DRILL HOLE GCL07-42
REPORT

LANGMUIR PROPERTY
PORCUPINE MINING DIVISION,
NORTHEASTERN ONTARIO
of
GOLDEN CHALICE RESOURCES INC

NTS: 42 A 6/7
October 15, 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 (13,841 hectares) located along the east side of Nighthawk Lake and southern portions of Eldorado and Langmuir Townships.

Golden Chalice Resources commenced exploration on the property in 2005. An initial short drilling program of four holes totaling 528 m was completed for assessment purposes. This 2005 drilling intersected ultramafic flows and sills with sulphidic interflow sediments that were anomalous in nickel. The anomalous nickel in the sediments represented a possible sulphur source for Kambalda style nickel mineralization in the ultramafic flow 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. In 2007, a first phase of drilling designed to test the VTEM clusters was conducted. The sixth EM anomaly cluster drill tested returned 1.14% Nickel over 72.50 metres, including two separate heavily mineralized intervals of 2.23% Nickel (Ni), 0.22% Copper (Cu), 0.20 g/t Platinum (Pt), and 0.50 g/t Palladium (Pd) over 17.50 metres of drill core, and 1.74 % Ni, 0.12% Cu, 0.20 g/t Pt, and 0.47 g/t Pd over 13.10 metres of drill core (Drill hole GCL07-06). This nickel discovery was the first significant nickel discovery in the Timmins mining camp in over 30 years.

Analytical results from drill core sampling of hole GCL07-42 returned for the most part background metal values (Au, Pt, Pd, Ag, Cu, Ni, Zn and Pb). Hole GCL07-42 did however cut peridotite flows that are similar to the flows hosting the Langmuir Nickel Discovery.

Further exploration work is recommended in the area of hole GCL07-42 and the Langmuir Nickel Discovery.

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DDH GCL07-01

INTRODUCTION

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

This report describes drill hole GCL07-42 of the 2007 summer-fall diamond drilling program on the Langmuir Property. The hole was drilled to investigate the western extension of the nickel zones at the Langmuir Nickel Discovery. The drilling occurred from November 22 to December 4, 2007. The co-ordination and implementation of the various technical tasks was conducted by K. Montgomery, D. Bryant and D Dmytrow all of Timmins Ontario.

LOCATION AND ACCESS

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

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

PROPERTY DESCRIPTION

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

Table 1 Langmuir Property Claim Listing

Twp	Claim	Rec Date	Due Date	Work req	No. units	Size
BLACKSTOCK	4201285	2005-Nov-01	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	2010-Feb-15	$6,400	16	258.72
ELDORADO	4201268	2006-Feb-15	2010-Feb-15	$6,400	16	258.72
ELDORADO	4201269	2006-Feb-15	2010-Feb-15	$6,400	16	258.72
ELDORADO	4201270	2006-Feb-15	2010-Feb-15	$2,400	6	97.02
ELDORADO	4201271	2006-Feb-15	2010-Feb-15	$6,000	15	242.55
ELDORADO	4201274	2006-Feb-15	2010-Feb-15	$6,400	16	258.72
ELDORADO	4201275	2005-Nov-01	2009-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	2009-Jul-18	$400	1	16.17
LANGMUIR	3013181	2005-Jul-18	2009-Jul-18	$400	1	16.17
LANGMUIR	3013182	2005-Jul-18	2009-Jul-18	$6,400	16	258.72
LANGMUIR	3013183	2005-Jul-18	2009-Jul-18	$6,400	16	258.72
LANGMUIR	3013184	2005-Jul-18	2009-Jul-18	$4,800	12	194.04
LANGMUIR	3013185	2005-Jul-18	2009-Jul-18	$6,400	16	258.72
LANGMUIR	3015576	2005-Jul-18	2009-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	2009-Jul-18	$5,200	13	210.21
LANGMUIR	4201276	2005-Nov-01	2009-Nov-01	$6,400	16	258.72
LANGMUIR	4201277	2005-Nov-01	2009-Nov-01	$4,000	10	161.7
LANGMUIR	4201278	2005-Nov-01	2009-Nov-01	$1,600	4	64.68
LANGMUIR	4201279	2005-Nov-01	2009-Nov-01	$4,000	10	161.7
LANGMUIR	4201281	2005-Nov-01	2009-Nov-01	$800	2	32.34
LANGMUIR	4201282	2005-Nov-01	2009-Nov-01	$4,000	10	161.7
LANGMUIR	4201283	2005-Nov-01	2009-Nov-01	$4,800	12	194.04

LANGMUIR	4201284	2005-Nov-01	2009-Nov-01	$4,800	12	194.04
LANGMUIR	4201289	2005-Nov-01	2009-Nov-01	$6,400	16	258.72
LANGMUIR	4201290	2005-Nov-01	2009-Nov-01	$1,600	4	64.68
LANGMUIR	4202744	2005-Jun-06	2009-Jun-06	$800	2	32.34
LANGMUIR	4202748	2005-Jul-18	2009-Jul-18	$4,400	11	177.87
LANGMUIR	4202814	2005-Jun-06	2009-Jun-06	$400	1	16.17
LANGMUIR	4202815	2005-Jun-06	2009-Jun-06	$1,600	4	64.68
LANGMUIR	4202816	2005-Jun-06	2009-Jun-06	$3,200	8	129.36
LANGMUIR	4203498	2005-Jul-18	2009-Jul-18	$3,200	8	129.36
LANGMUIR	4203563	2005-Feb-08	2010-Feb-08	$4,000	10	161.70
LANGMUIR	4203564	2005-Feb-08	2010-Feb-08	$6,000	15	242.55
LANGMUIR	4203567	2005-Feb-08	2010-Feb-08	$6,400	16	258.72
LANGMUIR	4203568	2005-Feb-08	2010-Feb-08	$3,200	8	129.36
LANGMUIR	4203569	2005-Feb-08	2010-Feb-08	$3,200	8	129.36
LANGMUIR	4203570	2005-Feb-08	2010-Feb-08	$400	1	16.17
LANGMUIR	4203571	2005-Feb-08	2010-Feb-08	$6,400	16	258.72
LANGMUIR	4207038	2005-Jul-18	2009-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	$342,400	851	13841.52

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

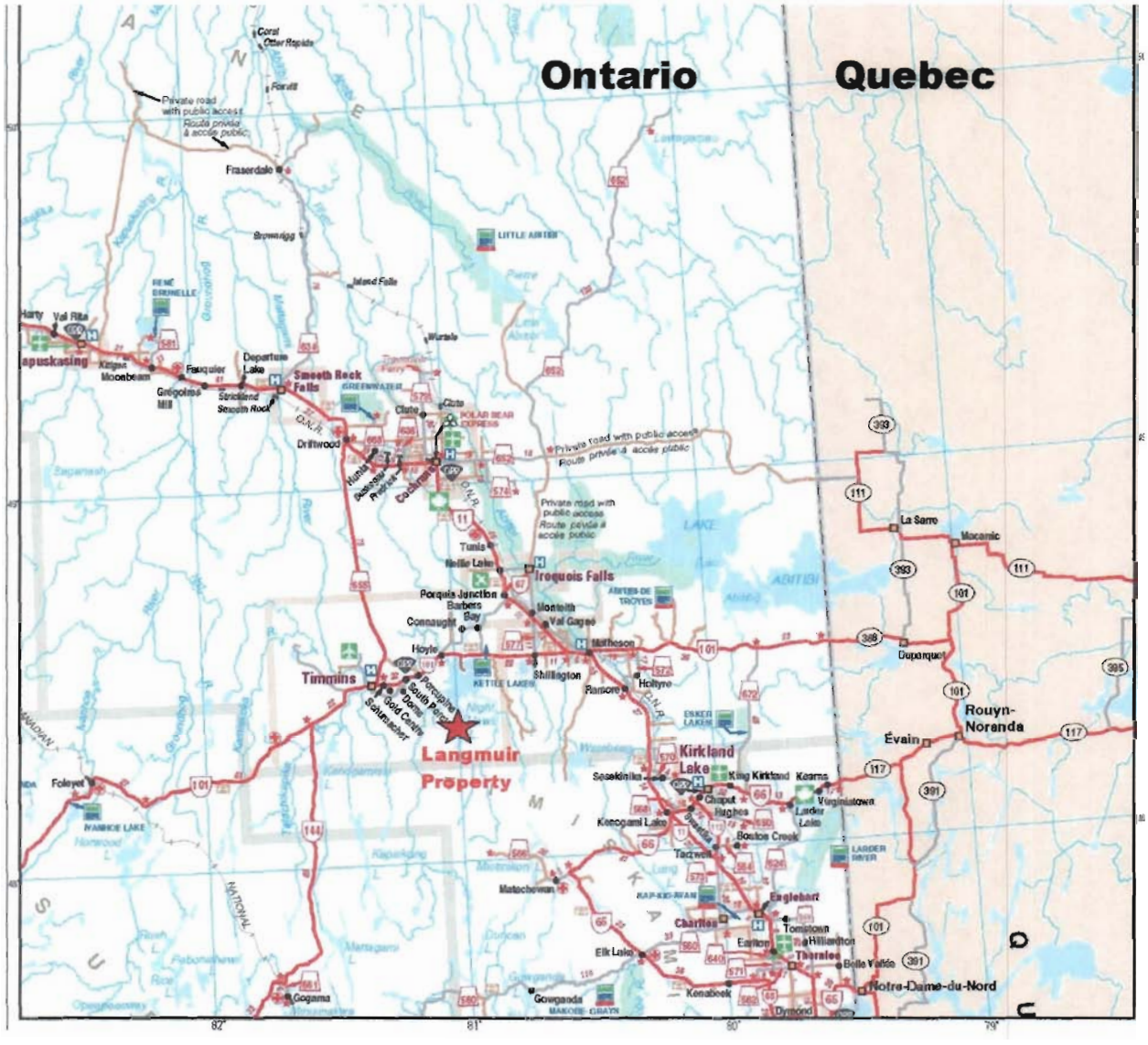

Figure 1 Location Map

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

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

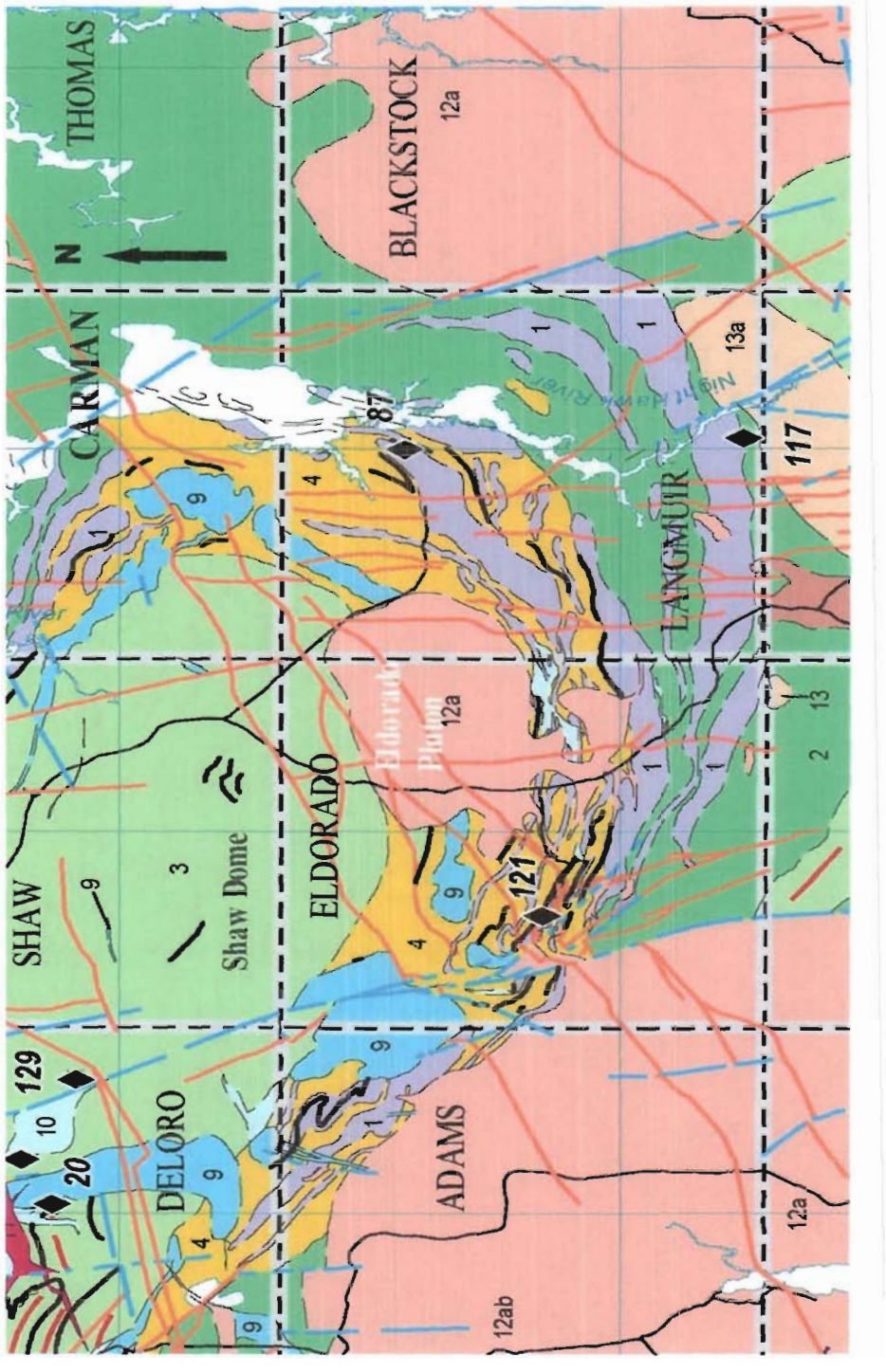

Figure 2 Southeast Timmins Regional Geology Map

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).

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

On May 6, 2007 Golden Chalice Resources Inc. announced a new nickel discovery on their Langmuir Property. This nickel discovery is the first significant nickel discovery in the Timmins mining camp in over 30 years. Drill hole GCL07-06 returned 1.14% Nickel over 72.50 metres, including two separate heavily mineralized intervals of 2.23% Nickel (Ni), 0.22% Copper (Cu), 0.20 g/t Platinum (Pt), and 0.50 g/t Palladium (Pd) over 17.50 metres of drill core, and 1.74 % Ni, 0.12% Cu, 0.20 g/t Pt, and 0.47 g/t Pd over 13.10 metres of drill core. 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%.

DISCUSSION OF DRILL HOLE GCL07-42

Drill hole GCL07-42 was completed on the Langmuir Property from November 22 to December 4, 2007. It had a length of 412.5 m and was drilled by Norex Drilling of Timmins. The purpose of the drill hole was to test the possibility that the nickel zones in the Langmuir Discovery hole GCL07-06 extended 300 m west of the discovery. Hole GCL07-42 was drilled west of the Nighthawk River and south of the Fork River at GPS co-ordinates 5349251N and 497321E NAD 83 (see Figure 3). It had a collar dip of -45.2 degrees and an azimuth of 322.2 degrees.

A brief summary of the hole drilled is outlined below and a detail drill log is 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 was employed which included the insertion of standards and blanks for each batch of samples. In hole GCL07-42 sample number 102550 is a blank and sample number 102575 is a standard.

Complete analytical results are listed on the certificate of analysis in Appendix B.

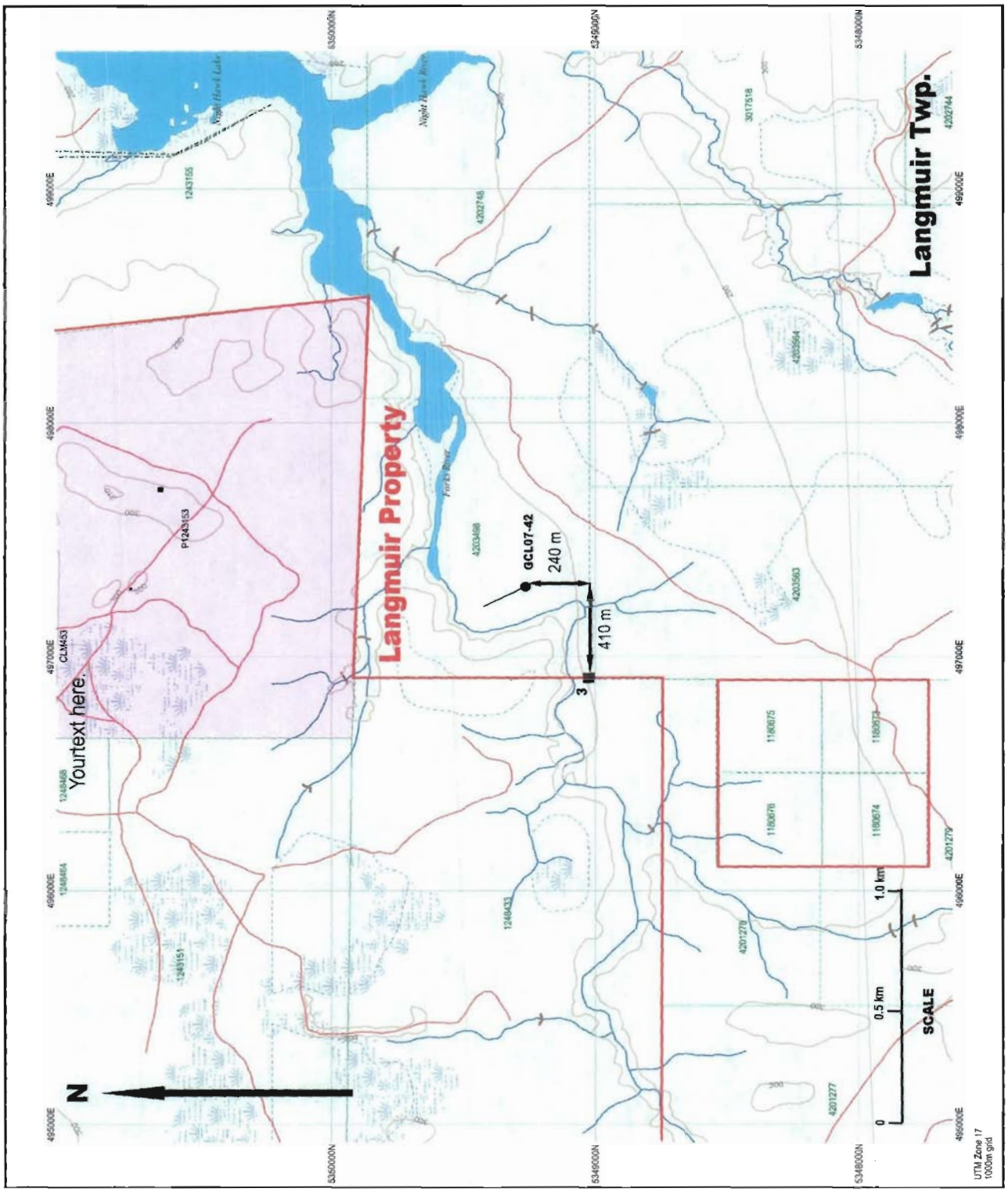

Figure 3 Drill Hole Location Map

Hole GCL07-42 The hole intersected predominantly komatiitic peridotite flows having adcumulate to mesocumulate textures and spinifex flow tops. The spinifex textured sections indicate that the younging direction is uphole. The peridotite flows are intruded by the following small intrusives: granodiorite from 140.5 to 164.9 and 210.10 to 211.7 m, pyroxenite from 230.05 to 237.85 m, gabbro from 270.5 to 273.9 m and an intermediate dyke from 312.9 to 315.45 m down hole. The peridotite flows are moderately sheared and carbonatized above the granodiorite intrusion, from 122 to 140.5 m down hole.

Sulphide mineralization was encountered in the peridotite flows and locally within the intrusives. It consisted of 1-3% brassy pyrite disseminations to local blebs. The three longest sections of pyrite mineralization were from 168 to 178 m, 188.3 to 193 m and 224 to 229 m down hole.

The drill hole section for GCL07-42 is found in the map pocket at the back of this report.

The drill core of hole GCL07-42 is currently stored at the Hastings Management core storage facility on Airport Road, in Timmins, Ontario.

CONCLUSION AND RECOMMENDATIONS

Hole GCL07-42 did not intersected significant metallic mineralization (Au, Pt, Pd, Ag, Cu, Ni, Zn and Pb). It did however cut peridotite flows that are similar to the flows hosting the Langmuir Nickel Discovery.

Further exploration work is recommended in the area of hole GCL07-42.

REFERENCES

Caldbick, P.
2007 Assessment report on the Langmuir Property for Golden Chalice Resources; Jan 28, 2007.

Chartre, E .
2005 Golden Chalice Resources Inc. Geophysical Surveys Langmuir Township, Internal Report, March 2005

Montgomery, K.
2008 Report of the 2007 Diamond Drilling on the Langmuir Property, Porcupine Mining Division, Northeastern Ontario of Golden Chalice Resources Inc.

Orta, M.
2005 Report on a Helicopter-borne Time Domain Electromagnetic Geophysical Survey, Langmuir Property for Golden Chalice Resources by Geotech Limited.

Ploeger, J.
2006 Golden Chalice Resources Total Field magnetometer and VLF EM surveys over the Langmuir Targets, Langmuir Township, Ontario.

CERTIFICATE OF QUALIFICATIONS

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

(1) I am a professional Consulting Geologist, residing at 1190 Lozanne Crescent, Timmins Ontario, P4P 1E8.

(2) I hold a B.Sc. Honours degree in Geological Sciences (1984) from Queen's University of Kingston, Ontario and a M.Sc.(App.) in Mineral Exploration (1987) from McGill University at Montreal, Quebec.

(3) I am a registered professional geoscientist with the Association of Professional Geoscientists of Ontario. I am also a member of the Prospectors and Developers Association of Canada, and the Porcupine Prospectors and Developers Association.

(4) This report is based on my supervision and logging of drill hole GCL07-42 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 15th day of October, 2008.

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

APPENDIX A DRILL HOLE LOG

Date: 18 Sep, 2008 | GOLDEN CHALICE RESOURCES INC | Page: 1 of 10

DRILL HOLE RECORD

Northing:	5349251.00
Easting:	497321.40
Elevation:	294.78
Collar Azi.:	322.2
Collar Dip:	-45.2
Hole length:	412.30
Units:	Metric
Core size:	NQ
Grid:	Metric 2007
Materials left:	Casing
Collar survey:	Chained
DH Survey method:	Reflex
Comments:	
Logged by:	Kevin Montgomery
Date(s) logged:	Nov 23, 2007
Purpose:	Test West Extension of West Nickel Zones.
Core storage:	Hastings Core Facility Timmins

*** Dip Tests ***

Depth	Azi.	Dip
26	325.7	-43.0
77	323.3	-43.0
128	325.0	-43.4
179	322.4	-43.5
230	324.8	-43.6
281	327.3	-44.3
332	324.1	-44.2
374	324.6	-44.1

Drill Hole:	GCL07-42
Project:	Langmuir Zone
Property:	Langmuir
Claim:	4203498
Northing:	100N
Easting:	250W
GPS Northing:	5349250.46
GPS Easting:	497321.44
Date Started:	Nov 22, 2007
Date completed:	Dec.4, 2007
Drilled by:	Norex
Sample type:	Cut Core
Analyses:	PM 30g FA, BM AA
Lab:	Expert
Sample series:	1025538-593
Lab report:	21076

From (m)	To (m)	Geology	Sample	From (m)	To (m)	L (m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm	Cu(%)	Ni(%)
.00	14.00	OVERBURDEN															
14.00	65.60	KOMATIITIC PERIDOTITE ADCUMULATE															
		14.00 Metre of casing. Magnetic reading at 26m 325.7/-43.	102538	58.00	59.00	1.00	6	5	6	.4	130	588	29	50	66		
		Black to dark green adcumulate peridotite (same as other holes). Unit is moderately magnetic to magnetic.	102539	59.00	60.00	1.00	6	7	6	<.2	98	535	25	21	67		
			102540	60.00	61.00	1.00	<5	10	7	.5	151	694	27	22	78		
			102541	61.00	62.00	1.00	<5	9	10	<.2	73	537	32	22	78		
			102542	62.00	63.00	1.00	<5	7	7	<.2	77	563	29	25	76		
		Structure: overall weak fracturing rqd-80.	102543	63.00	64.00	1.00	5	6	7	<.2	132	637	32	38	75		
		14.00 15.50 Blocky core, surface fracturing rqd-20.															
		16.40 18.50 Crackle-brecciation- fine fracturing with both dark green serpentine or white carbonate infillings.															
		Light green bleached section due to alteration halos about fracturing.															
		19.00 21.00 Blocky core, moderate fracturing rqd-50.															
		20.00 33.50 1% white to pale green carbonate-serpentine veinlets, fracture fillings and tension gashes.															
		21.40 21.50 White carbonate -serpentine vein with uc 60 to core axis and lost core 45 to ca.															
		23.88 23.94 Pale green serpentine-carbonate vein (2-2.5cm), 15 to core axis with 2% very fine grained pyrrhotite specks.															

From (m)	To (m)	Geology	Sample	From (m)	To (m)	L (m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm	Cu (%)	Ni (%)
	27.40	28.05 Quench texture- black vfg-aphanitic angular peridotite blocks (40%) with white carbonate matrix and laths interstial to them.															
	28.80	30.20 Same as 27.4-28.05m.															
	32.90	33.30 White very fine grained carbonate flooded section.															
	37.50	59.10 1-2%, same as 20- 33.5m.															
	56.00	57.50 Same as 14-15.5m.															
	58.30	66.80 Light grey, very fine grained, bleached section. Moderate intense to patchy grey-green serpentinization and carbonatization.															
		Lower contact gradational.															
	58.00	59.00 0.5% brassy fine grained pyrite disseminations.															
	59.00	60.00 1% fine grained brassy pyrite disseminations locally cubic.															
	60.00	61.00 3%, same as above.															
	61.00	62.00 1%, same as above.															
	62.00	63.00 1%, same as above.															
	63.00	64.00 Trace, same as above.															
65.60	71.40	KOMATIITIC SPINIFEX PERIDOTITE															
		Black, very fine grained, weakly spinifex textured magnetic olivine komatiite. It is comprised of white altered (serpentine?) olivine laths randomly oriented within very fine grained adcumulate peridotite.															
		Abundance of laths variable 5-15% throughout section. Nil sulphides.															
		Structure: weak fracturing rqd-80.															
	65.60	68.30 1-2% white carbonate veinlets.															
71.40	74.00	KOMATIITIC PERIDOTITE ADCUMULATE															
		Same as 14- 65.6 m.															
		Alteration: moderate to weak pervasive carbonate.															
74.00	122.00	KOMATIITIC PERIDOTITE MESOCUMULATE															
		Black to grey, magnetic, vfg-fg, soft, mesocumulate peridotite (75-80 % black fine olivine cumulate grains in a white aphanitic matrix).	102544	101.50	102.50	1.00	<5	<5	<5	.3	85	849	34	22	64		
			102545	102.50	103.50	1.00	<5	<5	<5	.4	103	992	30	25	74		
			102546	103.50	104.50	1.00	<5	7	5	<.2	88	820	33	22	63		
		Moderately intense (7-10%) white to pale green vfg-aphanitic carbonate- serpentine filled fractures.															
		Structure: moderate fracturing rqd- 70.															
	74.00	74.50 Scattered brassy, fg-mg pyrite specks within white carbonate filled fractures.															
		Lower contact marked by the commencement of shear fabric.															
	101.50	102.50 Bracket sample, nil sulphides.															

From (m)	To (m)	Geology	Sample	From (m)	To (m)	L (m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm	Cu (%)	Ni (%)
		102.50 103.50 0.5-1% brassy to brown fine grained pyrite specks within white to pale green carbonate stringers/veinlets.															
		103.50 104.50 Bracket sample, nil sulphides.															
122.00	140.50	KOMATIITIC PERIDOTITE SHEARED															
		Greenish grey, mottled, moderately sheared (60-70 to ca) mesocumulate- adcumulate peridotite. Nil sulphides until the lower contact area. Alteration: weak to moderate pervasive carbonatization with strongly sheared sections having serpentinization. Structure: moderate fracturing RQD - 60- 70.	102547	136.00	137.00	1.00	5	<5	<5	<.2	71	627	15	18	47		
			102548	137.00	138.00	1.00	<5	<5	<5	<.2	68	407	16	19	54		
			102549	138.00	139.00	1.00	<5	6	8	.4	82	445	29	21	52		
			102550	139.00	139.00	.00	5	18	31	<.2	104	62	20	21	16		
			102551	139.00	140.00	1.00	17	10	8	<.2	95	319	27	22	71		
			102552	140.00	140.50	.50	7	8	7	.5	94	440	37	22	72		
		122.00 122.95 Green strongly sheared serpentinized peridotite with 5-7% white carbonate wispy lenses to gashes.															
		130.80 136.80 Intense (15-17%) white irregular contorted carbonate veinlets (5mm-3cm) to gashes throughout.															
		131.00 132.10 Same as 122-122.95m, contorted very fine grained white carbonate gashes.															
		Lower contact sharp 70 to ca.															
		136.00 137.00 0.5% brassy vfg-fg pyrite disseminations.															
		137.00 138.00 0.5%, same as above.															
		138.00 139.00 0.5%, same as above.															
		139.00 Blank, gcsh-05-03 4.5-5.0m.															
		139.00 140.00 0.5% brassy vfg-fg pyrite disseminations.															
		140.00 140.50 0.5%, same as above.															
140.50	164.80	GRANODIORITE															
		Pinkish grey, fg-mg, massive, homogeneous, non-magnetic granodiorite intrusion. Structure: massive with very minor fractures rqd-97. Alteration: local patches of pinkish k-spar halos about fractures and small patches. Lower contact sharp 40 to ca.	102553	140.50	141.50	1.00	<5	<5	<5	.3	58	24	40	19	14		
		140.50 141.50 Bracket sample, nil sulphides.															
164.80	210.10	KOMATIITIC PERIDOTITE ADCUMULATE															
		Grey, vfg-aphanitic, massive, homogeneous, adcumulate peridotite. Alteration: weak to moderate pervasive carbonatization. Structure: weak fracturing rqd-95 except from 167 to 172m where moderate fracturing occurs rqd- 70 overall.	102554	167.00	168.00	1.00	5	5	6	.2	118	384	39	20	51		
			102555	168.00	169.00	1.00	20	11	9	.3	201	747	36	22	72		
			102556	169.00	170.00	1.00	<5	6	9	<.2	92	376	29	17	45		
			102557	170.00	171.00	1.00	<5	<5	<5	.3	139	476	58	23	52		
			102558	171.00	172.00	1.00	<5	7	9	<.2	199	400	42	21	49		
			102559	172.00	173.00	1.00	<5	<5	5	.3	182	515	62	27	57		
			102560	173.00	174.00	1.00	<5	<5	<5	.2	166	339	52	23	44		
		166.00 176.00 1-2% white very fine grained irregular stringers to gashes.	102561	174.00	175.00	1.00	<5	<5	<5	.4	151	480	74	28	66		
			102562	175.00	176.00	1.00	<5	7	8	.4	121	434	46	23	57		
		177.00 177.60 Alteration: moderately silicified	102563	176.00	177.00	1.00	<5	6	7	<.2	51	506	37	22	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	Cu (%)	Ni (%)
		light grey bleaching.	102564	177.00	178.00	1.00	<5	<5	<5	.3	95	266	49	23	38		
	191.50 193.00	Pinkish white quartz (grey)-	102565	178.00	179.00	1.00	<5	10	7	<.2	120	416	29	21	49		
		carbonate infilled fractures to fine	102566	187.50	188.30	.80	<5	11	11	<.2	85	426	37	25	62		
		tension gashes.	102567	188.30	189.40	1.10	<5	6	6	.5	94	550	35	23	58		
	206.70 206.95	Pinkish grey fine grained	102568	189.40	190.40	1.00	9	9	9	.2	102	530	37	23	52		
		granodiorite block or dyke.	102569	190.40	191.50	1.10	5	10	8	.2	246	501	35	21	74		
	208.50 208.70	Same as 206.7-206.95m, 1-2 %	102570	191.50	192.50	1.00	5	13	14	.2	285	640	31	19	53		
		disseminated pyrite.	102571	192.50	193.00	.50	6	16	10	.5	564	855	40	24	57		
	209.45 209.60	Same as 206.7-206.95m, 1-2 %	102572	193.00	194.00	1.00	7	12	8	.2	334	493	36	21	65		
		disseminated pyrite.	102573	194.00	195.00	1.00	<5	5	9	<.2	181	441	37	20	60		
	209.90 210.10	Min: 4% fine grained cubic															
		disseminated pyrite at lower contact.															
	Lower contact	sharp 55 to ca.															
	167.00 168.00	Trace brassy very fine grained pyrite															
		disseminations.															
	168.00 169.00	0.5% brassy vfg-fg pyrite															
		disseminations.															
	169.00 170.00	0.5% brassy vfg-fg pyrite															
		disseminations.															
	170.00 171.00	0.5% brassy vfg-fg pyrite															
		disseminations.															
	171.00 172.00	0.5% brassy vfg-fg pyrite															
		disseminations.															
	172.00 173.00	1%, same as above withlocal fine															
		grained disseminated pyrite lenses															
		(1x3 cm) at 172.4 and 172.95 m).															
	173.00 174.00	0.5% brassy vfg-fg pyrite															
		disseminations.															
	174.00 175.00	0.5% brassy vfg-fg pyrite															
		disseminations.															
	175.00 176.00	1%, same as above.															
	176.00 177.00	1%, same as above.															
	177.00 178.00	1%, same as above.															
	178.00 179.00	Bracket sample, nil sulphides.															
	187.50 188.30	Bracket sample, nil sulphides.															
	188.30 189.40	1% brassy very fine grained pyrite															
		disseminations.															
	189.40 190.40	3% fine grained brassy pyrite															
		disseminations locally cubic.															
	190.40 191.50	3% fine grained brassy pyrite															
		disseminations locally cubic.															
	191.50 192.50	3% fine grained brassy pyrite															
		disseminations locally cubic.															
	192.50 193.00	3% fine grained brassy pyrite															
		disseminations locally cubic.															
	193.00 194.00	1%, same as above.															
	194.00 195.00	Bracket sample, nil sulphides.															
210.10	211.70	GRANODIORITE															
		Grey, very fine grained, massive to crackle															
		brecciated, hard, homogeneous granodiorite dyke-															

From (m)	To (m)	Geology	Sample	From (m)	To (m)	L (m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm	Cu (%)	Ni (%)
		weak pervasive calcite.															
		The upper particularly 210.1- 210.3m is fg. Crackle															
		brecciation due to fine white carbonate filled															
		fractures.															
		Min: 0.5-1% fine grained cubic disseminated pyrite.															
		Lower contact irregular to wavy about 80 to ca.															
211.70	213.40	KOMATIITIC PERIDOTITE ADCUMULATE															
		Dark green to blackish green, aphanitic, soft,															
		adcumulate peridotite.															
		Structure: moderately fractured rqd-70.															
		Lower contact gradational.															
213.40	215.30	KOMATIITIC PERIDOTITE MESOCUMULATE															
		Black, white- speckled, massive, homogeneous, fine															
		grained, non-magnetic, mesocumulate peridotite (70%															
		black olivine grains to laths within a white															
		aphanitic matrix).															
		Alteration: weak pervasive silification of matrix.															
		213.40 213.90 Min: 2% fine grained brassy															
		disseminated pyrite.															
		213.90 215.30 Min: trace same as above.															
		Lower contact gradational.															
215.30	224.00	KOMATIITIC SPINIFEX PERIDOTITE															
		Green, very fine grained, non-magnetic, peridotite	102574	223.00	224.00	1.00	<5	6	10	<.2	99	430	49	21	56		
		with olivine spinifex texture commencing at about															
		217m.															
		Spinifex consists of 10-15% long black olivine															
		needles randomly oriented or platy oriented.															
		Structure: moderate fracturing RQD 70. Min: trace															
		to locally 0.5% disseminated pyrite.															
		215.30 215.50 Dark green adcumulate peridotite (															
		same as 211.7- 213.4m).															
		215.50 216.25 Alteration: weak to moderate															
		pervasive silification(grey bleached															
		section).															
		216.25 217.00 Blocky core, rqd- 30 dark green															
		aphanitic adcumulate peridotite.															
		Lower contact sharp but undiscernable.															
		223.00 224.00 0.5-1% brassy vfg-fg pyrite															
		disseminations.															
224.00	230.05	KOMATIITIC PERIDOTITE MESOCUMULATE															
		Grey, vfg-fg, massive, magnetic, homogeneous	102575	224.00	224.00	.00	30	148	188	.8	2580	13300	85	32	207		1.33
		mesocumulate peridotite (75-80% olivine cumulate).	102576	224.00	225.00	1.00	10	<5	<5	.4	162	132	81	31	42		
		The peridotite is cut by 1-2% white carbonate	102577	225.00	226.00	1.00	<5	<5	<5	.4	187	30	109	33	41		
		microfractures.	102578	226.00	227.00	1.00	7	<5	<5	.5	143	22	85	30	28		
		Structure: weakly fractured, rqd- 90.	102579	227.00	228.00	1.00	6	<5	<5	.4	118	50	86	29	32		
		228.80 230.05 Moderately intense (5-7%) white	102580	228.00	229.00	1.00	21	<5	<5	.5	99	163	71	25	40		
		carbonate veinlets and 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	Cu (%)	Ni (%)
		within moderately serpentinized section.															
		Lower contact sharp 45 to ca.															
		224.00 Standard ni 113.															
		224.00 225.00 3% brassy vfg-fg pyrite disseminations.															
		225.00 226.00 3%, same as above.															
		226.00 227.00 3%, same as above.															
		227.00 228.00 3%, same as above.															
		228.00 229.00 0.5%, same as above.															
230.05	237.85	PYROXENITE															
		Pale green, very fine grained, moderately hard, non-magnetic, homogeneous felt textured pyroxenite intrusive (80 % pale green pyroxene laths with white plogiockase- quartz matrix interstial to them).															
		Min: 0.5-1% scattered very fine grained to fine grained cubic disseminated brassy pyrite.															
		Lower contact is sharp 50 to ca.															
237.85	270.50	KOMATIITIC PERIDOTITE MESOCUMULATE															
		Same as 224-230.05m but non-magnetic.															
		Alteration: moderate pervasive carbonatization.															
		The mesocumulate is cut by intense (15- 20%) white irregular carbonate stringers to veinlets throughout.															
		Min: 0.5% brassy fine grained disseminated brassy pyrite.															
		Structure: weakly fractured, rqd- 90.															
		240.85 243.00 Foliated section where the white carbonate stringers /veinlets are parallel to each other, 30 to ca.															
		243.35 244.10 Tectonic breccia-2-3% irregular white carbonate filled fractures causing brecciation.															
		267.30 268.90 Fault breccia zone - pale green, friable, soft, serpentinized peridotite with grey aphanitic peridotite blocks.															
		Lower contact sharp 75 to ca.															
270.50	273.90	GABBRO															
		Black, fine grained, massive, non-magnetic, gabbro.	102581	270.50	271.50	1.00	9	<5	<5	.6	102	58	92	26	39		
		It consists of interlocked black amphiboles (50%),	102582	271.50	272.50	1.00	<5	<5	<5	.3	143	26	95	24	37		
		grey quartz (30%), 15% white plagioclase and 5 %	102583	272.50	273.10	.60	<5	<5	<5	.5	246	16	72	25	35		
		fine biotite specks.															
		273.10 273.90 Blocky core, rqd-10.															
		Lower contact sharp 30 to ca.															
		270.50 271.50 0.5-1% brown very fine grained pyrrhotite disseminations.															

From (m)	To (m)	Geology	Sample	From (m)	To (m)	L (m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm	Cu (%)	Ni (%)
		271.50 272.50 0.5-1% brown very fine grained pyrrhotite disseminations.															
		272.50 273.10 0.5-1% brown very fine grained pyrrhotite disseminations.															
273.90	280.90	KOMATIITIC PERIDOTITE MESOCUMULATE															
		Green, vfg-fg, non-magnetic, mesocumulate. (same as 224-230.05m).	102584	280.10	280.90	.80	<5	12	7	.5	101	592	45	24	69		
		It is cut by 0.5-1% white carbonate stringers.															
		Structure: moderately fractured. Rqd-70 nil sulphides.															
		Alteration: weak to moderate pervasive serpenitization.															
		Lower contact gradational.															
		280.10 280.90 0.5-1% brown very fine grained pyrrhotite disseminations.															
280.90	302.45	KOMATIITIC PERIDOTITE ADCUMULATE															
		Grey, very fine grained to aphanitic, non-magnetic, homogeneous, massive adcumulate (> 95% altered tightly packed olivine).	102585	280.90	282.00	1.10	6	10	7	.5	87	744	27	22	65		
			102586	282.00	283.00	1.00	6	10	9	.3	88	780	23	22	63		
			102587	283.00	284.00	1.00	<5	10	8	.4	75	671	28	21	60		
		Below 295.9m, higher matrix content - 10-12% white aphanitic matrix. It is cut by 3-4% white carbonate- serpentine veinlets.	102588	284.00	285.00	1.00	<5	7	8	.4	72	559	37	37	60		
		Structure: weak fracturing rqd- 95.															
		Alteration: weak to moderate pervasive carbonatization.															
		Lower contact sharp 40 to ca.															
		295.90 296.90 Black, fine grained, graphitic and biotitic, adcumulate peridotite (85-90% olivine cumulate).															
		Lower contact sharp 40 to ca.															
		280.90 282.00 0.5%, same as above.															
		282.00 283.00 0.5%, same as above.															
		283.00 284.00 0.5%, same as above.															
		284.00 285.00 Bracket sample, nil sulphides.															
302.45	304.20	KOMATIITIC PERIDOTITE ORTHOCUMULATE															
		Pale bleached green, soft, serpentinized orthocumulate peridotite.															
		It consists of 30% grey carbonatized olivine cumulate in a pale green aphanitic matrix. Nil sulphides.															
		Sharp lower contact but orientation undiscernable.															
304.20	312.90	KOMATIITIC PERIDOTITE ADCUMULATE															
		Grey to green, mottled, very fine grained, soft, non-magnetic, homogeneous massive adcumulate peridotite (90-95% olivine cumulate in mutual contact with very minor matrix).	102589	312.00	312.90	.90	<5	14	12	.6	64	396	64	30	72		
		Alteration: weak pervasive serpentinization															

From (m)	To (m)	Geology	Sample	From (m)	To (m)	L (m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm	Cu (%)	Ni (%)
		throughout with local sections more intense eg.															
		308-309m.															
		Structure: weak fracturing rqd-95.															
		Lower contact sharp 75 to ca.															
		312.00 312.90 Bracket sample, nil sulphides.															
312.90	315.45	INTERMEDIATE DYKE															
		Grey, very fine grained, hard, homogeneous,	102590	312.90	313.40	.50	27	13	6	<.2	81	246	88	41	54		
		massive, intermediate intrusive dyke (10-15% black	102591	313.40	314.50	1.10	<5	<5	<5	.3	52	44	51	28	29		
		amphibiole laths?).	102592	314.50	315.45	.95	6	<5	<5	.5	82	151	83	53	36		
		Lower contact sharp 70 to ca.															
		312.90 313.40 Trace to 0.5% brown very fine grained pyrrhotite disseminations with very fine pn pricks in the pyrrhotite.															
		313.40 314.50 1%, same as above.															
		314.50 315.45 0.5%, same as above.															
315.45	365.20	KOMATIITIC PERIDOTITE ADCUMULATE															
		Same as 304.2-312.9m but cut by 1% irregular pale	102593	315.45	316.50	1.05	75	5	7	.7	74	626	56	34	68		
		green aphanitic serpentine veinlets (0.5cm) and															
		white carbonate infilled microfractures.															
		Local patches of higher matrix content 10-15%.															
		Structure: weak fracturing, rqd-95.															
		Alteration: weak pervasive serpentinization															
		throughout with local pale green carbonatization															
		sections at 323-323.5m, 340.8- 342.3m.															
		321.00 Min: large blob (1.5x3 cm) of brassy vfg-fg pyrite within a white carbonate stringer.															
		331.00 Min: brassy vfg-fg pyrite-carbonate bleb (1x2 cm).															
		349.00 350.00 2-3% pale green carbonate- serpentine filled fractures (3-5mm) with local weak brecciation sections at 349-350m, 353-354m, 354.5-356m, 359.2-359.8m.															
		361.80 Min: brassy vfg-fg pyrite specks within a white carbonate stringer.															
		Lower contact gradational.															
		315.45 316.50 Bracket sample, nil sulphides.															
365.20	368.50	KOMATIITIC PERIDOTITE MESOCUMULATE															
		Black speckled, green, serpentinized very fine															
		grained mesocumulate peridotite (55-60% dark green															
		and green serpentinized olivine cumulate grains and															
		laths in a pale green serpentinized carbonate															
		aphanitic matrix). Nil sulphides.															
		Structure: weak fracturing rqd-95 trace carbonate															
		fractures.															
		Lower contact gradational.															

From (m)	To (m)	Geology	Sample	From (m)	To (m)	L (m)	Au ppb	Pt ppb	Pd ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pb ppm	Co ppm	Cu (%)	Ni (%)
368.50	385.00	KOMATIITIC PERIDOTITE ADCUMULATE															
		Mixed unit of crackle brecciated aphanitic adcumulate peridotite (>95% tightly packed olivine cumulate) and greenish black vfg- mesocumulate peridotite (70-75% olivine cumulate).															
		Structure: weak to moderate fracturing rqd-75-80.															
		368.50 370.60 KOMATIITIC PERIDOTITE ADCUMULATE.															
		Fine black serpentine filled microfractures.															
		370.60 373.85 KOMATIITIC PERIDOTITE MESOCUMULATE.															
		373.85 375.95 KOMATIITIC PERIDOTITE ADCUMULATE.															
		Crackle brecciated with microfractures having biotitic halos about them.															
		375.95 380.90 KOMATIITIC PERIDOTITE MESOCUMULATE.															
		379.20 380.10 Moderate to strong fracturing rqd- 35.															
		380.90 385.00 KOMATIITIC PERIDOTITE ADCUMULATE.															
		Crackle brecciated as a result of 5-7% biotitic microfractures irregularly oriented.															
		Lower contact sharp 60 to ca.															
385.00	392.30	KOMATIITIC SPINIFEX PERIDOTITE															
		Green, non-magnetic, olivine spinifex komatiite flow top sequence.															
		Flow top shearing with calcite stringers from 392.3-392.4m.															
		Alteration: weak pervasive serpentinization throughout.															
		Structure: upper section to 389m strongly fractured RQD 20-30 while lower section is weakly fractured rqd-60.															
		The sequence is subdivided as follows :.															
		385.00 389.00 Mesocumulate peridotite with local olivine spinifex patches.															
		389.00 391.70 Platy olivine spinifex textured section that consists of 30% long olivine needles in a mesocumulate matrix.															
		391.70 392.30 Transitional zone between KOMATIITIC PERIDOTITE MESOCUMULATE and kpda.															
		Lower contact gradational.															
392.30	412.30	KOMATIITIC PERIDOTITE ADCUMULATE															
		Blackish green to dark green, very fine grained, non-magnetic, massive adcumulate peridotite.															
		It is cut by 2% white very fine carbonate stringers randomly oriented.															
		Structure: very weakly fractured.															
		399.20 399.70 Alteration: bleached section of weak to moderate pervasive carbonatization about a white carbonate veinlet 15 to c a.															

GCL07-42 (continued)

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

APPENDIX B ASSAY CERTIFICATE

Laboratoire Expert Inc.

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Canada, J9X 6P2
Telephone : (819) 762-7100, Fax : (819) 762-7510

*** Certificate of analysis ***

Client : **Golden Chalice Resources**

Addressee : **Darlene Wojtczak**

Folder : **21076**
Your order number : **042**
Project : **LANGMUIR**

Total number of samples : **56**

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
102538	6	5	5	<5	6	5	0.3	0.4
102539	6		7		6		<0.2	
102540	<5		10		7		0.5	
102541	<5		9		10		<0.2	
102542	<5		7		7		<0.2	
102543	5		6		7		<0.2	
102544	<5		<5		<5		0.3	
102545	<5		<5		<5		0.4	
102546	<5		7		5		<0.2	
102547	5		<5		<5		<0.2	
102548	<5		<5		<5		<0.2	
102549	<5		6		8		0.4	
102550	5	5	16	20	32	30	<0.2	<0.2
102551	17		10		8		<0.2	
102552	7		8		7		0.5	
102553	<5		<5		<5		0.3	
102554	5		5		6		0.2	
102555	20		11		9		0.3	
102556	<5		6		9		<0.2	
102557	<5		<5		<5		0.3	

Joe Landers, Manager

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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
102558	<5		7		9		<0.2	
102559	<5		<5		5		0.3	
102560	<5		<5		<5		0.2	
102561	<5		<5		<5		0.4	
102562	<5	<5	8	5	8	7	0.5	0.3
102563	<5		6		7		<0.2	
102564	<5		<5		<5		0.3	
102565	<5		10		7		<0.2	
102566	<5		11		11		<0.2	
102567	<5		6		6		0.5	
102568	9		9		9		0.2	
102569	5		10		8		0.2	
102570	5		13		14		0.2	
102571	6		16		10		0.5	
102572	7		12		8		0.2	
102573	<5		5		9		<0.2	
102574	<5	<5	6	6	9	10	<0.2	<0.2
102575	30		148		188		0.8	
102576	10		<5		<5		0.4	
102577	<5		<5		<5		0.4	

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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
102578	7		<5		<5		0.5	
102579	6		<5		<5		0.4	
102580	21		<5		<5		0.5	
102581	9		<5		<5		0.6	
102582	<5		<5		<5		0.3	
102583	<5		<5		<5		0.5	
102584	<5		12		7		0.5	
102585	6		10		7		0.5	
102586	6	5	11	8	9	9	0.2	0.3
102587	<5		10		8		0.4	
102588	<5		7		8		0.4	
102589	<5		14		12		0.6	
102590	27		13		6		<0.2	
102591	<5		<5		<5		0.3	
102592	6		<5		<5		0.5	
102593	75		5		7		0.7	

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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
102538	134	126	598	580	30	28	51	49
102539	98		535		25		21	
102540	151		694		27		22	
102541	73		537		32		22	
102542	77		563		29		25	
102543	132		637		32		38	
102544	85		849		34		22	
102545	103		992		30		25	
102546	88		820		33		22	
102547	71		627		15		18	
102548	68		407		16		19	
102549	82		445		29		21	
102550	97	110	63	61	20	20	19	22
102551	95		319		27		22	
102552	94		440		37		22	
102553	58		24		40		19	
102554	118		384		39		20	
102555	201		747		36		22	
102556	92		376		29		17	
102557	139		476		58		23	

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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
102558	199		400		42		21	
102559	182		515		62		27	
102560	166		339		52		23	
102561	151		480		74		28	
102562	125	116	437	430	48	44	22	23
102563	51		506		37		22	
102564	95		266		49		23	
102565	120		416		29		21	
102566	85		426		37		25	
102567	94		550		35		23	
102568	102		530		37		23	
102569	246		501		35		21	
102570	285		640		31		19	
102571	564		855		40		24	
102572	334		493		36		21	
102573	181		441		37		20	
102574	96	102	433	427	49	48	21	21
102575	2580		---------- >DL		85		32	
102576	162		132		81		31	
102577	187		30		109		33	

>DL Value greater than detection limit

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Date : 2008/01/30

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Your order number : **042**
Project : **LANGMUIR**

Total number of samples : **56**

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
102578	143		22		85		30	
102579	118		50		86		29	
102580	99		163		71		25	
102581	102		58		92		26	
102582	143		26		95		24	
102583	246		16		72		25	
102584	101		592		45		24	
102585	87		744		27		22	
102586	89	86	790	770	24	22	21	22
102587	75		671		28		21	
102588	72		559		37		37	
102589	64		396		64		30	
102590	81		246		88		41	
102591	52		44		51		28	
102592	82		151		83		53	
102593	74		626		56		34	

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Designation	Co AAT-7 ppm 2	Co-Dup AAT-7 ppm 2	Ni AAT-8 % 0.010
102538	66	65	
102539	67		
102540	78		
102541	78		
102542	76		
102543	75		
102544	64		
102545	74		
102546	63		
102547	47		
102548	54		
102549	52		
102550	14	17	
102551	71		
102552	72		
102553	14		
102554	51		
102555	72		
102556	45		
102557	52		

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Designation	Co AAT-7 ppm 2	Co-Dup AAT-7 ppm 2	Ni AAT-8 % 0.010
102558	49		
102559	57		
102560	44		
102561	66		
102562	58	56	
102563	50		
102564	38		
102565	49		
102566	62		
102567	58		
102568	52		
102569	74		
102570	53		
102571	57		
102572	65		
102573	60		
102574	54	57	
102575	207		1.330
102576	42		
102577	41		

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Designation	Co AAT-7 ppm 2	Co-Dup AAT-7 ppm 2	Ni AAT-8 % 0.010
102578	28		
102579	32		
102580	40		
102581	39		
102582	37		
102583	35		
102584	69		
102585	65		
102586	63	63	
102587	60		
102588	60		
102589	72		
102590	54		
102591	29		
102592	36		
102593	68		