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September, 2015
NTS: SW 042A01, NE 41P15, NW41P16

Diamond Drilling Report on the Lucky Irish Property

Claim 3003775

Flavelle Township

Larder Lake Mining Division

543500E 5316100N
UTM NAD83 Z17N

Report Prepared by:

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PO Box 122
Swastika, Ontario
T0K 1T0

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1.0 Introduction

John Rapski is the current claim holder of the claims constituting the Lucky Irish property, held in trust for Gar Ltd. The current diamond drilling program consisted of 9 diamond drill holes totaling 1,187 meters to better test Pb-Zn-Cu-Ag mineralization observed in the trenching and stripping of magnetic and VLF-EM anomalies. The Lucky Irish Zone was tested along a strike length of 480 meters across its geophysical trend to assess the grade and continuity of mineralization. Drilling occurred from November to December, 2014.

1.1 Property Access and Location

Access to the north of the property is granted by a well-maintained lumber road south of Highway 66 approximately 40 kilometers west of Kirkland Lake, Ontario. Map 1 shows the general location of the property.

1.1.1 Claim Holdings and Property Description

The Lucky Irish property consists of a group of 45 contiguous unpatented mining claims (430 claim units) in Flavelle, Gross, Cairo and Burt Townships wholly owned (100%) by John Rapski. A summary of claim holdings is given below in Table 1. Map 2 summarizes claim holdings by John Rapski in the area constituting the Lucky Irish Property with respect to regional features and land tenure.

Table 1. Summary of claims for the Lucky Irish Property

Claim	Date Recorded	Township	Units
4248817	12/11/2009	BURT (M-0334)	8
4250924	12/11/2009	BURT (M-0334)	16
4250925	12/11/2009	BURT (M-0334)	8
4269633	03/25/2013	BURT (M-0334)	8
4269637	03/25/2013	BURT (M-0334)	8
4269638	03/25/2013	BURT (M-0334)	16
4274000	03/20/2014	BURT (M-0334)	16
4248843	12/07/2009	CAIRO (G-3209)	12
3003775	11/12/2004	FLAVELLE (M-0220)	8
3013922	11/30/2004	FLAVELLE (M-0220)	2
3014000	11/12/2004	FLAVELLE (M-0220)	2
3014002	11/12/2004	FLAVELLE (M-0220)	8
4201345	10/28/2005	FLAVELLE (M-0220)	1
4201346	10/28/2005	FLAVELLE (M-0220)	3
4212000	11/01/2006	FLAVELLE (M-0220)	14
4212010	11/02/2006	FLAVELLE (M-0220)	2
4240326	12/08/2008	FLAVELLE (M-0220)	12
4240327	12/08/2008	FLAVELLE (M-0220)	8
4240328	12/08/2008	FLAVELLE (M-0220)	8
4240331	01/16/2009	FLAVELLE (M-0220)	3
4245856	12/04/2008	FLAVELLE (M-0220)	6
4245857	12/05/2008	FLAVELLE (M-0220)	12
4245858	12/04/2008	FLAVELLE (M-0220)	11
4245859	12/05/2008	FLAVELLE (M-0220)	16

4259345	06/11/2013	FLAVELLE (M-0220)	16
4259381	09/27/2013	FLAVELLE (M-0220)	6
4259427	01/05/2011	FLAVELLE (M-0220)	8
4259428	01/05/2011	FLAVELLE (M-0220)	12
4259429	01/05/2011	FLAVELLE (M-0220)	16
4259430	01/05/2011	FLAVELLE (M-0220)	8
4259449	01/25/2011	FLAVELLE (M-0220)	7
4272902	08/09/2013	FLAVELLE (M-0220)	8
4273000	04/24/2014	FLAVELLE (M-0220)	16
4273002	05/29/2015	FLAVELLE (M-0220)	12
4273006	05/29/2015	FLAVELLE (M-0220)	8
4273047	10/25/2013	FLAVELLE (M-0220)	15
4273048	10/25/2013	FLAVELLE (M-0220)	12
3013881	11/12/2004	GROSS (M-0487)	4
3014001	11/12/2004	GROSS (M-0487)	4
4259351	01/25/2011	GROSS (M-0487)	16
4259450	01/25/2011	GROSS (M-0487)	4
4272903	08/28/2013	GROSS (M-0487)	14
4272993	10/25/2013	GROSS (M-0487)	12
4273007	03/20/2014	GROSS (M-0487)	16
4274001	03/20/2014	GROSS (M-0487)	8
Total			**430**

1.2 Local Geology

The southern area of the property consists of primarily gabbro intrusives, assumed to be synvolcanic with overlying massive mafic volcanic flows with central bands of intermediate volcanics. At the contacts between these volcanic units, turbidite related clastic and chemical metasedimentary units occur. Previous stripping and geophysical anomalies have shown that massive to disseminated sulphide occurrences are associated with chemical metasedimentary rocks related to the iron formation that can include thinly laminated cherty layers. Both the Kirkland-Larder Lake and Cross Lake Fault systems traverse areas of the property, oriented northeast and northwest, respectively (unpublished report, P. Cheriton, 2007). Map 3 summarizes the regional geology that underlies the portion of the claims surrounding the current work area.

1.3 Past and Historic Work

Previous reports written and filed by the property owner have summarized the previous exploration work on the property relating to both gold and base metal exploration. Recent exploration programs have focused on the trenching, stripping, winkie drilling and prospecting on the northern area of the property based on the outcome of a ground magnetic and VLF geophysical survey. This work is summarized in Rapski (2014). This area continued to be the focus of exploration work to better determine the nature and extent of base metal mineralization. The reader is directed to the works cited section for reports that give a more detailed summary of past work on the property.

1.4 Program Goals and Purpose

Airborne geophysics conducted by the Ontario Geological Survey (OGS) identified two broad, linear magnetic trends associated with electromagnetic anomalies. Ground geophysics carried out by the

current claim holder delineated detailed outlines of magnetic structures with associated linear EM anomalies with a strong VLF response. Map 3 shows the outcomes of the ground geophysics VLF anomalies in relation to the geology mapped by the Ontario Geological Survey (Berger, 2004). Stripping, trenching, and limited diamond drilling with a winkie drill by John Rapski showed that the geophysical target underlying the current work program was caused by anomalous Pb-Zn-Cu-Ag concentrations associated with a pyrite-galena-sphalerite-chalcopyrite mineralized chert. The current program looked to better assess the mineralization of this unit at depth through a program of diamond drilling. Map 4 shows the location of the diamond drill holes.

2.0 Current Work Program

The current work program consisted of 9 diamond drill holes totaling 1,187 meters of drilling. Holes were drilled just east of south at inclinations ranging from -45 to -80 to intersect the mineralized chert horizon (Lucky Irish Horizon) dipping approximately 70 degrees to the north. The holes were logged by Seymour Sears (P. Geo). A summary of the drill hole information for the current program is shown below in Table 2.

Table 2. Summary information for the program's drillholes.

Name	E	N	Length (m)	Azimuth	Inclination
MLI-01	543114	5316185	159	165	-45
MLI-02	543342	5316243	123	165	-45
MLI-03	543258	5316221	90	165	-45
MLI-04	543185	5316190	81	165	-45
MLI-05	543430	5316283	129	165	-45
MLI-06	543493	5316309	138	165	-45
MLI-07	543493	5316309	123	165	-72
MLI-08	543032	5316194	99	165	-45
MLI-09	543141	5316244	245	170	-80

The locations of the drill holes with their vertical projections are shown in Map 4. Appendix B contains detailed logs of the holes in the current drill program. Appendix B also contains the results of the Pb-Zn-Cu-Ag-Au assays for the intervals selected for sampling. Appendix C contains cross sections for the holes. Assay certificates, including the results from the 35 element ICP-AES values, are available in Appendix E.

2.1 Program Results

Drilling delineated a relatively consistent chert-argillite layer (Lucky Irish Horizon) extending across the 400 meter length of drill holes MLI-05 to MLI-08 that hosted variable amounts of disseminated to semi-massive to massive pyrite mineralization associated with lesser amounts of galena and sphalerite in variable concentrations. These sulphide horizons constitute the Lucky Irish Zone that is present within the Lucky Irish Horizon. Higher grades of Pb-Zn-Ag mineralized intervals were commonly associated with brecciated, folded, and deformed intervals of cherty units, with some displaying replacement textures.

Chalcopyrite mineralization was more commonly associated with pyrite mineralization in close association with intermediate to mafic dykes occurring near or within the banded iron formation underlying the cherty-argillite unit, with slightly anomalous to elevated Cu concentrations associated with the Pb-Zn-Ag mineralization. The east of the Lucky Irish Zone appears to be truncated by a mafic dyke (diabase), intersected by holes MLI-06 and MLI-07. The units appear to be variably metamorphosed with the banded iron formation and volcaniclastic rocks appearing as schists and some presenting garnet porphyroblasts. Significant intersections from the current drilling program are shown below in Table 3.

Table 3. Significant Pb-Zn-Ag-Cu intersections for the current drill program.

MLI-01	From (m)	To (m)	Width (m)	Ag (g/t)	Pb %	Zn %	Cu %	Combined Pb/Zn/Cu %
Lucky Irish Horizon	39.0	48.2	9.2	1.5	0.93	0.39	0.02	1.34
Including	39.0	40.5	1.5	3.3	1.54	1.29	0.04	2.87
	45.0	46.0	1.0	5.1	4.48	0.13	0.03	4.64
MLI-02	**From (m)**	**To (m)**	**Width (m)**	**Ag (g/t)**	**Pb %**	**Zn %**	**Cu %**	**Combined Pb/Zn/Cu %**
Lucky Irish Horizon	39.5	49.7	10.2	4.7	2.56	1.08	0.08	3.72
Includes Upper Zone	40.3	41.2	0.9	8.9	3.41	6.76	0.04	10.21
Includes Lower Zone	45.0	49.7	4.7	6.5	4.31	0.78	0.07	5.16
Includes	47.0	48.5	1.5	8.2	5.75	2.27	0.12	8.14
Footwall Copper Zone	69.2	77.1	7.9	4.3	0.10	0.01	0.42	0.53
Includes	72.8	74.7	1.9	9.4	0.01	0.01	1.07	1.09
MLI-03	**From (m)**	**To (m)**	**Width (m)**	**Ag (g/t)**	**Pb %**	**Zn %**	**Cu %**	**Combined Pb/Zn/Cu %**
Lucky Irish Horizon	24.8	34.0	9.2	0.8	0.24	0.06	0.01	0.31
Including	24.8	25.3	0.5	2.5	0.78	0.71	0.02	1.51
Also including	30.6	31.9	1.3	1.5	0.01	0.91	0.03	0.95
MLI-04	**From (m)**	**To (m)**	**Width (m)**	**Ag (g/t)**	**Pb %**	**Zn %**	**Cu %**	**Combined Pb/Zn/Cu %**
Lucky Irish Horizon	13.1	18.5	5.4	0.03	0.18	0.10	0.01	0.29
Including	17.8	18.5	0.7	0.7	0.77	0.04	0.01	0.82
MLI-05	**From (m)**	**To (m)**	**Width (m)**	**Ag (g/t)**	**Pb %**	**Zn %**	**Cu %**	**Combined Pb/Zn/Cu %**
Lucky Irish Horizon	67.0	71.3	4.3	2.5	0.58	0.21	0.29	1.08
Including	67.6	68.5	1.0	4.8	2.11	0.90	0.38	3.39
Including	67.6	68.0	0.4	8.3	2.95	1.66	0.62	5.23
MLI-08	**From (m)**	**To (m)**	**Width (m)**	**Ag (g/t)**	**Pb %**	**Zn %**	**Cu %**	**Combined Pb/Zn/Cu %**

Lucky Irish Horizon	75.3	82.6	7.3	1.6	0.74	0.60	0.10	1.44
Including	75.3	76.9	1.6	2.6	0.94	2.17	0.12	3.23
and	82.0	82.6	0.6	1.8	2.71	0.66	0.02	3.39

The drilling appears to determine a consistent stratigraphy in which the Lucky-Irish Horizon is underlain by a banded iron formation (BIF), which itself is underlain by intermediate to felsic volcaniclastics. The Luck Irish unit in holse MLI-02, MLI-03, MLI-05, and MLI-08 appear to be overlain by a sequence of mafic volcanics, followed by a narrow, altered talc-serpentine ultramafic sequence with variable quartz-carbonate inclusions.

2.2 Summary of Drillholes

Below is a brief summary of the drillholes and how they relate to mineralization in an unpublished note by Seymour Sears (2015):

HOLE MLI-01

Hole MLI-01 was collared immediately behind the main stripped area and drilled at an angle of -45^{o} at a bearing of 165$^{o.}$ Total depth was 159 m. The Lucky Irish Horizon was intersected from bedrock at 13.5m to 55.9m but the mineralized zone (39.0 to 48.2m) mineralization was less encouraging than at surface. The best assays

HOLE MLI-02

Hole MLI-02 was collared 250 m northeast of MLI-01 and immediately behind a smaller stripped area referred to as the discovery showing. An earlier hole (F-10) was drilled beneath this exposure but from the southeast. MLI-02 was drilled at an angle of -45^{o} at a bearing of 165^{o} to a depth was 123 m. The Lucky Irish Horizon was intersected from 19.9m to 50.4m. This was the best hole of the program. The mineralized zone (39.5 to 49.7m) was similar in thickness and appearance to surface mineralization and that intersected in previous hole F-10. The best assays from this hole are shown in the following table.

HOLE MLI-03

Hole MLI-03 was collared approximately 80 m southwest of MLI-02 and drilled at an angle of -45^{o} at a bearing of 165^{o}. Total depth was 90 m. The Lucky Irish Horizon was intersected from bedrock at 20.7 m to 58.9 m but the mineralized zone (24.8 m to 34.0 m) was not as strong as anticipated. The best assays from this hole are shown in the following table.

HOLE MLI-04

Hole MLI-04 was collared approximately mid-way between MLI-01 and MLI-03. It was drilled at an angle of -45^{o} at a bearing of 165^{o} for a total depth of 81m. The

Lucky Irish Horizon was intersected from bedrock at 8.0 m to 36.8 m. The mineralized zone (13.1 m to 18.5 m) was weakly mineralized. The best assays from this hole are shown in the following table.

HOLE MLI-05

Hole MLI-05 was collared approximately 80 m northeast of Hole MLI-02. It was drilled at an angle of -45^{o} at a bearing of 165$^{o.}$ Total depth was 129 m. The hole collared in the overlying mafic volcanic rocks and encountered a strong fault zone at the contact with the underlying Lucky Irish Horizon. As a result of this fault or due to structural pinching, the Lucky Irish Horizon was very narrow, being intersected from 67.0 m to 71.9 m. The zone was relatively well mineralized. The best assays from this hole are shown in the following table.

HOLE MLI-08

Hole MLI-08 was collared approximately 90 m southwest of MLO-01 and drilled at an angle of -45^{o} at a bearing of 165^{o} to a total depth of 99 m. The Lucky Irish Horizon was intersected from 57.5 m to 96.3 m. The Lucky Irish mineralized zone was intersected from 75.3 m to 82.6 m. The zone appeared from logging to be better mineralized than the assays indicate. One of the more interesting sections of this hole was a massive to semi-massive pyrite zone (70% Py overall) that overlies the mineralized zone, intersected from 66.6 m to 75.3 m. This pyrite zone includes nearly 5 m of massive pyrite. The unfortunate aspect is that this pyrite rich zone contained only weakly elevated base metal values.

Holes MLI-06 and MLI-07

Holes MLI-06 and MLI-07 were located on the same drill pad, approximately 70 m northeast of Hole MLI-05. Both were oriented at a bearing of 165^{o}. MLI-06 was inclined at -45^{o} with a final depth of 138 m. It encountered a mafic dyke and continued in this dyke to a point beyond the anticipated Lucky Irish Horizon. MLI-07 was drilled to 123 m with an inclination of -72^{o} and also intersected mafic volcanic and dyke rocks to a point beyond the anticipated location of the Lucky Irish Horizon.

Hole MLI-09

Hole MLI-09 was collared between and behind Holes MLI-01 & MLI-04 and drilled at a bearing of 170^{o} with an inclination of -80^{o} to a final depth of 245 m. This hole was intended to intersect the Lucky Irish Horizon at a point down plunge from its surface exposure and approximately 50 m below the intersections in Holes MLI-01 & MLI-04. This hole intersected a weakly mineralized section of the Lucky Irish Zone after passing through a graphitic shear zone at its upper contact. Within the Lucky Irish Zone was a 0.5 m calcite dyke with patches of galena and minor sphalerite.

2.2 Sampling Method

Intervals deemed prospective for base metal, silver, and gold mineralization were selected and split in half with a core saw. Samples were tagged and bagged prior to being sent to ALS Minerals in Sudbury, Ontario for analysis by 35-element Aqua Regia Digest with ICP-AES finish and fire assay for Au. Samples in excess of 10,000 ppm for Pb, 10,000 ppm for Zn, 10,000 ppm for Cu, and 100 g/t for silver were reanalyzed with an ore grade Aqua Regia digest analysis in the ALS Vancouver, British Columbia laboratory. Blanks and standards were inserted as part of an industry standard QA/QC program.

2.3 QA/QC Review

A blank or standard were inserted into the sample stream every 10 samples. Four different Pb-Zn-Ag standards were used, and information about them is shown below in Table 4. QA/QC data did not reveal any significant problems with the lab performance. Figure 1 shows a review of the blanks for the assays Figure 2 below shows the results for standards for the current diamond drilling program.

Table 4. Expected values for standards by aqua regia digest.

Standard	Pb (ppm) Expected	Zn (ppm) Expected	Cu (ppm) Expected	Ag (ppm) Expected
OREAS-131a	17100	27900	329	29.5
OREAS-132a	36000	48600	478	55.6
OREAS-133a	48600	106000	324	97
OREAS-134a	126400	170000	1279	194

A review of the QAQC data suggests that there is a small issue with contamination of blanks within the lab, as they appear to be commonly one order of magnitude above the blank values, with the exception of silver assays. Analysis of the standard assays indicate that there is a slightly positive bias in ore grade silver assays, and that the results appear to report higher than the 95 % confidence interval. Pb, Zn and Cu show good precision relative to the 95 % confidence interval, although Pb values appear to show a minor negative bias. However, overall it appears that the QAQC results do not suggest any major errors with the labs reported assay values for the current program.

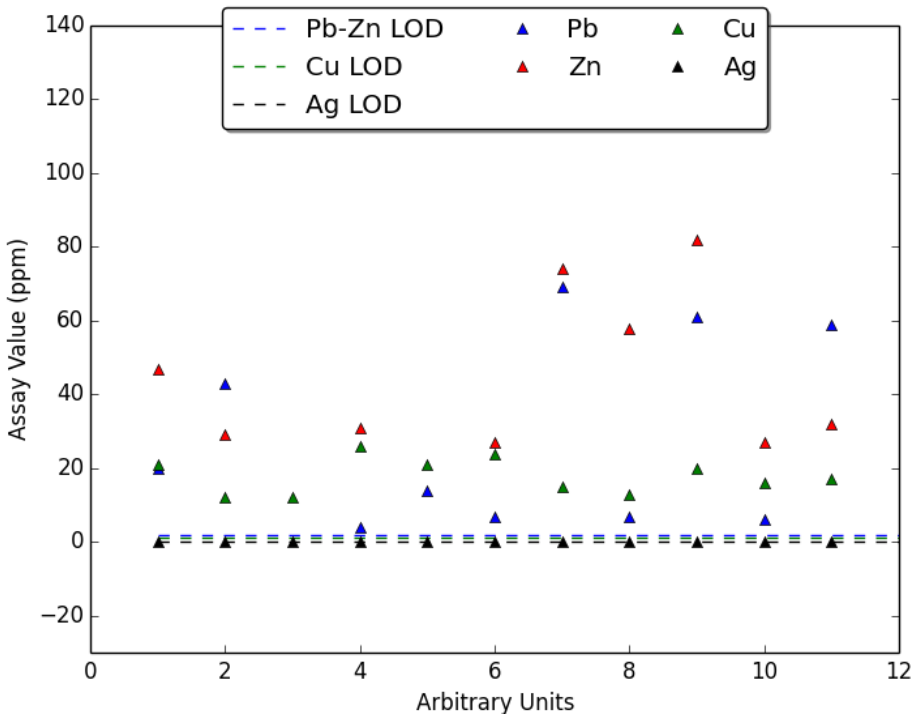


Figure 1. Results from blanks from the current QA/QC program.

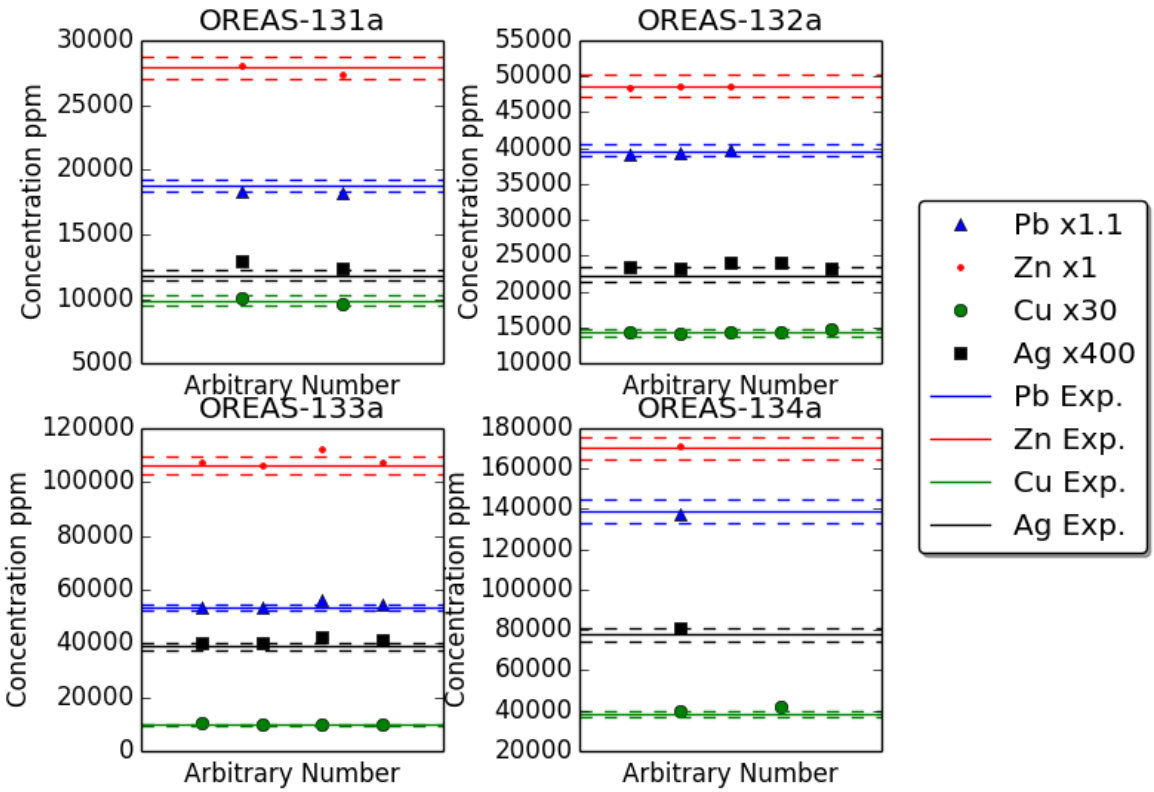


Figure 2. Analytical results of standards for the current QAQC program. Dashed lines represent the 95% confidence interval for analysis with aqua regia digest.

3.0 Conclusions and the Recommendations

The current diamond drilling program was successful in delineating some elevated intervals of Pb-Zn-Ag mineralization within the Luck Irish Zone, which appears to suggest that this style of mineralization is associated with magnetic highs and VLF-EM geophysical anomalies. Cu mineralization appears to be associated with intrusive dykes in close proximity to the BIF, with lesser grades of mineralization in the Lucky Irish Zone. Intersections in the current drilling program suggest that this favourable horizon has a strike length of approximately 400 meters, before being terminated to the east by a mafic dyke. Geophysical signatures suggest that there is a possibility of a limited extension to the west of the current drill program.

The higher grade Pb-Zn-Ag mineralization around brecciated, folded, and deformed sections within the Lucky Irish Horizon suggest that additional diamond drilling is warranted to determine if more continuous structures of elevated base metal concentrations exist within the Lucky Irish Horizon. Additionally, geophysical anomalies suggest an extension of the Lucky Irish Zone to the east of the mafic dyke intersected by MLI-06 and MLI-07. Therefore, a combination of geochemical sampling, stripping, and trenching is recommended by the author to determine if this area has mineralization similar to that observed in the Lucky Irish Zone, followed by additional diamond drilling if warranted by the prospecting results.

4.0 Works Cited

Berger, B.R. 2006. "Geological Synthesis along Highway 66 from Matachewan to Swastika: Ontario Geological Survey of Ontario, Open File Report 6177, 125p.

Ontario Geological Survey. 2000. " Airborne Magnetic and Electromagnetic Surveys; Residual Magneic Field and Electromagnetic Anomalies: Map 82 050".

Rapski, J. 2011. "Report of Geophysical Surveys on the Lucky Irish Property; Flavelle Township; Larder Lake Mining Division. Kirkland Lake (KL) Assessment file 6611.

Rapski, J. 2014. “Stripping and Diamond Drilling of the Geophysical Anomalies on the Lucky Irish Property; Flavelle Township; Larder Lake Mining Division”. Kirkland Lake (KL) Assessment file *.

Appendix A: Author Qualifications

This is to certify that:

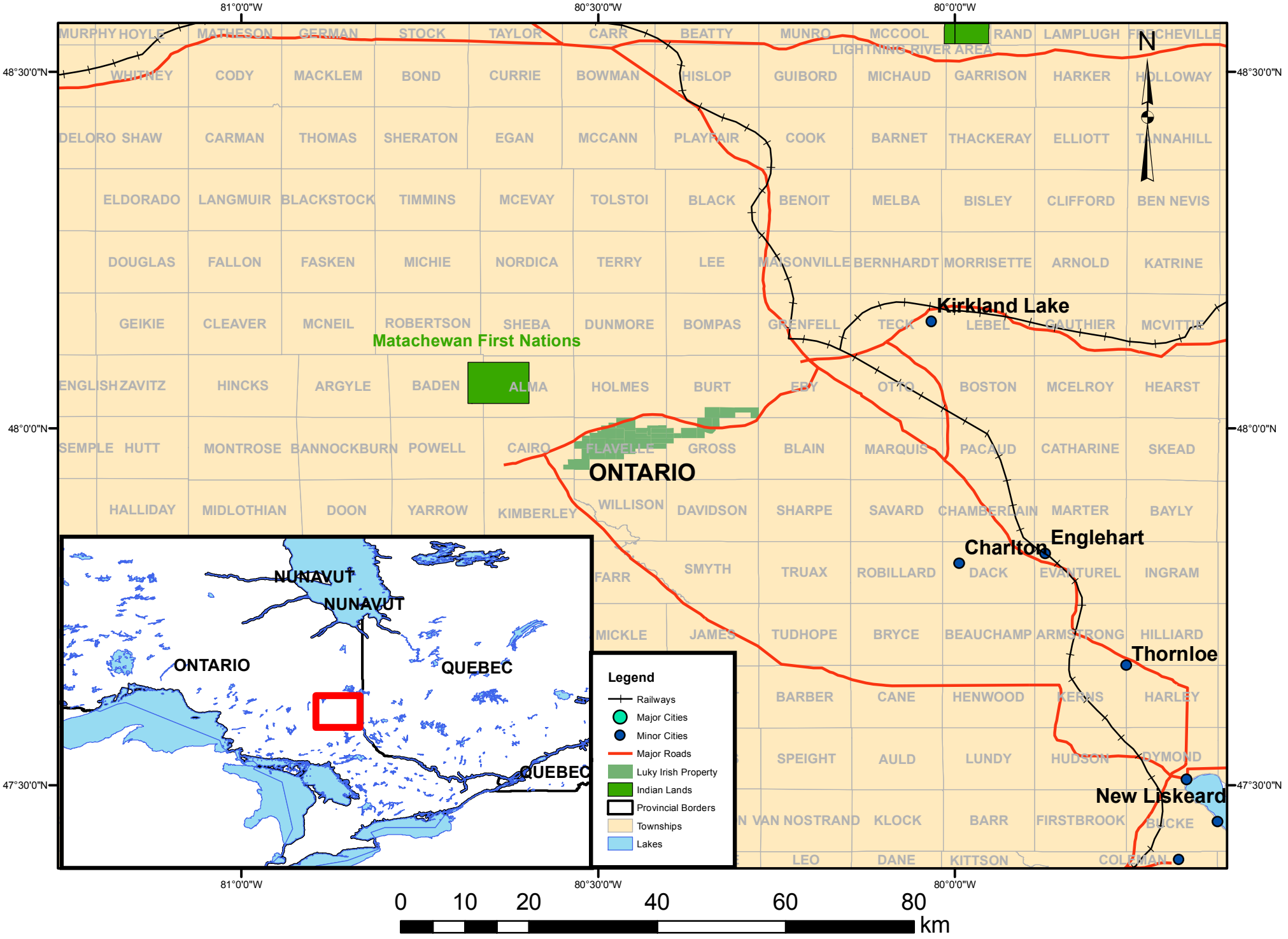
1. I am a licensed prospector with the Ontario Ministry of Northern Development and Mines
2. I am a director of the Northern Prospectors Association
3. I reside and hold office at 288 Kenogami Lane, Kenogami, Ontario

Signed September 6, 2015:

_____

John Rapski

Map 1: Property Location Map



Map 2: Claim Holdings Map

Legend

- Roads
- Rivers
- Lakes
- Regional Claims
- Regional Patents
- Lucky Irish Claims

N

0 1.25 2.5 5 7.5 10 km

1:75,000

UTM NAD83 Z17N

Map 3: Property Geology and Sampling Area

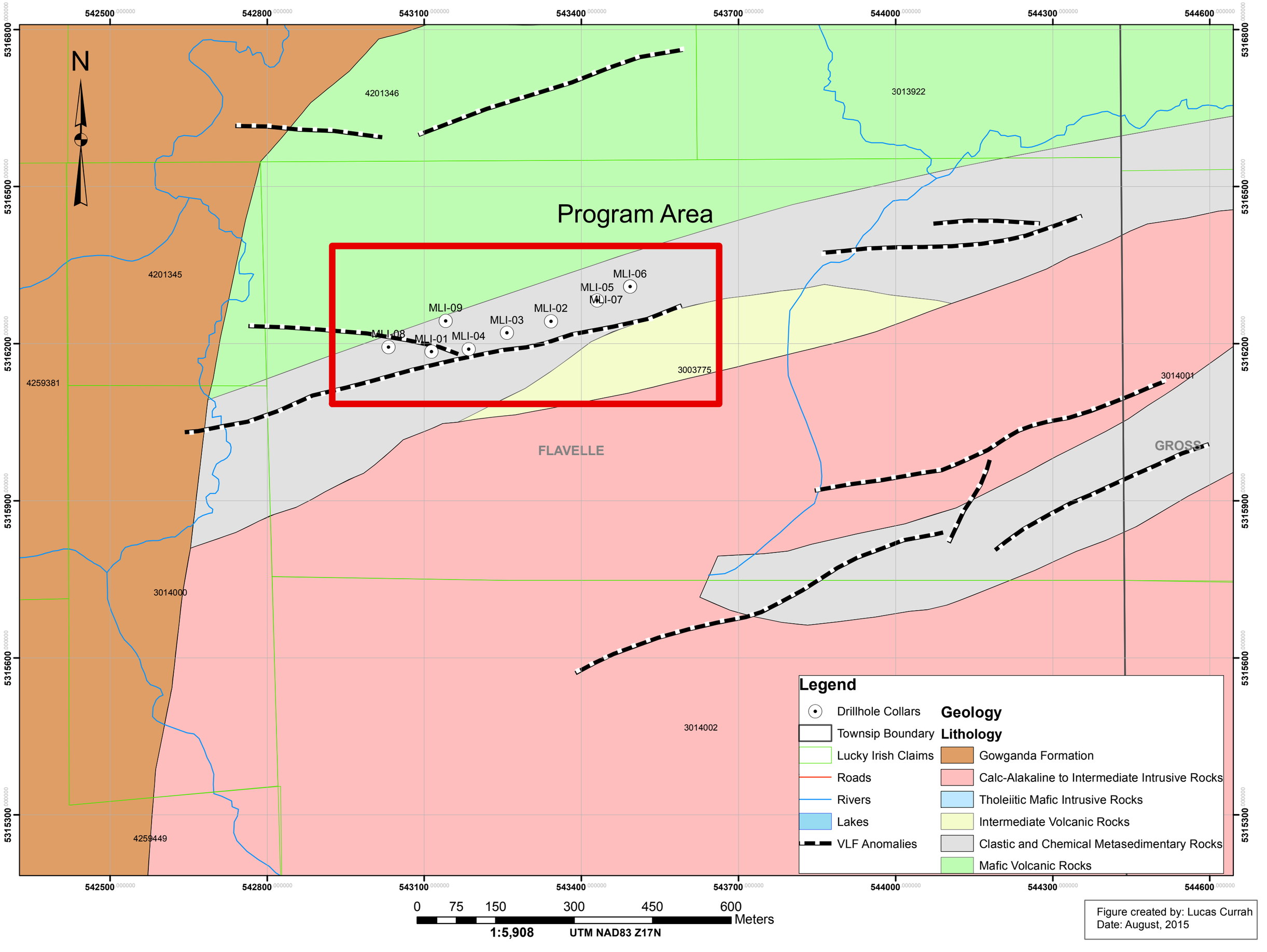
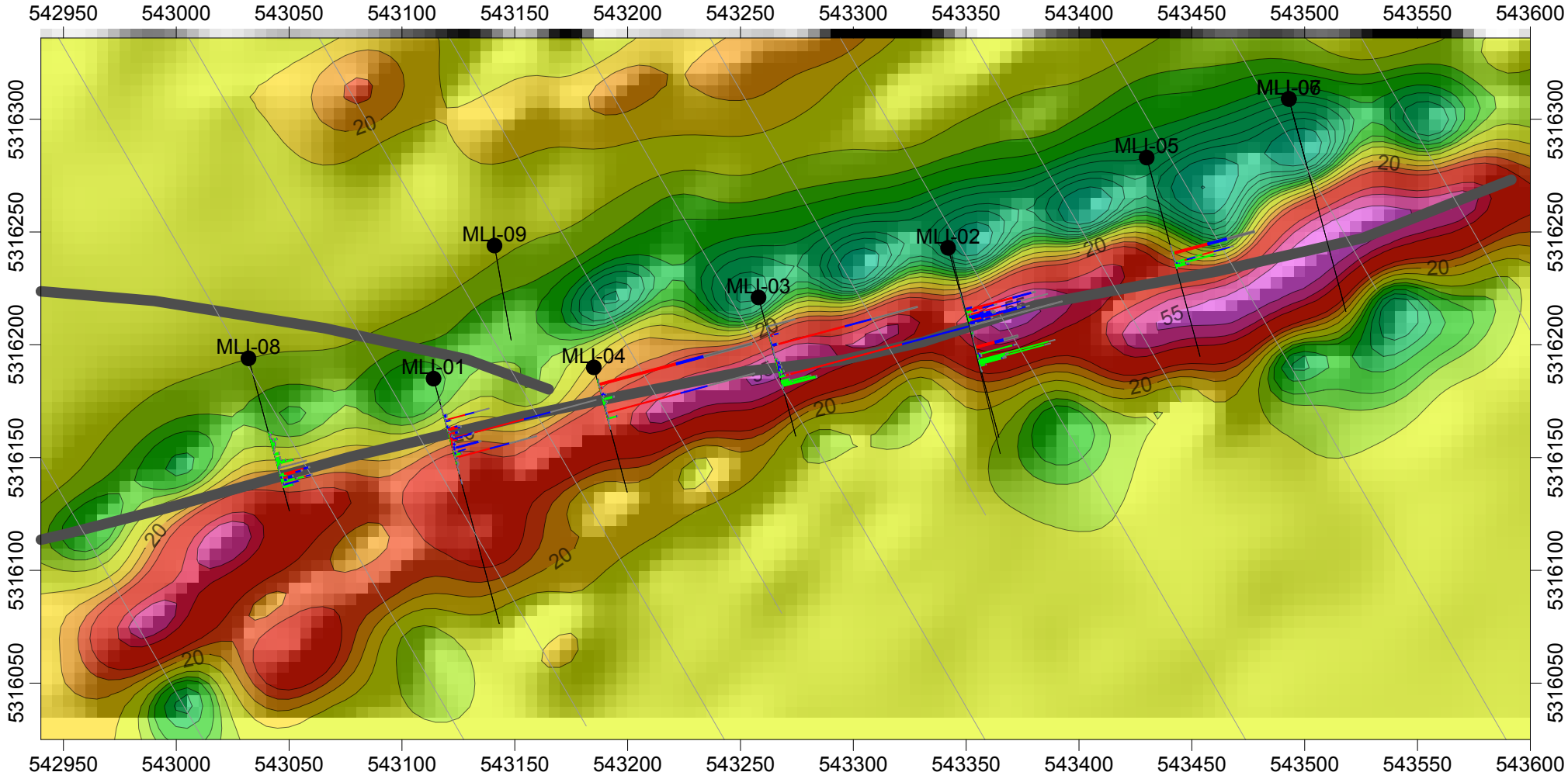


Figure created by: Lucas Currah
Date: August, 2015

Map 4: Drillhole Plan Projections



Lucky Irish Project
Luck Irish Zone

First Derivative Magnetic Field and
DDH Mineralization

0m 50m 100m 150m 200m

Scale: 1:2,500
Datum: NAD83 Z17N
Claim: 3003775

Legend

Grid Line

VLF-EM Anomaly

Cu: 1cm : 0.15 %
Zn: 1cm: 1.00 %
Pb: 1cm: 1.25 %
Ag: 1cm: 15 g/t

1st Derivative of Magnetic Field

-35 -32 -30 -25 -20 -15 -10 -7 -5 -2 0 2 5 7 10 15 20 25 30 45 50 55 60

Map 5: Interpreted Geology and Mineralization

Legend

Rock Type
- Banded Iron Formation
- Chert
- Dyke
- Fault
- Mafic Volcanic
- Overburden
- Volcaniclastics/ Sediments

Mineralization
- Massive/disseminated Sulphides
- Ag Assays
- Cu Assays
- Pb Assays
- Zn Assays
- VLF Anomalies

- Drillhole Collars
- Faults

Local Geology

Interpreted Rock Type
- Mafic Volcanics
- Chert +/- Sediments
- Banded Iron Formation
- Felsic Volcaniclastics/Sediments
- Sulphide Mineralization
- Diabase Dyke

N

MLI-06
MLI-07
MLI-05
MLI-09
MLI-02
MLI-03
MLI-08
3003775
MLI-04
MLI-01
FLAVELLE

543000.000000 543100.000000 543200.000000 543300.000000 543400.000000 543500.000000

5316300.000000 5316200.000000 5316100.000000 5316000.000000

0 15 30 60 90 120 Meters

1:1,500 UTM NAD83 Z17N

Appendix B: Drillhole Logs

Please see attached pages.

GAR LTD.

Property Name:	Lucky Irish	Bearing:	165	Drilled By:	ORBIT-GARANT
Claim #:	3003775	Inclination:	-45	Reflex Test:	
DDH #:	MLI-01	Total Length (m):	159	(@ XXX m)	
UTM Easting:	543114 (NAD 83, Zone 17 T)	Core Size:	NQ	Start:	Nov. 13, 2014
UTM Northing:	5316185 (NAD 83, Zone 17 T)	Logged By:		Finish:	Nov. 16, 2014
Elevation (m):	316	Core Stored At:		Page:	1 of 5

Notes: DDH Planned to Intersect; XX boxes of core; Amph - amphibole, Bt - biotite, Cc - calcite, Chl - chlorite, Cpy - chalcopyrite, Ep - epidote, Fsp - feldspar, Gn - galena, Gt - garnet, Gr - graphite, Hem - hematite, Kspar - potassium feldspar, Mv - Muscovite; Mt - magnetite, Plag - plagioclase, Py - pyrite, Qtz - quartz, Ser - sericite, Sph - sphalerite; Talc - Tc; UM - ultramafic, MV - Mafic metavolcanic, Gt-MV - Gt-bearing mafic metavolcanic, IV - intermediate metavolcanic, FV - felsic metavolcanic, MD - mafic dyke, ID - intermediate dyke, FD - felsic dyke, IF - iron formation

Main Unit		Sub-Unit		*Lithology*	*Description*	*Alteration Mineralogy*						*Ore Mineralogy*				*Other Min.*			*Assay Results*								
From (m)	To (m)	*From (m)*	*To (m)*			*Cc*	*Chl*	*Ep*	*Qtz*	*Fsp*	*Tc*	*Cpy*	*Gn*	*Py*	*Sph*	*Gr*	*Gt*	*Mt*	*Sample #*	*From (m)*	*To (m)*	*Width (m)*	*Cu (ppm)*	*Pb (ppm)*	*Zn (ppm)*	*Ag (ppm)*	*Au (ppm)*
0.00	13.50			Overburden																							
13.50	14.50			Mineralized Chert	First piece of core, isolated, 10 cm long, medium green fine-grained Mafic Volcanics, may be out of sequence - part of overburden; rest of interval is banded - alternating mm- to 3-4 cm wide bands of pale to dark grey chert and semi-massive, massive Py; Py is fine- to medium-grained, fractured/cataclastic; banding @ 50-90 DTCA, mostly @ 50 DTCA; all non-Mag; LC - broken core, possibly @ 10 DTCA									50						22501	13.6	14.5	0.9	117	70	174	0.4	0.023
14.50	17.40			Syenite Dyke	Mottled pale grey (phenos)- medium grey (very fine-grained groundmass), upper half of interval is mottled orange (hematitized phenos) - medium grey (groundmass); 50% 2-1.2 mm - sized Fsp phenocrysts; scattered Cc/Qtz stringers, veinlets; zones of pervasive Cc carbonatization, especially of phenos; 2% diss Py essentially in groundmass; non-Mag; LC - sharp, irregular, @ 10 DTCA	5			5					2														
17.40	19.00			Massive Py - Chert	Massive dark grey to black Chert, in part very dark brown micaceous Argillite, non-Mag; massive to semi-massive Py, fine-grained, locally medium-grained and fractured/cataclastic, local wispy mm-wide layering of Chert/Argillite-Py-Py fractures @ 10 DTCA; scattered Cc/Qtz stringers, veinlets; LC - sharp @ 15 DTCA, at least 2 cm offset of contact along slip plane	1			1					65						22502 22503	17.3 18.2	18.2 19.1	0.9 0.9	51 83	79 91	67 98	0.6 0.3	0.043 0.019
19.00	23.15			Mineralized Argillite - Qtz Stockwork	Argillite: very dark brown, fine-grained, micaceous - well foliated; foliation/laminations generally @ 0 DTCA, locally curve up to 30-45 DTCA; <mm - mm wide foliation parallel Qtz stringers, veinlets, also cross-cutting Qtz stringers, veinlets, up to 1 cm wide veins, also cm-scale zones of Qtz flooding; local chaotic mm-cm - scale folding; mm - scale offsets of foliation/laminations along slip planes; some Gr-coated fractures; cm - scale zones of semi-massive - massive Py, also Py aggregates, veinlets, veins generally parallel to foliation; cm - scale Chert intercalations, possibly present due to cm-dm - scale open folding; LC - sharp, very irregular, marked by mm - scale folding and offsets along slip planes				15					20		1				22504 22505 22506 22507 22508	19.1 20.3 20.7 21.9 22.3	20.3 20.7 21.9 22.3 23.2	1.2 0.4 1.2 0.4 0.9	53 54 31 19 20	82 138 143 149 112	224 226 93 62 88	<0.2 0.3 0.2 <0.2 0.4	0.011 0.013 0.014 0.009 0.011

Main Unit		Sub-Unit		Lithology	Description	Alteration Mineralogy						Ore Mineralogy				Other Min.			Assay Results								
From (m)	To (m)	*From (m)*	*To (m)*			*Cc*	*Chl*	*Ep*	*Qtz*	*Fsp*	*Tc*	*Cpy*	*Gn*	*Py*	*Sph*	*Gr*	*Gt*	*Mt*	*Sample #*	*From (m)*	*To (m)*	*Width (m)*	*Cu (ppm)*	*Pb (ppm)*	*Zn (ppm)*	*Ag (ppm)*	*Au (ppm)*
23.15	30.80			Massive Chert - Minor Py-Gn	Dark grey Chert, locally pale grey due to cm - scale Qtz flooding; predominant fracturing - mm-cm - scale colour banding @ 30 DTCA; scattered fracture parallel and cross-cutting Py stringers, veinlets; scarce Gn along fractures in (23.4 - 25.5 m); Qtz vein with abundant Gn @ 26.95 m @ 75 DTCA; scattered Gr-coated fractures; several fracture parallel and cross-cutting Qtz stringers, veinlets, up to 2.5 cm wide veins; non-Mag; LC - gradational Sample 22514: STANDARD OREAS 131a: -- ppm Au, 32.4 ppm Ag, 336 ppm Cu, 1.665% Pb, 2.8% Zn				10				1	5		+			22509 22510 22511 22512 22513 22515 22516 22517 22518 22519	23.2 23.7 24.6 25.5 26.8 27.3 27.8 28.3 29.0 29.8	23.7 24.6 25.5 26.8 27.3 27.8 28.3 29.0 29.8 30.7	0.5 0.9 0.9 1.3 0.5 0.5 0.5 0.7 0.8 0.9	21 132 161 40 129 29 150 22 28 40	745 4630 3820 286 2410 375 8380 107 195 673	118 291 206 155 424 157 324 211 92 243	0.2 0.4 0.4 <0.2 0.6 0.5 1.0 <0.2 <0.2 0.3	0.006 <0.005 <0.005 <0.005 0.010 0.011 <0.005 <0.005 <0.005 <0.005
30.80	31.35			Py-Gn Mineralized Zone	Semi-massive Py in Chert; mm-cm - scale irregular layering @ 40 DTCA; some Gn as fracture fill; some Gr-coated fractures; LC - in broken core								2	50		+			22520	30.7	31.4	0.7	88	2640	148	0.8	0.007
31.35	32.35			Py-Gn Mineralized Chert-Chert Breccia	Pale to dark grey Chert; brecciated with Chl matrix; scattered irregular Py stringers, veinlets, aggregates, semi-massive cm - sized masses; some scattered Gn; Gr-coated fractures; LC - gradational		10						1	10		+			22521 22522	31.4 31.9	31.9 32.3	0.5 0.4	48 51	3330 5630	81 211	0.7 0.8	<0.005 <0.005
32.35	34.00			Py-Sph-Gn Mineralized Breccia	Mm-cm - sized pale to medium grey angular-subangular Chert fragments in a Py>>Sph>Gn and Chl matrix; abundant fracturing, some @ 0 DTCA; semi-massive Py with some Sph in (32.8-32.95 m); LC - in broken core, probably gradational although there is a Gr veinlet @ 50 DTCA @ 34.0 m Sample 22525: BLANK: <0.005 ppm Au, <0.2 ppm Ag, 21 ppm Cu, 20 ppm Pb, 47 ppm Zn		10						1	20	5	1			22523 22524	32.3 33.0	33.0 34.0	0.7 1.0	327 109	5350 3910	9250 15000	3.2 2.4	<0.005 <0.005
34.00	36.80			Py +/- Sph +/- Gn - bearing Chert	Colour banding, mm-cm - scale, pale grey to very dark grey, in part deformational - in part sedimentary, highly fractured, banding-fractures generally @ 50-60 DTCA; internal offsets along slip planes; Py stringers - veinlets generally parallel to fractures - banding, at least 2.5 cm wide massive Py vein @ 34.05 m (single piece of broken core); Sph, much lesser Gn, in (34.7-35.5 m) along hairline fractures; Sph, much lesser Gn, in (35.95-36.8 m) as hairline fracture fill, UC of Sph-Gn zone marked by an up to 4 mm wide Py-Qtz veinlet @ 70 DTCA; (35.65-35.95 m) consists of Chert breccia with massive Chl-Py matrix; scattered generally barren Qtz stringers, veinlets; all non-Mag; LC - chaotic over 20 cm (36.6-36.8 m), cm - scale circular/elliptical Chert structures with Chl - Py rims, semi-massive Py aggregates, fracture @ 5 DTCA separating Sph-bearing Chert from Py-Chl-bearing Chert				2				1	5	3				22526 22527 22528 22529	34.0 34.7 35.5 35.9	34.7 35.5 35.9 36.8	0.7 0.8 0.4 0.9	87 37 22 258	378 713 400 4920	503 1985 398 8370	0.3 0.3 0.3 1.1	<0.005 <0.005 <0.005 0.005
36.80	38.25			Semi-massive - Massive Py in Chert	Semi-massive mm-cm - scale veins, aggregates of Py in upper 1 m of interval, mixed with mostly dark grey Chert, some dark brown Argillite, probable nose of an open fold in (37.1-37.6 m), Sph in (37.1-37.35 m) as very fine network of fracture coatings; lower part of interval consists essentially of massive Py, fine-medium-grained, cataclastic, some remnant Chert; all non-Mag; LC - sharp, slightly irregular, @ 40 DTCA									70	2				22530 22531	36.8 37.6	37.6 38.3	0.8 0.7	182 330	1160 1180	2260 286	0.9 1.8	0.021 0.039
38.25	54.90			Variably Mineralized Chert, Chert Breccia	Mixed white, pale grey to dark grey, very dark grey, locally greenish; Qtz stringers, veinlets, throughout																						

Main Unit		Sub-Unit		Lithology	Description	Alteration Mineralogy						Ore Mineralogy				Other Min.			Assay Results								
From (m)	To (m)	From (m)	To (m)			Cc	Chl	Ep	Qtz	Fsp	Tc	Cpy	Gn	Py	Sph	Gr	Gt	Mt	Sample #	From (m)	To (m)	Width (m)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Au (ppm)
		38.25	38.62	Py-Sph	2 cm wide layer of very fine network-like (fractures) Sph-Py @ 90 DTCA @ 38.35 m, other network-like Sph; Sph in Qtz (Py/Chl/Cc) veinlets; diss Sph; irregular <1.5 cm wide Py veins	2	5		10					5	5				22532	38.3	39.0	0.7	54	2370	3740	1.5	<0.005
		38.62	39.12	Folded Chert	Cm - scale open folds; layering @ 50 to 0 DTCA; Chloritized; diss Py, Gn, Sph; pervasive Cc carbonatization; locally Magnetic, diss Mt	10	5		10				1	10	1			2									
		39.20	39.30	Mineralized Zone	Py>>>Sph>Gn; irregular fracture fill, veining, also diss				20				1	25	5												
		39.40	39.41	Sph Vein	4 mm wide semi-massive Sph veinlet with Qtz @ 45 DTCA; trace Py, Gn Sample 22534: STANDARD OREAS 133a: -- ppm Au, 100 ppm Ag, 355 ppm Cu, 48600 ppm Pb, 107000 ppm Zn				33				1	1	65				22533	39.0	39.5	0.5	821	8740	21300	2.9	<0.005
		39.45	41.95	Mineralized Fractured - Brecciated Chert	Moderately to highly fractured Chert; local breccia with Chl-Py matrix; diss Py, Sph, Gn or in stringers, veinlets; (39.65-39.75 m) - <1.5 cm wide Qtz-Gn-Sph vein @ 30 DTCA; (40.0-40.45 m) - Py stringers, veinlets, irregular bands, 10 cm long interval of semi-massive Py with minor Sph, Gn, also very fine diss Sph and network-like fracture coatings; (40.55-41.15 m) - several fracture controlled mm-cm - wide Sph-rich layers, minor Py, Gn, fractures @ 30-50 DTCA; (40.7-40.8 m) - semi-massive Py in Argillite, some Sph; (41.15-41.95 m) - red-tinged Chert, extremely fine diss Sph, also very fine diss Py, some Qtz veinlets with Sph; scattered Qtz stringers, veinlets; LC - sharp, very irregular		10		10				2	10	5				22535 22536 22537 22538	39.5 40.0 40.5 41.0	40.0 40.5 41.0 42.2	0.5 0.5 0.5 1.2	132 324 154 104	33900 3530 1690 362	4140 13400 8990 2660	3.9 3.1 1.5 0.4	<0.005 0.005 0.006 <0.005
		41.95	42.40	Mt-rich Breccia	Dark greenish grey fine-grained Mt-rich, Chl-rich, matrix; cm-dm - sized rounded Chert clasts; irregular Py/Cc stringers, veinlets; LC - sharp, very irregular, brecciated, in part @ 0 DTCA	5	++							10				+++									
		42.40	42.60	Sph-rich Zone	Highly fractured Chert; very fine Sph-Py disseminations, fracture coatings; Qtz veinlets; pervasive Cc carbonatization	5	5		10					5	10				22539	42.2	42.7	0.5	53	333	5180	0.5	<0.005
		42.60	45.90	Gn Mineralized Fractured - Brecciated Chert	Pale to dark grey, locally pale green; local mm - <1 cm wide colour banding @ 55 DTCA; highly fractured - early fractures generally @ 25-30 DTCA and @ 60 DTCA, later set of Qtz hairline fractures, veinlets @ 0, 130-140 and 35 DTCA; Gn, lesser Sph-Py, associated with the later Qtz stringers, veinlets; dm - scale breccia zones with mm-cm - sized subangular to subrounded Chert fragments floating in a pale green Ser-Cc matrix, essentially barren; (45.55-45.8 m) - Py-rich (nearly semi-massive) with Chert, some Argillite; Gn fairly well distributed throughout interval (excluding green breccia), Sph-Py unevenly distributed; all non-Mag Sample 22544: BLANK: <0.005 ppm Au, <0.2 ppm Ag, 12 ppm Cu, 43 ppm Pb, 29 ppm Zn	2	2		10				5	2	1				22540 22541 22542 22543	42.7 43.5 44.2 45.0	43.5 44.2 45.0 46.0	0.8 0.7 0.8 1.0	20 41 63 259	5090 611 3730 44800	2680 1515 1200 1260	0.6 0.2 0.5 5.1	<0.005 <0.005 <0.005 <0.005
		45.90	46.70	Qtz Flooding Zone	Mottled off-white - pale grey; moderately fractured, irregular fractures; Py/Chl/Gn, rarely Sph, fracture - open space filling; (46.17-46.42 m) - 20% Py fracture - open space filling; non-Mag; UC - gradational, LC - gradational against underlying 12 cm long interval of Chert breccia with Gr-rich matrix		5		+++				5	10	2				22545	46.0	46.7	0.7	63	3720	979	0.5	<0.005
		46.70	47.80	Gr Chert	Pale to dark grey; highly fractured, fractures generally @ 60 DTCA; mm-wide Gr, with/without Py, coated fractures, veinlets; some <1 cm wide semi-massive Py veins; (47.15-47.4 m) - very dark brown Argillite intercalation @ 70 DTCA; (47.4-47.9 m) - Py-rich interval, irregular semi-massive Py layers with mm-wide Chert/Argillite intercalations, layering @ 50-65 DTCA									30		++			22546 22547	46.7 47.4	47.4 47.8	0.7 0.4	123 91	479 350	158 907	0.3 0.4	<0.005 <0.005

Main Unit		Sub-Unit		Lithology	Description	Alteration Mineralogy						Ore Mineralogy				Other Min.			Assay Results								
From (m)	To (m)	*From (m)*	*To (m)*			*Cc*	*Chl*	*Ep*	*Qtz*	*Fsp*	*Tc*	*Cpy*	*Gn*	*Py*	*Sph*	*Gr*	*Gt*	*Mt*	*Sample #*	*From (m)*	*To (m)*	*Width (m)*	*Cu (ppm)*	*Pb (ppm)*	*Zn (ppm)*	*Ag (ppm)*	*Au (ppm)*
		47.80	*48.10*	Py-Gn Shear - Vein Zone	<1 mm - <1 cm wide laminations, veins, remnant Chert and Argillite, Schist; Py-Gn - rich Qtz veins over 5 cm width; some Gr-coated fractures in lower part of interval; laminations @ 45 DTCA; abundant unidentified pale yellow mineral; 5 cm wide Magnetic interval; UC in broken core, LC - gradational		5		10				5	25		+			22548	47.8	48.2	0.4	1005	14350	193	1.4	<0.005
		48.10	*49.30*	Gr-bearing Chert	Pale to dark grey; highly fractured, mostly irregular fractures - stylolitic/wormy, Gr-coated; minor Py also as fracture fill, Gn in one spot; locally greenish, brecciated, Chloritized; local 10 cm long interval with unidentified pale yellow mineral (not clay); through going planar Gr-coated fractures as well; some Qtz flooding, nearly white; non-Mag; LC - sharp @ 50 DTCA, broken core				5				1	5		+++			22549	48.2	49.3	1.1	182	3100	467	0.4	<0.005
		49.30	*50.10*	Shear - Fault Zone	Upper 20 cm of interval consists of laminated - sheared rock, mm-wide Chert - Gr - Py - Qtz laminations @ 30 DTCA, laminations are slightly curved; also some of the unidentified pale yellow mineral; rest of interval consists of sand, granules, Gr-rich, some Py, some Qtz, some of the pale yellow mineral; non-Mag; LC - 60 DTCA				5					5		+++			22550	49.3	50.1	0.8	1545	266	667	1.0	0.013
		50.10	*54.90*	Chert - Qtz Flooding Zone	Mottled white to dark grey (mostly white); fine- to coarse-grained; "stylolitic" Gr-coated fractures; locally vuggy; 1% diss Py; Chloritic; scattered massive 0.5 - 2.5 cm wide white Qtz, minor off-white Fsp, veins; (50.8-51.1 m) - Gr-Py(20%) - rich interval, some Chl, UC-LC - sharp, very irregular; (51.9-52.2 m) - Gr-rich interval, some Argillite, mm-cm -wide laminations @ 50 DTCA, cm - scale fold nose - truncated, some mm-cm - wide semi-massive - nearly massive Py laminations, Py along lamination margins as well, 2.5 cm wide vuggy Qtz vein @ 50 DTCA, UC-LC in broken core; (53.75-54.85 m) - broken core, tectonized Chert - laminated - mm-cm - wide Chert-Qtz-Argillte-Py-rich laminations @ 50 DTCA, may be curved, also some Gr, UC - sharp @ 55 DTCA, LC - sharp, irregular @ 75 DTCA; all non-Mag; LC - sharp, slightly irregular, @ 55 DTCA Sample 22654: STANDARD XXXXX: 0.009 ppm Au, 60.0 ppm Ag, 478 ppm Cu, 35700 ppm Pb, 48600 ppm Zn		2		+++	2				5	5			22651 22652 22653 22655 22656 22657	50.1 50.7 51.2 51.8 52.3 53.7	50.7 51.2 51.8 52.3 53.7 54.9	0.6 0.5 0.6 0.5 1.4 1.2	22 20 3 325 48 253	30 42 17 1750 457 146	51 93 36 535 204 797	<0.2 <0.2 <0.2 1.0 0.3 0.6	<0.005 <0.005 <0.005 0.008 <0.005 0.008
54.90	55.90			Massive Py	Highly fractured, cataclastic/crackle breccia; cm-dm - scale remnant Chert inclusions (in part a possible fold nose); some Gr-coated through going fractures; LC - gradational over 15 cm, mm-cm - wide irregular disrupted intercalations with underlying Chert interval, roughly @ 65 DTCA									90		1			22658	54.9	55.9	1.0	254	295	172	2.2	0.047
55.90	60.10			Py-bearing Laminated Chert	Distinct to indistinct mm-cm - wide laminations; pale to dark grey, black, pale to medium green; highly fractured, internal truncations/offsets, locally brecciated; Py throughout - stringers, veinlets, disseminations, disseminated along lamination/breccia matrix margins, <5 mm wide irregular massive laminations; laminations @ 35-90 DTCA, may be curved, generally @ 70-90 DTCA in lower 2 m of interval; fracture sets parallel to laminations, @ 150 DTCA and others, may also occur as Qtz stringers, veinlets or may be Chl-coated; mostly Mag in (57.9-58.1 m) and (58.4-58.8 m), otherwise all non-Mag; (59.35-59.75 m) - semi-massive to massive Py, some disrupted Py laminations @ 70 DTCA, underlain by 10 cm interval of Qtz vein material with Chl-Py; LC - gradational, placed at beginning of underlying Mag interval		10		5					15		2	22659 22660 22661 22662	55.9 57.0 58.2 59.3	57.0 58.2 59.3 60.1	1.1 1.2 1.1 0.8	48 19 20 126	781 142 361 33	457 27 350 68	0.3 0.4 0.2 0.4	<0.005 <0.005 <0.005 0.009

Main Unit		Sub-Unit		Lithology	Description	Alteration Mineralogy						Ore Mineralogy				Other Min.			Assay Results							
From (m)	To (m)	From (m)	To (m)			Cc	Chl	Ep	Qtz	Fsp	Tc	Cpy	Gn	Py	Sph	Gr	Gt	Mt	Sample #	From (m)	To (m)	Width (m)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Au (ppm)
60.10	61.90			BIF (Py-bearing)	Alternating mm - <2 cm wide laminations; pale grey to black and pale green to medium green; laminations @ 65-70 DTCA, fairly uniform (no truncations/offsets); very fine- to fine-grained; some lamination parallel and lesser cross-cutting Qtz (+/-Fsp) stringers, veinlets, also Chl-coated fractures; Ep-Mt - rich laminations as well; Py throughout interval, disseminations, lamination parallel stringers, veinlets, semi-massive laminations; Magnetic; LC - broken core, underlying dyke with fracture @ 60 DTCA		15	20	5					15				+++	22663 22664	60.1 61.0	61.0 61.9	0.9 0.9	18 28	32 15	87 46	<0.2 <0.2	<0.005 <0.005
61.90	65.60			Intermediate Dyke	Dark grey; fine-grained; equigranular; probably Bt-bearing; strong pervasive Cc carbonatization; 2% disseminated Py; non-Mag; indistinct foliation, Cc-coated fractures @ 55 DTCA, other Cc-coated fractures @ 145 DTCA; LC - sharp @ 60 DTCA	15	5							2												
65.60	73.00			BIF (Py-bearing)	Continuation and end of (60.1 - 61.9 m); upper 45 cm of interval is non-Mag; (65.6-67.0 m) - relatively Py-rich (20%); (67.0-73.0 m) scattered lamination parallel Py stringers, veinlets; laminations @ 55 DTCA; LC - not available, broken core		5	20						5				+++	22665 22666	65.6 67.0	67.0 68.5	1.4 1.5	23 40	384 208	52 94	0.6 0.6	<0.005 <0.005
73.00	98.50			Gt-Mt-Chl Fe Formation	Alternating mm - <3 cm wide laminations; medium to dark green, black; laminations @ 55 DTCA; fine-grained but with 20% medium-grained (1-2 mm - sized) Gt porphyroblasts fairly evenly distributed throughout rock; scattered Py stringers/fracture coatings; scattered Cc stringers/fracture coatings, veinlets; variably magnetic, strong to locally non-Mag	1	15							1			20	++								
98.5	104.8			Volcaniclastic Rocks	Apparent fragmental rock, garnetiferous layers (50%), and felsic framental (50%); fragmental appearance may be a deformational texture or interlayered siltstone/volcanic and garnetiferous layers.																					

Main Unit		Sub-Unit		Lithology	Description	Alteration Mineralogy						Ore Mineralogy				Other Min.			Assay Results							
104.8	118.4			Intermediate to Felsic Dyke	Medium grained, porphyritic feldspar phenocrysts up to 3mm but mainly <2mm, lower 3 m includes screens and bands of garnetiferous rock.																					
118.4	126.1			Volcaniclastic	Volcaniclastic rock (60%) with unterlayered siltstone (15%) and narrow felsic dykes (30%), locally moderately magnetic.																					
126.1	148.4			Volcaniclastic rock & sediments	Interlayered intermediate to felsic volcaniclastic rocks, siltstone and argillite; very prominent, narrow layers, local clasts or fragmental rocks, local knotty zones (metamorphosed hyaloclastite); darker layers are locally magnetic.																					
148.4	159.0			Volcaniclstic, sediments & syenite dykes	Interlayered material as above (126.1-148.40 but includes 10-15% orange, syenite dykes																					
159.0					End of Hole																					

GAR LTD.					
Property Name:	Lucky Irish	Bearing:	165	Drilled By:	ORBIT-GARANT
Claim #:	3003775	Inclination:	-45	Reflex Test:	
DDH #:	MLI-02	Total Length (m):	123	(@ XXX m)	
UTM Easting:	543342 (NAD 83, Zone 17 T)	Core Size:	NQ	Start:	Nov. 16, 2014
UTM Northing:	5316243 (NAD 83, Zone 17 T)	Logged By:		Finish:	Nov. 18, 2014
Elevation (m):	316	Core Stored At:		Page:	1 of 5

Notes:	DDH Planned to Intersect; XX boxes of core; Amph - amphibole, Bt - biotite, Cc - calcite, Chl - chlorite, Cpy - chalcopyrite, Ep - epidote, Fsp - feldspar, Gn - galena, Gt - garnet, Gr - graphite, Hem - hematite, Kspar - potassium feldspar, Mv - Muscovite; Mt - magnetite, Plag - plagioclase, Py - pyrite, Qtz - quartz, Ser - sericite, Sph - sphalerite; Talc - Tc; UM - ultramafic, MV - Mafic metavolcanic, Gt-MV - Gt-bearing mafic metavolcanic, IV - intermediate metavolcanic, FV - felsic metavolcanic, MD - mafic dyke, ID - intermediate dyke, FD - felsic dyke, IF - iron formation

Main Unit		Sub-Unit		*Lithology*	*Description*	*Alteration Mineralogy*						*Ore Mineralogy*				*Other Min.*			*Assay Results*								
From (m)	To (m)	*From (m)*	*To (m)*			*Cc*	*Chl*	*Ep*	*Qtz*	*Fsp*	*Tc*	*Cpy*	*Gn*	*Py*	*Sph*	*Gr*	*Gt*	*Mt*	*Sample #*	*From (m)*	*To (m)*	*Width (m)*	*Cu (ppm)*	*Pb (ppm)*	*Zn (ppm)*	*Ag (ppm)*	*Au (ppm)*
0.00	7.80			Overburden																						
7.80	19.90			Mafic Volcanics	Dark grey; aphanitic to fine-grained; chloritized; local 10-20 cm sized Ep-Cc patches, may be brecciated; rare barren <2 cm wide Qtz-Cc veins; rare Py; variably non-Mag to strongly Mag; general structures (veinlets, veins, margins of Ep-Cc patches) @ 30-50 DTCA	+	+	+										+/-									
		13.55	*16.30*	Intermediate Dyke	Mottled pale red (Fsp) - pale grey - black (Bt); fine-grained, locally porphyritic; one medium-grained Ep-rich zone; one zone with irregular mm-wide Amph layers @ 40 DTCA; 1-2% diss Py locally; local Mv; variably non-Mag to strongly Mag; UC @ 45 DTCA, LC @ 70 DTCA									1				+/-								
		16.70	*16.93*	Intermediate Dyke	Mottled pale red (Fsp) - medium grey (Fsp/Qtz) - metallic yellow (Py); fine-grained; 10% <1 mm-sized diss Py cubes; non-Mag; UC @ 30 DTCA, LC @ 100 DTCA - marked by fracture with slickensides and coarse Py									10												
		17.35	*19.90*	Vein-Shear-Alteration Zone	Abundant mm- to <3 cm wide Cc-lesser Qtz veinlets - veins @ 45-90 DTCA; host rock may be locally carbonatized; non-Mag; well developed fol @ 45 DTCA in lower 2/3rds of interval; scattered cm-scale intervals with <5% diss Py and/or mm-long Py stringers	15			10					3												
19.90	25.85			Qtz Vein / Qtz Flooding Zone	Mottled white - medium grey - dark grey; generally coarse-grained Qtz, barren, local white Fsp and rare Cc, local late cm-wide barren Qtz veins with sharp irregular contacts; irregular distribution of cm-sized mafic volcanic xenoliths, up to 75% locally (rock is more like a breccia), xenoliths are non-Mag, majority of xenoliths contain 1-2% diss fine Py; UC marked by an up to 5 cm wide wedge shaped slice of mud seam material, LC @ 45 DTCA	1			75	1				1												
25.85	27.55			Ultramafic Volcanics / Cc-Qtz Stockwork	Striped pale grey-white - dark greenish grey; mm- cm-scale scale striping; roughly 50% Cc, lesser Qtz, laminations and 50% serpentinized (fairly soft and Tc-bearing) ultramafics; non-Mag; local cm-scale zones with 1% diss Py; laminations generally @ 35-45 DTCA, may be up to 70 DTCA; LC in broken core	40			10		++			0.5												

27.55	35.50			Chert - Graphite - Pyrite Zone	Variable dark grey-black - pale to medium grey - metallic yellow; highly fractured to brecciated chert; fractures coated with Gr and/or Py; most Gr-coated fractures are slickensided; fracturing @ 0-50 DTCA, some wispy mm-scale sedimentary bedding @ 90 DTCA; generally 1-2% diss Py throughout interval, locally 10% diss Py and/or Py stringers - fracture fill, best Py (20%) in interval (30.9 - 32.5 m) and (33.8 - 34.8 m); some late Qtz veinlets / Qtz flooding; all non-Mag; LC in broken core				5					2		10			22551 22552 22553 22554 22555 22556 22557	27.6 28.8 30.0 31.0 32.0 33.2 34.4	28.8 30.0 31.0 32.0 33.2 34.4 35.5	1.2 1.2 0.9 1.0 1.2 1.2 1.1	7 14 140 50 63 47 86	65 276 1090 26 63 72 654	179 80 135 45 90 189 210	<0.2 <0.2 0.4 0.2 0.3 0.4 0.4	<0.005 <0.005 0.008 0.007 0.010 0.009 <0.005

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Main Unit		Sub-Unit		*Lithology*	*Description*	*Alteration Mineralogy*						*Ore Mineralogy*				*Other Min.*			*Assay Results*											
From (m)	To (m)	*From (m)*	*To (m)*			*Cc*	*Chl*	*Ep*	*Qtz*	*Fsp*	*Tc*	*Cpy*	*Gn*	*Py*	*Sph*	*Gr*	*Gt*	*Mt*	*Sample #*	*From (m)*	*To (m)*	*Width (m)*	*Cu (ppm)*	*Pb (ppm)*	*Zn (ppm)*	*Ag (ppm)*	*Au (ppm)*
35.50	39.05			Massive - Semi-massive Py Mineralized Zone	Dark metallic yellowish brown - black / dark grey; irregular cm-scale layered Py with mm- cm-scale wisps of black chert, Py is fine- to medium-grained; Py layering @ 0-30, rarely up to 60, DTCA; slickensided Gr-coated fractures throughout; all non-Mag; rare white Qtz veinlets; LC is gradational				5					50		5			22558 22559 22560	35.5 36.7 37.9	36.7 37.9 39.0	1.2 1.2 1.1	50 46 73	114 103 136	109 122 94	0.9 1.0 0.8	0.007 0.006 0.007
39.05	50.43			Sulphide (Py, Gn, Sph, Cpy) Stringer and Massive - Semi-massive Mineralized Zone	Pale to dark grey host rock chert; scattered cm- dm-scale intervals of white Qtz flooding / veinlets - locally vuggy, some Fsp, rare Cc, local layering @ 15-40 DTCA over 20-40 cm; Py throughout interval, 1st Gn occurs @ 39.52 m - associated with irregular Py stringers-veinlets-veins, 1st Cpy @ 40.45 m - associated with Gn-Py in fractures, 1st Sph occurs @ 40.55 m; Limonite in the interval (41.0 - 42.4 m); Malachite in the interval (41.9 - 42.0 m); scattered Gr-coated fractures	1			15			1	5	20	5	1												
		39.05	*40.45*	Py Stockwork Zone	Irregular mm-wide Py stringers, fracture coatings, veinlets ranging from 1-2% to 10-20% of rock; all non-Mag				5				1	15					22561 22562	39.0 39.5	39.5 40.3	0.5 0.8	73 364	159 10750	74 159	0.3 1.6	<0.005 <0.005
		40.45	*41.00*	Massive - Semi-massive Sulphide (Py-Gn-Sph-Cpy) Zone	Downhole gradation: semi-massive to massive to semi-massive stringer sulphide zone; metallic yellow - metallic yellowish brown - metallic purple - brown; Py>>Sph>Gn at top of interval, Sph=Py>>Gn>>>Cpy and Sph>>Gn at bottom of interval; fine- medium-grained Py, fine-grained Gn, very fine-grained Sph, fine-grained Cpy; all non-Mag; irregular layering @ 45 DTCA, @ 0 DTCA locally Sample 22564: BLANK: <0.005 ppm Au, <0.2 ppm Ag, 12 ppm Cu, 115 ppm Pb, 136 ppm Zn				5			1	5	50	10				22563 22565	40.3 41.2	41.2 41.7	0.9 0.5	432 18	34100 223	67600 366	8.9 <0.2	<0.005 <0.005
		41.70	*42.15*	Py-Sph-Gn Zone	Breccia/replacement zone; mm- to <2 cm sized Chl-rich fragments in a matrix of ~Py>>Sph=Gn; non-Mag				15			1	5	40	5				22566	41.7	42.2	0.5	1305	20900	16750	6.0	<0.005
		42.35	*44.75*	Py Zone	Mostly Py along fractures, some irregular veinlets and veins; occasional Cpy / Gn / Sph; non-Mag Sample 22570: STANDARD OREAS xxx: -- ppm Au, 58.7 ppm Ag, 480 ppm Cu, 35500 ppm Pb, 48500 ppm Zn				40			1	1	20	1				22567 22568 22569 22571 22572 22573 22574 22575 22576 22577	42.2 42.7 43.8 44.3 45.0 46.0 47.0 48.0 48.5 49.0	42.7 43.8 44.3 45.0 46.0 47.0 48.0 48.5 49.0 49.7	0.5 1.1 0.5 0.7 1.0 1.0 1.0 0.5 0.5 0.7	1610 268 729 2440 482 938 1545 551 202 136	6690 456 489 7130 39400 37000 65500 41400 24400 39700	1200 227 661 3500 655 927 9840 48300 1835 422	2.3 0.8 0.8 3.5 7.0 7.3 8.5 7.7 2.7 3.7	<0.005 <0.005 <0.005 0.011 0.027 0.018 0.006 0.006 <0.005 <0.005
		44.75	*49.65*	Py>Gn>Sph Zone	Stringers - veinlets - veins - massive/semi-massive cm-dm scale masses of Py throughout interval with or without much lesser Gn, but Gn also fairly regularly distributed throughout interval; irregular distribution of Sph stringers - veinlets; well developed mm-wide layering @ 35-40 DTCA at top of interval; all non-Mag				15				5	20	2	2												
		49.65	*50.20*	Fault Zone	Cm-dm scale layered schistose Gr-Chl - white Qtz - massive Py; at least one 15 cm wide layer of Graphitic mudseam material; all non-Mag; UC marked by a 1.5 cm wide Qtz vein with Gn @ 65 DTCA, LC @ 45 DTCA	5	10		10					10					22578	49.7	50.5	0.8	520	6830	919	2.7	<0.005

		50.20	*50.43*	Mineralized Zone	End of mineralized zone; some fine- to coarse-grained cm-scale semi-massive Py, mostly as cubes; partially truncated open fold over 7 cm; two ~1 cm wide barren Qtz veins; all non-Mag; LC is gradational				10					15											

Main Unit		Sub-Unit		*Lithology*	*Description*	*Alteration Mineralogy*						*Ore Mineralogy*				*Other Min.*			*Assay Results*							
From (m)	To (m)	*From (m)*	*To (m)*			*Cc*	*Chl*	*Ep*	*Qtz*	*Fsp*	*Tc*	*Cpy*	*Gn*	*Py*	*Sph*	*Gr*	*Gt*	*Mt*	*Sample #*	*From (m)*	*To (m)*	*Width (m)*	*Cu (ppm)*	*Pb (ppm)*	*Zn (ppm)*	*Ag (ppm)*	*Au (ppm)*
50.43	58.40			Felsic Volcaniclastics/ High Strain Zone	Very well laminated, lesser laminations in (55.6 - 56.4 m), alternating mm- <2.5 cm wide laminations; one set of laminations - matrix - pale-medium grey, fine-grained equigranular, may be pale green due to abundant fine Chl/Ep/Ser (Chl/Ep/Ser-rich laminations); second set of laminations - fragments - dark grey, fine-grained equigranular, occur as through-going laminations or as distinct flattened cm long lens-shaped fragments; abundant Chl-coated lamination parallel fractures/veinlets; scattered mm- <1 cm wide black argillite laminations; local isolated Pyritic lamination parallel fractures, also local cm-scale net-textured Py intervals / Py-rich laminations / diss Py, rare Sph or Cpy with the Py; scattered Cc / Qtz fracture coatings, stringers, veinlets, up to 6 cm wide veins, local pervasive rock carbonatization; all non-Mag except for intervals: (52.35 - 52.5 m), (56.0 - 56.05 m), (56.1 - 56.4 m); laminations offset locally along internal slip planes; local cm - dm - scale breccia; laminations @ 40-65 DTCA, locally @ 75 DTCA	10	10	10	5					2						22579 22580 22581 22582 22583	50.5 52.0 53.5 55.0 56.5	52.0 53.5 55.0 56.5 58.0	1.5 1.5 1.5 1.5 1.5	17 12 65 525 203	159 67 12 121 918	79 19 9 73 64	0.2 <0.2 <0.2 0.7 0.6	<0.005 <0.005 <0.005 <0.005 <0.005
		52.20	*52.30*	Structural Displacement Zone	Set of interconnected up to 2 cm wide Qtz-Cc veins; abundant Py; open folding, truncated folding; vein set marks 90 degree rotation in orientation of underlying laminations																					
		52.60	*52.70*	Structural Displacement Zone	Cm-scale folding, truncation of laminations, slip plane resulting in 180 degree rotation of orientation of underlying laminations																					
		54.70	*55.00*	High Strain Zone	Mostly 1-5 mm wide laminations, abundant <1 mm wide Chl laminations; foliation up to 75 DTCA; 90 degree rotation of foliation in underlying rocks		40																			
		56.40	*57.20*	Breccia	Mm-cm - sized felsic volcaniclastic fragments in a Chl-rich matrix; non-Mag; UC - sharp @ 70 DTCA																					
		57.20	*57.40*	Chert	Pale to dark grey chert intercalation; non-Mag; UC - sharp, irregular, LC - sharp, slightly irregular, @ 70 DTCA																					
		57.50	*58.00*	Mafic volcaniclastics	Dark green; some cm-sized felsic volcaniclastic xenoliths; non-Mag; UC - sharp @ 65 DTCA																					
		58.00	*58.40*	Breccia	50% cm-sized felsic volcaniclastic fragments, 50% Chl-rich matrix; 10% Py; non-Mag; may be transition zone into underlying mafic volcaniclastic interval; UC - sharp, slightly wavy, @ 55 DTCA, LC - sharp, fairly regular, @ 65 DTCA		35							10											

58.40	60.77			Mafic Volcaniclastics	Dark green; fine-grained; cm-sized felsic volcaniclastic fragments; interval (59.0 - 60.0 m) has foliation curving @ 30-10-30 DTCA and mm-cm - scale open chaotic folding, <1 cm wide foliation parallel Qtz/Cc veinlets/replacement laminations, foliation parallel disseminated Py; UC - gradational, LC - gradational; one 30 cm long felsic volcaniclastic intercalation, UC - brecciated/gradational, LC - brecciated; one 20 cm long felsic volcaniclastic intercalation, UC - sharp, irregular, bulbous, LC - sharp @ 70 DTCA, mm offsets along several slip planes; all non-Mag														22584 22585 22586	58.0 58.8 59.8	58.8 59.8 60.8	0.8 1.0 1.0	9 4 6	394 6 49	58 92 109	0.6 <0.2 <0.2	<0.005 <0.005 <0.005
60.77	65.47			BIF	Well laminated, mm- < 3 cm wide laminations, pale to dark grey (Chert), dark bluish black (Mt-rich), pale yellowish green (Ep-rich?) to dark green (Chloritic); internal slip planes - truncation of laminations, also some mm-cm - scale folding; scattered lamination parallel Cc veinlets, cm - scale pervasive carbonatization, sets of Cc veinlets; laminations generally @ 70 DTCA, locally @ 90 DTCA; scattered laminations with diss Py - Py stringers, Py rarely in cross-cutting fractures; all-Mag Sample 22590: STANDARD OREAS XXX: 0.045 ppm Au, 30.9 ppm Ag, 319 ppm Cu, 16500 ppm Pb, 27400 ppm Zn	5	10	10						2				40	22587 22588 22589	60.8 62.4 64.0	62.4 64.0 65.5	1.6 1.6 1.5	14 12 16	41 32 24	27 41 31	0.3 0.2 <0.2	<0.005 <0.005 <0.005

DDH MLI-02 (GAR LTD., LUCKY IRISH PROPERTY)

Main Unit		Sub-Unit		*Lithology*	*Description*	*Alteration Mineralogy*						*Ore Mineralogy*				*Other Min.*			*Assay Results*								
From (m)	To (m)	*From (m)*	*To (m)*			*Cc*	*Chl*	*Ep*	*Qtz*	*Fsp*	*Tc*	*Cpy*	*Gn*	*Py*	*Sph*	*Gr*	*Gt*	*Mt*	*Sample #*	*From (m)*	*To (m)*	*Width (m)*	*Cu (ppm)*	*Pb (ppm)*	*Zn (ppm)*	*Ag (ppm)*	*Au (ppm)*
65.47	66.95			Composite Intermediate Dyke	Four phases: (65.47 - 65.8 m): medium-dark grey, porphyritic - Qtz/Fsp phenocrysts, 3% diss Py, UC - sharp @ 70 DTCA marked by a Cc veinlet with Py, LC - sharp, @ ~90 DTCA, offset by 1.5 cm by fracture @ 0 DTCA; (65.8 - 66.19 m): medium-dark grey, porphyritic - mafic (some Qtz/Fsp) phenocrysts, 2% diss Py, LC - sharp, slightly irregular, @ 70 DTCA; (66.19 - 66.85 m): medium-dark grey, Bt(?)-bearing, some Qtz/Fsp phenocrysts at bottom of interval, 1% diss Py locally, LC - sharp @ 65 DTCA; (66.85-66.95 m): dark greenish grey, fine- medium-grained, non-porphyritic, 1% diss Py, LC - sharp, irregular, @ 70 DTCA marked by a Cc veinlet with Py; all non-Mag									2					22591	65.5	67.0	1.5	5	83	113	<0.2	<0.005
66.95	67.35			BIF	Continuation of BIF in (60.77 - 65.47 m); LC - sharp, truncates laminations in underlying rock, @ 80 DTCA, indicates that stratigraphic top is uphole														22592 22593 22594 22595 22596 22597	67.0 67.8 68.7 69.2 69.8 71.3	67.8 68.7 69.2 69.8 71.3 72.8	0.8 0.9 0.5 0.6 1.5 1.5	21 25 99 7920 429 242	39 106 2200 1445 3130 119	30 120 1380 310 77 78	0.7 0.6 1.5 6.4 1.6 0.3	0.005 <0.005 <0.005 0.015 <0.005 <0.005
67.35	72.95			Massive Chert	Pale to dark grey; essentially massive except where locally fractured, fractures @ 55 DTCA; Py in fracture-controlled stringers - irregular veinlets, one 10 and one 25 cm long intervals of semi-massive Py, probable very fine Sph and possible very fine Gn in (68.9 - 69.05 m), Cpy veinlets in (69.41 - 69.44 m) at the top of 25 cm long semi-massive Py interval, mm-sized bleb of Cpy @ 71.51 m in a Qtz veinlet; scattered Qtz veinlets and up to 3.5 cm wide Qtz-Chl veins; all non-Mag; LC - very irregular, brecciated, @ ~15 DTCA				5			0.5	0.5	15	0.5												
		67.35	*68.20*	Laminated Chert - Argillite	Mm-scale laminations, pale to dark grey or green, some cm-wide medium grey massive chert laminations, mm-scale Py stringers - irregular veinlets - stratiform aggregates, gradational lower contact, laminations @ 20 to 70 DTCA, some mm- cm - scale folding; black argillite layer in (67.38 - 67.63 m), 25% Py in stringers, irregular veinlets - veins, UC - sharp @ 70 DTCA, LC - sharp, slightly irregular, @ 35 DTCA; all non-Mag									20												
		72.52	*72.88*	Calcite Vein	Massive; white; very coarse-grained; very minor Qtz; barren; UC - sharp, very irregular, LC - sharp, fairly regular @ 45 DTCA	99			1																

72.95	76.00			Py-Cpy Mineralized Zone																							
		72.95	*74.05*	Mafic Dyke	Very heterogeneous; dark green (Chl); fine- medium-grained; mm- cm - sized very irregular Qtz/Fsp inclusions, also Chert inclusions, no Cc; locally equigranular - salt and pepper texture; diss mm-sized Cpy blebs, 1-2 cm-sized Cpy aggregates, Cpy fracture fill, local cm-scale semi-massive Py with Cpy; all non-Mag; UC - brecciated, Cpy in overlying Chert but mostly in Mafic rock, LC - sharp against underlying Qtz-Cc vein @ 65 DTCA Sample 22599: BLANK: <0.005 ppm Au, <0.2 ppm Ag, 26 ppm Cu, 4 ppm Pb, 31 ppm Zn				10			10		15					22598 22600	72.8 73.3	73.3 74.2	0.5 0.9	15550 5980	125 62	172 46	13.1 5.4	<0.005 0.006
		74.05	*74.40*	Qtz-Cc Vein	Very pale grey Qtz, white Cc; very coarse-grained, scattered mm-sized Cpy blebs, LC - fairly sharp @ 60 DTCA; mm- cm-scale layers of Felsic volcaniclastic(?) material containing semi-massive Py, trace Cpy; all non-Mag	45	45					2		5												

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Main Unit		Sub-Unit		*Lithology*	*Description*	*Alteration Mineralogy*						*Ore Mineralogy*				*Other Min.*			*Assay Results*								
From (m)	To (m)	*From (m)*	*To (m)*			*Cc*	*Chl*	*Ep*	*Qtz*	*Fsp*	*Tc*	*Cpy*	*Gn*	*Py*	*Sph*	*Gr*	*Gt*	*Mt*	*Sample #*	*From (m)*	*To (m)*	*Width (m)*	*Cu (ppm)*	*Pb (ppm)*	*Zn (ppm)*	*Ag (ppm)*	*Au (ppm)*
		74.40	*76.00*	Mixed Massive - Semi-Massive Py - Qtz Veining	Downhole sequence: (74.4 - 74.7 m) - semi-massive Py, one 2.5 cm wide massive Py layer @ 35 DTCA, some Cpy aggregates, veinlets, black Argillite fragments, LC - sharp against underlying Qtz vein @ 65 DTCA; (74.7 - 74.8 m) - massive Qtz vein, vuggy, barren, Argillite xenoliths with diss Py, LC in broken core; (74.8 - 74.9 m) - Chert, semi-massive - massive Py, LC - sharp but very irregular; (74.9 - 76.0 m) - alternating cm-dm - scale Qtz vein material and massive - semi-massive Py layers, up to 50% dark grey angular Argillite and/or Chert fragments in the Qtz veins, diss Cpy-Py blebs, cm-sized Py aggregates in the Qtz veins; one sharp internal contact @ 45 DTCA, another sharp irregular internal contact @ 80 DTCA; some Cc with Qtz, some Cc blebs, some Cc locally in the massive Py; (75.55 - 75.8 m) - badly broken disaggregated core, granules-gravel, Cc-Qtz-Py-Cpy-Argillite/Chert; arbitrary lower contact placed in Py-bearing Chert in broken core; all non-Mag	5	5		30			2		30					22601 22602 22603	74.2 74.7 75.2	74.7 75.2 76.0	0.5 0.5 0.8	14500 5360 4910	94 231 1800	47 44 222	12.9 4.9 7.4	0.005 0.005 0.008
76.00	77.10			Chert	Massive; pale grey to dark grey colour banding, locally green; not really laminated but highly fractured, mm-cm - spaced fractures @ 60-70 DTCA; fracture parallel Cc stringers - veinlets; fracture parallel Py stringers, Py-coated fractures, <1 cm wide semi-massive Py layers;														22604 22605	76.0 76.5	76.5 77.1	0.5 0.6	67 1275	282 113	47 411	0.3 1.1	<0.005 <0.005
		76.13	*76.50*	Qtz Vein	Massive; white; coarse-grained; minor Cc; vuggy; barren; Chert inclusions with Py; UC - sharp, very irregular, LC - sharp, irregular, @ ~70 DTCA																						

77.10	90.12			BIF	Mm - cm wide alternating Chert and Mt laminations; Chert is medium grey, locally pale grey; Mt laminations are very dark brown; laminations @ 40-65 DTCA; scattered Py throughout but highest concentration in upper 4 m of interval, Py as stringers along fractures, along lamination contacts, as disseminations restricted to a single lamination; scattered Cc-coated fractures - stringers - cm wide zones of pervasive carbonatization; LC - sharp @ 70 DTCA against underlying porphyritic dyke	2								2					22606 22607 22608	77.1 78.6 79.7	78.6 79.7 80.7	1.5 1.1 1.0	78 65 148	19 3 16	30 22 40	<0.2 <0.2 0.4	<0.005 <0.005 <0.005
		82.10	*82.22*	Intermediate Dyke	Fsp porphyry; medium grey, white Fsp phenocrysts; weakly Cc carbonatized; UC - in broken core, LC - sharp @ 55 DTCA	2								1														
		86.95	*87.13*	Intermediate Dyke	Fsp porphyry; similar to (82.1 - 82.22 m) porphyry but with more Fsp phenocrysts; medium grey, white Fsp phenocrysts; 1% diss Py; moderately Cc carbonatized; 5 cm wide BIF intercalation; UC - sharp @ 65 DTCA, LC - sharp @ 55 DTCA;	5								1													
90.12	95.6			Syenite Dyke	Fine ro medium grained, orange felsic dyke																							
95.6	101.8			Silicified Rock	Contact metamorphosed sediment or volcaniclastic; very siliceous																							
101.8	123.0			Volcaniclastic / Sediment	Garnetiferous, highly strained sedimentary and/or volcanicastic rocks; strongly layered.																							
123.0					End of Hole																							

GAR LTD.					
Property Name:	Lucky Irish	Bearing:	165	Drilled By:	ORBIT-GARANT
Claim #:	3003775	Inclination:	-45	Reflex Test:	
DDH #:	MLI-03	Total Length (m):	90	(@ XXX m)	
UTM Easting:	543258 (NAD 83, Zone 17 T)	Core Size:	NQ	Start:	Nov. 18, 2014
UTM Northing:	5316221 (NAD 83, Zone 17 T)	Logged By:		Finish:	Nov. 19, 2014
Elevation (m):	315	Core Stored At:		Page:	1 of 5

Notes: DDH Planned to Intersect; XX boxes of core; Amph - amphibole, Bt - biotite, Cc - calcite, Chl - chlorite, Cpy - chalcopyrite, Ep - epidote, Fsp - feldspar, Gn - galena, Gt - garnet, Gr - graphite, Hem - hematite, Kspar - potassium feldspar, Mv - Muscovite; Mt - magnetite, Plag - plagioclase, Py - pyrite, Qtz - quartz, Ser - sericite, Sph - sphalerite; Talc - Tc; UM - ultramafic, MV - Mafic metavolcanic, Gt-MV - Gt-bearing mafic metavolcanic, IV - intermediate metavolcanic, FV - felsic metavolcanic, MD - mafic dyke, ID - intermediate dyke, FD - felsic dyke, IF - iron formation

Main Unit		Sub-Unit		*Lithology*	*Description*	*Alteration Mineralogy*						*Ore Mineralogy*				*Other Min.*			*Assay Results*								
From (m)	To (m)	*From (m)*	*To (m)*			*Cc*	*Chl*	*Ep*	*Qtz*	*Fsp*	*Tc*	*Cpy*	*Gn*	*Py*	*Sph*	*Gr*	*Gt*	*Mt*	*Sample #*	*From (m)*	*To (m)*	*Width (m)*	*Cu (ppm)*	*Pb (ppm)*	*Zn (ppm)*	*Ag (ppm)*	*Au (ppm)*
0.00	4.20			Overburden																						
4.20	6.00			Intermediate Volcanics	Pale- medium greenish grey; fine-grained; well foliated - mm-wide laminations, local black mm- up to 10 cm wide Ultramafic laminations, foliation/laminations @ 35-40 DTCA; trace diss Py, Py concentrated in isolated laminations as well; Cc stringers, veinlets, parallel to or cross-cutting foliation/laminations, cm-wide zones of pervasive Cc carbonatization; locally brecciated with mm-cm-sized fragments parallel to foliation; all non-Mag; LC - probably gradational, at core break	10								1												
6.00	18.05			Ultramafics / Cc-Qtz Stockwork	Black to dark grey ultramafics, white Cc, grey Qtz; Ultramafics - very fine-grained - locally medium-grained (gabbroic), talcose, massive to schistose, 1% diss Py; Cc-Qtz stringers, veinlets, up to 7 cm wide veins, mm-cm - sized diss blebs, cm-dm - sized aggregates, concordant-discordant @ 0 to 90 DTCA, local mm-scale folding, essentially barren -trace Py locally; all non-Mag; LC - sharp @ 60 DTCA	45			15		++			1												
		9.70	*10.10*	Intermediate Volcanics	Similar to (4.2 - 6.0 m); trace diss Py	2								1												
		13.50	*15.60*		Badly broken core; Gr / Chl - coated fractures; abundant Qtz-Cc vein material; trace diss Py; non-Mag	10	++		10					1		++										
		16.70	*16.90*	Syenitic Dyke	Mottled very pale red - pale to medium grey; 50% 2-6 mm-sized Fsp phenocrysts; non-Mag; UC sharp, irregular, intercalated with Ultramafics, LC - in broken core																				
18.05	20.00			Felsic Volcaniclastics	Mm-cm - sized pale- medium grey cherty looking lenticular fragments in a medium grey fine-grained matrix; most fragments are matrix supported; 5% diss Py in matrix; some black mm-cm - wide chert intercalations; preferred orientation of fragments @ 55 DTCA; scattered Qtz, lesser Cc, veinlets; mm- to <1.5 cm wide semi-massive - massive Py stringers, veinlets, veins in (18.7 - 19.5 m); non-Mag; LC - gradational, intercalations Sample 22610: STANDARD OREAS XXX: --ppm Au, 58.1 ppm Ag, 470 ppm Cu, -- ppm Pb, -- ppm Zn	2			5					5					22609	18.7	19.5	0.8	40	79	146	0.3	0.008

Main Unit		Sub-Unit		Lithology	Description	Alteration Mineralogy						Ore Mineralogy				Other Min.			Assay Results								
From (m)	To (m)	*From (m)*	*To (m)*			*Cc*	*Chl*	*Ep*	*Qtz*	*Fsp*	*Tc*	*Cpy*	*Gn*	*Py*	*Sph*	*Gr*	*Gt*	*Mt*	*Sample #*	*From (m)*	*To (m)*	*Width (m)*	*Cu (ppm)*	*Pb (ppm)*	*Zn (ppm)*	*Ag (ppm)*	*Au (ppm)*
20.00	20.70			Laminated Greywacke - Argillitic Greywacke	Alternating mm- to 1 cm wide laminations; Greywacke is medium grey, fine-grained, equigranular, Chloritic; Argillitic greywacke is mixed very dark brown - medium grey, fine-grained, dark brown mineral is micaceous; 5% diss Py throughout; laminations (and foliation) generally @ 70 DTCA; all non-Mag; mm-scale offsets along slip planes; lowermost 35 cm marked by an ~20 cm wide Argillite layer underlain by an ~10 cm wide Greywacke layer with foliation @ 30 DTCA; LC - sharp @ 30 DTCA, partially overprinted by irregular up to 2 cm wide Py vein				2					5					22611	19.5	20.5	1.0	15	42	173	0.2	<0.005
20.70	58.90			Sulphide Mineralization Zone	Essentially Py; scattered up to 30 cm long intervals of massive Py, Py stringer - veinlet - vein zones, Py matrix breccia zones; abundance of sulphides decreases downhole; m-scale intervals of Gr, with/without Py; major host rock is Chert; Lc - underlying dyke																					
		20.70	*30.30*	Mineralized Chert	Host rock - Chert, medium grey, locally pale or dark grey, locally with a greenish tinge; essentially non-Mag, but Mag in (21.65-21.95 m) and (22.15-22.5 m); rare layering @ 20 and 55-75 DTCA; Cc/Qtz stringers, veinlets, up to 4 cm wide veins @ 0-80 DTCA, aggregates - flooding zones, essentially barren or with Py along margins; local dark grey/black Argillitic Chert intervals, brecciated, up to 50% Py (lesser Cc) matrix; (23.3-23.5 m) - mm-sized Sph blebs along margin of a Qtz-Cc vein and in Qtz-Cc veinlets; (24.85-25.25 m) - very fine Sph along hairline fractures; some Gr-coated fractures below 26 m; (28.1-28.9 m) - scattered hairline fractures with Gn; (29.9-30.0 m) - trace Sph-Gn-Cpy; (30.2-30.3 m) - trace Gn; (27.35 - 27.7 m) - intermediate dyke, highly strained, very fine regular/chaotic foliation, 5% diss Py, contacts in broken core; LC - fairly abrupt, marked by Py layers @ 40 DTCA overprinting contact Sample 22618: BLANK: <0.005 ppm Au, <0.2 ppm Ag, 21 ppm Cu, 14 ppm Pb, 120 ppm Zn	10	5		10				1	35	1	1			22612	20.5	21.6	1.1	79	32	62	0.4	0.011
																			22613	21.6	22.1	0.5	34	19	23	0.3	0.018
																			22614	22.1	23.1	1.0	79	70	53	0.6	0.012
																			22615	23.1	23.6	0.5	133	684	1750	1.1	0.022
																			22616	23.6	24.8	1.2	52	269	419	0.8	0.016
																			22617	24.8	25.3	0.5	171	7810	7090	2.5	0.019
																			22619	25.3	25.8	0.5	374	1655	1910	1.0	0.005
																			22620	25.8	26.8	1.0	133	352	67	0.9	0.019
																			22621	26.8	27.4	0.6	107	223	116	1.2	0.011
																			22622	27.4	28.1	0.7	52	938	175	0.3	<0.005
																			22623	28.1	28.9	0.8	19	66	16	<0.2	<0.005
																			22624	28.9	30.3	1.4	88	1390	75	0.3	<0.005
		30.30	*30.65*	Intermediate Dyke	Dark grey to black; fine-grained; very fine foliation; non-Mag; one discontinuous up to 1 cm wide massive Py vein; LC - sharp, very irregular														22625	30.3	30.6	0.3	9	275	152	<0.2	<0.005
		30.65	*31.90*	Massive - Semi-Massive Py	In dark grey Chert; highly fractured cataclastic Py, negligible, but some, movement/dislocation; fine- to medium-grained; Gn along fractures and as open space filling in Py and in Chert; local mm-sized Sph blebs; Gn-Sph not mixed with Py but introduced later into fractures - open spaces; Gr along fractures; general contacts with Chert @ 10-25 DTCA; non-Mag; LC - sharp, marked by a 3.5 cm wide Py-bearing Qtz vein @ 75 DTCA Sample 22628: STANDARD OREAS XXX: 0.008 ppm Au, 101 ppm Ag, 321 ppm Cu, 48400 ppm Pb, 106000 ppm Zn								2	60	1	2			22626	30.6	31.1	0.5	153	9070	116	1.2	0.016
																			22627	31.1	31.9	0.8	93	9220	374	1.7	0.023
		31.90	*33.30*	Ultramafics / Qtz Stockwork	Badly broken core; numerous Gr-coated fractures; Ultramafics are soft, talcose; Qtz (with very pale pink Fsp,rare Cc) stringers, veinlets; scattered Py stringers, veinlets, aggregates; one 9 cm long piece of core with at least 3 cm wide barren Qtz-Cc vein; non-Mag; laminations at beginning of interval @ 20 DTCA; LC - broken core but probably sharp @ 50 DTCA	2			15		++			5		+++			22629	31.9	33.3	1.4	51	963	233	0.6	<0.005

Main Unit		Sub-Unit		Lithology	Description	Alteration Mineralogy						Ore Mineralogy				Other Min.			Assay Results								
From (m)	To (m)	*From (m)*	*To (m)*			*Cc*	*Chl*	*Ep*	*Qtz*	*Fsp*	*Tc*	*Cpy*	*Gn*	*Py*	*Sph*	*Gr*	*Gt*	*Mt*	*Sample #*	*From (m)*	*To (m)*	*Width (m)*	*Cu (ppm)*	*Pb (ppm)*	*Zn (ppm)*	*Ag (ppm)*	*Au (ppm)*
		33.30	*35.80*	Massive Chert - Py Mineralization	Pale to medium grey; massive, moderately fractured; Qtz flooding, veining; irregular Py veinlets, veins, cm - dm long irregular vein-like aggregates, locally massive over a few cm; very fine Gn along fractures, some with Py, in upper 0.7 m of interval; (35.35 - 35.65 m) - mm laminated Gr-rich interval with Qtz/Cc/pink Fsp stringers, veinlets, aggregates; LC - sharp, irregular, curved	2			10	1			1	20		+++			22630	33.3	34.0	0.7	81	1295	22	0.4	<0.005
																			22631	34.0	35.0	1.0	91	563	49	0.3	0.005
																			22632	35.0	35.7	0.7	73	298	64	0.2	<0.005
		35.80	*36.10*	Massive Py	Cm-dm -scale massive Py lenses; cataclastic; rusty weathering fractures, also Gr-coated fractures; Chert, with aggregates, veins of Qtz-pink Fsp, intercalations; LC - in broken core, may be sharp, abrupt, @ 30 DTCA				10	1				50		++			22633	35.7	36.2	0.5	70	255	101	0.4	0.015
36.10	52.00			Gr-Py Argillite - Chert	Mostly badly broken core; alternating <mm-cm - wide Argillite - Chert laminations, some dm - scale Argillite/Chert interbeds; Argillite-rich intervals generally well foliated and folded, often chaotic folding; Argillite is very dark brown in colour, very fine- to fine-grained, generally micaceous, relatively hard; Chert is pale to dark grey in colour, very fine-grained, in part white due to Qtz flooding and with Gr-coated "stylolitic" fractures; Py occurs throughout interval as disseminations, foliation/lamination parallel stringers, veinlets, very irregular cm-wide massive laminations/masses; Gr-coated fractures throughout; all non-Mag; LC - in broken core								1	10	1	+++			22634	36.2	37.5	1.3	31	90	104	1.0	0.005
																			22635	37.5	39.2	1.7	51	144	95	0.3	0.007
		37.25	*37.65*	Fsp-Qtz-Cc Vein	Massive very pale pink (Fsp), very pale grey (Qtz), white (Cc) vein; barren; some Gr-coated fractures; UC - sharp, slightly irregular, @ 25 DTCA, LC - sharp, irregular, @ 15 DTCA	25			35	40						1											
		39.20	*41.00*	Py-rich Argillite	About 40% Py in very irregular <4 cm wide wispy laminations, veins, masses @ 25 - 85 DTCA; some Chert lenses, laminations as well; abundant Gr-coated fractures									40		+++			22636	39.2	40.0	0.8	102	201	75	0.3	0.010
																			22637	40.0	41.0	1.0	464	92	79	0.4	0.008
		41.10	*42.10*	Gr-bearing Chert	Massive, white Chert; highly fracured, Gr-coated "stylolitic" fractures; Py in fractures with Gr, some <2 cm - sized Py aggregates as open space fillings									2		++			22638	41.0	42.1	1.1	165	1400	399	0.4	<0.005
		42.10	*45.35*	Gr Chert	Highly strained Chert; fine-grained mixture of foliated Chert and pervasive Gr; local mm-cm - scale folding with Argillite; (42.8-42.9 m) - Qtz vein, UC- LC, sharp, @ 60 DTCA - underlying 30 cm Gr-Chert interval contains a slightly re-folded isoclinal fold(?); disseminated Py, irregular discontinuous Py stringers, veinlets, essentially throughout interval; some mm - 1 cm - sized Sph blebs @ 42.7 m and 43.7 m; (43.6-44.7 m) - strongly folded									10	1	+++			22639	42.1	43.6	1.5	174	3870	1410	0.7	<0.005
																			22640	43.6	44.7	1.1	137	2090	475	0.4	<0.005
																			22641	44.7	45.4	0.7	214	4680	354	0.8	<0.005
		45.35	*47.60*	Argillite	Predominantly Argillite; mm-cm - wide laminations, fractures generally @ 45 DTCA; (47.0-47.4 m) - foliation curves from 65 to 0 DTCA downhole (fold), Argillite is brecciated; some sheared Gr-rich Chert; (45.5-45.7 m) - probable fault zone, core consists of sand, granules, gravel, two pieces of core with trace Gn ; Py stringers, veinlets, lamination parallel aggregates throughout								1	10		+++			22642	45.4	46.4	1.0	122	5620	252	1.5	<0.005
																			22643	46.4	48.0	1.6	91	2760	108	0.7	<0.005
																			22644	48.0	49.5	1.5	965	1215	135	0.7	<0.005
		47.60	*51.30*	Chert - Argillite Breccia	Laminated Chert and Argillite; mostly brecciated or highly fractured; local folding; Gr-coated fractures; bleb of Gn @ 48.5 m and @ 51.0 m; Py disseminations, stringers, veinlets throughout, (50.98-51.8 m) - possible up to 10 cm interval of massive Py (all core chips); lowermost 20 cm of interval consists of foliated Chert-Argillite with 20% foliation parallel Py stringers, foliation @ 35 DTCA, LC - in broken core								1	10		+++			22645	49.5	50.9	1.4	259	992	173	0.5	0.006
																			22646	50.9	51.3	0.4	1070	521	116	1.5	0.032

Main Unit		Sub-Unit		Lithology	Description	Alteration Mineralogy						Ore Mineralogy				Other Min.			Assay Results								
From (m)	To (m)	*From (m)*	*To (m)*			*Cc*	*Chl*	*Ep*	*Qtz*	*Fsp*	*Tc*	*Cpy*	*Gn*	*Py*	*Sph*	*Gr*	*Gt*	*Mt*	*Sample #*	*From (m)*	*To (m)*	*Width (m)*	*Cu (ppm)*	*Pb (ppm)*	*Zn (ppm)*	*Ag (ppm)*	*Au (ppm)*
		51.30	*52.00*	Chert	Pale to dark grey, locally greenish; massive, rare mm - wide laminations, generally @ 50 DTCA; highly fractured; irregular Py stringers, veinlets, up to 1.5 cm wide layers throughout; Qtz veinlets in upper 30 cm; LC - sharp, irregular, @ 60 DTCA Sample 22648: STANDARD OREAS XXX: 0.012 ppm Au, 202 ppm Ag, 1320 ppm Cu, 125000 ppm Pb, 171000 ppm Zn				5					15					22647	51.3	52.0	0.7	2100	240	237	0.7	0.008
52.00	54.00			Fault	Missing core; badly broken core in (51.7-52.0 m) and in (54.0-54.3 m), includes some pieces of Qtz vein material; vuggy Qtz veins on either side of fault zone; 2 cm - sized piece of core with ~1 cm of Cpy in (54.0-54.3 m) gravel				10			1														
54.00	55.90			Chert	Continuation of (51.3-52.0 m)														22649	54.0	55.4	1.4	1790	61	193	0.7	0.009
		55.40	*55.65*	Intermediate Dyke	Medium- dark grey; fine-grained; equigranular; trace disseminted Py; non-Mag; UC - sharp @ 55 DTCA, marked by a Gr-coated fracture, LC - sharp, very irregular									1					22650	55.4	56.0	0.6	6350	23	108	1.4	0.012
55.90	57.00			Composite Intermediate Dyke	Medium greenish grey; fine- medium-grained, equigranular; trace disseminated Py; Chl-coated fractures; lowermost 10 cm of interval (broken core) contains some mm - wide Cpy veinlets @ 50 DTCA; UC - sharp, slightly irregular, @ 60 DTCA, some oxidized Cpy in contact zone, LC - in broken core; (56.3-56.6 m) - Syenite dykelet, 50% 2-4 mm - sized Fsp phenocrysts, locally pale orange, trace disseminated Py, centre is foliated - foliation @ 50 DTCA, UC - diffuse, @ 70 DTCA, LC - diffuse, @ 55 DTCA; all Chloritized; all non-Mag Sample 22669: BLANK: <0.005 ppm Au, <0.2 ppm Ag, 24 ppm Cu, 7 ppm Pb, 27 ppm Zn		10	23				1		1					22667 22668 22670	56.0 56.6 58.0	56.6 58.0 59.0	0.6 1.4 1.0	2320 7460 67	18 22 3	99 72 72	0.3 1.8 <0.2	<0.005 0.007 <0.005
57.00	58.90			BIF	Alternating mm- up to 3 cm wide pale grey to dark grey/black (Mt-rich) laminations; laminations and rusty weathering Pyritic fractures @ 55-60 DTCA, other fractures @ 130-150 DTCA; also Py disseminations, stringers, veinlets along lamination margins; 15 cm long interval with lamination parallel oxidized Cpy veinlets; abundance of Py decreases downhole; Mag below 57.8 m; LC - in broken core, probably @ 60 DTCA							1		15				+++								
58.90	61.25			Intermediate Dyke	Medium brownish grey; fine- medium-grained; equigranular; weakly developed foliation @ 45 DTCA; pervasive Cc carbonatization; Chloritized; 2% disseminated Py; non-Mag; LC - sharp, marked by a Qtz-Cc-Chl veinlet, @ 50 DTCA	+++	+							2												
61.25	63.50			BIF	Continuation of (57.0-58.9 m); laminations @ 60 DTCA, locally @ 40 DTCA; some offsetting of laminations along Qtz-Cc - coated slip planes; fairly regular distribution of lamination parallel Py disseminations and stringers, some cross-cutting Py stringers; all strongly Magnetic except for lowermost 30 cm of interval (above dyke), this 30 cm interval has 10% Py disseminations, stringers, Chl, Gr-coated fractures; LC - in broken core	1	1		1					5		1		+++	22671	61.2	62.2	1.0	40	3	16	<0.2	<0.005
63.50	64.30			Mafic / Intermediate Dyke	Dark greenish grey; fine-grained; equigranular; 1% disseminated Py; Chl-Qtz - coated hairline fractures @ 55 DTCA; non-Mag; LC - sharp, intercalated with Chert, @ ~65 DTCA		3		3					1												

Main Unit		Sub-Unit		*Lithology*	*Description*	*Alteration Mineralogy*						*Ore Mineralogy*				*Other Min.*			*Assay Results*								
From (m)	To (m)	*From (m)*	*To (m)*			*Cc*	*Chl*	*Ep*	*Qtz*	*Fsp*	*Tc*	*Cpy*	*Gn*	*Py*	*Sph*	*Gr*	*Gt*	*Mt*	*Sample #*	*From (m)*	*To (m)*	*Width (m)*	*Cu (ppm)*	*Pb (ppm)*	*Zn (ppm)*	*Ag (ppm)*	*Au (ppm)*
64.30	65.15			BIF	Continuation and end of (61.25 - 63.5 m); laminations @ 55-65 DTCA; 15% Py as essentially lamination parallel disseminations, stringers, veinlets; LC - sharp, slightly irregular, marked by contact parallel Py veinlets @ 55 DTCA									15				+++									
65.15	90.00			Gt-Bearing Fe Formation	Alternating mm- to <5 mm wide dark grey to dark brownish black laminations; fine-grained; well developed lamination parallel foliation; laminations - foliation @ 55 DTCA; 5-10% 1-2 mm - sized Gt porphyroblasts essentially throughout; Chloritic, Chl-coated fractures; (65.15-69.0 m) - 10% Py as disseminations in up to 1 cm wide layers, stringers, occasional up to 1 cm wide semi-massive layers, all essentially parallel to foliation / laminations; all essentially Magnetic; magnetic susceptibility decreases wth increasing depth		10							10			10	+++									
		69.70	*69.20*	Syenite Dykelet	50% 2-6 mm - sized off-white to orange Fsp phenocrysts in a dark grey fine-grained Chloritic/Sericitic goundmass; UC - sharp, fairly regular, @ 60 DTCA, LC - sharp, fairly regular, @ 70 DTCA																					
90					End of Hole																						

GAR LTD.

Property Name:	Lucky Irish	Bearing:	165	Drilled By:	ORBIT-GARANT
Claim #:	3003775	Inclination:	-45	Reflex Test:	
DDH #:	MLI-04	Total Length (m):	81	(@ XXX m)	
UTM Easting:	543185 (NAD 83, Zone 17 T)	Core Size:	NQ	Start:	Nov. 20, 2014
UTM Northing:	5316190 (NAD 83, Zone 17 T)	Logged By:		Finish:	Nov. 21, 2014
Elevation (m):	317	Core Stored At:		Page:	1 of 3

Notes: DDH Planned to Intersect; XX boxes of core; Amph - amphibole, Bt - biotite, Cc - calcite, Chl - chlorite, Cpy - chalcopyrite, Ep - epidote, Fsp - feldspar, Gn - galena, Gt - garnet, Gr - graphite, Hem - hematite, Kspar - potassium feldspar, Mv - Muscovite; Mt - magnetite, Plag - plagioclase, Py - pyrite, Qtz - quartz, Ser - sericite, Sph - sphalerite; Talc - Tc; UM - ultramafic, MV - Mafic metavolcanic, Gt-MV - Gt-bearing mafic metavolcanic, IV - intermediate metavolcanic, FV - felsic metavolcanic, MD - mafic dyke, ID - intermediate dyke, FD - felsic dyke, IF - iron formation

Main Unit		Sub-Unit		*Lithology*	*Description*	*Alteration Mineralogy*						*Ore Mineralogy*				*Other Min.*			*Assay Results*								
From (m)	To (m)	*From (m)*	*To (m)*			*Cc*	*Chl*	*Ep*	*Qtz*	*Fsp*	*Tc*	*Cpy*	*Gn*	*Py*	*Sph*	*Gr*	*Gt*	*Mt*	*Sample #*	*From (m)*	*To (m)*	*Width (m)*	*Cu (ppm)*	*Pb (ppm)*	*Zn (ppm)*	*Ag (ppm)*	*Au (ppm)*
0.00	8.00			Overburden																						
8.00	36.80			Py Mineralization Zone in Chert - Argillite																						
		8.00	*9.10*	Gr-rich Chert Breccia	Mottled white and dark grey; mm-cm - sized generally angular dark grey Gr-rich Chert fragments in a white Qtz matrix; 5-10% disseminated Py essentially in Gr-rich Chert; trace disseminated Cpy-Gn in matrix; LC - in broken core; (8.0-8.25 m) - sheared Chert-Argillite, mostly < mm-mm - wide laminations, schistose, Sericitic, foliation @ 55 DTCA, 10-15% Py along foliation, mm-cm - scale folding, barren Qtz veinlets, 1-2 cm wide veins; all non-Mag				10			1	1	10		++			22672	8.0	9.1	1.1	264	373	67	<0.2	<0.005
		9.10	*12.00*	Py Mineralized Chert, Graphitic Chert, Argillite	Badly broken core, longest set of continuous core pieces is 15 cm; one 5 cm long piece of massive Py; one 15 and one 10 cm long intervals of massive Py core chips; other core pieces with up to at least 2 cm wide massive Py layers, Py also as lamination parallel stringers, veinlets, disseminations in layers; layering @ 45-65 DTCA; host rocks to Py consist of pale to dark grey mm - wide laminated Chert, Graphitic Chert, very dark brown foliated Argillite, a couple of up to 1.5 cm wide lamination parallel felsic dykelets; majority of core pieces are bound by Gr-coated fractures, veinlets; majority of host rock lithologies, including the felsic dykelets, are very well foliated/sheared; all non-Mag Sample 22675: STANDARD OREAS XXX: 0.013 ppm Au, 106 ppm Ag, 335 ppm Cu, 50800 ppm Pb, 112000 ppm Zn									20		+++			22673 22674	9.1 10.5	10.5 12.0	1.4 1.5	183 87	51 47	50 55	0.3 <0.2	<0.005 <0.005
		12.00	*13.90*	Py Mineralized Chert (Argillite)	Strongly sheared, well foliated; dismembered/pulled apart mm - <1 cm wide Chert, Argillite, Py laminations; foliation/laminations @ 70 DTCA in upper part of interval; (12.2-12.6 m) - badly broken core; (12.6-13.9 m) - mm-cm wide alternating laminations of strongly sheared Chloritic/Sericitic Chert and Py, Py also as stringers, veinlets, disseminations along foliation, Chl-coated fractures, foliation @ 40-45 DTCA, locally curves to 25 DTCA, one 15 cm long piece of remnant massive Chert with UC marked by a massive Py veinlet @ 75 DTCA; (13.85 m) - 5 cm wide mafic/intermediate dykelet, Pyritic/oxidized contacts; all non-Mag; LC - in broken core Sample 22677: BLANK: <0.005 ppm Au, <0.2 ppm Ag, 15 ppm Cu, 69 ppm Pb, 74 ppm Zn		++							35					22676 22678	12.0 13.1	13.1 14.0	1.1 0.9	102 145	624 733	301 3490	0.4 0.3	<0.005 <0.005

Main Unit		Sub-Unit		Lithology	Description	Alteration Mineralogy						Ore Mineralogy				Other Min.			Assay Results								
From (m)	To (m)	*From (m)*	*To (m)*			*Cc*	*Chl*	*Ep*	*Qtz*	*Fsp*	*Tc*	*Cpy*	*Gn*	*Py*	*Sph*	*Gr*	*Gt*	*Mt*	*Sample #*	*From (m)*	*To (m)*	*Width (m)*	*Cu (ppm)*	*Pb (ppm)*	*Zn (ppm)*	*Ag (ppm)*	*Au (ppm)*
		13.90	*16.60*	Gt-bearing Schist	Mottled pale to medium grey well foliated Qtz-Ser/Chl groundmass with 25% very pale grey Gt porphyroblasts; porphyroblasts are euhedral to anhedral, 1-3 mm in size, may form up to 60% of the rock in local cm-dm - long intervals; abundance of Gt decreases downhole in (16.0 - 16.6 m), sporadic clusters/layers; foliation @ 60 DTCA; rare Py-coated fractures (interval is essentially barren of sulphides); local 10-40 cm long intervals with Cc (+/-Qtz) coated irregular fractures, veinlets; all non-Mag; LC - gradational	2	++		1					1			25		22679 22680	14.0 15.4	15.4 16.7	1.4 1.3	21 42	92 71	846 382	<0.2 <0.2	<0.005 <0.005
		16.60	*18.50*	Sheared Fractured / Laminated Py-Gn-Sph - bearing Chert	(16.6-17.25 m) - sheared Chert, well developed foliation @ 50-65 DTCA, single piece of core @ 17.2 m with protomylonitic foliation @ 65 DTCA, foliation parallel Py stringers, veinlets, disseminations; (17.25-18.5 m) - laminated Chert, 0.5-2 cm wide alternating pale grey to dark grey laminations @ 60-70 DTCA, sheared - laminations have been pulled apart, Py stringers, disseminations along lamination margins, white Qtz fracture coatings, vuggy veinlets @ 0, 15, 155 DTCA, locally with Gn-Py-oxidized Py-Sph; all non-Mag; LC - in broken core				5				1	10	1				22681 22682 22707	16.7 17.2 17.8	17.2 17.8 18.5	0.5 0.6 0.7	83 44 55	333 5850 7720	368 172 440	<0.2 0.5 0.7	<0.005 <0.005 <0.005
		18.50	*25.00*	Semi-Massive - Massive Py Laminated Shear Zone	Alternating mm to 15 cm wide essentially massive Py laminations, layers and well foliated Qtz-Chl schist (probably derived from Chert, local massive remnant Chert in irregular masses, disrupted layers, inclusions), minor very dark brown Argillite laminations; Chl, locally Gr, coated fractures; massive Py always fractured/cataclastic, local zones with disseminated Py as well; scattered cm - wide foliated lamination parallel or cross-cutting felsic dykelets, may occur as cm - wide lenses in highly deformed zones; foliation/laminations @ 65 DTCA @ 18.9 m, @ 25 DTCA truncated by felsic dykelets @ 40 DTCA @ 21.25 m, @ 30 DTCA @ 22.4 m, @ 30 DTCA @ 24.0 m, @ 50 DTCA @ 24.8 m; all non-Mag; LC - in broken core									50					22683 22684 22685 22686 22687 22688 22708	18.5 19.5 20.5 21.5 22.5 23.5 24.5	19.5 20.5 21.5 22.5 23.5 24.5 25	1.0 1.0 1.0 1.0 1.0 1.0 0.5	383 156 2340 432 785 562 255	232 474 476 187 166 125 279	87 104 77 73 75 100 67	0.9 0.3 2.2 0.9 0.6 0.3 0.9	<0.005 <0.005 0.006 <0.005 <0.005 <0.005 <0.005
		25.00	*27.40*	BSF	Banded Sulphide Formation: Much less deformed continuation of (18.5-25.0 m); mm to 6 cm wide mostly massive Py layers intercalated with mm to 4 cm wide medium grey to very dark brown Chert laminations; margins of Py layers are very irregular, may also form anastomosing networks; laminations @ 45-65 DTCA, may have a 20 degree difference over a few cm, one zone with laminations @ 90 DTCA ; rare Chl- or Gr-coated fractures; one 4 cm, one 6 cm and one 5 cm wide lamination parallel to slightly cross-cutting medium olive green Felsic dykelets (as in 18.5-25.0 m); (25.0-25.5 m) - badly broken core, highly fractured Graphitic Chert, poorly laminated, <5% disseminated Py, some Py-coated fracures; all non-Mag; LC - sharp, marked by Gr-coated fracture/veinlet @ 30 DTCA		1							50		1			22689 22690 22691	25.0 25.5 26.6	25.5 26.6 27.4	0.5 1.1 0.8	88 144 113	653 1240 173	131 216 271	0.3 0.5 0.2	<0.005 <0.005 <0.005
		27.40	*28.20*	Argillite - Chert	Generally finely laminated; alternating very dark brown Argillite and medium to dark grey Chert laminations; laminations @ 50-60, locally @ 90, DTCA; Py stringers, veinlets, disseminations generally parallel to laminations but may be cross-cutting as well; Gr-coated fractures; one 1 cm wide lamination parallel medium grey Intermediate dykelet; all non-Mag; LC - sharp, irregular, one intercalation, offset by a slip plane									15		5			22692	27.4	28.3	0.9	132	359	398	<0.2	<0.005

Main Unit		Sub-Unit		Lithology	Description	Alteration Mineralogy						Ore Mineralogy				Other Min.			Assay Results								
From (m)	To (m)	*From (m)*	*To (m)*			*Cc*	*Chl*	*Ep*	*Qtz*	*Fsp*	*Tc*	*Cpy*	*Gn*	*Py*	*Sph*	*Gr*	*Gt*	*Mt*	*Sample #*	*From (m)*	*To (m)*	*Width (m)*	*Cu (ppm)*	*Pb (ppm)*	*Zn (ppm)*	*Ag (ppm)*	*Au (ppm)*
		28.20	*29.50*	Felsic Dyke	Mottled pale grey - medium grey; 20% 2-5 mm long pale grey, cloudy looking, Fsp/Qtz phenocrysts in a medium grey fine-grained groundmass; pervasive Cc carbonatization, several Cc-coated fractures; a few Chl-coated fractures; trace disseminated Py; one 9 cm long Argillite xenolith; non-Mag; LC - sharp, slightly irregular, @ 85 DTCA, partially offset by a slip plane	+++	1							1					22693	28.3	29.4	1.1	13	93	110	<0.2	<0.005
		29.50	*33.00*	BSF	Similar to (25.0-27.4 m); thickest Py-rich (semi-massive - massive) interval is 45 cm long; laminations @ 60-70 DTCA, range from 45-90 DTCA; local sheared and/or truncated laminations; lamination parallel Chl-coated fractures; one 15 cm long breccia interval - Py matrix; 5 medium olive green 2-20 cm wide Felsic dykelets, lamination parallel to cross - cutting; scattered Cc veinlets; all non-Mag; LC - in broken core Sample 22695: STANDARD OREAS XXX: 0.008 ppm Au, 103 ppm Ag, 339 ppm Cu, 49500 ppm Pb, 107500 ppm Zn	2	5							60					22694 22696 22697 22698	29.4 30.0 31.0 32.0	30.0 31.0 32.0 33.0	0.6 1.0 1.0 1.0	42 104 150 129	1750 153 436 803	251 487 426 545	0.3 0.4 0.4 0.5	<0.005 0.005 <0.005 0.006
		33.00	*34.40*	Py-rich Argillite - Chert Cataclastite	Extremely fractured dark grey to black Argillite - Chert; pervasive Py impregnations, cm - scale massive Py locally; upper 70 cm consists of badly broken core, Chl-coated core fragments; LC - badly broken core Sample 22701: BLANK: <0.005 ppm Au, <0.2 ppm Ag, 13 ppm Cu, 7 ppm Pb, 58 ppm Zn		5							50					22699 22700	33.0 33.7	33.7 34.5	0.7 0.8	1990 118	875 183	256 138	1.4 0.7	0.034 0.017
		34.40	*34.70*	Chert	Essentially massive; mixed pale greenish grey to medium green; highly fractured, some through going Gr-coated fractures; Py veinlets, up to 3 cm wide semi-massive layers; LC - in broken core, may be @ 60 DTCA									20		5										
		34.70	*36.80*	Intermediate Dyke	Mottled pale to medium grey - orange; 10% 1-3 mm sized pale grey to medium orange Fsp/Qtz phenocrysts in a medium grey very fine-grained groundmass; moderately developed foliation @ 60 DTCA; 5% very fine disseminated Py; one 3 cm wide (@ 35.23 m) and one 1.5 cm wide (@ 35.54 m) Py-rich xenolith laminations of strongly foliated Chert @ 75-80 DTCA ; Chloritized, Chl-coated fractures; non-Mag; LC - sharp @ 60 DTCA		++							5					22702 22703	34.5 35.3	35.3 36.7	0.8 1.4	132 3	218 20	177 86	0.2 <0.2	0.006 <0.005
36.80	40.00			BIF																						
		36.80	*38.00*	Py-Bearing Laminated BIF	Alternating pale to medium grey - medium green - dark grey mm- to 2 cm wide laminations; all Mag; lamination parallel and cross-cutting fractures; Py stringers, veinlets, disseminations essentially along lamination margins; laminations @ 65 DTCA, locally @ 45 DTCA; local mm - scale offsets; some Chl-coated fractures; LC - gradational		5							10					22704	36.7	38.0	1.3	51	59	129	<0.2	<0.005
		38.00	*39.15*	Py-rich Massive Laminated BIF, Argillite	Chert, some very dark brown Argillite; massive to poorly laminated; irregular distribution of semi-massive Py; some Gr-coated fractures; essentially non-Mag; LC - marked by a 3 cm wide lamination parallel barren Qtz vein @ 65 DTCA									35		5			22705	38.0	39.2	1.2	78	14	15	0.2	0.011
		39.15	*40.00*	BIF	Alternating <mm to 1.5 cm wide laminations; pale grey to very dark brown (Mt-rich); laminations @ 65-75 DTCA, locally curved, truncated, rotated through 90 degrees; Py stringers, veinlets, disseminations generally along lamination margins or restricted to specific laminations; LC - sharp, slightly irregular, Chl-coated, @ 65 DTCA									15				+++	22706	39.2	40.1	0.9	26	8	20	<0.2	<0.005
40.00	43.35			Intermediate Dyke	Mottled off-white - medium grey; fine-grained; equigranular; 3% very fine disseminated Py; pervasive Cc carbonatization; Cc/Qtz veinlets; LC - sharp, offset by cross-cutting slip plane, Py-bearing Chert xenolith above contact	+++								3												
43.35	55.40			BIF	Continuation of (39.15 - 40.0 m)																					

55.4	57.9			Intermediate Dyke	not logged in detail																							
57.9	81.0			Garnetiferous Sediments & BIF	not logged in detail - includes local felsic dykes and possible interlyered volcanic																							
81.0				End of Hole																								

GAR LTD.

Property Name:	Lucky Irish	Bearing:	165	Drilled By:	ORBIT-GARANT
Claim #:	3003775	Inclination:	-45	Reflex Test:	
DDH #:	MLI-05	Total Length (m):	129	(@ XXX m)	
UTM Easting:	543430 (NAD 83, Zone 17 T)	Core Size:	NQ	Start:	Nov. 21, 2014
UTM Northing:	5316283 (NAD 83, Zone 17 T)	Logged By:		Finish:	Nov. 23, 2014
Elevation (m):	314	Core Stored At:		Page:	1 of 3

Notes: DDH Planned to Intersect; XX boxes of core; Amph - amphibole, Bt - biotite, Cc - calcite, Chl - chlorite, Cpy - chalcopyrite, Ep - epidote, Fsp - feldspar, Gn - galena, Gt - garnet, Gr - graphite, Hem - hematite, Kspar - potassium feldspar, Mv - Muscovite; Mt - magnetite, Plag - plagioclase, Py - pyrite, Qtz - quartz, Ser - sericite, Sph - sphalerite; Talc - Tc; UM - ultramafic, MV - Mafic metavolcanic, Gt-MV - Gt-bearing mafic metavolcanic, IV - intermediate metavolcanic, FV - felsic metavolcanic, MD - mafic dyke, ID - intermediate dyke, FD - felsic dyke, IF - iron formation

Main Unit		Sub-Unit		*Lithology*	*Description*	*Alteration Mineralogy*						*Ore Mineralogy*				*Other Min.*			*Assay Results*								
From (m)	To (m)	*From (m)*	*To (m)*			*Cc*	*Chl*	*Ep*	*Qtz*	*Fsp*	*Tc*	*Cpy*	*Gn*	*Py*	*Sph*	*Gr*	*Gt*	*Mt*	*Sample #*	*From (m)*	*To (m)*	*Width (m)*	*Cu (ppm)*	*Pb (ppm)*	*Zn (ppm)*	*Ag (ppm)*	*Au (ppm)*
0.00	6.50			Overburden																						
6.50	58.88			Mafic Volcanics	Medium greenish grey; fine-grained; moderately fractured, Cc-coated fractures, veinlets, some Chl-coated fractures; local pervasive Cc carbonatization; Chloritized, local cm - scale zones with 5-10% Chl spots/shreds; some Qtz (+/- Cc) veinlets, one barren 2.5 cm wide vein; 2%, locally 5%, disseminated Py; non Mag; LC - gradational	10	++		5					2						22709	57.0	58.2	1.2	70	4	105	<0.2	<0.005
		58.20	*58.88*	Qtz-Cc Stockwork	Mottled medium green - white; fine- to medium-grained; 15 cm long interval of deformed probable mafic intrusive (contacts marked by Qtz veinlets); foliated - laminated @ 50-60 DTCA; <mm-cm - wide laminations consist of Qtz/Cc veinlets, green mafic volcanics (often brecciated, pulled apart), black Chl-rich layers; (58.7-58.88 m) - 2% disseminated Py, upper part of interval only trace Py; (58.9 - 58.98 m) - mafic intrusive dykelet, strong foliation @ 70 DTCA, UC - sharp @ 60 DTCA, LC - sharp @ 70 DTCA; all non-Mag; LC of interval sharp @ 60 DTCA	15	+++		20					2						22710	58.2	58.7	0.5	54	2	82	<0.2	<0.005
58.88	59.30			Chl Schist - Mafic Volcanics - Qtz-Cc Veins	Black Chl-rich schist containing a 5 cm long interval of mm - scale laminated Mafic Volcanics; foliation in schist varies from 40 to 30 DTCA downhole; 5% disseminated Py, 10 cm long interval with 40% Py; (58.9 - 58.98 m) - mafic intrusive dykelet, strong foliation @ 70 DTCA, 1% disseminated Py, UC - sharp @ 60 DTCA, LC - sharp @ 70 DTCA; all non-Mag; lowermost 10 cm of interval consists of cm wide Qtz-Cc veins @ 50-65 DTCA intercalated with Mafic Volcanics	5	+++		10					10						22711	58.7	59.3	0.6	46	48	109	<0.2	<0.005
59.30	61.50			Brecciated Mafic Volcanics Hyaloclastite	Pale- medium olive green (epidotized?); very fine-grained; highly fractured, random fractures - crackle breccia; local hyaloclastite, matrix supported mm-cm sized oval shaped fragments; local foliation / alignment of hyaloclastite fragments @ 55 DTCA; rare disseminated Py; deformation overprint - abundant through-going Chl-coated fractures @ 40-70 DTCA; all non-Mag; LC in broken core		+++	+						1						22712	59.3	60.4	1.1	4	4	112	<0.2	<0.005
																			22713	60.4	61.5	1.1	2	2	127	<0.2	<0.005

Main Unit		Sub-Unit		Lithology	Description	Alteration Mineralogy						Ore Mineralogy				Other Min.			Assay Results							
From (m)	To (m)	*From (m)*	*To (m)*			*Cc*	*Chl*	*Ep*	*Qtz*	*Fsp*	*Tc*	*Cpy*	*Gn*	*Py*	*Sph*	*Gr*	*Gt*	*Mt*	*Sample #*	*From (m)*	*To (m)*	*Width (m)*	*Cu (ppm)*	*Pb (ppm)*	*Zn (ppm)*	*Ag (ppm)*	*Au (ppm)*
61.50	67.00			Deformation / Fault Zone	Mostly badly broken core; Mafic Volcanics; fine-grained; highly fractured, Chl-coated fractures; before driller's block 63 - 6 cm long piece of core consisting of Qtz-Cc vein material with shreds of wall-rock material, 1% disseminated Py; after driller's block 63 - 30 cm long interval of broken core consisting of fault gouge and strongly deformed / fractured pieces of black Mafic Volcanics with up to 20% Py-rich layers, disseminations; (63.8 - 64.0 m) - mm-cm - scale brecciation / folding, 15% Py stringers, disseminations; (66.7 - 67.0) - fault gouge in Chert, some Qtz veins, Chl/Gr schist, Chl-Gr - coated fractures; all non-Mag; LC - in broken core Sample 22715: STANDARD OREAS XXX: <0.005 ppm Au, 59.9 ppm Ag, 482 ppm Cu, 36100 ppm Pb, 48600 ppm Zn	1	++++		1					5		1			22714 22716 22717 22718	61.5 63.0 64.5 66.0	63.0 64.5 66.0 67.0	1.5 1.5 1.5 1.0	3 11 5 154	10 54 12 86	127 202 119 69	<0.2 <0.2 <0.2 0.6	<0.005 <0.005 <0.005 <0.005
67.00	67.55			Qtz-Fsp Veined - Highly Fractured Chert	Very irregular intercalated cm wide barren grey Qtz - white Fsp veins and highly fractured pale grey to dark green (Chloritized, Graphitic) Chert; cm scale breccia in Chert with Py-rich matrix; disseminated Py, Py-Chl stringers - fracture fill, also in Chert; one Gn-Qtz veinlet that cross cuts the Qtz-Fsp veins; all non-Mag; LC - in broken core, underlying Chert has a sharp fairly regular core (fracture) surface @ 65 DTCA		++		30	30			1	15		++			22719	67.0	67.55	0.55	51	1040	197	<0.2	<0.005
67.55	70.75			Massive Py - Py>>>Gn=Sph Mineralized Chert	Pale to dark grey Chert; mm wide colour banding; moderately to highly fractured crackle breccia; dm - scale semi-massive - massive Py intervals with trace Gn - Cpy; dm - scale intervals with irregular networks of Py fracture fill, stringers, veinlets; Gn in Qtz veinlets; Sph in very fine fracture networks; Cpy in massive Py intervals; (67.55-67.95 m) - massive Py with abundant Chert xenoliths, Gn>Cpy as blebs generally along Py-Chert margins or in Qtz veinlets, underlain by a 10 cm long interval of Mafic Volcanics (intercalation) with UC in broken core and LC sharp, fairly regular, @ 60 DTCA; (67.95-69.4 m) - Chert, upper 25 cm of interval contains massive Py, highly fractured Chert with very fine network of Sph in hairline fractures, Gn/Sph/Cpy also in fractures/Qtz veinlets, stringers, irregular cm wide semi-massive Py layers, rest of interval consists of Chert with fairly evenly distributed networks of irregular Py stringers, veinlets, veins, breccia matrix, Gn in mm - wide Qtz veinlets, (68.4-68.6) - crackle breccia, Chert fragments roughly aligned @ 45 DTCA, very fine network of Sph fracture fill @ 68.45 m; (69.4-69.75 m) - irregular white Fsp (Qtz?) vein, broken core, UC - LC @ 150 DTCA, vein is barren but contains Py-rich xenoliths and has cross cut Gr-bearing Chert and massive Py, some Cpy in wall rock near vein margins, wispy Argillite veinlets in Chert @ 165-170 DTCA; (69.77 m) - broken core, Gr- Py-rich fault gouge (?, veinlet) @ 50 DTCA; (69.8-70.0 m) - set of Cpy-bearing Qtz veinlets @ 30 DTCA; (70.05-70.75 m) - 8 cm round mass of mixed Cc-Qtz underlain by 25 cm of Py breccia (mm-cm - sized subangular-subrounded Py, Chert, Argillite clasts in a fine-grained matrix, clast supported) underlain by 33 cm of laminated semi-massive Py and Argillte, laminations @ 20-25 DTCA, lowermost 15 cm of this interval is broken core - another Py-rich breccia, sharp irregular contact @ 75 DTCA @ 70.75 m; all non-Mag Sample 22722: BLANK: <0.005 ppm Au, <0.2 ppm Ag, 20 ppm Cu, 61 ppm Pb, 82 ppm Zn	1								40					22720 22721 22723 22724 22725 22726	67.55 67.95 68.5 69.0 69.4 70.0	67.95 68.5 69.0 69.4 70.0 70.8	0.4 0.55 0.5 0.4 0.6 0.8	6150 2200 239 874 8550 2260	29500 14950 2930 796 453 683	16600 3420 417 86 69 86	8.3 2.3 0.6 1.0 3.7 2.6	0.016 0.010 <0.005 <0.005 <0.005 <0.005

DDH MLI-05 (GAR LTD., LUCKY IRISH PROPERTY)

Main Unit		Sub-Unit		Lithology	Description	Alteration Mineralogy						Ore Mineralogy				Other Min.			Assay Results								
From (m)	To (m)	From (m)	To (m)			Cc	Chl	Ep	Qtz	Fsp	Tc	Cpy	Gn	Py	Sph	Gr	Gt	Mt	Sample #	From (m)	To (m)	Width (m)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Au (ppm)
70.75	71.90			Chert	Dark grey; moderately fractured to brecciated, breccia with Chl matrix; scattered cm - scale irregular Argillite intercalations, breccia clasts; cross-cutting Qtz stringers, veinlets, some zones of Cc stringers, veinlets; some Py stringers, up to 2.5 cm wide irregular semi-massive layers; Cpy bleb in Fsp-Qtz veinlet @ 71.24 m; all non-Mag; LC - abrupt change to Magnetic BIF	2			3	3		1		5					22727	70.8	71.3	0.5	2440	3230	30	2.0	<0.005
71.90	74.00			BIF	Alternating mm- up to 3 cm wide medium to dark grey, pale to medium green, dark brown laminations; laminations generally @ 65-75 DTCA; cross-cutting fractures; local dm - scale brecciation; Mt-rich laminations associated with Ep/Chl; some truncation of laminations		++	++										+++	22728	71.3	72.3	1.0	212	161	37	0.4	<0.005
74.0	125.2			Garnetiferous Sediments & BIF	not logged in detail																							
125.9	129.0			Volcaniclastic Rocks - Felsic	not logged in detail - includes interlayered sediments																							
129.0					End of Hole																							

GAR LTD.

Property Name:	Lucky Irish	Bearing:	165	Drilled By:	ORBIT-GARANT
Claim #:	3003775	Inclination:	-45	Reflex Test:	
DDH #:	MLI-06	Total Length (m):	138	(@ XXX m)	
UTM Easting:	543493 (NAD 83, Zone 17 T)	Core Size:	NQ	Start:	Nov. 24, 2014
UTM Northing:	5316309 (NAD 83, Zone 17 T)	Logged By:	John Rapski	Finish:	Nov. 25, 2014
Elevation (m):	312	Core Stored At:		Page:	1 of 1

Notes: DDH Planned to Intersect; XX boxes of core; Amph - amphibole, Bt - biotite, Cc - calcite, Chl - chlorite, Cpy - chalcopyrite, Ep - epidote, Fsp - feldspar, Gn - galena, Gt - garnet, Gr - graphite, Hem - hematite, Kspar - potassium feldspar, Mv - Muscovite; Mt - magnetite, Plag - plagioclase, Py - pyrite, Qtz - quartz, Ser - sericite, Sph - sphalerite; Talc - Tc; UM - ultramafic, MV - Mafic metavolcanic, Gt-MV - Gt-bearing mafic metavolcanic, IV - intermediate metavolcanic, FV - felsic metavolcanic, MD - mafic dyke, ID - intermediate dyke, FD - felsic dyke, IF - iron formation

Main Unit		Sub-Unit		*Lithology*	*Description*	*Alteration Mineralogy*						*Ore Mineralogy*				*Other Min.*			*Assay Results*								
From (m)	To (m)	*From (m)*	*To (m)*			*Cc*	*Chl*	*Ep*	*Qtz*	*Fsp*	*Tc*	*Cpy*	*Gn*	*Py*	*Sph*	*Gr*	*Gt*	*Mt*	*Sample #*	*From (m)*	*To (m)*	*Width (m)*	*Cu (ppm)*	*Pb (ppm)*	*Zn (ppm)*	*Ag (ppm)*	*Au (ppm)*
0	138			Diabase Dyke	Mafic dyke, not logged in detail.																						

GAR LTD.

Property Name:	Lucky Irish	Bearing:	165	Drilled By:	ORBIT-GARANT
Claim #:	3003775	Inclination:	-72	Reflex Test:	
DDH #:	MLI-07	Total Length (m):	123	(@ XXX m)	
UTM Easting:	543493 (NAD 83, Zone 17 T)	Core Size:	NQ	Start:	Nov. 26, 2014
UTM Northing:	5316309 (NAD 83, Zone 17 T)	Logged By:	John Rapski	Finish:	Nov. 27, 2014
Elevation (m):	312	Core Stored At:		Page:	1 of 1

Notes: DDH Planned to Intersect; XX boxes of core; Amph - amphibole, Bt - biotite, Cc - calcite, Chl - chlorite, Cpy - chalcopyrite, Ep - epidote, Fsp - feldspar, Gn - galena, Gt - garnet, Gr - graphite, Hem - hematite, Kspar - potassium feldspar, Mv - Muscovite; Mt - magnetite, Plag - plagioclase, Py - pyrite, Qtz - quartz, Ser - sericite, Sph - sphalerite; Talc - Tc; UM - ultramafic, MV - Mafic metavolcanic, Gt-MV - Gt-bearing mafic metavolcanic, IV - intermediate metavolcanic, FV - felsic metavolcanic, MD - mafic dyke, ID - intermediate dyke, FD - felsic dyke, IF - iron formation

Main Unit		Sub-Unit		*Lithology*	*Description*	*Alteration Mineralogy*						*Ore Mineralogy*				*Other Min.*			*Assay Results*								
From (m)	To (m)	*From (m)*	*To (m)*			*Cc*	*Chl*	*Ep*	*Qtz*	*Fsp*	*Tc*	*Cpy*	*Gn*	*Py*	*Sph*	*Gr*	*Gt*	*Mt*	*Sample #*	*From (m)*	*To (m)*	*Width (m)*	*Cu (ppm)*	*Pb (ppm)*	*Zn (ppm)*	*Ag (ppm)*	*Au (ppm)*
0	123			Diabase Dyke	Mafic dyke, not logged in detail.																						

GAR LTD.

Property Name:	Lucky Irish	Bearing:	165	Drilled By:	ORBIT-GARANT
Claim #:	3003775	Inclination:	-45	Reflex Test:	
DDH #:	MLI-08	Total Length (m):	99	(@ XXX m)	
UTM Easting:	543032 (NAD 83, Zone 17 T)	Core Size:	NQ	Start:	Nov. 28, 2014
UTM Northing:	5316194 (NAD 83, Zone 17 T)	Logged By:		Finish:	Nov. 29, 2014
Elevation (m):	314	Core Stored At:		Page:	1 of 4

Notes: DDH Planned to Intersect; XX boxes of core; Amph - amphibole, Bt - biotite, Cc - calcite, Chl - chlorite, Cpy - chalcopyrite, Ep - epidote, Fsp - feldspar, Gn - galena, Gt - garnet, Gr - graphite, Hem - hematite, Kspar - potassium feldspar, Mv - muscovite; Mt - magnetite, Plag - plagioclase, Py - pyrite, Qtz - quartz, Ser - sericite, Sph - sphalerite; Talc - Tc; UM - ultramafic, MV - Mafic metavolcanic, Gt-MV - Gt-bearing mafic metavolcanic, IV - intermediate metavolcanic, FV - felsic metavolcanic, MD - mafic dyke, ID - intermediate dyke, FD - felsic dyke, IF - iron formation

Main Unit		Sub-Unit		*Lithology*	*Description*	*Alteration Mineralogy*						*Ore Mineralogy*				*Other Min.*			*Assay Results*								
From (m)	To (m)	*From (m)*	*To (m)*			*Cc*	*Chl*	*Ep*	*Qtz*	*Fsp*	*Tc*	*Cpy*	*Gn*	*Py*	*Sph*	*Gr*	*Gt*	*Mt*	*Sample #*	*From (m)*	*To (m)*	*Width (m)*	*Cu (ppm)*	*Pb (ppm)*	*Zn (ppm)*	*Ag (ppm)*	*Au (ppm)*
0.00	18.00			Overburden																							
18.00	22.00			Mafic Volcanic	Strongly carbonated																						
22.00	25.70			Interflow Sediments	Strongly deformed, graphitic, chloritic																						
25.70	45.70			Sediments	Strongly layered sediment or volcaniclastic rocks, 50 to 55 deg to C/A																						
45.70	46.10			Felsic Volcaniclastics (Siltstone, Argillite)	Pale to medium olive green irregular mm- up to 2 cm wide Sericitized laminations, some with irregular terminations; moderately to well foliated, foliation / laminations @ 45-55 DTCA; some mm- up to 1.5 cm wide medium grey Siltstone - black Argillite intercalations, often offset by slip planes; trace disseminated Py; some barren Cc veinlets; non-Mag; LC - sharp, irregular, @ 60 DTCA, offsets, brecciation	7								1													
46.10	48.70			Felsic Volcanics - Cc Stockwork	Pale to medium olive green; Sericitized; fine- grained, locally medium-grained due to pervasive Cc ; pervasive Cc carbonatization throughout; local mm - scale rosette / plumose textures; fractured / brecciated with Cc (locally Chl-rich) fracture fill / matrix with disseminated Py (wall rock essentially barren); non-Magnetic; LC - sharp @ 50 DTCA	30	1							3						22729	48.0	48.7	0.0	194	8	101	<0.2	<0.005
48.70	49.00			Qtz Vein - Argillite	Irregular mm -cm scale mixture of fractured pale grey Qtz (with some very pale pink Fsp), black Argillite and irregular Gr; some remnant Felsic Volcanic intercalations / wall rock slivers; 5-10% (locally 30%) disseminated Py in the Argillite and wall rock slivers; 1% disseminated Cpy in the Qtz; some through-going Gr veinlets; non-Mag; LC - sharp, slightly irregular, @ 30 DTCA				40	5		1		10					22730	48.7	49.0	0.3	962	22	105	0.3	0.012
49.00	52.20			Felsic Volcaniclastics	Pale- medium olive green; very fine- fine-grained; fine (<mm - mm scale) and more coarse (mm-cm - scale) laminations; laminations @ 40-0 DTCA, mostly @ 20 DTCA, local cm-dm - scale folding; well developed lamination parallel foliation; local mm-cm - scale black Argillite intercalations; Sericitized; 3% disseminated Py; rare Cpy in Qtz veinlets; moderately fractured, Qtz stringers, veinlets; rare Gr-coated fractures; non-Mag; LC - sharp, marked by an at least 2 mm wide Gr-coated fracture, @ 40 DTCA				5					3			1			22731 22732	49.0 50.6	50.6 52.2	1.6 1.6	345 133	6 3	134 142	<0.2 <0.2	<0.005 <0.005

52.20	55.10			Py-rich Argillite (in part Breccia)	Dark brown; fine-grained; well foliated, foliation @ 20-55 DTCA, locally @ 0 DTCA, local intense mm-cm - scale folding; Gr-coated foliation planes, also cross-cutting Gr-coated fractures; Py as disseminations along foliation, foliation parallel stringers, up to 1.5 cm wide veins, one at least 10 cm long interval of massive Py; Py also in local breccia in up to 5 cm - sized subrounded clasts; non-Mag; LC - in broken core, dismembered Argillite in zone of Qtz veining/flooding, some Cpy in Qtz Sample 22735: STANDARD OREAS XXX: -- ppm Au, >100 ppm Ag, 1390 ppm Cu, >10000 ppm Pb, >10000 ppm Zn				5			1		20		10			22733 22734 22736 22737	52.2 53.0 53.9 54.6	53.0 53.9 54.6 55.1	0.8 0.9 0.7 0.5	310 624 423 763	44 33 63 30	246 205 446 248	0.3 0.4 0.7 0.4	0.028 0.020 0.030 0.017

Main Unit		Sub-Unit		*Lithology*	*Description*	*Alteration Mineralogy*						*Ore Mineralogy*				*Other Min.*			*Assay Results*									
From (m)	To (m)	*From (m)*	*To (m)*			*Cc*	*Chl*	*Ep*	*Qtz*	*Fsp*	*Tc*	*Cpy*	*Gn*	*Py*	*Sph*	*Gr*	*Gt*	*Mt*	*Sample #*	*From (m)*	*To (m)*	*Width (m)*	*Cu (ppm)*	*Pb (ppm)*	*Zn (ppm)*	*Ag (ppm)*	*Au (ppm)*
55.10	57.50			Felsic Volcaniclastics	Continuation of (49.0-52.2 m); highly fractured, local fractured crackle breccia; fractures / foliation / local Qtz veining @ 40-55 DTCA; 3-5%, locally 10%, disseminated Py essentially in Qtz fractures; (55.3-55.6 m) - zone of Qtz flooding, 1% disseminated Cpy, 5% disseminated Py; non-Mag; LC - sharp, irregular wavy, @ 70 DTCA				15			1		5					22738 22739	55.1 56.3	56.3 57.5	1.2 1.2	872 777	10 3	151 122	0.2 0.2	<0.005 <0.005
57.50	59.10			Gr-Py - rich Laminated Siltstone / Argillite	Pale to dark grey / black mm - wide laminations; very fine - to fine-grained; laminations @ 25-55 DTCA; locally massive, locally well foliated; 5-20% disseminated Py throughout, also mm - scale Py - rich laminations; irregular Gr - rich laminations, also Gr-coated cross - cutting fractures; non-Mag; LC - sharp, slightly irregular, @ 30 DTCA				5					15		+++			22740	57.5	59.1	1.6	379	15	163	0.2	0.007
59.10	61.85			Felsic / Intermediate Dyke - Siltstone / Argillite / Chert Intercalations	Medium grey; fine-grained; massive, highly fractured; pervasive Chloritization, Chl-coated fractures, also Qtz-coated fractures; equigranular; 3-5% disseminated Py; (59.5-59.7 m) - 1.5 cm wide Qtz vein @ 15 DTCA, some Cpy; locally silicified; all non-Mag; LC - sharp, irregular, some Qtz veining, @ ~50 DTCA		10		5			1		5					22741 22742 22743	59.1 60.0 60.3	60.0 60.3 61.8	0.9 0.3 1.5	204 371 19	6 33 5	87 176 63	<0.2 0.3 <0.2	<0.005 0.015 <0.005
		59.20	*59.40*	Laminated Siltstone - Argillite	Badly broken core; pale grey to dark grey mm - wide laminations; laminations @ 35 DTCA; 15% disseminated Py, also mm - wide semi-massive Py-rich laminations; Gr-coated fractures									15		++											
		60.00	*60.35*	Py-rich Graphitic Chert	Three pieces of broken core; Graphitic Chert with Qtz veining; Gr-coated fractures; 1st piece of core with 3% disseminated Py; 2nd piece of core with 5-20% disseminated Py; 3rd piece of core with semi-massive and massive Py; non-Mag; LC - fairly sharp @ 30 DTCA				15					45		++											
61.85	63.20			Graphitic Chert	Mostly badly broken core; Gr-coated core pieces; highly fractured Chert, Gr-coated fractures; 5% disseminated Py; local mm - scale laminations @ 20 DTCA; non-Mag; LC - in broken core, may be @ 60 DTCA									5		++			22744	61.8	63.2	1.4	1030	65	437	0.3	<0.005
		62.15	*62.35*	Felsic / Intermediate Dyke	Similar to (59.1-61.85 m); 5% disseminated Py; non-Mag; UC, LC - sharp, slightly curved, @ 20 DTCA, Gr-coated contacts, contact parallel Qtz veining				10					5		+											
63.20	64.70			Felsic Dyke	Medium grey; locally porphyritic with 15% 2-3 mm - sized pale grey to white Qtz/Fsp phenocrysts in a fine-grained groundmass; highly fractured, Chl-coated fractures, moderately sheared; 5% very fine disseminated Py; non-Mag; LC - in broken core, may be @ 70 DTCA		10							5					22745	63.2	64.7	1.5	65	5	49	<0.2	<0.005

64.70	66.00			Py-Gr - rich Argillite - Chert	Mostly very dark brown fine-grained, foliated - mm - scale laminated, Argillite; local irregular cm - scale Chert intercalations; Graphitic Argillite, Gr-coated fractures; most Argillite with mm-cm -scale folding, laminations vary from 20-90 DTCA; Py as stringers, in up to 2 cm wide irregular semi-massive layers, disseminations along foliation / lamination margins; non-Mag; LC - in broken core									20		++			22746	64.7	66.0	1.3	1020	26	202	0.3	<0.005
66.00	66.60			Felsic Dyke	Mottled pale orange - pale grey; 35% 2-3 mm -sized pale grey to pale orange Qtz/Fsp phenocrysts in a pale grey fine-grained groundmass; 2-3% disseminated Py; Chloritized, also through-going Chl-coated fractures; non-Mag; LC - in broken core		10							2					22747	66.0	66.6	0.6	1010	8	55	<0.2	<0.005

DDH MLI-08 (GAR LTD., LUCKY IRISH PROPERTY)

Main Unit		Sub-Unit		*Lithology*	*Description*	*Alteration Mineralogy*						*Ore Mineralogy*				*Other Min.*			*Assay Results*								
From (m)	To (m)	*From (m)*	*To (m)*			*Cc*	*Chl*	*Ep*	*Qtz*	*Fsp*	*Tc*	*Cpy*	*Gn*	*Py*	*Sph*	*Gr*	*Gt*	*Mt*	*Sample #*	*From (m)*	*To (m)*	*Width (m)*	*Cu (ppm)*	*Pb (ppm)*	*Zn (ppm)*	*Ag (ppm)*	*Au (ppm)*
66.60	69.80			Py-rich Argillite - Chert	Very dark brown, local mm - wide pale to medium grey Graphitic Chert and brown Graphitic Argillite laminations, laminations @ 65 DTCA; Gr-coated fractures; Py in stringers, disseminations along lamination margins or as regular to irregular mm- up to 1.5 cm wide layers, locally semi-massive - massive over 10-40 cm; Qtz veinlets, fracture fill, with rare Cpy; rare Cpy veinlets; laminations, Py stringers, linear Py aggregates / layers vary from 0-80 DTCA, local mm-cm - scale folding; (68.2-68.4, 68.8-69.0 m) - badly broken core, sand, gravel core chips; (69.0-69.8 m) - abundance of Chert increases relative to Argillite, laminations are also wider - cm - scale; non-Mag; LC - fairly abrupt over 5 cm but masked by cm - scale Py veins / aggregates Sample 22750: BLANK: <0.005 ppm Au, <0.2 ppm Ag, 16 ppm Cu, 6 ppm Pb, 27 ppm Zn				5			1		40		+++			22748 22749 R345001 R345002	66.6 67.2 68.2 69.0	67.2 68.2 69.0 69.8	0.6 1.0 0.8 0.8	1190 2000 3640 725	29 34 195 51	168 236 228 157	0.2 0.6 0.8 0.2	<0.005 <0.005 <0.005 <0.005
69.80	71.70			Chert - Massive Py	Roughly 50% Chert, 50% massive Py; Chert - pale grey (almost white) to dark grey, cm - scale laminations / colour banding / irregular Py stringers - veins @ 50-70 DTCA, moderately fractured (lamination parallel and cross-cutting), some Chl-coated fractures, lamination coatings; Py in mm-cm -wide fairly regular to irregular essentially massive layers, also cm-dm - scale irregular masses / networks, one 25 cm and one 50 cm long intervals of massive cataclastic Py Sample R345006: STANDARD OREAS XXX: NSS Au, 58.1 ppm Ag, 490 ppm Cu, >10000 ppm Pb (NSS), >10000 ppm Zn (NSS)		5							50					R345003 R345004 R345005	69.8 70.3 71.0	70.3 71.0 71.7	0.5 0.7 0.7	523 212 140	60 140 253	53 50 86	0.9 1.1 0.2	0.007 0.007 <0.005
71.70	74.80			Massive Py - Chert	Massive Py, ranges from cm - wide irregular lamination parallel veins / aggregates / networks to one 3.1 m long interval; Py is highly fractured / clastite / clast supported breccia (local crackle breccia); 1.2 m long interval with fairly regular parallel fractures @30-35 DTCA, locally cross-cut by fractures @ 50 DTCA, some fractures @ 0-20 DTCA; local cm - scale remnant Chert xenoliths; some dark brown Argillite in lower part of interval; non-Mag; LC - broken core, placed at end of 3.1 m long massive Py interval and appearance of abundant Argillite units									85					R345007 R345008 R345009	71.7 73.0 74.0	73.0 74.0 74.8	1.3 1.0 0.8	133 77 125	266 165 188	62 63 68	0.9 0.7 0.9	0.006 0.007 0.008

74.80	75.40			Intercalated Massive Py - Argillite	Uneven distribution of irregular mm-cm - wide laminations of very dark brown Argillite and massive (semi-massive) Py; laminations @ 50-70 DTCA; one 20 cm long interval of near massive Py; one 3 cm wide Chert intercalation; Gr-coated fractures; non-Mag; LC - gradational, irregular, @ ~45 DTCA, offset by fracture @ 0 DTCA that runs throughout entire length of interval									60		+			R345010	74.8	75.3	0.5	97	120	61	0.7	<0.005
75.40	82.90			Py>>>Sph>Gn>Cpy Mineralized Zone in Chert	Chert; pale grey (locally almost white) to dark grey, mm- up to 10 cm wide laminations / colour banding, @ 40-60 DTCA, highly fractured - generally criss-crossing fracture sets, local Chl-coated fractures, zones of Chloritization; local cm - wide mud seams; Py in irregular veinlets, up to 1.5 cm wide veins, irregular cm - sized aggregates, one 40 cm long essentially massive Py interval; Sph in mm - cm -wide very fine fracture networks; Gn in Qtz fracture fill / veinlets, also as mm - wide layers in mud seams; all non-Mag; LC - irregular, numerous offsets along slip planes, @ 130 DTCA, marked by a Fsp veinlet		5		5				2	20	5												

Main Unit		Sub-Unit		*Lithology*	*Description*	*Alteration Mineralogy*						*Ore Mineralogy*				*Other Min.*			*Assay Results*								
From (m)	To (m)	*From (m)*	*To (m)*			*Cc*	*Chl*	*Ep*	*Qtz*	*Fsp*	*Tc*	*Cpy*	*Gn*	*Py*	*Sph*	*Gr*	*Gt*	*Mt*	*Sample #*	*From (m)*	*To (m)*	*Width (m)*	*Cu (ppm)*	*Pb (ppm)*	*Zn (ppm)*	*Ag (ppm)*	*Au (ppm)*
		75.40	*76.10*	Py-Chl - rich Breccia	Mm- up to 3 cm wide mostly irregular intercalations of pale grey Chert and dark green Chl-rich Argillite; laminations @ 50-70 DTCA; highly fractured, moderately brecciated, white Qtz and/or Py mm - scale fracture fill / matrix; trace Gn>Cpy in Qtz @ 75.4 m; upper 15 cm is Py-rich, mm- up to 2 cm - wide essentially massive Py layers @ 65-70 DTCA		25		15			1	2	20					R345011	75.3	76.2	0.9	1020	8790	28300	2.9	<0.005
		76.10	*79.10*	Sph-rich (+Gn, Cpy) Interval in Chert	Pale (almost white) grey to locally dark grey Chert; cm - wide laminations / colour banding / local fracture sets @ 40-75 DTCA; Qtz and/or Fsp stringers, veinlets, some cm - wide Qtz veins, may be vuggy; Sph occurs in cm-dm - wide bands as very fine fracture fill (horsetail fracturing); Sph-rich bands are essentially parallel to laminations; scattered Gn, occurs essentially as disseminations in Qtz/Fsp fractures, veinlets; Py stringers, irregular cm - scale aggregates; (76.45-76.6 m) - semi-massive Py with Gn, also Gn-coated fractures; (76.6-77.0 m) - essentially massive Py, includes 10 cm long pod of Chert / massive Qtz with fine Sph; (77.4-77.6 m) - irregular massive Py pod with abundant fine disseminated Gn, Sph, Cpy, and subrounded Chert clasts				10			1	3	15	10				R345012 R345013 R345014	76.2 76.9 78.0	76.9 78.0 79.1	0.7 1.1 1.1	1450 68 663	10100 2290 8080	13200 191 6210	2.3 0.6 1.1	<0.005 <0.005 <0.005
		79.10	*80.10*	Gn>Cpy in Chert	Gn, Cpy as disseminations in fractures; Py as disseminations in fractures, also as irregular stringers; (79.1-79.3)- Gn-Py-Cpy - coated fractures in highly fractured / brecciated Chert; set of Fsp-Qtz veinlets @ 150-155 DTCA with Py, rare Cpy				5	5		1	3	5					R345015	79.1	80.1	1.0	685	4820	140	0.7	<0.005
		80.10	*81.40*	Deformation - Qtz Veining Zone	Mostly sheared / fractured Chert; scattered 1-4 cm - wide Qtz veins; (80.1-80.2 m) - massive Py vein @ 40 DTCA; (80.4-80.65 m) - intercalated mm-cm - wide Qtz/Fsp veinlets, veins and irregular essentially massive Py stringers, veinlets, 2 cm wide vein, generally @ 55 DTCA; (80.65-80.77 m) - mud seam @ 70 DTCA, includes a 5 mm wide massive Gn layer and up to 2 cm wide Py veinlets, veins, also disseminated Py, also pervasive Cc; (80.9-81.4 m) - shear zone, mm-cm - wide Chl-rich laminations, Py veinlets, one 10 cm wide nearly massive Py vein, Qtz veinlets, one 6 cm wide Qtz vein, lowermost 25 cm of interval is Qtz vein rich, all @ 40-45 DTCA	2	15		20				3	20					R345016 R345017 R345018	80.1 80.4 80.9	80.4 80.9 81.4	0.3 0.5 0.5	2940 4950 282	1655 9070 959	761 2490 363	2.9 3.4 2.0	0.026 0.014 0.028

		81.40	*82.50*	Gn-rich Interval	(81.4-81.6 m) - laminated Chert, laminations @ 50 DTCA, mostly lamination parallel Py stringers with some Gn, (81.6-81.9 m) - mm wide Chert (vein Qtz?) laminations with <1-2 mm wide Gn laminations / fracture coatings, laminations @ 55 and 80 DTCA, white-grey powdery alteration of Gn; (82.3-82.4 m) - highly fractured Chert, abundant (nearly semi-massive) Gn-Py; (82.5) - 3 cm wide Py-rich mud seam @ 70 DTCA Sample R345021: BLANK: <0.005 ppm Au, <0.2 ppm Ag, 17 ppm Cu, 59 ppm Pb, 32 ppm Zn				5				5	15					R345019 R345020	81.4 82.0	82.0 82.6	0.6 0.6	287 240	1235 27100	202 658	0.5 1.8	0.005 0.010
		82.50	*82.90*	Sheared Chert	Strongly sheared; abundant <mm-mm spaced fractures resulting in <mm-mm wide laminations; fractures / foliation @ 70 DTCA; numerous late fractures at 0-45 DTCA resulting in numerous mm - scale offsets									2																
82.90	96.30			Laminated Chert	Pale to dark grey, bluish tint; mm-cm - wide laminations, occasional 10 cm wide laminations; laminations @ 70-80 DTCA; local dm - wide lamination parallel intervals of highly strained / brecciated rock; scattered cm long intervals with Py-coated irregular fracture networks, Py stringers, disseminated Py restricted to certain laminations; non-Mag									5					R345022 R345023	82.6 83.1	83.1 84.1	0.5 1.0	6 2290	20 131	213 149	<0.2 0.9	<0.005 0.028
96.3	99			BIF	Weakly magnetic																											
99					End of Hole																											

Appendix C: Drillhole Sections

Please see attached pages.

Interpreted Stratigraphy

Unit	Code	Description
Mafic Volcanics	MV	Mafic (to intermediate?) volcanics. Dark grey and variably magnetic. Chloritzed, epidote-calcite rich patches and quartz-carbonate veinlets.
	qbrMV	Barren quartz, rare calcite and local felspar. Mafic volcanic xenoliths with 1-2 % disseminated pyrite. Appears below mafic volcanic unit and above the mafic volcanic unit.
	uMV	Narrow talc-serpentine altered ultramafic volcanics with 1-2 % disseminated pyrite. Can have locally up to 50% quartz-carbonate inclusions/ stockwocks. Underlying the mafiv volcanic unit.
Chert-Argillite	CRT	Lucky Irish Horizon. Grey to dark grey chert, laminated. Some Argillite lenses or layers ar ecommon. Can be variably fractured, folded, brecciated, and appear cataclastic. Diseminated pyrite is common, and can contain semi-massive to massive sulphide horizons. Pyrite is the most common, with areas of lesser amounts of galena and sphalerite.
	msCRT	Sub-type restricted to use of massive to semi-massive sulphide horizons. Mineralized Lucky Irish Zone within the Lucky Irish Horizon.
	brCRT	Subtype restricted to brecciated chert-argillite
	grCRT	Code for graphitic, variably sheared cherty unit.
BIF	BIF	Banded Iron Formation. mm-2cm laminations. Laminated pale grey to black and pale green to medium green. Chloritic fractures. Magnetite in laminations common. Common quartz-feldspar stringers. Some sections can be pyrite rich (<20%). Garnet porphyroblasts can occur.
	gtBIF	BIF with garnet porphyroblasts
Volcaniclastics-Sediments	VCS	Irregular intermediate to felsic volcaniclastics rocks. Laminated. Can include cherty horizons. Feldspar phenocrysts, can be garnet rich and variably metamorphosed. Cut be variable narrow felsic dykes (<30%). Can be sheared and highly deformed with epidote-chlorite-sericite alteration, can be folded.
	hsVCS	Used for highly deformed volcaniclastic sediments

Intrusive Dykes

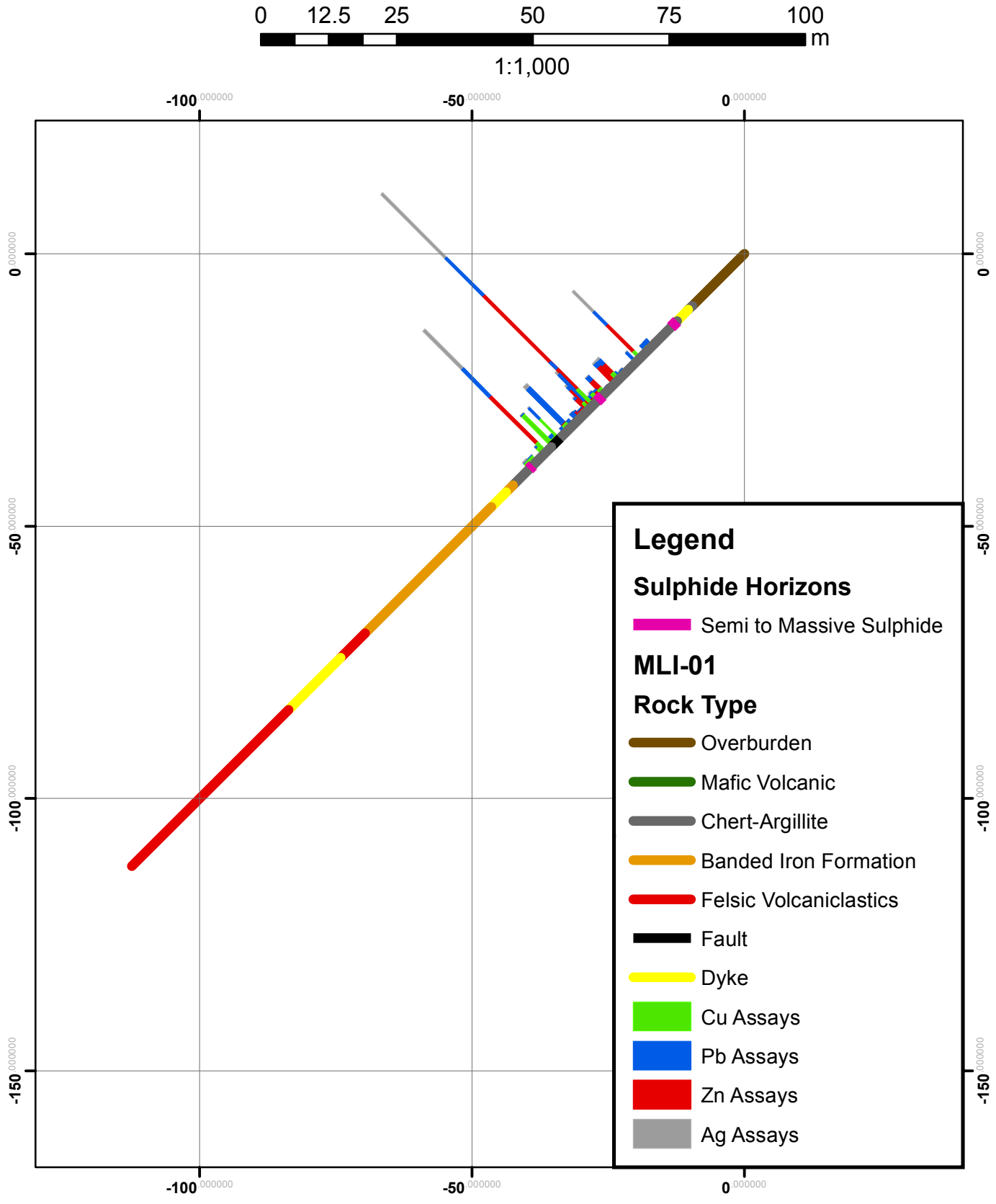
Dykes	FD	Pale grey, mottled, quartz and felspar phenocrysts. Calcite coated fractures.
	ID	Porphyritic with quartz and feldspar phenocrysts. 1% disseminated pyrite.
	MD	Heterogeneous, chloritic rich, chert inclusions. Locally massive pyrite with chalcopyrite mineralization.
	D	Diabase dykes, regional scale seen in MLI-06 and MLI-07.

Structures

Fault	FLT	Graphitic rich coated fractures with mud seams. Minor quartz veins.

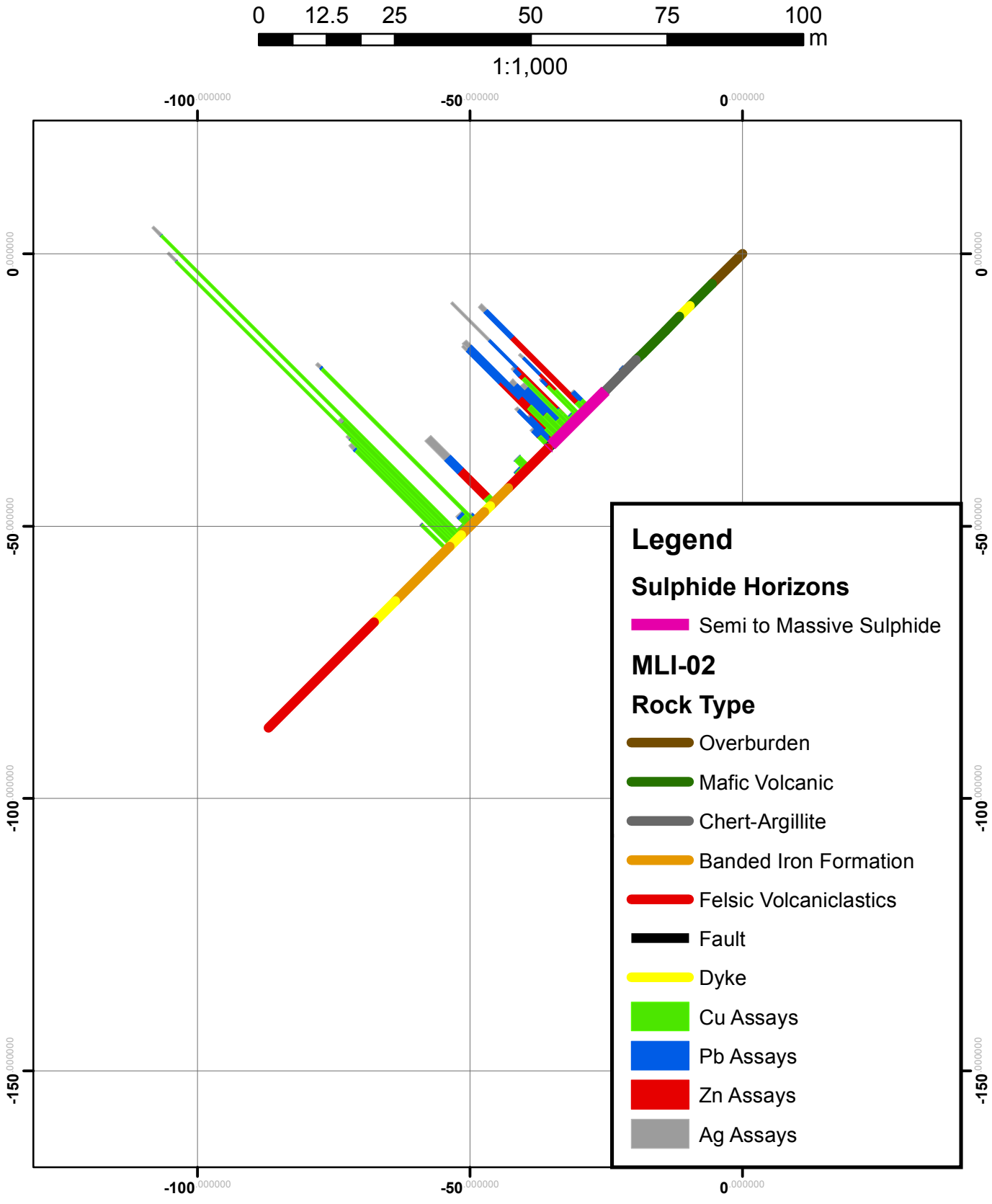
Hole: MLI-01
Easting: 543114
Northing: 5316185
Elevation: 316
Azimuth: 165
Inclination: -45

Section: Looking W 15 S



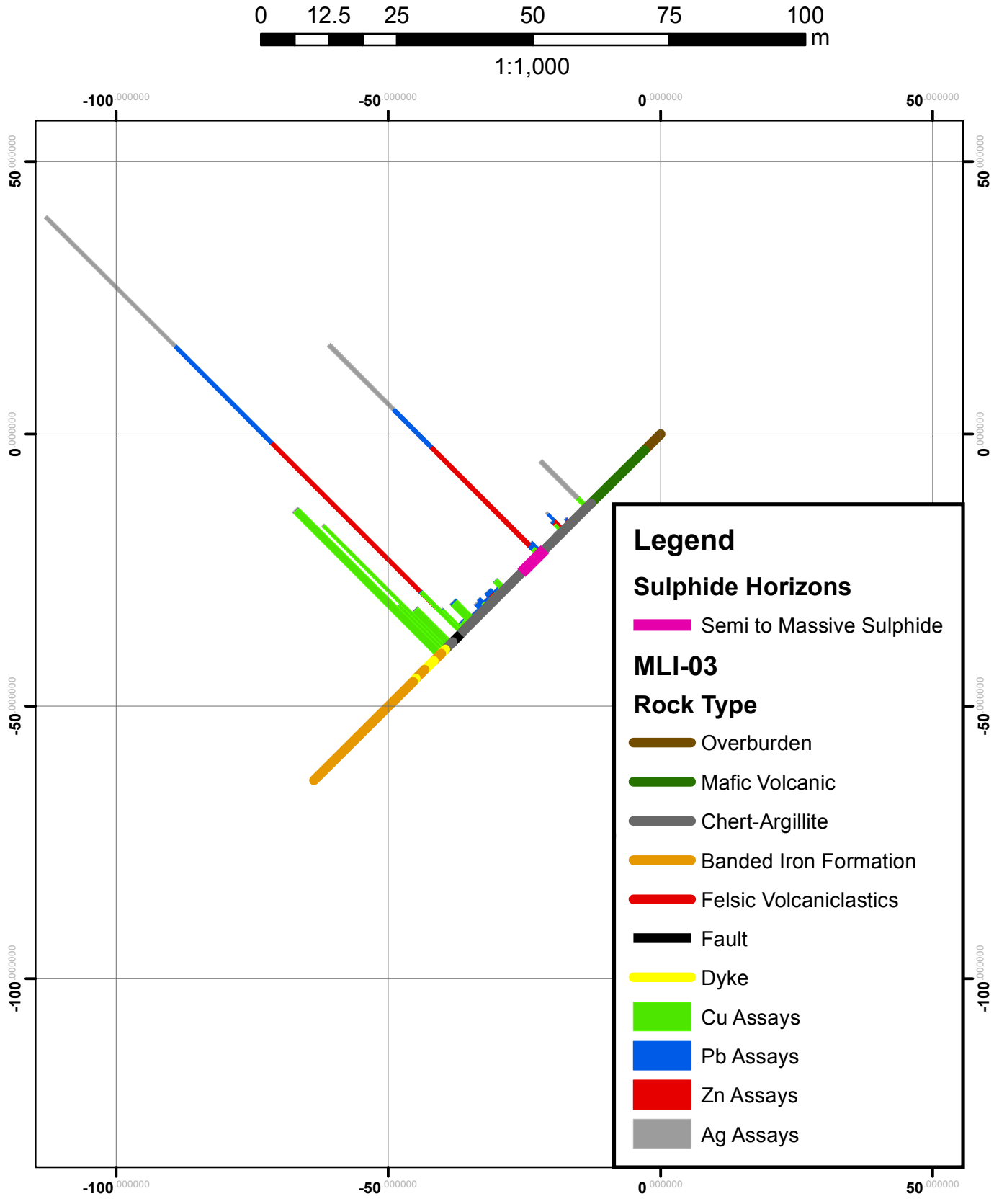
Hole: MLI-02
Easting: 543342
Northing: 5316243
Elevation: 316
Azimuth: 165
Inclination: -45

Section: Looking W 15 S



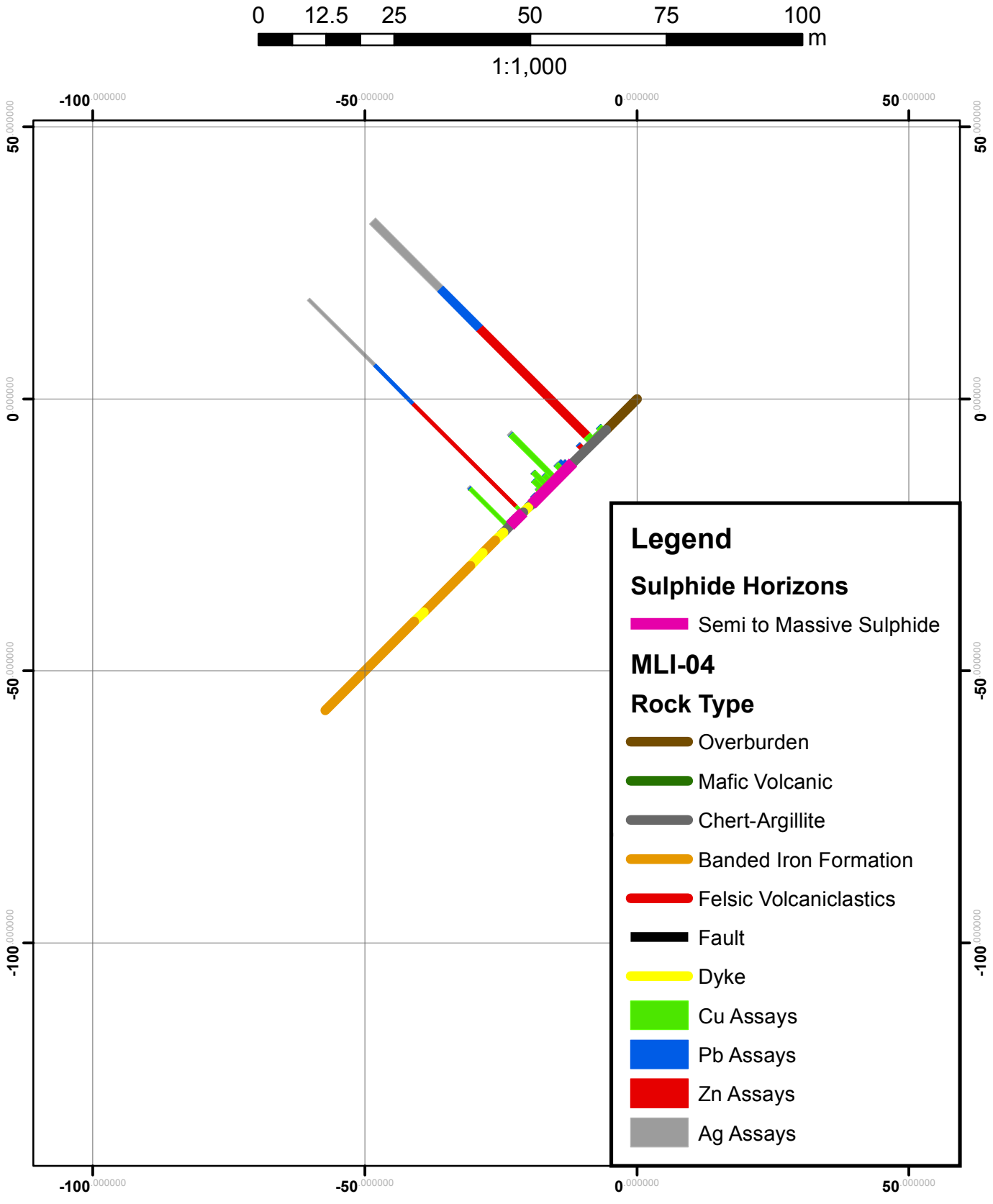
Hole: MLI-03
Easting: 543258
Northing: 5316221
Elevation: 315
Azimuth: 165
Inclination: -45

Section: Looking W 15 S



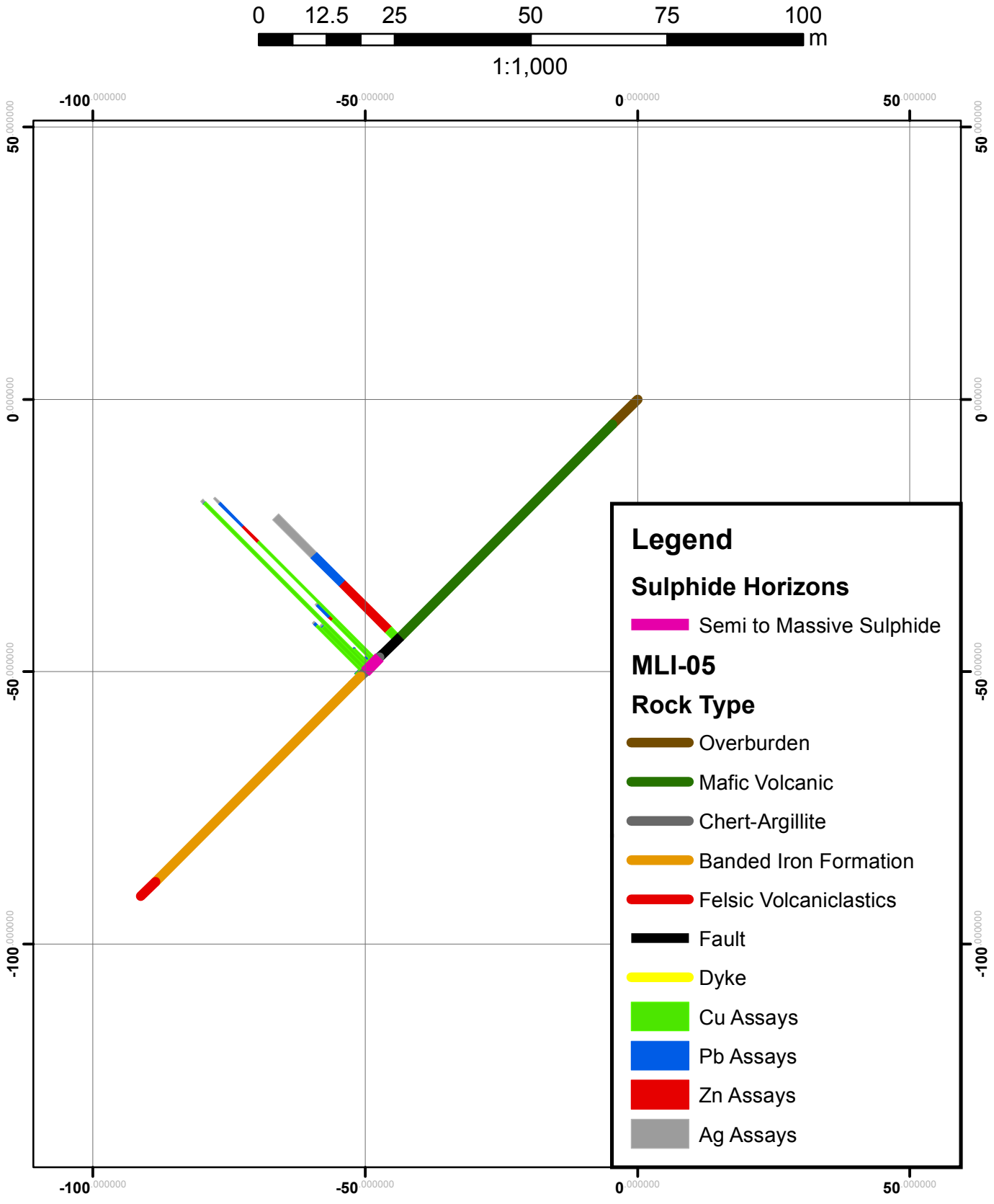
Hole: MLI-04
Easting: 543185
Northing: 5316190
Elevation: 317
Azimuth: 165
Inclination: -45

Section: Looking W 15 S



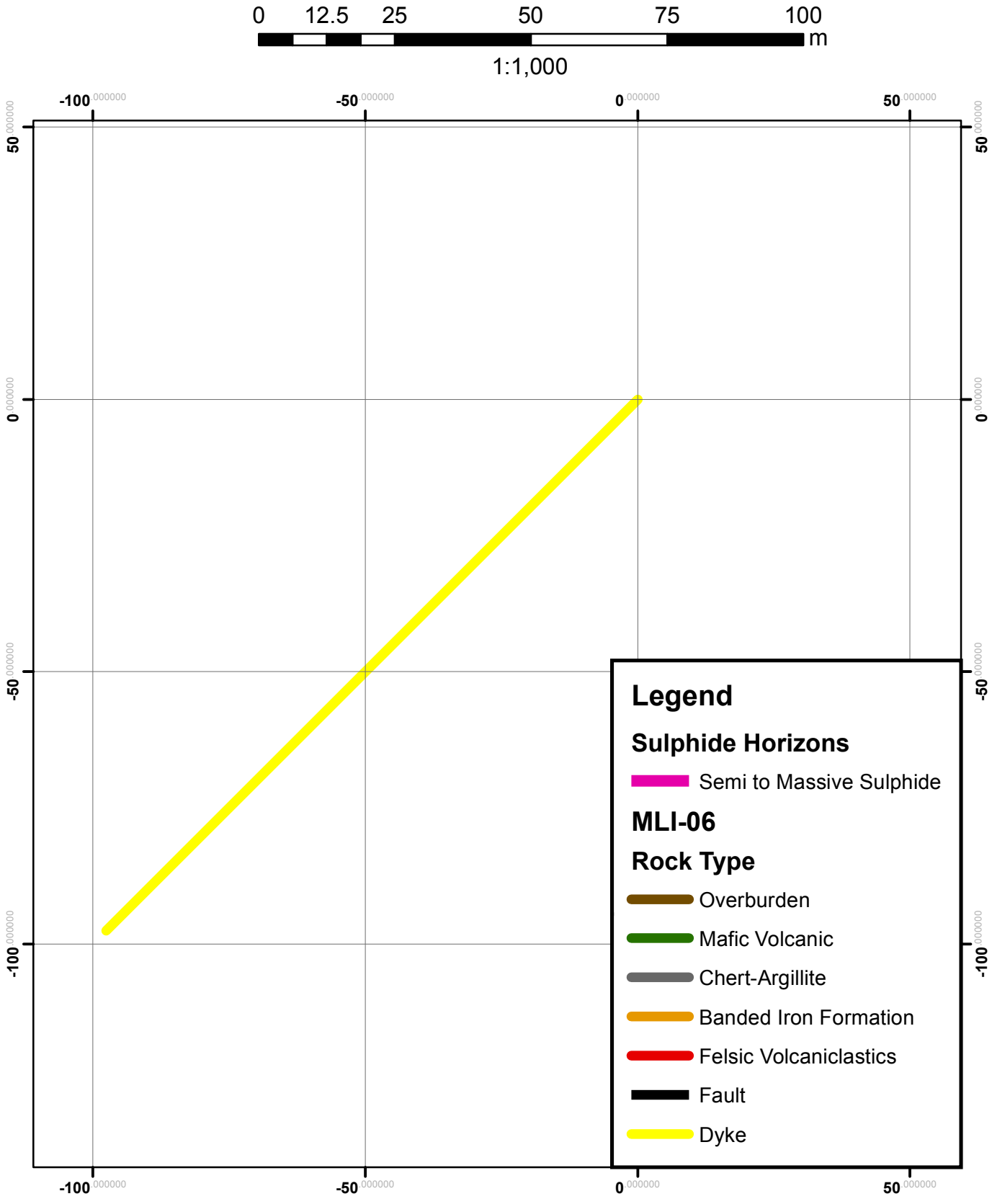
Hole: MLI-05
Easting: 543430
Northing: 5316283
Elevation: 314
Azimuth: 165
Inclination: -45

Section: Looking W 15 S



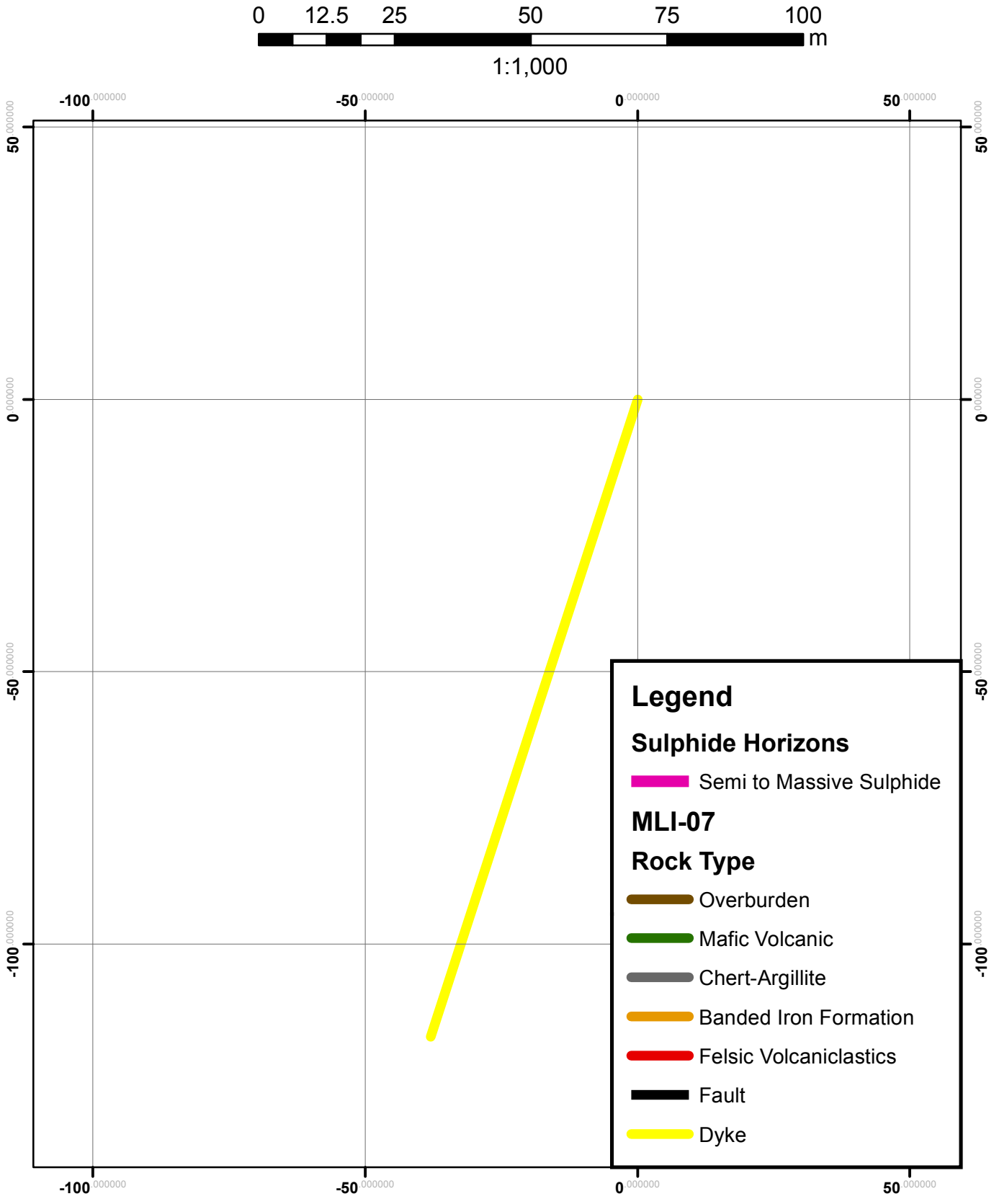
Hole: MLI-06
Easting: 543493
Northing: 5316309
Elevation: 312
Azimuth: 165
Inclination: -45

Section: Looking W 15 S



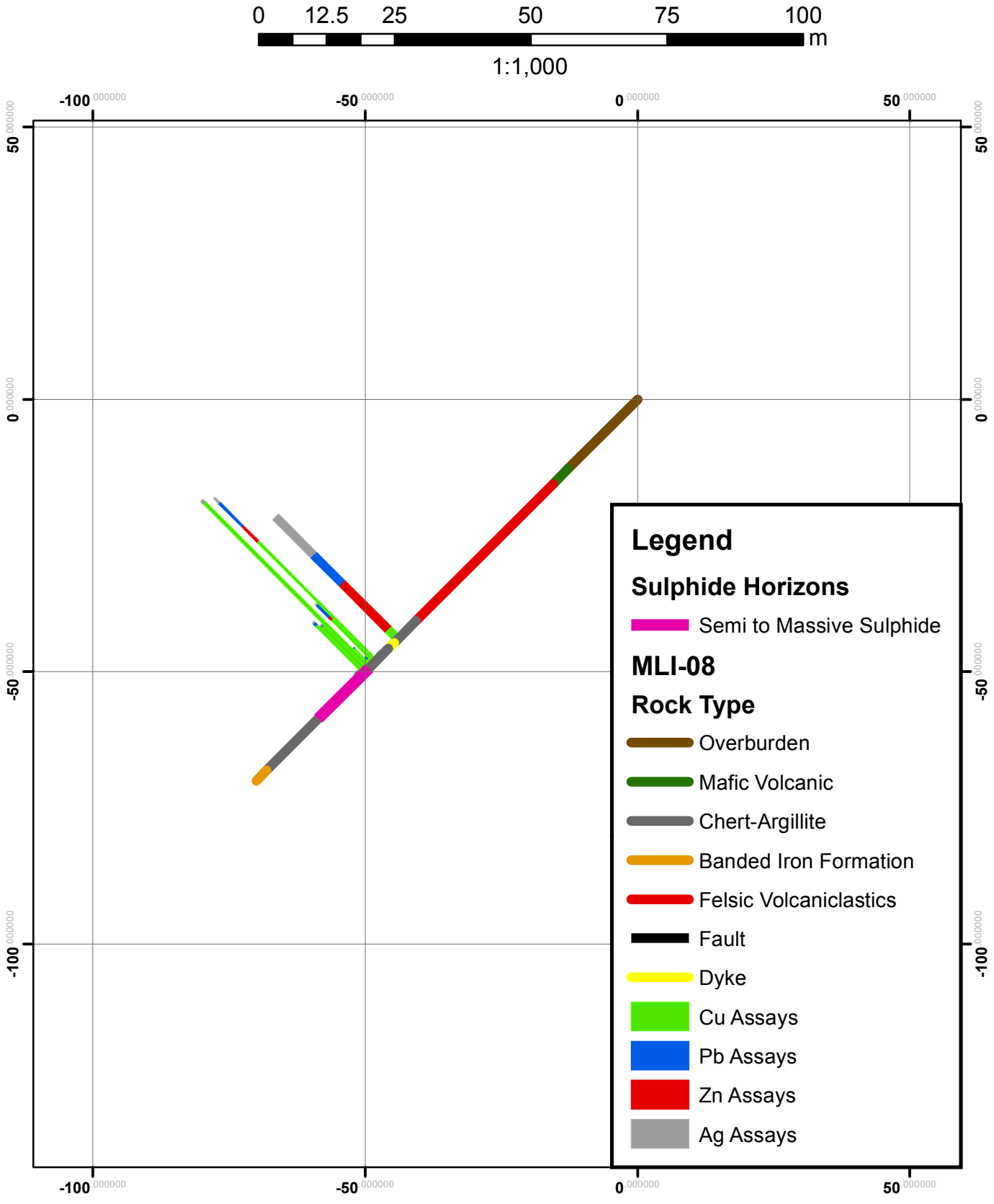
Hole: MLI-07
Easting: 543493
Northing: 5316309
Elevation: 312
Azimuth: 165
Inclination: -72

Section: Looking W 15 S



Hole: MLI-08
Easting: 543032
Northing: 5316194
Elevation: 314
Azimuth: 165
Inclination: -45

Section: Looking W 15 S



Appendix D: Assay Certificates

Please see attached pages.

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com

To: **GAR LIMITED**
288 KENOGAMI LANE
SWASTIKA ON P0K 1T0

Finalized Date: 12-DEC-2014
This copy reported on
1-OCT-2015
Account: XQVTHK

CERTIFICATE SD14187988

Project: MLI

This report is for 55 Drill Core samples submitted to our lab in Sudbury, ON, Canada on 8-DEC-2014.

The following have access to data associated with this certificate:

SEYMOUR SEARS		

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-24	Pulp Login - Rcd w/o Barcode

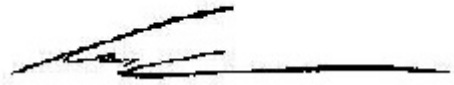
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Ag-OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Pb-OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn-OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **GAR LIMITED**
ATTN: ALS MINERALS

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
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288 KENOGAMI LANE
SWASTIKA ON P0K 1T0

Finalized Date: 12-DEC-2014
Account: XQVTHK

Project: MLI

CERTIFICATE OF ANALYSIS SD14187988

Sample Description	Method	WEI-21	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
22513		1.27	0.010	0.6	1.97	70	<10	<10	<0.5	<2	0.20	3.7	46	31	129	8.33
22514		<0.02		32.4	0.97	80	<10	80	1.0	<2	5.13	74.9	22	14	336	5.56
22515		1.07	0.011	0.5	2.28	119	<10	<10	0.6	<2	0.06	0.9	65	35	29	8.52
22516		1.05	<0.005	1.0	1.52	85	<10	<10	0.5	<2	0.05	3.0	36	24	150	7.22
22517		1.66	<0.005	<0.2	0.60	16	<10	<10	<0.5	<2	0.15	1.7	9	37	22	3.69
22518		1.86	<0.005	<0.2	1.61	48	<10	<10	<0.5	<2	0.06	0.8	31	35	28	8.37
22519		1.87	<0.005	0.3	0.97	79	<10	<10	<0.5	<2	0.03	1.5	27	24	40	5.92
22520		1.52	0.007	0.8	2.44	122	<10	<10	0.5	2	0.06	1.5	94	36	88	17.75
22521		1.13	<0.005	0.7	1.70	48	<10	<10	<0.5	<2	0.04	0.9	52	27	48	9.98
22522		0.79	<0.005	0.8	1.60	34	<10	<10	1.0	<2	0.05	3.3	13	32	51	6.85
22523		1.74	<0.005	3.2	2.33	660	<10	10	1.1	2	0.29	80.5	27	23	327	19.35
22524		2.45	<0.005	2.4	2.01	548	<10	10	0.7	<2	0.14	163.5	17	19	109	14.60
22525		1.02	<0.005	<0.2	0.22	2	10	40	<0.5	<2	18.4	<0.5	1	9	21	0.66
22526		1.54	<0.005	0.3	1.53	88	<10	<10	<0.5	<2	0.13	4.9	24	36	87	8.00
22527		1.58	<0.005	0.3	0.72	82	<10	<10	<0.5	<2	0.93	19.6	8	35	37	4.52
22528		0.92	<0.005	0.3	0.49	36	<10	10	<0.5	<2	0.83	4.5	2	23	22	5.69
22529		1.98	0.005	1.1	1.27	269	<10	<10	0.7	<2	0.37	86.3	17	116	258	9.06
22530		1.87	0.021	0.9	1.32	643	<10	<10	0.5	<2	0.03	23.4	66	58	182	20.6
22531		1.99	0.039	1.8	0.59	660	<10	<10	<0.5	<2	0.04	3.7	49	18	330	23.7
22532		1.47	<0.005	1.5	0.27	158	<10	<10	<0.5	<2	2.26	41.1	3	16	54	4.71
22533		1.13	<0.005	2.9	0.27	391	<10	10	<0.5	<2	1.47	230	5	22	821	4.60
22534		<0.02		>100	0.78	142	<10	50	0.8	<2	3.96	294	21	12	355	7.93
22535		1.22	<0.005	3.9	0.18	70	<10	<10	<0.5	<2	0.81	49.8	2	41	132	2.44
22536		1.24	0.005	3.1	0.49	441	<10	<10	<0.5	<2	0.57	140.0	12	46	324	10.65
22537		1.09	0.006	1.5	0.30	370	<10	10	<0.5	<2	0.99	89.3	6	32	154	5.98
22538		2.76	<0.005	0.4	0.22	81	<10	<10	<0.5	<2	2.84	67.3	2	28	104	4.98
22539		1.15	<0.005	0.5	0.35	159	<10	10	1.1	<2	3.06	49.4	4	21	53	10.00
22540		1.82	<0.005	0.6	0.29	9	<10	10	<0.5	<2	2.21	42.1	2	33	20	1.80
22541		1.63	<0.005	0.2	0.12	30	<10	<10	<0.5	<2	2.30	17.0	1	19	41	1.28
22542		1.85	<0.005	0.5	0.22	47	<10	<10	<0.5	<2	1.38	16.3	3	31	63	1.93
22543		2.34	<0.005	5.1	0.52	80	<10	<10	0.5	<2	0.31	15.5	11	29	259	4.14
22544		1.04	<0.005	<0.2	0.23	2	10	40	<0.5	<2	19.1	<0.5	1	8	12	0.63
22545		1.65	<0.005	0.5	0.73	50	<10	<10	0.5	<2	0.11	9.3	12	24	63	3.39
22558		3.01	0.007	0.9	3.20	205	<10	10	0.7	<2	0.08	0.6	80	208	50	27.1
22559		2.91	0.006	1.0	3.09	187	<10	10	0.6	<2	0.10	1.1	78	254	46	26.4
22560		2.41	0.007	0.8	2.86	197	<10	10	0.6	2	0.06	0.6	89	197	73	25.5
22561		1.16	<0.005	0.3	1.88	71	<10	<10	1.6	<2	0.04	<0.5	28	31	73	8.92
22562		1.64	<0.005	1.6	1.99	1120	<10	<10	1.1	<2	0.03	0.7	23	27	364	9.17
22563		2.23	<0.005	8.9	1.22	752	<10	<10	1.4	<2	0.06	261	17	20	432	9.29
22564		1.36	<0.005	<0.2	0.21	3	10	40	<0.5	<2	18.3	<0.5	2	6	12	0.61

***** See Appendix Page for comments regarding this certificate *****

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To: **GAR LIMITED**
288 KENOGAMI LANE
SWASTIKA ON P0K 1T0

Finalized Date: 12-DEC-2014
Account: XQVTHK

Project: MLI

CERTIFICATE OF ANALYSIS SD14187988

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
22513		<10	<1	0.01	<10	1.43	441	10	<0.01	62	130	2410	4.31	<2	4	3
22514		<10	<1	0.67	20	3.03	1685	4	0.02	27	570	>10000	4.75	39	3	26
22515		<10	<1	0.01	<10	1.61	487	7	<0.01	53	170	375	3.59	<2	5	3
22516		<10	<1	<0.01	<10	1.05	430	5	0.01	39	140	8380	4.00	<2	3	3
22517		<10	<1	<0.01	<10	0.47	344	4	<0.01	15	40	107	2.01	<2	1	3
22518		<10	<1	0.01	<10	1.03	485	8	0.01	28	110	195	4.97	<2	3	3
22519		<10	<1	<0.01	<10	0.60	461	11	0.01	20	80	673	3.72	<2	2	4
22520		10	<1	<0.01	<10	1.55	589	8	<0.01	49	240	2640	>10.0	<2	6	3
22521		<10	<1	<0.01	<10	1.08	454	6	<0.01	22	140	3330	7.07	<2	5	2
22522		<10	<1	0.01	<10	0.98	505	13	<0.01	21	160	5630	3.28	<2	5	2
22523		10	<1	0.10	<10	1.47	1380	11	0.01	45	280	5350	>10.0	<2	7	6
22524		10	<1	0.34	<10	1.72	1535	8	0.03	30	90	3910	8.54	2	2	10
22525		<10	<1	0.07	10	9.48	523	<1	0.03	4	220	20	0.05	<2	1	119
22526		<10	<1	0.01	<10	1.04	474	4	<0.01	32	110	378	4.75	<2	3	2
22527		<10	<1	0.06	<10	0.92	649	5	0.01	18	60	713	2.20	<2	2	7
22528		<10	<1	0.20	<10	0.86	779	1	0.03	8	50	400	2.93	<2	1	15
22529		<10	<1	0.07	<10	1.25	614	20	0.01	26	100	4920	6.87	2	3	6
22530		<10	<1	0.01	<10	1.09	362	8	<0.01	50	60	1160	>10.0	<2	3	2
22531		<10	<1	0.01	<10	0.49	204	1	0.01	47	40	1180	>10.0	<2	1	2
22532		<10	<1	0.13	<10	1.01	916	2	0.02	6	30	2370	2.75	<2	1	14
22533		<10	<1	0.16	<10	0.87	753	4	0.03	13	50	8740	3.45	<2	1	13
22534		<10	5	0.49	10	2.28	1285	2	0.01	25	440	>10000	>10.0	158	2	19
22535		<10	<1	0.08	<10	0.57	488	5	0.02	9	20	>10000	1.93	<2	<1	7
22536		<10	<1	0.07	<10	0.59	409	5	0.02	52	30	3530	>10.0	<2	2	6
22537		<10	<1	0.13	<10	0.71	661	5	0.02	28	50	1690	4.67	<2	2	10
22538		<10	<1	0.12	<10	1.07	1005	3	0.03	5	50	362	1.38	<2	1	21
22539		<10	<1	0.21	<10	1.25	1085	3	0.04	6	50	333	1.46	<2	1	24
22540		<10	<1	0.06	<10	1.11	1065	8	0.02	3	30	5090	0.30	<2	1	10
22541		<10	<1	0.06	<10	0.62	643	1	0.01	1	20	611	0.11	<2	<1	10
22542		<10	<1	0.05	<10	0.73	545	16	0.01	6	30	3730	0.77	<2	1	8
22543		<10	<1	0.03	<10	0.71	312	27	0.01	17	40	>10000	3.70	<2	1	4
22544		<10	<1	0.06	10	9.46	505	<1	0.03	4	180	43	0.04	<2	1	128
22545		<10	<1	<0.01	<10	0.72	198	4	0.02	15	60	3720	1.90	<2	1	6
22558		10	<1	0.03	<10	3.52	638	4	0.01	126	170	114	>10.0	<2	10	3
22559		10	<1	0.03	<10	3.78	664	9	0.01	126	160	103	>10.0	<2	10	3
22560		10	<1	0.04	<10	3.19	647	4	0.01	132	160	136	>10.0	<2	10	2
22561		10	<1	0.01	<10	1.83	453	14	<0.01	48	140	159	6.38	<2	3	2
22562		<10	<1	0.01	<10	2.27	382	8	<0.01	30	90	>10000	6.09	<2	4	2
22563		<10	1	0.06	<10	1.33	603	7	0.01	44	70	>10000	>10.0	2	3	3
22564		<10	<1	0.06	10	9.58	496	<1	0.03	4	160	115	0.07	<2	1	116

***** See Appendix Page for comments regarding this certificate *****

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To: **GAR LIMITED**
288 KENOGAMI LANE
SWASTIKA ON P0K 1T0

Finalized Date: 12-DEC-2014
Account: XQVTHK

Project: MLI

CERTIFICATE OF ANALYSIS SD14187988

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Pb-OG46	Zn-OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
22513		<20	0.01	<10	<10	26	<10	424			
22514		<20	0.02	30	<10	11	<10	>10000		1.665	2.80
22515		<20	0.01	<10	<10	30	<10	157			
22516		<20	0.01	<10	<10	17	<10	324			
22517		<20	<0.01	<10	<10	11	<10	211			
22518		<20	0.01	<10	<10	25	<10	92			
22519		<20	0.01	<10	<10	18	<10	243			
22520		<20	0.01	<10	<10	51	<10	148			
22521		<20	0.01	<10	<10	27	<10	81			
22522		<20	0.02	<10	<10	30	<10	211			
22523		<20	0.02	<10	<10	36	<10	9250			
22524		<20	0.01	<10	<10	21	<10	>10000			1.500
22525		<20	0.01	<10	<10	6	<10	47			
22526		<20	0.01	<10	<10	28	<10	503			
22527		<20	0.01	<10	<10	15	<10	1985			
22528		<20	0.01	<10	<10	14	<10	398			
22529		<20	0.01	<10	<10	28	<10	8370			
22530		<20	0.01	<10	<10	25	<10	2260			
22531		<20	<0.01	<10	<10	10	<10	286			
22532		<20	<0.01	<10	<10	6	<10	3740			
22533		<20	<0.01	<10	<10	7	<10	>10000			2.13
22534		<20	0.01	50	<10	9	<10	>10000	100	4.86	10.70
22535		<20	<0.01	<10	<10	5	<10	4140		3.39	
22536		<20	<0.01	<10	<10	17	<10	>10000			1.340
22537		<20	<0.01	<10	<10	10	<10	8990			
22538		<20	<0.01	<10	<10	5	<10	2660			
22539		<20	<0.01	<10	<10	9	<10	5180			
22540		<20	<0.01	<10	<10	5	<10	2680			
22541		<20	<0.01	<10	<10	3	<10	1515			
22542		<20	<0.01	<10	<10	5	<10	1200			
22543		<20	<0.01	<10	<10	9	<10	1260		4.48	
22544		<20	0.01	<10	<10	6	<10	29			
22545		<20	<0.01	<10	<10	11	<10	979			
22558		<20	0.01	<10	<10	66	<10	109			
22559		<20	0.01	<10	<10	76	<10	122			
22560		<20	0.02	<10	<10	67	<10	94			
22561		<20	0.01	<10	<10	37	<10	74			
22562		<20	0.01	<10	<10	32	<10	159		1.075	
22563		<20	0.01	<10	<10	25	<10	>10000		3.41	6.76
22564		<20	0.01	<10	<10	6	<10	136			

***** See Appendix Page for comments regarding this certificate *****

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CERTIFICATE OF ANALYSIS SD14187988

Sample Description	Method	WEI-21	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
22565		1.00	<0.005	<0.2	0.26	7	<10	<10	0.6	<2	0.48	0.7	7	27	18	1.82
22566		1.07	<0.005	6.0	1.08	543	<10	<10	1.6	2	0.13	65.1	30	14	1305	9.85
22567		1.01	<0.005	2.3	0.88	51	<10	<10	1.1	<2	0.07	4.5	24	19	1610	7.43
22568		2.36	<0.005	0.8	0.61	21	<10	<10	<0.5	<2	0.03	0.9	15	34	268	3.64
22569		1.05	<0.005	0.8	0.82	29	<10	<10	0.5	<2	0.03	3.0	15	39	729	4.92
22570		<0.02		58.7	0.95	140	<10	30	1.0	<2	4.72	141.0	41	13	480	7.08
22571		1.57	0.011	3.5	0.73	159	<10	<10	0.8	<2	0.06	15.9	39	29	2440	6.67
22572		2.11	0.027	7.0	1.10	320	<10	<10	1.5	<2	0.05	3.5	69	19	482	11.10
22573		2.19	0.018	7.3	0.49	2000	<10	<10	1.4	2	0.07	4.8	50	18	938	8.54
22574		2.19	0.006	8.5	0.82	507	<10	<10	1.4	<2	0.05	44.3	33	19	1545	9.45
22575		1.35	0.006	7.7	0.96	1760	<10	<10	1.0	<2	0.03	220	30	21	551	8.69
22576		0.73	<0.005	2.7	1.42	140	<10	<10	0.7	<2	0.02	8.5	41	26	202	7.95
22577		1.76	<0.005	3.7	1.49	296	<10	<10	<0.5	<2	0.04	2.4	70	25	136	14.15
22578		1.29	<0.005	2.7	1.51	63	<10	<10	0.8	<2	1.39	4.3	42	29	520	10.75
22579		3.51	<0.005	0.2	0.30	25	<10	<10	0.6	<2	2.27	0.5	11	9	17	5.19

***** See Appendix Page for comments regarding this certificate *****

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www.alsglobal.com

To: **GAR LIMITED**
288 KENOGAMI LANE
SWASTIKA ON P0K 1T0

Finalized Date: 12-DEC-2014
Account: XQVTHK

Project: MLI

CERTIFICATE OF ANALYSIS SD14187988

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
22565		<10	<1	0.02	<10	0.30	497	6	0.01	6	30	223	0.46	<2	1	8
22566		<10	<1	0.14	<10	1.36	1630	10	0.03	28	40	>10000	7.90	<2	2	7
22567		<10	<1	0.13	<10	1.14	867	13	0.03	19	60	6690	4.86	<2	2	7
22568		<10	<1	0.04	<10	0.72	341	5	0.01	10	40	456	1.97	<2	1	3
22569		<10	<1	0.01	<10	0.88	354	7	<0.01	12	40	489	3.30	<2	1	2
22570		<10	1	0.60	10	2.72	2050	3	0.02	17	540	>10000	8.29	39	2	25
22571		<10	<1	0.03	<10	0.87	441	15	0.01	30	130	7130	5.93	<2	2	3
22572		<10	<1	0.03	<10	1.45	286	31	0.01	59	200	>10000	>10.0	<2	2	3
22573		<10	<1	0.03	<10	0.71	300	22	0.01	41	220	>10000	9.09	3	1	4
22574		<10	<1	0.02	<10	1.01	380	14	0.01	49	150	>10000	>10.0	3	2	3
22575		<10	<1	0.01	<10	1.13	362	6	<0.01	41	110	>10000	>10.0	2	2	2
22576		10	<1	<0.01	<10	1.65	291	8	<0.01	49	70	>10000	6.68	<2	3	1
22577		<10	<1	<0.01	<10	1.76	313	7	<0.01	45	80	>10000	>10.0	<2	3	2
22578		10	<1	0.07	<10	2.06	802	11	0.02	41	150	6830	8.07	<2	3	12
22579		<10	<1	0.18	<10	0.64	814	<1	0.05	10	180	159	2.52	<2	1	30

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288 KENOGAMI LANE
SWASTIKA ON P0K 1T0

Finalized Date: 12-DEC-2014
Account: XQVTHK

Project: MLI

CERTIFICATE OF ANALYSIS SD14187988

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Pb-OG46	Zn-OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001
22565		<20	<0.01	<10	<10	7	<10	366			
22566		<20	0.01	<10	<10	14	<10	>10000		2.09	1.675
22567		<20	0.01	<10	<10	17	<10	1200			
22568		<20	0.01	<10	<10	12	<10	227			
22569		<20	0.01	<10	<10	15	<10	661			
22570		<20	0.01	40	<10	10	<10	>10000		3.55	4.85
22571		<20	0.01	<10	<10	14	<10	3500			
22572		<20	0.01	<10	<10	18	<10	655		3.94	
22573		<20	<0.01	<10	<10	8	<10	927		3.70	
22574		<20	<0.01	<10	<10	16	<10	9840		6.55	
22575		<20	0.01	<10	<10	16	<10	>10000		4.14	4.83
22576		<20	0.01	<10	<10	21	<10	1835		2.44	
22577		<20	0.01	<10	<10	22	<10	422		3.97	
22578		<20	0.02	<10	<10	24	<10	919			
22579		<20	<0.01	<10	<10	6	<10	79			

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Finalized Date: 12-DEC-2014
Account: XQVTHK

Project: MLI

CERTIFICATE OF ANALYSIS SD14187988

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.

Applies to Method:				
	CRU-31	CRU-QC	LOG-22	LOG-24
	PUL-31	PUL-QC	SPL-21	WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:				
	Ag-OG46	Au-AA23	ME-ICP41	ME-OG46
	Pb-OG46	Zn-OG46		

ALS Canada Ltd.

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To: **GAR LIMITED**
288 KENOGAMI LANE
SWASTIKA ON P0K 1T0

Finalized Date: 20-JUN-2015
This copy reported on
1-OCT-2015
Account: XQVTHK

CERTIFICATE SD15083139

Project: LUCKY IRISH

This report is for 223 Drill Core samples submitted to our lab in Sudbury, ON, Canada on 8-JUN-2015.

The following have access to data associated with this certificate:

JOHN RAPSKI	SEYMOUR SEARS	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
LOG-23	Pulp Login - Rcvd with Barcode
LOG-24	Pulp Login - Rcd w/o Barcode

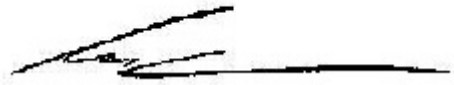
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Ag-OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Cu-OG46	Ore Grade Cu - Aqua Regia	VARIABLE
Pb-OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Zn-OG46	Ore Grade Zn - Aqua Regia	VARIABLE

To: **GAR LIMITED**
ATTN: ALS MINERALS

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager

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To: **GAR LIMITED**
288 KENOGAMI LANE
SWASTIKA ON P0K 1T0

Finalized Date: 20-JUN-2015
Account: XQVTHK

Project: LUCKY IRISH

CERTIFICATE OF ANALYSIS SD15083139

Sample Description	Method	WEI-21	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
22501		1.05	0.023	0.4	2.88	189	<10	<10	<0.5	2	0.09	<0.5	70	352	117	25.3
22502		2.59	0.043	0.6	0.75	164	<10	10	<0.5	<2	0.32	<0.5	38	27	51	25.4
22503		2.31	0.019	0.3	1.36	153	<10	10	<0.5	<2	0.56	<0.5	50	64	83	19.40
22504		2.63	0.011	<0.2	1.04	73	<10	<10	<0.5	<2	0.28	1.1	26	39	53	4.94
22505		1.09	0.013	0.3	1.51	136	<10	<10	<0.5	<2	0.10	1.1	43	98	54	8.54
22506		2.80	0.014	0.2	1.38	126	<10	<10	<0.5	<2	0.05	<0.5	28	44	31	8.57
22507		0.83	0.009	<0.2	1.15	65	<10	<10	<0.5	<2	0.05	<0.5	20	46	19	3.44
22508		1.99	0.011	0.4	2.28	165	<10	<10	0.5	<2	0.05	<0.5	38	51	20	13.10
22509		1.35	0.006	0.2	1.24	45	<10	<10	<0.5	<2	0.04	0.7	11	24	21	5.22
22510		1.93	<0.005	0.4	0.55	43	<10	<10	<0.5	<2	0.80	2.1	8	19	132	3.40
22511		2.07	<0.005	0.4	0.21	19	<10	<10	<0.5	<2	0.29	1.5	2	20	161	2.04
22512		2.78	<0.005	<0.2	0.71	40	<10	<10	<0.5	<2	0.18	1.2	14	25	40	4.39
22546		1.13	<0.005	0.3	2.46	26	<10	<10	0.7	<2	0.05	0.8	21	30	123	6.89
22547		0.95	<0.005	0.4	2.14	94	<10	<10	0.6	<2	0.06	6.4	28	24	91	14.05
22548		1.15	<0.005	1.4	0.65	54	<10	10	0.9	<2	0.44	0.6	18	10	1005	7.65
22549		2.13	<0.005	0.4	0.37	7	<10	<10	<0.5	<2	0.08	2.4	9	13	182	2.68
22550		0.82	0.013	1.0	1.98	108	<10	<10	1.1	<2	0.09	0.5	53	55	1545	15.65
22551		1.94	<0.005	<0.2	6.06	119	<10	<10	0.9	<2	0.13	<0.5	71	1030	7	9.06
22552		1.85	<0.005	<0.2	2.85	21	<10	<10	<0.5	<2	0.14	<0.5	23	200	14	4.72
22553		1.33	0.008	0.4	3.79	171	<10	<10	0.7	<2	0.19	<0.5	64	483	140	10.50
22554		2.00	0.007	0.2	1.37	59	<10	<10	<0.5	<2	0.12	<0.5	17	59	50	6.22
22555		1.72	0.010	0.3	3.01	373	<10	<10	0.6	<2	0.06	<0.5	58	750	63	8.32
22556		1.46	0.009	0.4	4.21	219	<10	<10	0.7	<2	0.08	<0.5	67	727	47	12.00
22557		1.30	<0.005	0.4	3.55	286	<10	<10	0.8	<2	0.07	<0.5	67	649	86	10.10
22580		3.26	<0.005	<0.2	0.11	18	<10	10	<0.5	<2	3.74	<0.5	4	9	12	2.49
22581		3.39	<0.005	<0.2	0.42	7	<10	80	0.5	<2	2.88	<0.5	5	8	65	3.71
22582		3.32	<0.005	0.7	0.39	20	<10	40	0.5	<2	2.13	<0.5	5	7	525	4.46
22583		3.32	<0.005	0.6	1.80	17	<10	40	0.7	<2	1.06	<0.5	7	11	203	7.32
22584		1.97	<0.005	0.6	2.11	54	<10	50	0.6	<2	0.16	<0.5	16	11	9	8.44
22585		2.18	<0.005	<0.2	5.31	8	<10	10	1.8	<2	0.11	<0.5	9	18	4	15.80
22586		2.42	<0.005	<0.2	5.51	4	<10	50	1.5	<2	0.12	<0.5	9	18	6	16.50
22587		3.95	<0.005	0.3	0.40	7	<10	10	0.5	<2	0.46	<0.5	3	8	14	7.61
22588		3.31	<0.005	0.2	0.64	14	<10	10	<0.5	<2	1.23	<0.5	3	8	12	8.72
22589		3.29	<0.005	<0.2	0.60	40	<10	10	0.7	<2	1.08	<0.5	2	12	16	11.95
22590		0.02	0.045	30.9	0.92	80	<10	70	1.0	<2	4.97	72.2	20	13	319	5.59
22591		3.37	<0.005	<0.2	3.09	10	<10	10	0.8	<2	2.83	<0.5	22	331	5	6.07
22592		1.96	0.005	0.7	1.14	24	<10	20	0.8	<2	0.62	<0.5	13	16	21	10.10
22593		2.08	<0.005	0.6	0.71	175	<10	10	0.6	<2	0.65	<0.5	12	11	25	7.11
22594		1.22	<0.005	1.5	1.19	475	<10	<10	0.5	<2	0.14	6.7	20	14	99	9.41
22595		1.51	0.015	6.4	2.05	507	<10	<10	0.5	5	0.12	1.0	57	22	7920	14.45

***** See Appendix Page for comments regarding this certificate *****

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288 KENOGAMI LANE
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Finalized Date: 20-JUN-2015
Account: XQVTHK

Project: LUCKY IRISH

CERTIFICATE OF ANALYSIS SD15083139

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
22501		10	<1	0.01	<10	2.92	509	2	0.02	140	180	70	>10.0	<2	11	1
22502		10	<1	0.05	10	0.56	148	1	0.05	33	340	79	>10.0	<2	3	9
22503		10	<1	0.03	<10	1.13	295	9	0.05	67	300	91	>10.0	<2	4	6
22504		<10	<1	0.01	<10	1.03	244	7	0.03	46	140	82	3.17	<2	4	7
22505		10	<1	0.01	<10	1.34	313	8	0.03	65	220	138	6.66	<2	5	2
22506		<10	<1	0.01	<10	1.26	306	4	0.02	44	110	143	6.58	<2	3	2
22507		<10	<1	0.01	<10	1.12	222	6	0.02	27	70	149	1.15	<2	3	1
22508		10	<1	0.01	<10	1.84	412	3	0.02	48	150	112	>10.0	<2	4	1
22509		10	<1	<0.01	<10	1.07	340	3	0.02	17	70	745	2.46	<2	3	2
22510		<10	<1	<0.01	<10	0.86	332	<1	0.02	10	110	4630	2.03	2	1	3
22511		<10	<1	0.01	<10	0.32	213	1	0.02	4	30	3820	1.12	<2	<1	1
22512		<10	<1	0.01	<10	0.58	336	1	0.02	18	60	286	2.49	<2	1	1
22546		10	<1	0.01	<10	2.68	475	12	0.02	31	160	479	2.08	<2	5	2
22547		10	<1	0.01	<10	1.88	496	4	0.02	44	230	350	>10.0	<2	5	1
22548		<10	<1	0.15	<10	1.00	747	7	0.03	23	60	>10000	4.57	<2	2	6
22549		<10	<1	0.02	<10	0.43	509	1	0.02	9	20	3100	0.83	<2	1	4
22550		10	<1	0.06	<10	2.19	1285	13	0.02	60	200	266	>10.0	<2	4	3
22551		20	<1	<0.01	<10	8.02	879	2	0.02	384	380	65	0.59	<2	30	5
22552		10	<1	0.01	<10	3.51	487	<1	0.05	118	580	276	0.39	<2	13	6
22553		10	<1	0.02	<10	4.52	641	4	0.03	290	780	1090	5.47	<2	14	10
22554		10	<1	0.01	<10	1.52	300	2	0.02	34	460	26	4.02	<2	4	8
22555		10	<1	<0.01	<10	3.60	498	4	0.02	392	220	63	3.97	<2	15	4
22556		10	<1	0.01	<10	5.19	684	5	0.03	402	280	72	6.65	<2	18	2
22557		10	<1	0.01	<10	4.29	582	6	0.03	375	230	654	5.16	<2	14	3
22580		<10	<1	0.07	<10	0.22	747	<1	0.04	4	170	67	0.82	<2	<1	34
22581		<10	<1	0.21	<10	0.98	1045	7	0.08	2	260	12	0.12	<2	1	19
22582		<10	<1	0.22	<10	0.71	833	3	0.08	6	240	121	0.74	<2	1	20
22583		10	<1	0.22	<10	1.44	1360	25	0.08	9	200	918	0.52	<2	3	14
22584		10	<1	0.17	<10	1.52	1445	20	0.07	16	110	394	1.34	<2	5	7
22585		10	<1	0.05	<10	3.47	2130	6	0.02	13	320	6	0.79	<2	11	3
22586		10	<1	0.08	10	3.23	2390	7	0.03	13	340	49	0.63	<2	12	4
22587		<10	<1	0.17	<10	0.39	922	7	0.06	4	170	41	0.64	<2	1	11
22588		<10	<1	0.10	<10	0.49	1060	3	0.04	5	170	32	0.79	<2	1	15
22589		<10	<1	0.09	<10	0.52	896	1	0.03	6	280	24	1.53	<2	1	14
22590		<10	<1	0.63	20	2.88	1625	4	0.03	26	550	>10000	4.60	37	2	22
22591		10	<1	0.02	30	3.77	1285	<1	0.05	88	1320	83	0.31	<2	10	81
22592		<10	<1	0.11	<10	0.83	736	5	0.04	16	300	39	4.73	<2	2	10
22593		<10	<1	0.15	<10	0.94	843	8	0.05	12	160	106	4.41	<2	1	9
22594		<10	<1	0.01	<10	1.39	587	18	0.01	22	170	2200	8.44	<2	2	2
22595		10	<1	0.01	<10	2.56	700	20	0.02	35	170	1445	>10.0	<2	3	1

***** See Appendix Page for comments regarding this certificate *****

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288 KENOGAMI LANE
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Finalized Date: 20-JUN-2015
Account: XQVTHK

Project: LUCKY IRISH

CERTIFICATE OF ANALYSIS SD15083139

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Cu-OG46	Pb-OG46	Zn-OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Cu	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001	0.001
22501		<20	0.03	<10	<10	82	<10	174				
22502		<20	0.02	<10	<10	42	<10	67				
22503		<20	0.01	<10	<10	51	<10	98				
22504		<20	0.02	<10	<10	36	<10	224				
22505		<20	0.02	<10	<10	42	<10	226				
22506		<20	0.02	<10	<10	28	<10	93				
22507		<20	0.01	<10	<10	26	<10	62				
22508		<20	0.01	<10	<10	36	<10	88				
22509		<20	<0.01	<10	<10	25	<10	118				
22510		<20	<0.01	<10	<10	9	<10	291				
22511		<20	<0.01	<10	<10	5	<10	206				
22512		<20	<0.01	<10	<10	15	<10	155				
22546		<20	<0.01	<10	<10	42	<10	158				
22547		<20	0.01	<10	<10	51	<10	907				
22548		<20	<0.01	<10	<10	17	<10	193			1.435	
22549		<20	0.01	<10	<10	8	<10	467				
22550		<20	0.02	<10	<10	40	<10	667				
22551		<20	0.01	<10	<10	209	<10	179				
22552		<20	0.01	<10	<10	87	<10	80				
22553		<20	0.01	<10	<10	103	<10	135				
22554		<20	<0.01	<10	<10	43	<10	45				
22555		<20	0.01	<10	<10	112	<10	90				
22556		<20	0.01	<10	<10	114	<10	189				
22557		<20	0.01	<10	<10	89	<10	210				
22580		<20	<0.01	<10	<10	3	<10	19				
22581		<20	0.01	<10	<10	7	<10	9				
22582		<20	<0.01	<10	<10	7	<10	73				
22583		<20	0.04	<10	<10	31	<10	64				
22584		<20	0.03	<10	<10	38	<10	58				
22585		<20	0.08	<10	<10	88	<10	92				
22586		<20	0.08	<10	<10	87	<10	109				
22587		<20	0.01	<10	<10	7	<10	27				
22588		<20	0.01	<10	<10	8	<10	41				
22589		<20	0.01	<10	<10	11	<10	31				
22590		<20	0.02	20	<10	11	<10	>10000			1.650	2.74
22591		<20	0.14	<10	<10	89	<10	113				
22592		<20	0.01	<10	<10	19	<10	30				
22593		<20	0.01	<10	<10	13	<10	120				
22594		<20	0.01	<10	<10	18	<10	1380				
22595		<20	0.04	<10	<10	32	<10	310				

***** See Appendix Page for comments regarding this certificate *****

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288 KENOGAMI LANE
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Finalized Date: 20-JUN-2015
Account: XQVTHK

Project: LUCKY IRISH

CERTIFICATE OF ANALYSIS SD15083139

Sample Description	Method	WEI-21	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
22596		3.26	<0.005	1.6	0.87	161	<10	10	0.6	<2	0.50	<0.5	20	12	429	5.95
22597		3.21	<0.005	0.3	0.86	8	<10	<10	0.5	<2	6.03	<0.5	3	13	242	2.61
22598		1.23	<0.005	13.1	1.38	194	<10	20	5.8	<2	4.84	0.8	16	8	>10000	10.25
22599		1.38	<0.005	<0.2	0.19	<2	<10	40	<0.5	<2	18.8	<0.5	<1	3	26	0.60
22600		2.06	0.006	5.4	2.32	78	<10	30	20.1	2	2.18	<0.5	18	15	5980	13.40
22601		0.95	0.005	12.9	2.25	204	<10	30	8.5	4	5.18	<0.5	74	12	>10000	22.9
22602		1.20	0.005	4.9	1.40	42	<10	10	3.8	4	3.34	<0.5	28	23	5360	12.00
22603		1.77	0.008	7.4	1.31	323	<10	20	11.1	4	4.65	1.0	152	10	4910	16.10
22604		1.15	<0.005	0.3	0.74	122	<10	10	1.4	<2	11.0	<0.5	58	9	67	4.57
22605		1.39	<0.005	1.1	0.33	75	<10	10	0.6	<2	1.64	2.1	32	9	1275	5.01
22606		3.56	<0.005	<0.2	0.32	33	<10	10	0.7	<2	2.48	<0.5	6	8	78	8.82
22607		1.89	<0.005	<0.2	0.11	<2	<10	10	<0.5	<2	0.85	<0.5	2	11	65	6.55
22608		2.17	<0.005	0.4	0.42	7	<10	20	<0.5	<2	0.42	<0.5	13	10	148	9.10
22609		1.60	0.008	0.3	5.06	47	<10	<10	0.5	<2	0.19	<0.5	78	874	40	13.40
22610		0.02	NSS	58.1	0.91	139	<10	40	1.0	<2	4.68	139.0	40	13	470	7.50
22611		2.48	<0.005	0.2	5.47	24	<10	<10	0.7	<2	0.17	<0.5	44	624	15	11.25
22612		2.58	0.011	0.4	1.39	37	<10	<10	<0.5	<2	4.55	<0.5	21	245	79	11.40
22613		1.01	0.018	0.3	0.41	34	<10	10	<0.5	<2	8.0	<0.5	11	7	34	9.88
22614		2.37	0.012	0.6	0.80	116	<10	10	<0.5	<2	8.6	<0.5	21	11	79	16.30
22615		1.23	0.022	1.1	0.50	155	<10	10	<0.5	3	11.7	5.7	24	8	133	14.15
22616		2.91	0.016	0.8	0.90	140	<10	10	<0.5	<2	8.6	1.0	22	6	52	11.75
22617		1.18	0.019	2.5	0.64	631	<10	10	<0.5	<2	3.50	19.0	25	8	171	13.55
22618		1.56	<0.005	<0.2	0.22	3	<10	20	<0.5	<2	18.0	<0.5	<1	4	21	0.69
22619		1.15	0.005	1.0	0.78	171	<10	10	<0.5	<2	8.3	5.0	17	10	374	9.22
22620		2.49	0.019	0.9	0.99	79	<10	10	<0.5	3	3.76	<0.5	45	12	133	20.1
22621		1.37	0.011	1.2	1.44	51	<10	20	<0.5	<2	1.85	<0.5	46	45	107	16.50
22622		1.49	<0.005	0.3	3.18	40	<10	<10	0.5	<2	0.49	<0.5	37	353	52	9.37
22623		1.80	<0.005	<0.2	0.49	11	<10	<10	<0.5	<2	0.30	<0.5	5	19	19	3.17
22624		3.20	<0.005	0.3	1.15	42	<10	<10	0.6	<2	0.83	<0.5	23	21	88	9.25
22625		0.64	<0.005	<0.2	5.41	13	<10	<10	1.4	<2	0.19	<0.5	6	15	9	12.35
22626		1.38	0.016	1.2	2.11	142	<10	<10	0.5	<2	0.07	<0.5	46	40	153	20.2
22627		2.34	0.023	1.7	1.79	238	<10	<10	<0.5	<2	0.10	1.0	67	109	93	26.5
22628		<0.02	0.008	>100	0.66	137	<10	50	0.7	<2	3.56	267	18	10	321	7.40
22629		1.65	<0.005	0.6	5.00	76	<10	<10	1.0	2	1.72	<0.5	44	788	51	11.25
22630		1.49	<0.005	0.4	0.41	51	<10	<10	<0.5	<2	0.64	<0.5	29	21	81	10.15
22631		1.45	0.005	0.3	1.32	51	<10	<10	0.5	<2	0.21	<0.5	27	16	91	12.45
22632		1.50	<0.005	0.2	2.47	60	<10	<10	<0.5	<2	0.64	<0.5	37	106	73	12.15
22633		1.07	0.015	0.4	4.26	171	<10	<10	0.5	2	1.34	<0.5	71	433	70	16.50
22634		1.81	0.005	1.0	4.68	92	<10	<10	0.7	2	5.62	<0.5	41	301	31	11.45
22635		2.75	0.007	0.3	4.45	150	<10	<10	0.6	<2	1.98	<0.5	59	565	51	12.75

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288 KENOGAMI LANE
SWASTIKA ON P0K 1T0

Finalized Date: 20-JUN-2015
Account: XQVTHK

Project: LUCKY IRISH

CERTIFICATE OF ANALYSIS SD15083139

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
22596		<10	<1	0.08	<10	1.19	588	10	0.03	15	80	3130	3.77	<2	1	9
22597		<10	<1	0.04	<10	0.91	1320	3	0.03	6	100	119	0.40	<2	3	32
22598		10	<1	0.51	<10	2.35	2410	123	0.16	18	80	125	4.47	<2	7	46
22599		<10	<1	0.05	<10	9.51	501	<1	0.04	4	200	4	0.05	<2	1	112
22600		10	<1	0.83	<10	3.82	3230	87	0.25	19	290	62	3.43	<2	4	60
22601		10	<1	0.52	<10	3.41	3210	54	0.17	48	210	94	>10.0	2	5	110
22602		10	<1	0.23	10	3.70	2080	75	0.09	22	150	231	8.21	<2	4	21
22603		10	<1	0.37	10	4.04	3160	140	0.13	52	350	1800	>10.0	<2	3	35
22604		<10	<1	0.08	10	6.03	4670	9	0.05	16	130	282	1.07	<2	3	33
22605		<10	<1	0.15	<10	0.73	842	1	0.06	12	250	113	3.20	<2	1	19
22606		<10	<1	0.20	<10	0.57	1230	3	0.08	9	300	19	1.92	<2	1	33
22607		<10	<1	0.07	<10	0.19	593	<1	0.03	4	150	3	0.55	<2	<1	14
22608		<10	<1	0.18	<10	0.50	1210	1	0.07	22	60	16	3.53	<2	1	9
22609		10	<1	<0.01	<10	6.76	1145	3	0.02	471	130	79	6.68	<2	24	2
22610		<10	<1	0.59	10	2.65	2010	3	0.03	16	520	>10000	8.17	35	2	23
22611		10	<1	0.02	<10	6.37	1350	5	0.02	275	220	42	1.95	<2	18	2
22612		10	<1	0.01	<10	1.77	1115	4	0.02	83	70	32	>10.0	<2	5	29
22613		<10	<1	0.11	<10	0.54	2260	6	0.03	20	20	19	7.63	<2	1	67
22614		<10	<1	0.26	<10	1.10	1710	20	0.07	46	40	70	>10.0	<2	1	89
22615		<10	<1	0.14	10	1.10	1655	22	0.05	63	40	684	>10.0	<2	1	57
22616		<10	<1	0.19	10	1.19	1605	18	0.05	45	80	269	>10.0	<2	2	63
22617		<10	<1	0.15	<10	0.90	1120	25	0.05	68	120	7810	>10.0	3	1	38
22618		<10	<1	0.05	<10	9.18	498	<1	0.04	4	190	14	0.06	2	1	103
22619		<10	<1	0.19	<10	1.12	1375	21	0.06	44	100	1655	7.36	<2	2	56
22620		<10	<1	0.19	<10	1.27	1175	29	0.06	91	70	352	>10.0	<2	2	34
22621		10	<1	0.16	<10	1.62	1060	39	0.04	91	90	223	>10.0	<2	3	19
22622		10	<1	<0.01	<10	3.64	773	84	0.02	129	160	938	3.92	<2	11	3
22623		<10	<1	<0.01	<10	0.57	180	7	0.02	13	60	66	2.26	<2	1	4
22624		10	<1	0.01	<10	1.23	434	25	0.02	38	120	1390	7.99	<2	2	6
22625		20	<1	0.01	<10	5.57	1160	<1	0.02	23	660	275	1.41	<2	4	6
22626		10	<1	0.01	<10	2.01	418	4	0.02	71	170	9070	>10.0	<2	3	1
22627		10	<1	<0.01	<10	1.79	324	9	0.02	134	110	9220	>10.0	<2	4	<1
22628		<10	5	0.41	10	2.01	1175	1	0.01	23	400	>10000	>10.0	139	2	17
22629		20	<1	0.01	<10	6.25	1025	6	0.01	389	250	963	3.97	<2	17	13
22630		<10	<1	0.01	<10	0.55	190	11	<0.01	64	80	1295	>10.0	<2	1	7
22631		10	<1	<0.01	<10	1.62	304	5	<0.01	61	270	563	>10.0	<2	2	3
22632		10	<1	<0.01	<10	3.04	593	10	0.01	109	290	298	9.55	<2	6	5
22633		10	<1	<0.01	10	4.95	1010	5	0.01	216	350	255	>10.0	<2	13	10
22634		10	<1	<0.01	20	6.39	1485	7	0.01	186	300	90	4.36	<2	16	15
22635		20	<1	0.01	10	5.50	1060	7	0.02	235	290	144	7.31	<2	17	7

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Finalized Date: 20-JUN-2015
Account: XQVTHK

Project: LUCKY IRISH

CERTIFICATE OF ANALYSIS SD15083139

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Cu-OG46	Pb-OG46	Zn-OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Cu	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001	0.001
22596		<20	0.01	<10	<10	16	<10	77				
22597		<20	0.02	<10	<10	13	<10	78				
22598		<20	0.01	<10	<10	27	<10	172		1.555		
22599		<20	0.01	<10	<10	7	<10	31				
22600		<20	0.02	<10	<10	46	<10	46				
22601		<20	0.01	<10	<10	40	<10	47		1.450		
22602		<20	0.02	<10	<10	29	<10	44				
22603		<20	0.01	<10	<10	27	<10	222				
22604		<20	0.01	<10	<10	13	<10	47				
22605		<20	<0.01	<10	<10	12	<10	411				
22606		<20	<0.01	<10	<10	23	<10	30				
22607		<20	<0.01	<10	<10	21	<10	22				
22608		<20	0.01	<10	<10	18	<10	40				
22609		<20	0.06	<10	<10	155	<10	146				
22610		<20	0.01	40	<10	9	<10	>10000			NSS	NSS
22611		<20	0.07	<10	<10	112	<10	173				
22612		<20	0.02	<10	<10	38	<10	62				
22613		<20	<0.01	<10	<10	7	<10	23				
22614		<20	<0.01	<10	<10	14	<10	53				
22615		<20	<0.01	<10	<10	9	<10	1750				
22616		<20	<0.01	<10	<10	15	<10	419				
22617		<20	0.01	<10	<10	10	<10	7090				
22618		<20	0.01	<10	10	8	<10	120				
22619		<20	0.01	<10	<10	13	<10	1910				
22620		<20	0.01	<10	<10	17	<10	67				
22621		<20	0.01	<10	<10	19	<10	116				
22622		<20	0.04	<10	<10	75	<10	175				
22623		<20	<0.01	<10	<10	12	<10	16				
22624		<20	0.01	<10	<10	17	<10	75				
22625		<20	0.03	<10	<10	43	<10	152				
22626		<20	0.02	<10	<10	22	<10	116				
22627		<20	0.02	<10	<10	30	<10	374				
22628		<20	0.01	40	<10	8	<10	>10000	101		4.84	10.60
22629		<20	0.06	<10	<10	113	<10	233				
22630		<20	<0.01	<10	<10	10	<10	22				
22631		<20	0.01	<10	<10	28	<10	49				
22632		<20	0.02	<10	<10	45	<10	64				
22633		<20	0.05	<10	<10	98	<10	101				
22634		<20	0.06	<10	<10	77	<10	104				
22635		<20	0.03	<10	<10	115	<10	95				

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CERTIFICATE OF ANALYSIS SD15083139

Sample Description	Method	WEI-21	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
22636		1.19	0.010	0.3	3.22	272	<10	<10	<0.5	<2	0.12	<0.5	89	431	102	16.25
22637		1.64	0.008	0.4	2.92	248	<10	<10	<0.5	<2	0.11	<0.5	81	433	464	15.40
22638		1.51	<0.005	0.4	2.03	75	<10	<10	<0.5	<2	0.09	1.8	46	189	165	6.52
22639		3.21	<0.005	0.7	3.59	116	<10	10	0.5	<2	0.06	5.5	51	517	174	8.61
22640		2.40	<0.005	0.4	3.02	215	<10	20	0.5	<2	0.07	1.5	64	370	137	9.13
22641		1.14	<0.005	0.8	2.85	130	<10	10	0.5	<2	0.07	1.3	39	282	214	6.67
22642		0.63	<0.005	1.5	2.15	76	<10	20	<0.5	<2	0.08	0.8	22	111	122	4.63
22643		2.98	<0.005	0.7	3.03	170	<10	10	<0.5	<2	0.07	<0.5	48	356	91	7.93
22644		2.42	<0.005	0.7	3.94	81	<10	<10	0.5	3	0.07	<0.5	55	196	965	9.79
22645		1.53	0.006	0.5	2.87	60	<10	10	<0.5	<2	0.10	<0.5	58	97	259	7.84
22646		0.87	0.032	1.5	4.97	163	<10	10	0.8	4	0.58	<0.5	199	101	1070	23.0
22647		1.18	0.008	0.7	2.94	18	<10	10	0.6	3	0.78	0.6	32	150	2100	11.15
22648		0.02	0.012	>100	0.38	225	<10	10	0.5	3	3.92	491	100	12	1320	11.65
22649		2.45	0.009	0.7	1.26	23	<10	<10	2.2	<2	0.08	1.3	34	38	1790	5.89
22650		1.29	0.012	1.4	5.02	5	<10	<10	1.1	2	0.22	<0.5	31	185	6350	11.65
22651		1.48	<0.005	<0.2	0.25	4	<10	<10	<0.5	<2	0.39	<0.5	3	12	22	1.82
22652		1.02	<0.005	<0.2	0.57	10	<10	<10	<0.5	<2	0.07	<0.5	8	14	20	3.46
22653		1.37	<0.005	<0.2	0.15	3	<10	<10	<0.5	<2	0.45	<0.5	2	13	3	1.02
22654		<0.02	0.009	60.0	0.91	143	<10	50	1.0	<2	4.64	142.0	40	13	478	7.32
22655		0.95	0.008	1.0	1.11	40	<10	<10	2.7	2	0.62	1.3	22	34	325	7.03
22656		2.68	<0.005	0.3	0.29	8	<10	<10	<0.5	<2	0.29	<0.5	4	19	48	1.94
22657		1.16	0.008	0.6	0.79	61	<10	<10	0.5	<2	0.26	<0.5	30	25	253	10.30
22658		3.30	0.047	2.2	1.12	314	<10	<10	<0.5	2	0.09	<0.5	56	14	254	27.3
22659		2.62	<0.005	0.3	0.28	18	<10	10	<0.5	<2	1.11	2.9	5	11	48	6.51
22660		2.83	<0.005	0.4	0.38	11	<10	10	0.5	<2	0.86	<0.5	4	9	19	6.26
22661		2.56	<0.005	0.2	0.26	7	<10	<10	<0.5	<2	0.38	1.7	3	17	20	4.66
22662		1.87	0.009	0.4	1.06	150	<10	10	<0.5	<2	1.78	<0.5	29	25	126	20.2
22663		2.14	<0.005	<0.2	0.14	4	<10	<10	0.5	<2	0.58	0.5	2	10	18	6.33
22664		2.33	<0.005	<0.2	0.28	12	<10	10	0.6	<2	0.59	<0.5	4	28	28	6.93
22665		3.05	<0.005	0.6	0.40	5	<10	10	0.5	<2	0.50	<0.5	16	28	23	11.60
22666		3.40	<0.005	0.6	0.45	2	<10	<10	0.6	<2	0.63	0.6	5	15	40	7.87
22667		1.25	<0.005	0.3	5.55	<2	<10	<10	0.6	<2	0.28	<0.5	26	60	2320	10.05
22668		2.52	0.007	1.8	2.33	8	<10	<10	<0.5	3	0.14	<0.5	26	25	7460	6.91
22669		1.45	<0.005	<0.2	0.23	<2	10	30	<0.5	<2	17.9	<0.5	<1	5	24	0.56
22670		2.44	<0.005	<0.2	0.42	<2	<10	10	0.7	<2	0.59	<0.5	9	39	67	11.85
22671		2.59	<0.005	<0.2	0.25	<2	<10	10	0.7	2	0.67	<0.5	7	18	40	11.50
22672		2.46	<0.005	<0.2	1.66	57	<10	<10	<0.5	<2	0.36	<0.5	34	254	264	3.77
22673		1.84	<0.005	0.3	2.63	95	<10	10	<0.5	3	0.10	<0.5	61	204	183	15.35
22674		1.96	<0.005	<0.2	2.92	64	<10	10	0.5	2	0.12	<0.5	49	318	87	12.85
22675		<0.02	0.013	>100	0.73	137	<10	60	0.8	<2	3.53	268	20	11	335	7.65

***** See Appendix Page for comments regarding this certificate *****

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To: **GAR LIMITED**
288 KENOGAMI LANE
SWASTIKA ON P0K 1T0

Finalized Date: 20-JUN-2015
Account: XQVTHK

Project: LUCKY IRISH

CERTIFICATE OF ANALYSIS SD15083139

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
22636		10	<1	0.01	<10	3.55	615	4	0.03	268	280	201	>10.0	<2	14	2
22637		10	<1	0.01	<10	3.39	545	4	0.02	246	240	92	>10.0	<2	14	2
22638		10	<1	0.01	<10	2.47	581	3	0.02	102	150	1400	3.33	<2	7	5
22639		10	<1	0.03	<10	3.86	748	10	0.01	222	200	3870	3.61	<2	13	3
22640		10	<1	0.12	<10	3.20	626	4	0.01	262	250	2090	5.84	<2	7	2
22641		10	<1	0.06	<10	3.08	577	4	0.02	185	220	4680	2.95	<2	7	3
22642		10	<1	0.11	<10	2.14	422	11	0.02	111	260	5620	1.75	2	3	3
22643		10	<1	0.07	<10	3.29	595	10	0.02	199	280	2760	4.14	<2	8	2
22644		10	<1	0.01	<10	4.48	668	8	0.02	135	230	1215	4.17	<2	8	2
22645		10	<1	0.04	<10	3.20	550	5	0.02	82	220	992	3.53	<2	5	3
22646		20	<1	0.03	<10	5.26	925	49	0.01	129	420	521	>10.0	<2	7	4
22647		10	<1	0.03	<10	3.56	1205	6	0.01	58	560	240	4.23	<2	5	8
22648		<10	3	0.14	<10	1.93	3210	5	0.01	20	300	>10000	>10.0	91	<1	24
22649		10	<1	0.03	<10	1.55	494	10	0.01	23	160	61	3.22	<2	2	2
22650		20	<1	<0.01	<10	5.40	1090	7	<0.01	59	780	23	2.03	<2	7	9
22651		<10	<1	0.03	<10	0.45	254	1	0.02	4	20	30	0.65	<2	1	8
22652		<10	<1	0.02	<10	0.60	307	5	0.01	9	40	42	1.74	<2	1	6
22653		<10	<1	<0.01	<10	0.38	160	<1	0.01	2	10	17	0.33	<2	<1	6
22654		<10	1	0.60	10	2.66	2010	3	0.02	17	530	>10000	8.41	38	2	25
22655		<10	<1	<0.01	<10	1.51	747	24	0.01	30	110	1750	3.63	<2	2	5
22656		<10	<1	<0.01	<10	0.42	370	4	0.01	6	60	457	0.62	<2	1	6
22657		<10	<1	0.01	<10	0.87	1635	36	0.01	46	80	146	6.58	<2	2	3
22658		<10	<1	<0.01	<10	0.78	371	1	0.01	63	100	295	>10.0	<2	3	1
22659		<10	<1	0.16	<10	0.87	583	2	0.02	17	180	781	4.26	<2	1	12
22660		<10	<1	0.22	<10	0.76	936	15	0.03	10	260	142	2.37	<2	1	16
22661		<10	<1	0.15	<10	0.36	666	3	0.02	8	30	361	1.90	<2	1	9
22662		<10	<1	0.18	<10	1.19	1335	3	0.03	35	70	33	>10.0	<2	2	22
22663		<10	<1	0.08	<10	0.24	654	2	0.02	6	160	32	1.62	<2	<1	11
22664		<10	<1	0.14	<10	0.38	1050	2	0.04	10	80	15	1.39	<2	1	22
22665		<10	<1	0.21	<10	0.59	1510	10	0.06	25	60	384	6.01	<2	1	8
22666		<10	<1	0.08	<10	0.64	1235	6	0.02	17	230	208	1.72	<2	1	6
22667		30	<1	0.01	<10	6.62	1100	<1	0.02	49	920	18	0.60	<2	6	9
22668		20	<1	0.01	<10	3.30	425	3	<0.01	30	380	22	2.43	<2	3	4
22669		<10	<1	0.06	<10	8.97	460	1	0.03	3	170	7	0.04	<2	1	119
22670		<10	<1	0.12	<10	0.62	691	1	0.03	14	310	3	0.61	<2	1	20
22671		<10	<1	0.08	<10	0.47	1250	1	0.02	8	280	3	0.78	<2	1	12
22672		10	<1	<0.01	<10	2.20	339	1	0.01	150	90	373	1.46	<2	8	7
22673		10	<1	0.04	<10	2.75	595	1	0.01	150	220	51	>10.0	<2	9	1
22674		10	<1	0.07	<10	2.93	810	<1	0.01	195	250	47	>10.0	<2	13	1
22675		<10	3	0.44	10	2.01	1210	2	0.01	24	390	>10000	>10.0	131	2	15

***** See Appendix Page for comments regarding this certificate *****

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288 KENOGAMI LANE
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Finalized Date: 20-JUN-2015
Account: XQVTHK

Project: LUCKY IRISH

CERTIFICATE OF ANALYSIS SD15083139

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Cu-OG46	Pb-OG46	Zn-OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Cu	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001	0.001
22636		<20	0.03	<10	<10	114	<10	75				
22637		<20	0.04	<10	<10	110	<10	79				
22638		<20	0.02	<10	<10	46	<10	399				
22639		<20	0.01	<10	<10	93	<10	1410				
22640		<20	0.01	<10	<10	57	<10	475				
22641		<20	0.01	<10	<10	56	<10	354				
22642		<20	<0.01	<10	<10	27	<10	252				
22643		<20	0.01	<10	<10	68	<10	108				
22644		<20	0.02	<10	<10	57	<10	135				
22645		<20	0.01	<10	<10	38	<10	173				
22646		<20	0.02	<10	<10	81	<10	116				
22647		<20	0.03	<10	<10	55	<10	237				
22648		<20	<0.01	60	<10	4	<10	>10000	202		12.50	17.10
22649		<20	0.02	<10	<10	22	<10	193				
22650		<20	0.06	<10	<10	77	<10	108				
22651		<20	<0.01	<10	<10	6	<10	51				
22652		<20	0.01	<10	<10	14	<10	93				
22653		<20	<0.01	<10	<10	3	<10	36				
22654		<20	0.01	40	<10	9	<10	>10000			3.57	4.86
22655		<20	0.01	<10	<10	20	<10	535				
22656		<20	<0.01	<10	<10	6	<10	204				
22657		<20	0.01	<10	<10	15	<10	797				
22658		<20	0.01	10	<10	22	<10	172				
22659		<20	<0.01	<10	<10	7	<10	457				
22660		<20	<0.01	<10	<10	9	<10	27				
22661		<20	<0.01	<10	<10	7	<10	350				
22662		<20	0.01	<10	<10	25	<10	68				
22663		<20	<0.01	<10	<10	5	<10	87				
22664		<20	<0.01	<10	<10	8	<10	46				
22665		<20	0.01	<10	<10	9	<10	52				
22666		<20	0.01	<10	<10	10	<10	94				
22667		<20	0.08	<10	<10	92	<10	99				
22668		<20	0.03	<10	<10	56	<10	72				
22669		<20	0.01	<10	<10	6	<10	27				
22670		<20	0.02	<10	<10	26	<10	72				
22671		<20	0.01	<10	<10	10	<10	16				
22672		<20	0.01	<10	<10	59	<10	67				
22673		<20	0.02	<10	<10	63	<10	50				
22674		<20	0.05	<10	<10	94	<10	55				
22675		<20	0.01	40	<10	9	<10	>10000	106		5.08	11.20

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Finalized Date: 20-JUN-2015
Account: XQVTHK

Project: LUCKY IRISH

CERTIFICATE OF ANALYSIS SD15083139

Sample Description	Method	WEI-21	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
22676		2.24	<0.005	0.4	3.11	93	<10	10	0.6	3	0.12	0.8	58	370	102	16.55
22677		1.37	<0.005	<0.2	0.21	3	10	30	<0.5	<2	17.1	<0.5	<1	5	15	0.64
22678		1.77	<0.005	0.3	2.79	20	<10	10	0.7	2	0.14	17.5	7	21	145	9.52
22679		2.60	<0.005	<0.2	3.72	10	<10	10	0.6	<2	0.90	2.8	7	19	21	8.58
22680		2.81	<0.005	<0.2	2.95	5	<10	<10	0.6	<2	1.09	1.1	5	5	42	6.92
22681		1.03	<0.005	<0.2	3.04	19	<10	<10	0.9	<2	0.82	1.3	15	9	83	8.46
22682		1.39	<0.005	0.5	0.41	45	<10	<10	<0.5	<2	0.56	0.7	9	23	44	2.80
22683		2.63	<0.005	0.9	2.96	123	<10	10	0.6	5	0.09	<0.5	102	333	383	23.1
22684		2.06	<0.005	0.3	3.30	74	<10	10	0.7	<2	0.12	<0.5	58	320	156	15.15
22685		2.46	0.006	2.2	2.16	142	<10	10	0.5	7	0.06	<0.5	99	195	2340	25.4
22686		2.54	<0.005	0.9	3.14	108	<10	10	0.7	5	0.07	<0.5	76	394	432	21.7
22687		2.12	<0.005	0.6	3.66	101	<10	10	0.9	5	0.08	<0.5	86	406	785	21.3
22688		2.51	<0.005	0.3	3.60	77	<10	10	0.8	2	0.09	<0.5	67	436	562	17.65
22689		0.83	<0.005	0.3	2.19	77	<10	10	<0.5	<2	0.08	0.6	39	145	88	9.18
22690		2.78	<0.005	0.5	2.67	176	<10	10	<0.5	6	0.09	<0.5	74	322	144	21.5
22691		2.12	<0.005	0.2	3.13	168	<10	10	<0.5	4	0.12	0.7	66	415	113	21.2
22692		2.16	<0.005	<0.2	3.07	152	<10	10	0.6	<2	0.73	2.5	48	298	132	9.12
22693		2.65	<0.005	<0.2	1.50	16	<10	20	<0.5	<2	2.35	<0.5	10	43	13	2.64
22694		1.09	<0.005	0.3	3.36	117	<10	10	0.5	<2	1.01	0.8	49	281	42	12.05
22695		0.02	0.008	>100	0.74	141	<10	50	0.8	<2	3.61	272	19	11	339	7.70
22696		2.48	0.005	0.4	3.31	185	<10	10	0.5	2	0.98	1.5	70	439	104	23.1
22697		2.66	<0.005	0.4	3.36	238	<10	10	<0.5	4	0.42	1.2	69	373	150	22.1
22698		2.73	0.006	0.5	2.78	212	<10	10	<0.5	4	0.96	2.3	64	277	129	25.1
22699		1.07	0.034	1.4	4.28	130	<10	10	1.1	13	0.14	<0.5	91	107	1990	21.1
22700		1.82	0.017	0.7	4.01	75	<10	30	2.0	<2	0.26	<0.5	65	44	118	23.9
22701		1.64	<0.005	<0.2	0.21	<2	<10	20	<0.5	<2	18.5	<0.5	1	4	13	0.67
22702		1.08	0.006	0.2	5.36	20	<10	<10	1.5	<2	0.30	<0.5	20	46	132	12.95
22703		3.79	<0.005	<0.2	2.82	3	<10	<10	0.6	<2	0.30	<0.5	10	57	3	5.44
22704		2.78	<0.005	<0.2	0.80	8	<10	<10	0.6	<2	0.37	<0.5	7	15	51	11.50
22705		2.61	0.011	0.2	0.86	15	<10	10	<0.5	<2	0.05	<0.5	24	15	78	14.65
22706		2.03	<0.005	<0.2	1.03	7	<10	10	0.5	<2	0.55	<0.5	11	77	26	9.17
22707		1.53	<0.005	0.7	0.26	43	<10	<10	0.9	<2	0.20	1.4	10	15	55	2.41
22708		0.91	<0.005	0.9	2.44	144	<10	10	0.5	<2	0.06	<0.5	97	333	255	26.0
22709		2.71	<0.005	<0.2	3.62	10	<10	<10	<0.5	<2	4.31	<0.5	45	436	70	6.21
22710		1.22	<0.005	<0.2	4.48	40	<10	<10	0.6	<2	7.6	<0.5	69	1250	54	6.74
22711		1.39	<0.005	<0.2	5.04	50	<10	<10	0.9	<2	2.68	<0.5	58	886	46	9.41
22712		2.33	<0.005	<0.2	5.47	6	<10	<10	0.8	<2	0.35	<0.5	44	479	4	8.34
22713		2.18	<0.005	<0.2	6.37	4	<10	<10	0.9	<2	0.23	<0.5	52	621	2	10.25
22714		0.79	<0.005	<0.2	6.54	8	<10	<10	1.0	<2	0.59	<0.5	61	1035	3	10.55
22715		0.02	<0.005	59.9	0.93	144	<10	20	1.0	2	4.54	141.5	40	14	482	7.20

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www.alsglobal.com

To: **GAR LIMITED**
288 KENOGAMI LANE
SWASTIKA ON P0K 1T0

Finalized Date: 20-JUN-2015
Account: XQVTHK

Project: LUCKY IRISH

CERTIFICATE OF ANALYSIS SD15083139

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
22676		10	<1	0.05	<10	3.17	943	3	0.01	215	170	624	>10.0	<2	13	1
22677		<10	<1	0.06	<10	8.84	487	1	0.02	5	160	69	0.09	<2	1	103
22678		10	<1	0.07	10	2.28	1290	3	0.01	61	190	733	4.21	<2	5	2
22679		10	<1	0.06	20	1.99	3140	1	<0.01	30	260	92	0.32	<2	6	7
22680		10	<1	0.03	10	2.12	1990	1	<0.01	12	200	71	0.82	<2	5	6
22681		10	<1	0.01	10	2.71	1505	2	<0.01	59	160	333	2.56	<2	6	5
22682		<10	<1	0.01	<10	0.59	420	2	<0.01	34	40	5850	1.66	<2	1	2
22683		10	<1	0.03	<10	2.84	802	3	0.01	200	150	232	>10.0	<2	13	<1
22684		10	<1	0.04	<10	3.34	905	2	0.01	224	220	474	>10.0	<2	15	<1
22685		10	<1	0.04	<10	2.12	493	11	0.01	191	120	476	>10.0	<2	7	<1
22686		10	<1	0.03	<10	3.41	750	1	0.01	191	150	187	>10.0	<2	13	<1
22687		10	<1	0.04	<10	4.01	848	2	0.01	219	180	166	>10.0	<2	16	<1
22688		10	<1	0.04	<10	3.81	813	3	0.01	231	170	125	>10.0	<2	17	<1
22689		10	<1	0.09	<10	2.17	541	2	0.02	148	210	653	7.43	<2	5	1
22690		10	<1	0.07	10	2.18	727	2	0.01	221	160	1240	>10.0	<2	10	<1
22691		10	<1	0.07	10	2.67	875	2	0.01	203	170	173	>10.0	<2	12	<1
22692		10	<1	0.07	<10	2.93	922	3	0.02	253	300	359	4.67	<2	12	15
22693		10	<1	0.04	20	1.28	532	<1	0.05	31	660	93	0.10	<2	5	58
22694		10	<1	0.07	10	3.02	1110	1	0.02	149	340	1750	7.36	<2	13	14
22695		<10	5	0.44	10	2.05	1200	2	0.01	25	400	>10000	>10.0	129	2	15
22696		10	<1	0.04	<10	2.71	1015	1	0.01	219	180	153	>10.0	<2	14	23
22697		10	<1	0.05	<10	2.64	941	1	0.01	240	170	436	>10.0	<2	13	4
22698		10	<1	0.04	<10	2.07	902	4	0.02	181	180	803	>10.0	<2	13	12
22699		20	<1	0.05	<10	4.68	951	137	0.01	82	490	875	>10.0	<2	6	4
22700		10	<1	0.35	<10	5.30	1575	23	0.07	59	590	183	>10.0	<2	8	16
22701		<10	<1	0.06	<10	9.34	451	<1	0.04	4	160	7	0.13	<2	1	107
22702		20	<1	0.02	<10	6.83	926	9	0.02	35	640	218	3.76	<2	5	11
22703		10	<1	<0.01	10	3.39	637	<1	0.06	33	840	20	0.39	<2	5	24
22704		<10	<1	0.18	<10	0.88	1095	1	0.08	11	230	59	3.18	<2	1	15
22705		<10	<1	0.21	<10	0.67	1125	16	0.09	29	70	14	>10.0	<2	2	7
22706		<10	<1	0.10	10	0.95	1115	1	0.04	23	280	8	3.60	<2	3	17
22707		<10	<1	0.02	<10	0.43	254	5	<0.01	31	50	7720	1.65	<2	1	3
22708		10	<1	0.03	<10	2.50	561	2	0.01	230	140	279	>10.0	<2	10	<1
22709		10	<1	0.01	<10	4.21	1030	<1	0.02	164	250	4	0.21	<2	29	63
22710		10	<1	0.01	<10	6.44	1340	<1	<0.01	528	170	2	0.17	<2	23	97
22711		10	<1	0.02	<10	6.69	1105	<1	<0.01	407	580	48	2.62	<2	23	36
22712		10	<1	0.01	10	6.90	1225	<1	0.01	186	270	4	0.14	<2	32	3
22713		10	<1	0.01	<10	7.67	1580	<1	<0.01	198	240	2	0.22	<2	33	2
22714		10	<1	0.01	<10	7.82	1380	<1	<0.01	298	280	10	0.34	<2	30	4
22715		<10	1	0.59	10	2.62	2030	3	0.01	16	530	>10000	8.31	38	2	24

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288 KENOGAMI LANE
SWASTIKA ON P0K 1T0

Finalized Date: 20-JUN-2015
Account: XQVTHK

Project: LUCKY IRISH

CERTIFICATE OF ANALYSIS SD15083139

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Cu-OG46	Pb-OG46	Zn-OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Cu	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001	0.001
22676		<20	0.05	<10	<10	85	<10	301				
22677		<20	0.01	<10	<10	6	<10	74				
22678		<20	0.03	<10	<10	7	<10	3490				
22679		<20	0.06	<10	<10	7	<10	846				
22680		<20	0.04	<10	<10	3	<10	382				
22681		<20	0.04	<10	<10	4	<10	368				
22682		<20	0.01	<10	<10	4	<10	172				
22683		<20	0.05	<10	<10	85	<10	87				
22684		<20	0.06	<10	<10	103	<10	104				
22685		<20	0.02	<10	<10	53	<10	77				
22686		<20	0.03	<10	<10	93	<10	73				
22687		<20	0.04	<10	<10	107	<10	75				
22688		<20	0.04	<10	<10	110	<10	100				
22689		<20	0.02	<10	<10	36	<10	131				
22690		<20	0.04	<10	<10	74	<10	216				
22691		<20	0.06	<10	<10	91	<10	271				
22692		<20	0.04	<10	<10	93	<10	398				
22693		<20	0.05	<10	<10	48	<10	110				
22694		<20	0.03	<10	<10	103	<10	251				
22695		<20	0.01	40	<10	9	<10	>10000	103		4.95	10.75
22696		<20	0.01	<10	<10	96	<10	487				
22697		<20	0.01	<10	<10	95	<10	426				
22698		<20	0.01	<10	<10	90	<10	545				
22699		<20	0.02	<10	<10	66	<10	256				
22700		<20	0.03	<10	<10	81	<10	138				
22701		<20	0.01	<10	<10	6	<10	58				
22702		<20	0.03	<10	<10	39	<10	177				
22703		<20	0.02	<10	<10	43	<10	86				
22704		<20	0.01	<10	<10	16	<10	129				
22705		<20	0.01	<10	<10	14	<10	15				
22706		<20	0.03	<10	<10	23	<10	20				
22707		<20	<0.01	<10	<10	3	<10	440				
22708		<20	0.03	10	<10	73	<10	67				
22709		<20	0.15	<10	<10	212	<10	105				
22710		<20	0.11	<10	<10	164	<10	82				
22711		<20	0.09	10	<10	166	<10	109				
22712		<20	0.18	<10	<10	215	<10	112				
22713		<20	0.16	<10	<10	232	<10	127				
22714		<20	0.13	<10	<10	217	<10	127				
22715		<20	0.01	40	<10	10	<10	>10000			3.61	4.86

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Finalized Date: 20-JUN-2015
Account: XQVTHK

Project: LUCKY IRISH

CERTIFICATE OF ANALYSIS SD15083139

Sample Description	Method	WEI-21	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
22716		1.79	<0.005	<0.2	8.06	16	<10	<10	1.8	<2	0.41	<0.5	39	632	11	14.45
22717		1.98	<0.005	<0.2	6.46	5	<10	<10	0.9	<2	0.30	<0.5	21	321	5	12.20
22718		0.64	<0.005	0.6	4.20	85	<10	<10	1.4	2	0.86	<0.5	55	119	154	19.35
22719		1.13	<0.005	<0.2	0.43	5	<10	10	1.6	<2	6.48	<0.5	8	22	51	5.66
22720		1.14	0.016	8.3	2.77	1035	<10	<10	3.2	<2	0.09	107.5	107	20	6150	23.9
22721		1.34	0.010	2.3	0.82	427	<10	<10	1.3	2	0.05	20.5	42	10	2200	8.60
22722		1.25	<0.005	<0.2	0.19	3	10	90	<0.5	<2	17.9	<0.5	1	4	20	0.57
22723		1.13	<0.005	0.6	0.50	112	<10	<10	<0.5	<2	0.04	2.1	22	11	239	9.04
22724		0.97	<0.005	1.0	0.55	137	<10	<10	<0.5	2	0.07	<0.5	31	9	874	12.40
22725		1.14	<0.005	3.7	0.88	252	<10	<10	1.0	2	3.44	<0.5	36	26	8550	7.83
22726		1.97	<0.005	2.6	2.26	545	<10	<10	4.6	2	0.67	<0.5	123	36	2260	20.3
22727		1.17	<0.005	2.0	0.64	61	<10	<10	2.0	2	1.00	<0.5	11	14	2440	3.84
22728		2.65	<0.005	0.4	0.31	7	<10	<10	1.0	<2	1.24	<0.5	3	13	212	4.76
22729		1.68	<0.005	<0.2	3.62	38	<10	10	<0.5	<2	4.91	<0.5	44	340	194	6.10
22730		0.64	0.012	0.3	1.46	102	<10	<10	<0.5	<2	1.72	<0.5	48	173	962	4.98
22731		4.03	<0.005	<0.2	5.19	48	<10	<10	0.8	2	0.23	<0.5	60	745	345	8.36
22732		3.37	<0.005	<0.2	6.04	19	<10	<10	0.9	<2	0.08	<0.5	64	680	133	8.59
22733		1.97	0.028	0.3	2.34	182	<10	<10	0.5	<2	0.10	<0.5	110	301	310	10.25
22734		1.96	0.020	0.4	2.47	169	<10	<10	0.6	<2	0.10	<0.5	110	284	624	9.66
22735		0.02	NSS	>100	0.40	227	<10	10	0.5	<2	4.04	509	101	12	1390	11.85
22736		1.39	0.030	0.7	1.92	259	<10	<10	0.5	<2	0.07	0.9	103	205	423	17.20
22737		1.34	0.017	0.4	2.44	177	<10	<10	1.1	2	0.09	0.5	90	255	763	11.05
22738		2.62	<0.005	0.2	6.14	30	<10	<10	1.5	<2	0.06	<0.5	67	801	872	9.75
22739		2.60	<0.005	0.2	6.44	20	<10	<10	3.1	<2	0.05	<0.5	72	785	777	10.25
22740		3.19	0.007	0.2	4.73	80	<10	<10	1.0	2	0.06	<0.5	87	653	379	11.25
22741		1.52	<0.005	<0.2	2.66	42	<10	<10	<0.5	<2	0.13	<0.5	31	261	204	6.96
22742		0.70	0.015	0.3	3.04	379	<10	<10	<0.5	5	0.10	<0.5	138	360	371	19.50
22743		3.13	<0.005	<0.2	3.08	12	<10	<10	<0.5	<2	0.32	<0.5	29	116	19	4.88
22744		2.18	<0.005	0.3	2.77	49	<10	<10	<0.5	3	0.16	1.4	54	243	1030	6.32
22745		2.56	<0.005	<0.2	2.04	14	<10	<10	<0.5	<2	0.17	<0.5	15	33	65	3.33
22746		3.02	<0.005	0.3	4.76	151	<10	<10	0.8	<2	0.10	<0.5	85	460	1020	11.45
22747		1.10	<0.005	<0.2	2.37	27	<10	10	<0.5	<2	0.19	<0.5	26	106	1010	3.52
22748		1.36	<0.005	0.2	4.72	226	<10	<10	0.8	2	0.09	<0.5	144	612	1190	10.95
22749		2.30	<0.005	0.6	3.91	168	<10	<10	0.5	3	0.05	<0.5	98	469	2000	23.7
22750		1.13	<0.005	<0.2	0.25	<2	10	30	<0.5	<2	17.7	<0.5	<1	7	16	0.65
447401		2.43	<0.005	<0.2	1.87	4	<10	60	<0.5	<2	0.29	<0.5	83	1065	113	6.85
447402		2.71	<0.005	0.5	0.82	23	<10	10	<0.5	2	0.32	1.0	505	226	141	12.85
447403		2.66	<0.005	0.2	1.13	6	<10	30	<0.5	2	0.44	1.5	71	230	147	9.94
447404		2.48	<0.005	<0.2	0.76	11	<10	20	<0.5	3	0.12	0.6	31	85	86	6.07
447405		2.29	<0.005	<0.2	1.61	6	<10	<10	<0.5	2	0.18	<0.5	39	512	58	4.34

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Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
22716		20	<1	0.02	10	10.40	1370	4	<0.01	217	1410	54	2.35	<2	18	15
22717		20	<1	0.01	10	7.37	1370	<1	<0.01	114	1230	12	1.05	<2	11	13
22718		10	<1	0.03	<10	4.94	879	5	<0.01	145	650	86	>10.0	<2	14	9
22719		<10	<1	0.15	10	4.18	2860	<1	0.03	21	200	1040	1.82	<2	5	26
22720		10	<1	0.04	<10	2.77	595	18	0.01	76	260	>10000	>10.0	11	5	1
22721		<10	<1	0.01	<10	0.80	314	6	<0.01	22	160	>10000	8.50	4	2	2
22722		<10	<1	0.05	<10	9.35	458	<1	0.02	4	180	61	0.06	<2	1	112
22723		<10	<1	<0.01	<10	0.51	242	<1	<0.01	20	30	2930	9.61	4	1	1
22724		<10	<1	0.01	<10	0.59	291	4	<0.01	28	30	796	>10.0	2	1	<1
22725		<10	<1	0.09	<10	3.02	1490	16	0.02	20	120	453	5.40	<2	3	14
22726		10	<1	0.06	<10	2.96	908	30	0.01	55	250	683	>10.0	3	5	4
22727		<10	<1	0.07	<10	1.10	658	1	0.01	7	270	3230	1.43	<2	1	7
22728		<10	<1	0.11	<10	0.63	581	3	0.02	1	450	161	0.50	<2	1	13
22729		10	<1	0.06	<10	4.40	1150	<1	0.01	146	280	8	2.04	<2	18	33
22730		10	<1	0.02	<10	2.80	305	2	0.02	177	250	22	3.42	<2	7	10
22731		10	<1	0.01	<10	5.79	755	<1	0.01	294	250	6	1.33	<2	30	2
22732		10	<1	<0.01	<10	6.94	774	<1	<0.01	296	250	3	0.69	<2	32	2
22733		10	<1	0.01	<10	3.48	217	5	0.02	282	320	44	9.41	3	13	2
22734		10	<1	0.01	<10	3.62	229	6	0.02	265	340	33	8.49	<2	13	2
22735		<10	4	0.14	<10	1.98	3360	5	0.01	21	310	>10000	>10.0	98	<1	24
22736		10	<1	0.02	<10	2.68	178	4	0.02	256	250	63	>10.0	2	8	1
22737		10	<1	0.02	10	3.57	219	4	0.02	251	300	30	>10.0	2	11	2
22738		20	1	0.01	<10	8.07	452	<1	<0.01	302	220	10	2.29	<2	29	1
22739		20	<1	0.01	<10	8.67	439	<1	<0.01	304	150	3	2.59	<2	31	2
22740		10	<1	0.01	<10	6.52	349	7	0.01	284	180	15	6.72	<2	22	3
22741		10	<1	0.01	<10	3.49	244	13	0.03	138	520	6	3.77	<2	8	6
22742		10	<1	0.01	<10	3.26	268	20	0.01	416	260	33	>10.0	<2	9	4
22743		10	<1	0.01	<10	4.31	267	2	0.03	81	740	5	0.88	<2	7	8
22744		10	<1	0.01	<10	3.82	272	27	0.03	135	450	65	3.30	<2	7	7
22745		10	<1	0.02	10	2.89	187	<1	0.04	32	640	5	1.03	<2	5	8
22746		20	<1	0.03	<10	6.76	370	17	<0.01	328	310	26	7.24	<2	16	2
22747		10	<1	0.02	10	3.24	207	<1	0.04	69	790	8	0.64	<2	6	9
22748		20	<1	0.01	<10	6.58	444	5	0.01	330	330	29	5.61	<2	17	3
22749		10	<1	0.01	<10	4.58	352	7	<0.01	259	150	34	>10.0	<2	13	<1
22750		<10	<1	0.06	<10	8.97	444	<1	0.03	4	160	6	0.08	<2	1	103
447401		10	<1	0.29	<10	2.04	553	1	0.04	721	140	3	5.51	<2	10	4
447402		<10	<1	0.04	<10	0.84	219	1	0.01	1015	110	97	>10.0	<2	1	5
447403		<10	<1	0.20	<10	1.09	534	2	0.03	357	250	11	8.59	<2	5	4
447404		<10	<1	0.12	10	0.57	254	2	0.04	100	360	13	5.15	<2	3	11
447405		10	<1	0.01	10	2.38	341	1	0.03	326	300	8	2.21	<2	3	2

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **GAR LIMITED**
288 KENOGAMI LANE
SWASTIKA ON P0K 1T0

Finalized Date: 20-JUN-2015
Account: XQVTHK

Project: LUCKY IRISH

CERTIFICATE OF ANALYSIS SD15083139

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Cu-OG46	Pb-OG46	Zn-OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Cu	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001	0.001
22716		<20	0.02	10	<10	146	<10	202				
22717		<20	0.05	<10	<10	93	<10	119				
22718		<20	0.10	10	<10	137	<10	69				
22719		<20	<0.01	<10	<10	9	<10	197				
22720		<20	0.01	10	<10	33	10	>10000			2.95	1.660
22721		<20	<0.01	<10	<10	11	<10	3420			1.495	
22722		<20	0.01	<10	<10	7	<10	82				
22723		<20	<0.01	<10	<10	7	<10	417				
22724		<20	<0.01	<10	<10	7	<10	86				
22725		<20	0.01	<10	<10	17	<10	69				
22726		<20	0.01	<10	<10	32	<10	86				
22727		<20	<0.01	<10	<10	9	<10	30				
22728		<20	<0.01	<10	<10	7	<10	37				
22729		<20	0.01	<10	<10	170	<10	101				
22730		<20	0.02	<10	<10	45	<10	105				
22731		<20	0.03	<10	<10	247	<10	134				
22732		<20	0.02	<10	<10	241	<10	142				
22733		<20	0.01	<10	<10	88	<10	246				
22734		<20	0.02	<10	<10	87	<10	205				
22735		<20	<0.01	60	<10	4	<10	>10000	NSS		NSS	NSS
22736		<20	<0.01	<10	<10	54	<10	446				
22737		<20	0.01	<10	<10	78	<10	248				
22738		<20	0.01	<10	<10	223	<10	151				
22739		<20	0.01	<10	<10	232	<10	122				
22740		<20	0.01	<10	<10	150	<10	163				
22741		<20	<0.01	<10	<10	69	<10	87				
22742		<20	0.01	<10	<10	69	<10	176				
22743		<20	0.01	<10	<10	64	<10	63				
22744		<20	<0.01	<10	<10	65	<10	437				
22745		<20	<0.01	<10	<10	48	<10	49				
22746		<20	<0.01	<10	<10	105	<10	202				
22747		<20	<0.01	<10	<10	60	<10	55				
22748		<20	<0.01	<10	<10	116	<10	168				
22749		<20	<0.01	<10	<10	81	<10	236				
22750		<20	0.01	<10	<10	7	<10	27				
447401		<20	0.08	<10	<10	121	<10	97				
447402		<20	0.04	<10	<10	15	<10	523				
447403		<20	0.10	<10	<10	53	<10	887				
447404		<20	0.04	<10	<10	29	<10	303				
447405		<20	0.09	<10	<10	25	<10	172				

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To: **GAR LIMITED**
288 KENOGAMI LANE
SWASTIKA ON P0K 1T0

Finalized Date: 20-JUN-2015
Account: XQVTHK

Project: LUCKY IRISH

CERTIFICATE OF ANALYSIS SD15083139

Sample Description	Method	WEI-21	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
	LOR	0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
R345001		1.95	<0.005	0.8	4.89	258	<10	<10	0.8	3	0.06	<0.5	169	776	3640	16.00
R345002		1.83	<0.005	0.2	4.87	71	<10	10	0.8	<2	0.06	<0.5	69	837	725	17.60
R345003		1.46	0.007	0.9	1.05	203	<10	<10	<0.5	<2	0.04	<0.5	113	39	523	25.8
R345004		2.29	0.007	1.1	1.24	225	<10	<10	<0.5	4	0.03	<0.5	90	24	212	27.3
R345005		1.88	<0.005	0.2	0.58	120	<10	<10	1.0	<2	0.25	<0.5	31	34	140	17.65
R345006		0.02	NSS	58.1	0.93	141	<10	40	1.0	<2	4.60	139.5	40	13	490	7.34
R345007		4.67	0.006	0.9	1.17	271	<10	<10	<0.5	<2	0.26	<0.5	69	31	133	28.5
R345008		3.08	0.007	0.7	1.94	252	<10	<10	<0.5	4	0.04	<0.5	61	53	77	26.4
R345009		2.49	0.008	0.9	1.58	298	<10	<10	<0.5	<2	0.03	<0.5	42	38	125	26.0
R345010		1.37	<0.005	0.7	1.26	290	<10	<10	<0.5	<2	0.03	<0.5	43	20	97	23.0
R345011		2.73	<0.005	2.9	0.61	1225	<10	<10	<0.5	<2	0.46	148.0	18	40	1020	9.90
R345012		1.78	<0.005	2.3	0.40	428	<10	<10	<0.5	<2	0.07	69.0	24	10	1450	13.15
R345013		2.12	<0.005	0.6	0.63	178	<10	10	<0.5	<2	1.09	0.9	9	12	68	9.31
R345014		2.46	<0.005	1.1	0.31	256	<10	<10	<0.5	2	0.33	25.9	7	27	663	2.70
R345015		2.02	<0.005	0.7	0.22	1065	<10	<10	<0.5	<2	0.36	0.6	15	23	685	1.70
R345016		0.73	0.026	2.9	1.21	173	<10	<10	<0.5	10	0.07	1.1	109	26	2940	18.60
R345017		0.96	0.014	3.4	0.82	163	<10	<10	<0.5	8	0.06	2.7	72	34	4950	12.00
R345018		1.28	0.028	2.0	1.28	388	<10	<10	<0.5	<2	0.47	<0.5	35	45	282	17.45
R345019		1.17	0.005	0.5	0.57	100	<10	<10	<0.5	2	0.16	1.1	13	16	287	6.50
R345020		0.95	0.010	1.8	1.06	86	<10	10	0.6	2	0.09	1.4	20	29	240	10.05
R345021		1.46	<0.005	<0.2	0.22	2	10	30	<0.5	<2	18.2	<0.5	1	4	17	0.62
R345022		1.11	<0.005	<0.2	0.15	4	<10	<10	0.5	<2	0.10	<0.5	4	5	6	2.71
R345023		1.85	0.028	0.9	0.50	106	<10	<10	<0.5	2	0.04	<0.5	29	12	2290	5.04

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To: **GAR LIMITED**
288 KENOGAMI LANE
SWASTIKA ON P0K 1T0

Finalized Date: 20-JUN-2015
Account: XQVTHK

Project: LUCKY IRISH

CERTIFICATE OF ANALYSIS SD15083139

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
R345001		20	<1	0.01	<10	6.26	469	10	<0.01	318	220	195	>10.0	<2	17	2
R345002		10	<1	0.03	<10	5.08	573	2	<0.01	250	200	51	>10.0	<2	18	1
R345003		10	<1	<0.01	<10	0.98	143	10	0.01	91	160	60	>10.0	<2	2	1
R345004		<10	<1	<0.01	<10	1.41	167	3	0.01	85	60	140	>10.0	<2	2	<1
R345005		<10	<1	<0.01	<10	0.74	229	4	<0.01	51	140	253	>10.0	<2	2	1
R345006		<10	<1	0.59	10	2.63	2010	3	0.01	18	500	>10000	8.37	33	2	22
R345007		<10	<1	<0.01	<10	1.52	197	1	0.01	67	100	266	>10.0	<2	2	<1
R345008		10	<1	<0.01	<10	2.20	193	2	<0.01	58	110	165	>10.0	<2	3	<1
R345009		<10	<1	0.01	<10	1.66	216	2	<0.01	57	90	188	>10.0	<2	2	<1
R345010		10	<1	<0.01	<10	1.58	178	3	<0.01	36	60	120	>10.0	<2	2	<1
R345011		<10	<1	0.03	<10	0.87	522	9	<0.01	28	50	8790	>10.0	<2	1	2
R345012		<10	<1	0.03	<10	0.51	456	20	<0.01	26	40	>10000	>10.0	<2	1	1
R345013		<10	<1	0.17	<10	1.52	604	6	0.02	27	60	2290	8.28	<2	2	5
R345014		<10	<1	0.04	<10	0.53	406	7	<0.01	14	40	8080	1.74	<2	1	2
R345015		<10	<1	0.01	<10	0.47	219	5	<0.01	9	20	4820	0.78	<2	<1	2
R345016		10	<1	<0.01	<10	1.51	920	23	<0.01	77	50	1655	>10.0	<2	2	<1
R345017		<10	<1	<0.01	<10	0.98	2160	18	<0.01	53	40	9070	8.53	<2	2	1
R345018		<10	<1	0.02	<10	1.53	910	13	<0.01	59	110	959	>10.0	3	3	2
R345019		<10	<1	0.04	<10	0.58	450	4	<0.01	22	60	1235	4.99	<2	1	2
R345020		<10	<1	0.05	<10	0.99	1125	9	<0.01	34	150	>10000	6.54	<2	2	2
R345021		<10	<1	0.06	<10	9.06	487	<1	0.03	2	180	59	0.07	<2	1	118
R345022		<10	<1	0.02	<10	0.10	559	1	<0.01	9	250	20	0.77	<2	<1	2
R345023		<10	<1	0.05	<10	0.45	442	2	<0.01	24	70	131	3.22	<2	1	2

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To: **GAR LIMITED**
288 KENOGAMI LANE
SWASTIKA ON P0K 1T0

Finalized Date: 20-JUN-2015
Account: XQVTHK

Project: LUCKY IRISH

CERTIFICATE OF ANALYSIS SD15083139

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Cu-OG46	Pb-OG46	Zn-OG46
	Analyte	Th	Ti	Tl	U	V	W	Zn	Ag	Cu	Pb	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
	LOR	20	0.01	10	10	1	10	2	1	0.001	0.001	0.001
R345001		<20	0.01	<10	<10	112	<10	228				
R345002		<20	0.01	<10	<10	120	<10	157				
R345003		<20	<0.01	<10	<10	24	<10	53				
R345004		<20	0.01	<10	<10	21	<10	50				
R345005		<20	0.01	<10	<10	17	<10	86				
R345006		<20	0.01	40	<10	10	<10	>10000			NSS	NSS
R345007		<20	0.02	<10	<10	21	<10	62				
R345008		<20	0.01	<10	<10	27	<10	63				
R345009		<20	<0.01	<10	<10	20	<10	68				
R345010		<20	0.01	<10	<10	18	<10	61				
R345011		<20	<0.01	<10	<10	14	<10	>10000				2.83
R345012		<20	<0.01	<10	<10	8	<10	>10000			1.010	1.320
R345013		<20	<0.01	<10	<10	15	<10	191				
R345014		<20	<0.01	<10	<10	7	<10	6210				
R345015		<20	<0.01	<10	<10	5	<10	140				
R345016		<20	0.01	<10	<10	22	<10	761				
R345017		<20	<0.01	<10	<10	17	<10	2490				
R345018		<20	0.01	<10	<10	23	<10	363				
R345019		<20	<0.01	<10	<10	10	<10	202				
R345020		<20	0.01	<10	<10	20	<10	658			2.71	
R345021		<20	0.01	<10	<10	7	<10	32				
R345022		<20	<0.01	<10	<10	3	<10	213				
R345023		<20	<0.01	<10	<10	9	<10	149				

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288 KENOGAMI LANE
SWASTIKA ON P0K 1T0

Finalized Date: 20-JUN-2015
Account: XQVTHK

Project: LUCKY IRISH

CERTIFICATE OF ANALYSIS SD15083139

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

NSS is non-sufficient sample.

Applies to Method: ALL METHODS

LABORATORY ADDRESSES

Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.

Applies to Method:				
CRU-31	CRU-QC	LOG-22	LOG-23	
LOG-24	PUL-31	PUL-QC	SPL-21	
WEI-21				

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:			
Ag-OG46	Au-AA23	Cu-OG46	ME-ICP41
ME-OG46	Pb-OG46	Zn-OG46	