	34		473		50		32	
88965	93		59		32		52	
88966	91		58		36		34	
88967	26		367		30		31	
88968	149		153		342		63	
88969	64	66	167	171	385	389	46	47
88970	57		30		65		45	
88971	81		40		80		53	
88972	124		154		162		53	

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: Golden Chalice Resources

Addressee : Darlene Wojtczak

Folder

: 18255

Your order number

Project : LANGMUIR

Total number of samples : 72

Designation	Cu AAT-7 ppm 2	Cu-Dup AAT-7 ppm	Ni AAT-7 ppm 2	Ni-Dup AAT-7 ppm	Zn AAT-7 ppm 2	Zn-Dup AAT-7 ppm 2	Pb AAT-7 ppm 2	Pb-Dup AAT-7 ppm 2
ocsignation								
88973	140		80		131		62	
88974	72		872		21		32	
8975	2521		4196		41		48	
8976	56		691		19		28	
8977	46		91		34		37	
8978	69		103		44		56	
8979	32		389		33		41	
8980	57		34		61		32	
8981	42	41	27	27	52	48	30	32
3982	37		23		51		34	
3983	37		23		61		34	
3984	35		21		29		29	
8985	36		26		37		31	
3986	42		28		52		35	
8987	26		27		23		25	
8988	24		22		25		26	
8989	26		24		28		27	
8990	34		18		24		28	
8991	76		20		26		25	
8992	92		14		26		29	

Date : 2008/01/10

Page : 7 of 12

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Date : 2008/01/10

Page : 8 of 12

: Golden Chalice Resources

Addressee : Darlene Wojtczak

Folder

Project

: 18255

Your order number

: LANGMUIR

Total number of samples:

72

Designation	Cu AAT-7 ppm 2	Cu-Dup AAT-7 ppm 2	Ni AAT-7 ppm 2	Ni-Dup AAT-7 ppm 2	Zn AAT-7 ppm 2	Zn-Dup AAT-7 ppm 2	Pb AAT-7 ppm 2	Pb-Dup AAT-7 ppm 2
88993	99	107	842	882	72	72	58	61
88994	37		43		24		34	
88995	40		30		25		37	
88996	34		25		54		42	
88997	35		27		44		52	
88998	21		17		33		29	
88999	28		31		33		39	
89000	108		40		18		25	
88824	128		200		49		36	
88825	230		68		35		34	
88826	167		64		30		26	
88827	143		62		28		24	

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Canada, J9X 6P2

Client Golden Chalice Resources

Addressee : Darlene Wojtczak

Folder

18255

Your order number

Project

: LANGMUIR

Total number of samples :

72

esignation	Co AAT-7 ppm 2	Co-Dup AAT-7 ppm 2
1933	51	52
1934	67	
1935	68	
8936	64	
1937	51	
1938	31	
939	33	
140	34	
941	29	
942	33	
943	27	
944	29	
945	31	30
946	28	
947	29	
948	30	
949	39	
950	13	
3951	33	
952	37	

Date : 2008/01/10

Page : 9 of 12

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Client Golden Chalice Resources

Addressee : Darlene Wojtczak

Folder

: 18255

Your order number

: LANGMUIR Project

Total number of samples :

72
12

<u>Designation</u>	Co AAT-7 ppm 2	Co-Dup AAT-7 ppm 2
88953	40	
88954	25	
88955	14	
88956	17	
88957	68	76
88958	59	
88959	64	
88960	74	
88961	69	
88962	51	
88963	49	
88964	51	
88965	20	
88966	18	
88967	45	
88968	55	
88969	55	56
88970	28	
88971	33	
88972	41	

Date : 2008/01/10

Page : 10 of 12

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Page : 11 of 12

Client	Golden Chalice Resources	
Addressee	Darlene Wojtczak	Folder : 18255
		Your order number :
		Project : LANGMUIR
		Total number of samples : 72

Designation	Co AAT-7 ppm 2	Co-Dup AAT-7 ppm 2
88973	29	
88974	59	
88975	167	
88976	61	
88977	19	
88978	19	
88979	42	
88980	14	
88981	14	14
88982	12	
88983	14	
88984	13	
88985	13	
88986	12	
88987	15	
88988	16	
88989	15	
88990	14	
88991	12	
88992	8	

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Page : 12 of 12

Client	: Golden Chalice Resources	
Addresse	Darlene Wojtczak	Folder : 18255
		Your order number :
		Project : LANGMUIR
		Total number of samples : 72

Designation	Co AAT-7 ppm 2	Co-Dup AAT-7 ppm 2
88993	71	75
88994	11	
88995	14	
88996	12	
88997	11	
88998	8	
88999	11	
89000	14	
88824	39	
88825	43	
88826	35	
88827	34	

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Page : 1 of 18

Client	: Golden Chalice Resou	irces						
Addressee	: Darlene Wojtczak			Folder Your order of Project Total numb		3 GMUIR 101		
Designation	Au DCP-1 ppb 5	Au-Dup DCP-1 ppb 5	Pt DCP-1 ppb 5	Pt-Dup DCP-1 ppb 5	Pd DCP-1 ppb 5	Pd-Dup DCP-1 ppb 5	Ag AAT-7 ppm 0.2	Ag-Dup AAT-7 ppm 0.2
35001	8	6	<5	5	<5	5	<0.2	<0.2
25002								-
			37) _
							0.2	_
	,				30		0.2	
								
2								•
5					5			
35.0								
-							0.2	

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Date : 2008/01/10

Page : 7 of 18

Client	: Golden Chalice Resou	irces							
Addressee	: Darlene Wojtczak			Project	Your order number :				
Designation	Cu AAT-7 ppm 2	Cu-Dup AAT-7 ppm 2	Ni AAT-7 ppm 2	Ni-Dup AAT-7 ppm 2	Zn AAT-7 ppm 2	Zn-Dup AAT-7 ppm 2	Pb AAT-7 ppm 2	Pb-Dup AAT-7 ppm	
35001	69	65	1002	999	53	52	31	30	
		•						*	

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Page : 13 of 18

Client : Golden Chalice Resources	
Gleit Golden Chalice Resources	
Addressee : Darlene Wojtczak	Folder : 18043
	Your order number :
	Project : LANGMUIR
	Total number of samples : 101
The same of the sa	

Co AAT-7 Ni-Dup AAT-8 % 0.010 Cu AAT-8 % 0.010 Co-Dup AAT-7 Ni AAT-8 % 0.010 ppm 2 ppm 2 Designation

35001 62





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Date : 2008/01/10

Page : 1 of 6

Client	Golden Chalice Resources	
Addressee	: Darlene Wojtczak	Folder : 18230
		Your order number :
		Project : LANGMUIR
		Total number of samples : 21

<u>Designation</u>	Au DCP-1 ppb 5	Au-Dup DCP-1 ppb 5	Pt DCP-1 ppb 5	Pt-Dup DCP-1 ppb 5	Pd DCP-1 ppb 5	Pd-Dup DCP-1 ppb 5	Ag AAT-7 ppm 0.2	Ag-Dup AAT-7 ppm 0,2
35102	8	6	9	7	8	9	0.2	<0.2
35103	17		7		7		<0.2	
35104	6		<5		<5		0.2	
35105	<5		<5		<5		0.4	
35106	<5		10		8		< 0.2	
35107	<5		14		12		0.3	
35108	<5		9		10		0.3	
35109	7		8		7		0.3	
35110	5		11		12		0.2	
35111	<5		<5		<5		0.3	
35112	17		8		6		< 0.2	
35113	6		6		6		0.4	
35114	<5	<5	8	6	6	<5	0.3	0.3
35115	8		8		15		0.3	
35116	<5		14		7		<0.2	
35117	<5		<5		<5		0.2	
35118	<5		<5		<5		<0.2	
35119	5		<5		9		0.3	
35120	<5		7		11		0.3	
35121	<5		9		5		0.2	

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Page : 2 of 6

Client	: Golden Chalice Resou	olden Chalice Resources							
Addressee	Darlene Wojtczak	Folder		- 10					
				Your order	Your order number :				
				Project	: LANG	GMUIR			
				Total numl	per of samples :	21			
	Au DCP-1 ppb	Au-Dup DCP-1 ppb	Pt DCP-1 ppb	Pt-Dup DCP-1 ppb	Pd DCP-1 ppb	Pd-Dup DCP-1 ppb	Ag AAT-7 ppm 0.2	Ag-Dup AAT-7 ppm 0.2	
Designation	5	· · · · · · · · · · · · · · · · · · ·			5	5	0.2	0.2	
35122	<5		<5		<5		<0.2		

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Page : 3 of 6

Client : Golden Chalice Resources

Addressee : Darlene Wojtczak

Folder

: 18230

Your order number

Project

: LANGMUIR

Total number of samples : 21

Designation	Cu AAT-7 ppm 2	Cu-Dup AAT-7 ppm 2	Ni AAT-7 ppm 2	Ni-Dup AAT-7 ppm 2	Zn AAT-7 ppm 2	Zn-Dup AAT-7 ppm 2	Pb AAT-7 ppm 2	Pb-Dup AAT-7 ppm 2
35102	43	42	734	739	27	22	19	20
35103	57		616		30		16	
35104	10		57		29		13	
35105	6		30		17		10	
35106	41		414		34		16	
35107	35		208		33		17	
35108	113		87		31		16	
5109	77		102		30		18	
35110	114		163		47		19	
5111	40		97		43		21	
35112	45		980		27		22	
5113	55		964		27		22	
35114	37	35	1134	1106	27	23	21	20
5115	66		666		47		24	
35116	142		77		72		28	
35117	120		42		70		29	
35118	126		20		47		26	
35119	40		456		58		27	
35120	75		967		33		20	
35121	92		728		57		32	

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Page: 4 of 6

Telephone: (8	319) 762-7100, Fax : (819) 762-7510							
Client	: Golden Chalice Resou	rces						
Addressee	: Darlene Wojtczak				Folder : 18230 Your order number : Project : LANGMUIR			
				Total number of samples : 21				
Designation	Cu AAT-7 ppm 2	Cu-Dup AAT-7 ppm 2	Ni AAT-7 ppm 2	Ni-Dup AAT-7 ppm 2	Zn AAT-7 ppm 2	Zn-Dup AAT-7 ppm 2	Pb AAT-7 ppm 2	Pb-Dup AAT-7 ppm 2
35122	135		141		75		46	

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: Golden Chalice Resources

Addressee : Darlene Wojtczak

: 18230 Folder

Your order number

Project : LANGMUIR

21 Total number of samples :

Designation	Co AAT-7 ppm 2	Co-Dup AAT-7 ppm 2
35102	55	56
35103	48	
35104	10	
35105	3	
35106	40	
35107	30	
35108	20	
35109	24	
5110	31	
5111	25	
5112	65	
35113	63	
35114	67	66
35115	59	
35116	24	
35117	20	
35118	18	
35119	43	
35120	69	
55121	60	

Date : 2008/01/10

Page : 5 of 6

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Designation

35122

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ppm 2

33

ppm 2 Date : 2008/01/10

Page : 6 of 6

Addressee : Darlene Wojtczak Folder : 18230 Your order number : Project : LANGMUIR Total number of samples : 21	
Project : LANGMUIR	
Total number of samples : 21	
Co Co-Dup AAT-7 AAT-7	

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Page 1 of 9

: Golden Chalice Resources Addressee : Darlene Wojtczak Folder : 18496 Your order number LANGMUIR Project 47 Total number of samples:

Pt-Dup Pd-Dup Ag-Dup Pd Au-Dup DCP-1 DCP-1 DCP-1 DCP-1 DCP-1 DCP-I AAT-7 AAT-7 ppb 5 ppb 5 ppb 5 ppb 5 ppb 5 ppb 5 Designation 35272 < 0.2 < 0.2 <5 <5 35273 <5 <5 <5 < 0.2 35274 <5 < 0.2 35275 20 16 < 0.2 16 35276 <5 10 14 < 0.2 35277 6 8 2.2 35278 <5 14 16 < 0.2 35279 6 10 12 < 0.2 35280 <5 8 < 0.2 35281 9 <5 <5 < 0.2 35282 19 15 11 < 0.2 35283 8 13 10 < 0.2 35284 < 0.2 <5 <5 15 12 10 10 < 0.2 35285 <5 19 14 < 0.2 35286 10 24 16 < 0.2 35287 <5 14 11 <0.2 35288 <5 20 12 < 0.2 35289 7 16 11 < 0.2 35290 16 21 8 < 0.2 35291 5 <5 0.3



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Page : 2 of 9

Client : Golden Chalice Resources

Addressee : Darlene Wojtczak

Folder

: 18496

Your order number

Project

LANGMUIR

47 Total number of samples :

Designation	Au DCP-1 ppb 5	Au-Dup DCP-1 ppb 5	Pt DCP-1 ppb 5	Pt-Dup DCP-1 ppb 5	Pd DCP-1 ppb 5	Pd-Dup DCP-1 ppb 5	Ag AAT-7 ppm 0.2	Ag-Dup AAT-7 ppm 0.2
35292	<5		6		8		<0.2	
35293	<5		<5		<5		< 0.2	
35294	<5		8		11		< 0.2	
35295	<5		10		14		<0.2	
35296	12	10	18	16	23	21	0.3	0.2
35297	8		12		16		< 0.2	
35298	<5		8		10		0.2	
35299	<5		<5		<5		< 0.2	
35300	<5		10		14		< 0.2	
35301	<5		8		10		< 0.2	
35302	6		14		14		< 0.2	
35303	<5		6		7		< 0.2	
35304	<5		12		10		< 0.2	
35305	<5		<5		8		<0.2	
35306	6		14		18		0.2	
35307	<5		10		12		< 0.2	
35308	<5	<5	<5	<5	<5	<5	<0.2	<0.2
35309	<5		8		10		< 0.2	
35310 .	<5		<5		<5		< 0.2	
35311	8		10		8		< 0.2	

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Page : 3 of 9

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Client : Golden Chalic	e Resources	
Addressee : Darlene Wojtc	zak	Folder : 18496
		Your order number :
		Project : LANGMUIR
		Total number of samples: 47

Designation	Au DCP-1 ppb 5	Au-Dup DCP-1 ppb 5	Pt DCP-1 ppb 5	Pt-Dup DCP-1 ppb 5	Pd DCP-1 ppb 5	Pd-Dup DCP-1 ppb 5	Ag AAT-7 ppm 0.2	Ag-Dup AAT-7 ppm 0.2
35312	<5		<5		<5		<0.2	
35313	<5		<5		6		< 0.2	
35314	6		<5		<5		< 0.2	
35315	<5		<5		<5		< 0.2	
35316	<5		<5		<5		< 0.2	
35317	<5		<5		<5		< 0.2	
35318	<5		<5		<5		< 0.2	

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Page : 4 of 9

Client : Golden Chalice Resources

Addressee : Darlene Wojtczak

Folder

18496

Your order number

Project

: LANGMUIR

47 Total number of samples:

<u>Designation</u>	Cu AAT-7 ppm 2	Cu-Dup AAT-7 ppm 2	Ni AAT-7 ppm 2	Ni-Dup AAT-7 ppm 2	Zn AAT-7 ppm 2	Zn-Dup AAT-7 ppm 2	Pb AAT-7 ppm 2	Pb-Dup AAT-7 ppm 2
35272	121	111	559	540	32	33	42	41
35273	104		602		33		48	
35274	94		594		31		47	
35275	2500		4035		43		50	
35276	86		569		43		40	
35277	180		671		>DL		2345	
35278	124		619		85		50	
35279	66		566		89		50	
35280	67		24		51		34	
35281	82		12		58		34	
35282	77		209		52		37	
35283	131		597		29		36	
35284	78	75	429	424	47	49	35	33
35285	99		491		38		44	
35286	106		773		3287		59	
35287	94		819		77		55	
35288	81		1076		42		38	
35289	84		1169		75		46	
35290	213		203		2520		55	
35291	278		234		1892		60	

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Page : 5 of 9

Client Golden Chalice Resources

Addressee : Darlene Wojtczak

Folder

: 18496

Your order number

Project

: LANGMUIR

Total number of samples : 47

				1 Otal Halli	bei of samples .	41		
Designation	Cu AAT-7 ppm 2	Cu-Dup AAT-7 ppm 2	Ni AAT-7 ppm 2	Ni-Dup AAT-7 ppm 2	Zn AAT-7 ppm 2	Zn-Dup AAT-7 ppm 2	Pb AAT-7 ppm 2	Pb-Dup AAT-7 ppm 2
35292	111		924		325		42	
35293	108		453		52		37	
35294	82		235		38		32	
35295	111		1140		114		39	
35296	412	409	455	453	2095	2131	66	65
35297	501		489		1976		67	
35298	378		451		675		115	
35299	143		1059		44		43	
35300	80		56		32		31	
35301	81		762		23		51	
35302	87		854		21		60	
35303	68		851		21		60	
35304	72		594		35		46	
35305	98		119		60		56	
35306	88		85		35		53	
35307	73		31		36		29	
35308	107	111	53	52	32	33	28	29
35309	59		559		47		50	
35310	89		250		15		38	
35311	89		65		94		51	

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Page : 6 of 9

Client	: Golden Chalice Resources	
Addressee	Darlene Wojtczak	Folder : 18496
		Your order number :
		Project : LANGMUIR
		Total number of samples : 47

<u>Designation</u>	Cu AAT-7 ppm 2	Cu-Dup AAT-7 ppm 2	Ni AAT-7 ppm 2	Ni-Dup AAT-7 ppm 2	Zn AAT-7 ppm 2	Zn-Dup AAT-7 ppm 2	Pb AAT-7 ppm 2	Pb-Dup AAT-7 ppm 2
35312	87		31		108		67	
35313	52		41		89		48	
35314	76		37		73		44	
35315	105		41		55		40	
35316	64		512		57		45	
35317	79		131		39		45	
35318	78		434		29		45	

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Page : 7 of 9

Client : Golden Chalice Resources	
Addressee : Darlene Wojtczak	Folder : 18496
	Your order number :
	Project : LANGMUIR
	Total number of samples : 47

Designation	Co AAT-7 ppm 2	Co-Dup AAT-7 ppm 2	Zn AAT-8 % 0.010
35272	50	49	
35273	55		
35274	50		
35275	164		
35276	48		
35277	70		1.120
35278	50		
35279	53		
35280	27		
35281	30		
35282	39		
35283	51		
35284	61	59	
35285	71		
35286	83		
35287	70		
35288	82		
35289	90		
35290	66		
35291	85		

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Date : 2008/01/10

Page : 8 of 9

Client :	Golden Chalice Resources	
Addressee :	Darlene Wojtczak	Folder : 18496
		Your order number :
		Project : LANGMUIR
		Total number of samples : 47

<u>Designation</u>	Co AAT-7 ppm 2	Co-Dup AAT-7 ppm 2	Zn AAT-8 % 0.010
35292	86		
35293	64		
35294	50		
35295	101		
35296	114	112	
		113	
35297	119		
35298	146		
35299	84		
35300	15		
35301	58		
35302	61		
35303	60		
35304	51		
35305	33		
35306	22		
35307	21		
35308	21	21	
35309	45		
35310	58		
35311	34		

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Page : 9 of 9

Client	: Golden Chalice Resources	
Addressee	: Darlene Wojtczak	Folder : 18496
		Your order number :
		Project : LANGMUIR
		Total number of samples : 47

<u>Designation</u>	Co AAT-7 ppm 2	Co-Dup AAT-7 ppm 2	Zn AAT-8 % 0.010
35312	42		
35313	29		
35314	23		
35315	34		
35316	45		
35317	29		
35318	41		

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Page : 1 of 9

Telephone : (819) 762-7100, Fax : (819) 762-7510	
Client	: Golden Chalice Resources	
Addressee	: Darlene Wojtczak	Folder : 18524 Your order number :
		Project : LANGMUIR
		Total number of samples : 44

Designation	Au DCP-1 ppb 5	Au-Dup DCP-1 ppb 5	Pt DCP-1 ppb 5	Pt-Dup DCP-1 ppb 5	Pd DCP-1 ppb 5	Pd-Dup DCP-1 ppb 5	Ag AAT-7 ppm 0.2	Ag-Dup AAT-7 ppm 0.2
35319	6	<5	5	<5	6	8	<0.2	<0.2
35320	6		<5		<5		< 0.2	
35321	<5		14		11		0.3	
35322	<5		8		8		<0.2	
35323	<5		9		7		< 0.2	
35324	<5		11		7		< 0.2	
35325	20		78		82		0.6	
35326	<5		10		7		<0.2	
35327	<5		11		8		<0.2	
35328	<5		8		7		< 0.2	
35329	<5		<5		8		<0.2	
35330	<5		6		9		< 0.2	
35331	<5	<5	<5	<5	9	6	< 0.2	<0.2
35332	<5		8		11		< 0.2	
35333	<5		6		8		<0.2	
			10		13	•	<0.2	

Laboratoire Expert Inc.

127, Boulevard Industriel Rouyn-Noranda, Québec Canada, J9X 6P2

Date : 2008/01/10

Page : 4 of 9

Telephone: (819) 762-7100, Fax: (819) 762-7510	
Client : Golden Chalice Resources	
Addressee : Darlene Wojtczak	Folder : 18524
	Your order number :
	Project : LANGMUIR
	Total number of samples : 44

	Cu AAT-7 ppm	Cu-Dup AAT-7 ppm 2	Ni AAT-7 ppm	Ni-Dup AAT-7 ppm	Zn AAT-7 ppm 2	Zn-Dup AAT-7 ppm 2	Pb AAT-7 ppm 2	Pb-Dup AAT-7 ppm 2
Designation	2	2	2	2			2	
35319	192	188	389	375	35	28	24	23
35320	106		218		42		25	
35321	93		424		34		23	
35322	111		562		50		30	
35323	118		533		45		25	
35324	119		550		49		25	
35325	1763		>DL		90		55	
35326	156		546		49		29	
35327	131		524		48		29	
35328	210		479		50		33	
35329	192		555		44		27	
35330	114		515		46		26	
35331	168	180	55 7	562	44	41	27	24
35332	72		459		45		26	
35333	111		623		42		25	
					•			

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Page : 7 of 9

Client	:	Golden	Chalice	Resources

Addressee : Darlene Wojtczak

Folder : 18524

Your order number

Project : LANGMUIR

Total number of samples : 44

44

D	Co AAT-7 ppm	Co-Dup AAT-7 ppm 2	Ni AAT-8
Designation		2	0.010
35319	41	40	
35320	48		
35321	41		
35322	57		
35323	50		
35324	57		
35325	509		1.990
35326	56		
35327	59		
35328	56		
35329	57		
35330	53		
35331	54	56	
35332	56		
35333	57		į.
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