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Ministry of Energy, Mines & Petroleum Resources
Mining & Minerals Division
BC Geological Survey

Assessment Report
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: GEOLOGICAL and GEOCHEMICAL TOTAL COST: $65,000

AUTHOR(S): J.T. SHEARER, M.Sc., PGeo SIGNATURE(S): Shearer

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): MX-8-253 YEAR OF WORK: 09

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): Event 4435408

PROPERTY NAME: LE MARE PROJECT

CLAIM NAME(S) (on which the work was done): Far West 1-11 546543-546689

COMMODITIES SOUGHT: Cu/Au/Ag/Mo

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN:

MINING DIVISION: NANAIMO NTS/BCGS: 92L/5W (92L.041)

LATITUDE: 50 ° 25 ' " LONGITUDE: 127 ° 53 ' " (at centre of work)

OWNER(S):
1) J.T. SHEARER 2)

MAILING ADDRESS:
UNIT 5-2330 TYNER ST.,
PORT COQUITLAM, B.C. V3C 2Z1

OPERATOR(S) [who paid for the work]:
1) AS ABOVE 2)

MAILING ADDRESS:
AS ABOVE

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):
THE PROPERTY IS underlain by Bonanza Volcanics (Le Mare Volcanics) Jurassic age of rhyolite to basalt, abundant Kaolinite alteration (advanced argillic), numerous copper showings have be found throughout the property, porphyry copper environment.

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: Assess Rpt 22,162

Next Page

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
`EOLOGICAL (scale, area)			
Ground, mapping	1:5,000		35,000
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for...)			
Soil	505		30,000
Silt			
Rock			
Other			
`RILLING (,otal metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY / PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST:	$65,000

GEOLOGICAL and GEOCHEMICAL ASSESSMENT REPORT
on the
LeMARE PROJECT

FARWEST CLAIM GROUP, LEMARE LAKE AREA
MAHATTA RIVER, NORTHERN VANCOUVER ISLAND

Permit # MX-8-253
Nanaimo Mining Division, British Columbia
NTS #92L/5W (92L.041)
Latitude: 50°25', Longitude: 127°53'

Prepared for:

New Destiny Mining Corp.
200 – 551 Howe St.,
Vancouver, B.C.
V6C 2C2
Phone: 604-683-0343
Fax: 604-683-4459

Prepared by:

J. T. Shearer, M.Sc., P.Geo.
Unit 5 – 2330 Tyner Street
Port Coquitlam, B.C.
V3C 2Z1
Phone: 604-970-6402
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January 10, 2010

Fieldwork Completed between November 3 and December 15, 2009

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SUMMARY

A prospecting, geochemical sampling (totalling 505 soils and rock samples) and mapping program was carried out by a six man field crew between November 3 and December 15, 2009 on the 216 cell LeMare Claim Group located on the northwest coast of Vancouver Island. The objective of the 2009 work program was to conduct reconnaissance style exploration in search of Island Copper type porphyry Cu-Mo-Au deposits and establish potential drill targets on the property. A new showing found in 2009 contained a chip sample over 0.9m assayed 2.34% copper, 1.97 g/tonne gold and 9.0 g/tonne silver.

The LeMare Claim Group is underlain by lower Jurassic Bonanza Supergroup Volcanics intruded by coeval Island Intrusives. A major northwest trending alteration zone is present in the southwestern part of the property as defined by work completed in 1991 by previous operators. Mineralization and geochemical soil anomalies are zoned over a six kilometre strike length along this alteration zone. Molybdenum soil anomalies are associated with an advanced silic-argillic-phyllic alteration core flanked by Cu-Au anomalies in transitional phyllic-potassic alteration. The propylitically altered Bonanza Group volcanics hosts a continuous Zn soil anomaly outboard of the Cu/Au/Mo Zones.

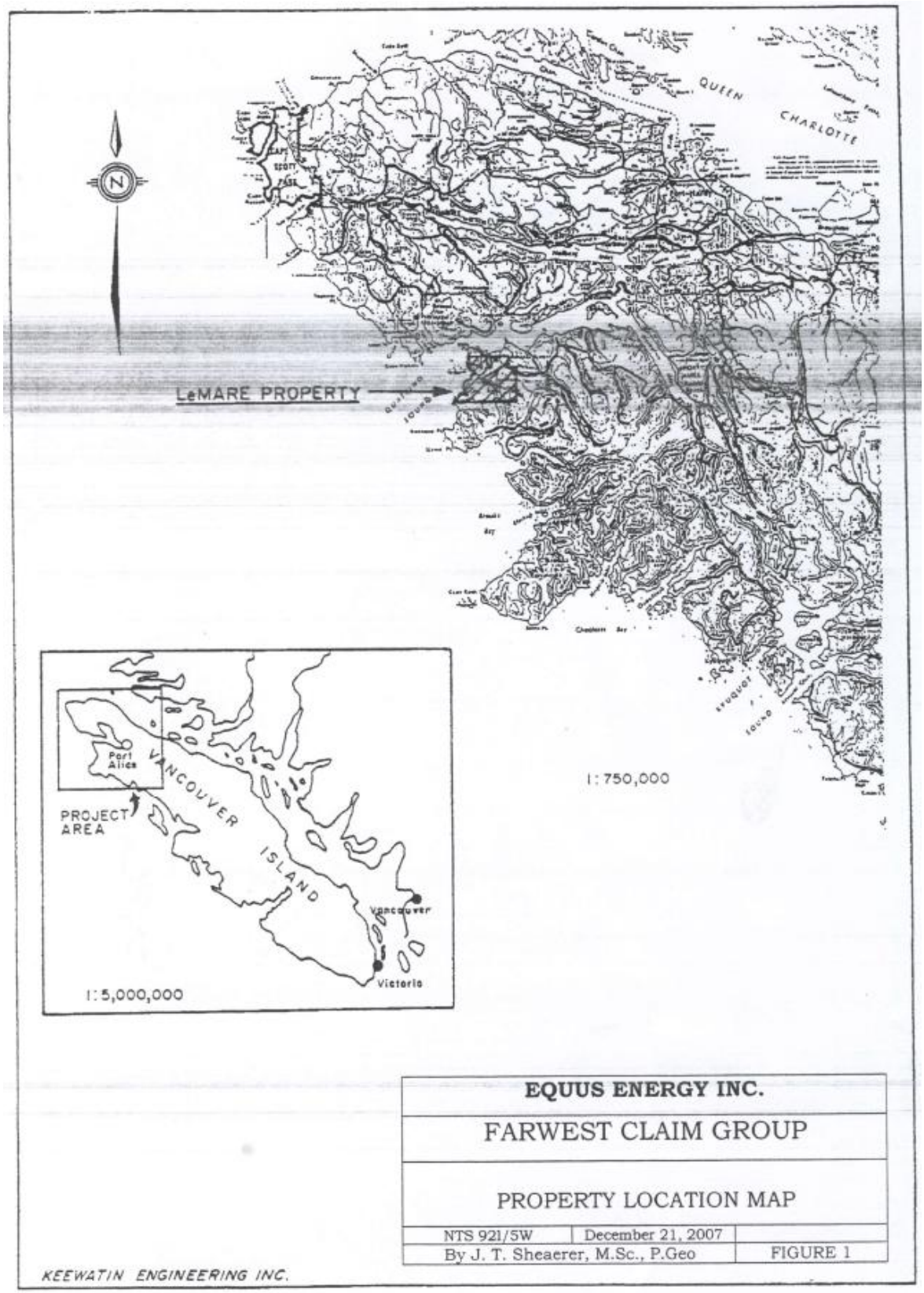
Patchy mineralization, a zoned geochemical anomaly and a high-level, low pH alteration assemblage indicates that a mineralized porphyry system may occur at depth beneath the South Gossan Zone in the LeMare Lake Valley. Observed alteration and mineralization patterns indicate that copper values may increase at depth in the Culleet Creek Zone. Strong Cu-Mo-Au geochemical values coincident with an airborne magnetic high in the central portion of the property have not been examined and detailed work is required.

The geological and metallogenic setting of the LeMare claims is comparable to the Island Copper mine and the Island Copper Belt deposits.

Additional detailed field work and follow-up diamond drilling is recommended to evaluate the targets identified on the LeMare claim group.

Respectfully submitted,

J. T. Shearer, M.Sc., P.Geo.
January 10, 2010


QUEEN
CHARLOTTE
LeMARE PROPERTY
1:750,000
Port Alice
VANCOUVER
ISLAND
PROJECT AREA
Victoria
1:5,000,000
EQUUS ENERGY INC.
FARWEST CLAIM GROUP
PROPERTY LOCATION MAP
NTS 921/5W
December 21, 2007
By J. T. Sheaerer, M.Sc., P.Geo
FIGURE 1
KEEWATIN ENGINEERING INC.

INTRODUCTION

A prospecting and geochemical sampling (totalling 505 soils and rock samples) program was carried out for New Destiny Mining Corp. on the Far West claims between November 3, 2007 and December 15, 2009. This project was carried out by a 3 to 6 man crew. The total expenditure was about $100,000 (see Appendix II, Statement of Expenditures).

This area was first prospected in the early 1970's as logging roads provided access. Exposures indicated that a large intensely altered hydrothermal system occurred immediately west of LeMare Lake.

Prospecting along Culleet Creek and the West Mainline discovered advance argillic alteration zones characterized by geyserite and chalky geyserite similar to geological environment at the active quarries of Electra Gold at PEM100 north of Holberg Inlet and Lehigh Cement at Monteith Bay north of Kyuquot.

The LeMare Claim Group is underlain by lower Jurassic Bonanza Supergroup Volcanics intruded by coeval Island Intrusives. A major northwest trending alteration zone is present in the southwestern part of the property. Mineralization and geochemical soil anomalies are zoned over a six kilometre strike length at this alteration zone. Molybdenum soil anomalies are associated with an advanced argillic-silic-phyllic alteration core flanked by Cu-Au anomalies in transitional phyllic-potassic alteration. The outboard zone of propylitically altered Bonanza Group volcanics hosts a continuous Zn soil anomaly. This is a classic pattern.

Patchy copper mineralization, a zoned geochemical anomaly and an intense high-level, low pH alteration assemblage indicates that a mineralized porphyry system may occur at depth beneath the South Gossan Zone in the LeMare Lake Valley. Observed alteration and mineralization patterns indicate that copper values may increase at depth in the Culleet Creek Zone. Strong Cu-Mo-Au geochemical values coincident with an airborne magnetic high in the central portion of the property have not been examined in detail and more work is required.

LOCATION and ACCESS

The Far West claim group is located approximately 35km southwest of the Island Copper deposit on the northwestern coast of Vancouver Island. The property is centred at latitude 50°25' north and longitude 127°53' west in NTS Map Sheet #92L/5W (see Figures 1, 2 and 2a, Claim Location Map).

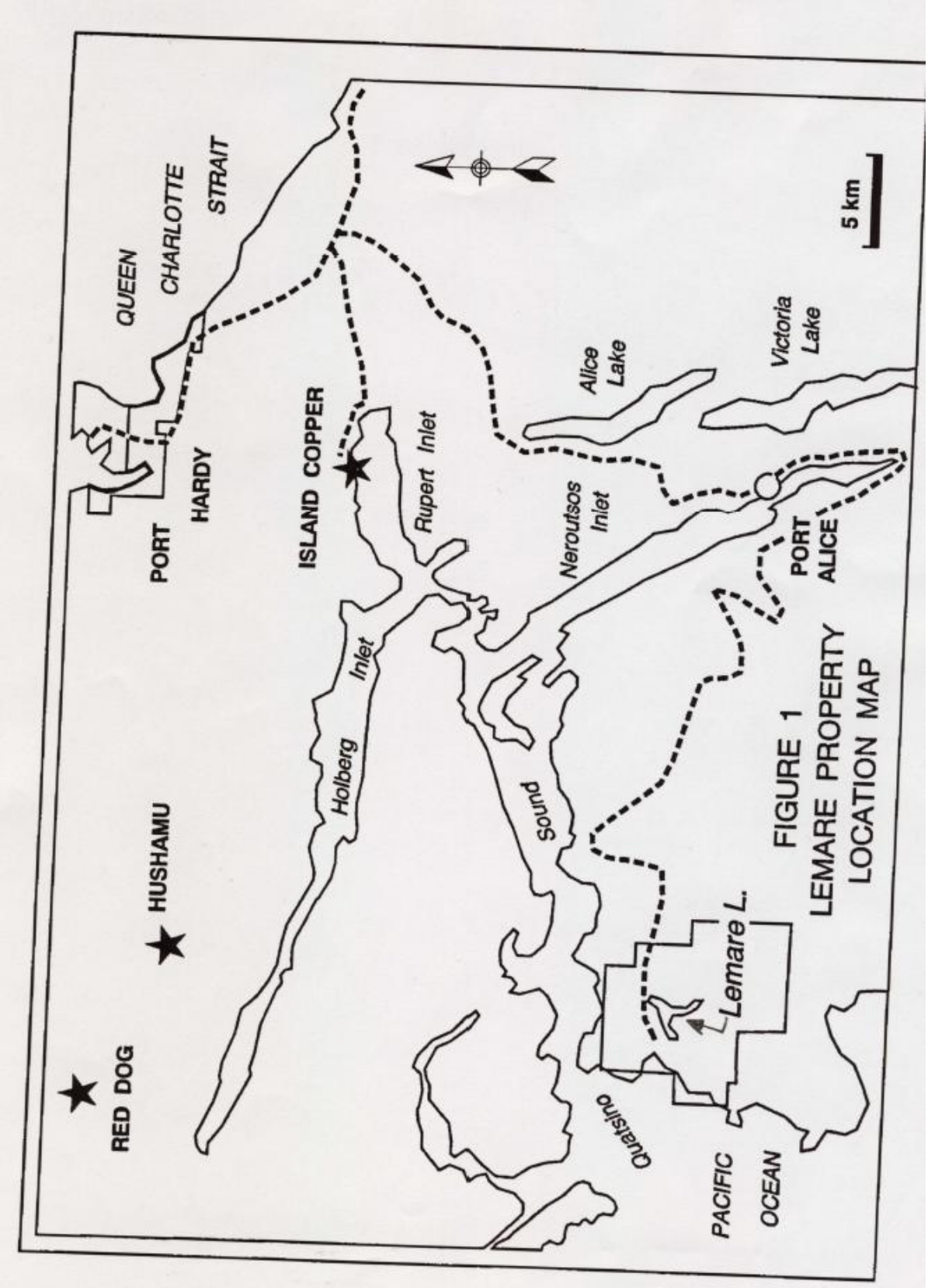
Access to the property is via approximately a 1.5 hour drive on well maintained logging roads from Port Alice, a distance of about 55km. Excellent recent logging road access is available throughout the claim group with the exception of the west central portion of the claims.

Physiography and Climate

The Far West Claims lie within the Mahatta-Kashultl Mountain ranges on the northwest coast of Vancouver Island. Physiography is characterized by moderate relief with elevation ranges from sea level to 2,500 feet in the southwestern portion of the property.

Vegetation and old growth forest consists of mature stands of coniferous forest with minor amounts of undergrowth. Approximately 70% of the property has been logged during the past 25 years and is in various stages of re-growth. Very dense underbrush and growth of alder occur in the logged areas.

The climate is characterized by warm wet springs and falls and cool wet winters. Precipitation dominates the weather pattern during the fall, winter and spring months. Snow, when it does fall during the winter, only stays for a matter of days. During the summer, hot dry periods can occur for durations up to several weeks creating moderate forest fire hazard conditions.


QUEEN CHARLOTTE STRAIT
PORT HARDY
ISLAND COPPER
Rupert Inlet
Holberg Inlet
Neroutsos Inlet
Alice Lake
Victoria Lake
PORT ALICE
HUSHAMU
RED DOG
Sound
Quatsino
Lemare L.
PACIFIC OCEAN
5 km
FIGURE 1
LEMARE PROPERTY
LOCATION MAP

PROPERTY STATUS and OWNERSHIP

J. T. Shearer, M.Sc., P.Geo. is the 100% owner and title holder of the Far West Claim Group (17 Claims, see Figure 3, Claim Location Map). The property has been 100% optioned to New Destiny Mining Corp.

TABLE I

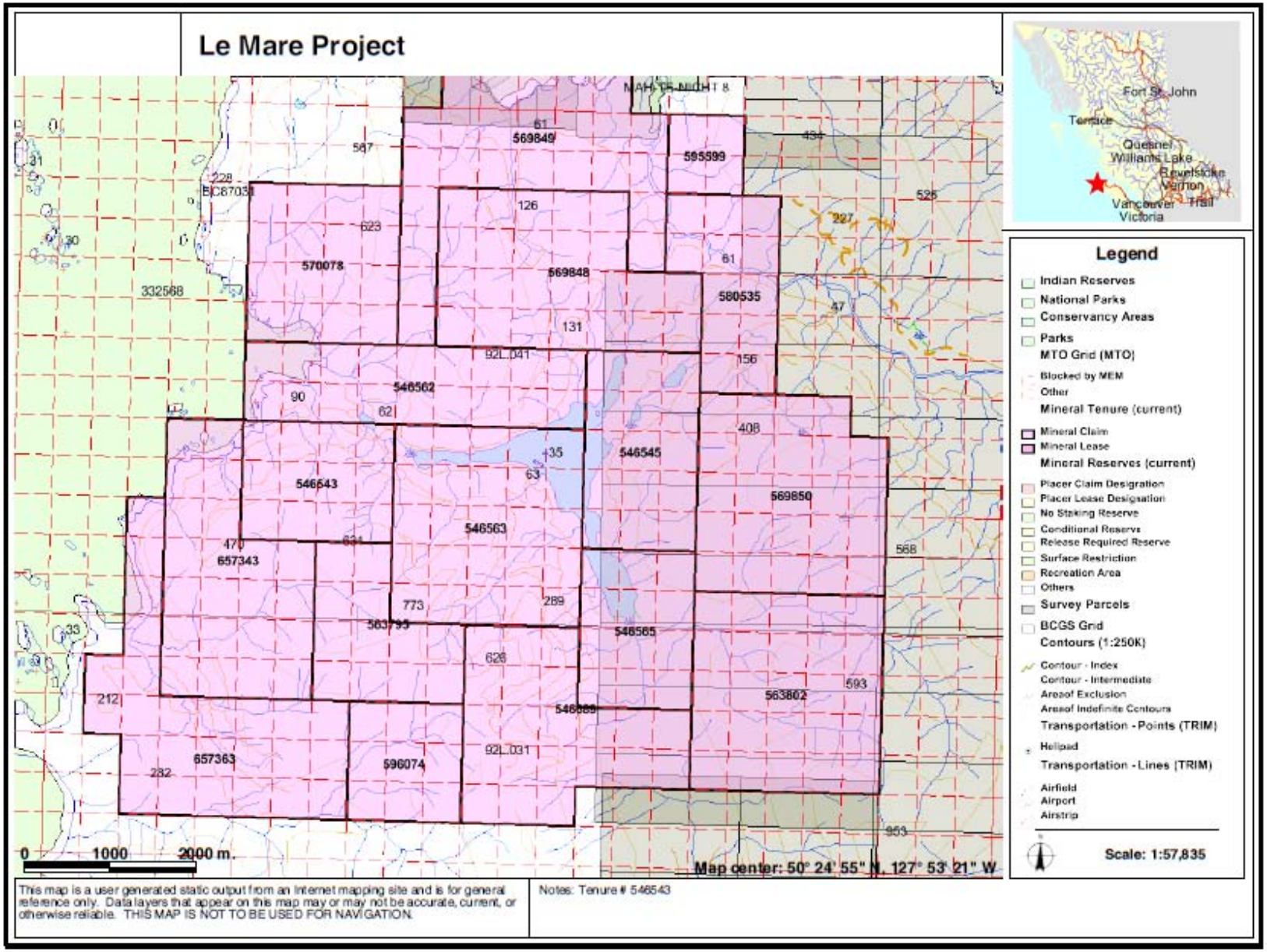
List of Claims

Claim Name	Tenure #	Cells	Area (ha)	Date Located	Current Anniversary Date	Owner
Far West 1	546543		247.094	December 4, 2006	January 5, 2012	J. T. Shearer
Far West 2	546545		308.842	December 4, 2006	June 5, 2012	J. T. Shearer
Far West 3	546562		370.562	December 5, 2006	January 5, 2012	J. T. Shearer
Far West 4	546563		514.826	December 5, 2006	January 5, 2012	J. T. Shearer
Far West 5	546565		247.170	December 5, 2006	January 5, 2012	J. T. Shearer
Far West 6	546689		432.646	December 6, 2006	January 5, 2012	J. T. Shearer
Far West 7	563795		247.176	July 29, 2007	January 5, 2012	J. T. Shearer
Far West 8	563802		515.005	July 29, 2007	January 5, 2012	J. T. Shearer
Far West 9	569848		493.960	November 10, 2007	January 5, 2012	J. T. Shearer
Far West 10	569849		514.420	November 10, 2007	January 5, 2012	J. T. Shearer
Far West 11	569850		494.200	November 10, 2007	January 5, 2012	J. T. Shearer
Geyserite	570078		329.300	November 14, 2007	January 5, 2012	J. T. Shearer
Mahatta 1	580535		246.98	April 5, 2005	January 5, 2012	J. T. Shearer
Northeast LeMare	595599		82.30	December 5, 2008	January 5, 2012	J. T. Shearer
Far West 13	596074		185.43	December 14, 2008	January 5, 2012	J. T. Shearer
Farwest 12	657343		453.10	October 22, 2009	January 5, 2012	J. T. Shearer
Farwest 13	657363		515.05	October 22, 2009	January 5, 2012	J. T. Shearer

Total Size 6198.061 ha

Mineral title is acquired in British Columbia via the Mineral Act and regulations, which require approved assessment work to be filed each year in the amount of $4 per hectare per year for the first three years and then $8 per hectare per year thereafter to keep the claim in good standing.

Under the present status of mineral claims in British Columbia, the consideration of industrial minerals requires careful designation of the products end use. An industrial mineral is a rock or naturally occurring substance that can be mined and processed for its unique qualities and used for industrial purposes (as defined in the Mineral Tenure Act). It does not include “Quarry Resources”. Quarry Resources includes earth, soil, marl, peat, sand and gravel, and rock, rip-rap and stone products that are used for construction purposes (as defined in the Land Act). Construction means the use of rock or other natural substances for roads, buildings, berms, breakwaters, runways, rip-rap and fills and includes crushed rock. Dimension stone means any rock or stone product that is cut or split on two or more sides, but does not include crushed rock.


Le Mare Project
NAD 83 NORTH 8
Fort St. John
Terrace
Quesnel
Williams Lake
Revelstoke
Vernon
Vancouver
Victoria
Trail
Legend
Indian Reserves
National Parks
Conservancy Areas
Parks
MTO Grid (MTO)
Blocked by MEM
Other
Mineral Tenure (current)
Mineral Claim
Mineral Lease
Mineral Reserves (current)
Placer Claim Designation
Placer Lease Designation
No Staking Reserve
Conditional Reserve
Release Required Reserve
Surface Restriction
Recreation Area
Others
Survey Parcels
BCGS Grid
Contours (1:250K)
Contour - Index
Contour - Intermediate
Areaof Exclusion
Areaof Indefinite Contours
Transportation - Points (TRIM)
Helipad
Transportation - Lines (TRIM)
Airfield
Airport
Airstrip
Scale: 1:57,835
0
1000
2000 m.
Map center: 50° 24' 55" N, 127° 53' 21" W
569849
595599
570078
569848
580535
546562
546545
546543
546563
569850
657343
546565
563802
657363
596074
546564
92L.041
92L.031
332568
This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.
Notes: Tenure # 546543

ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE and PHYSIOGRAPHY

The Le Mare Project property is located on northwest Vancouver Island, British Columbia approximately 30 km southwest of the Village of Coal Harbour, or 350 km northwest of Vancouver (Figure 1). The Le Mare Project property is accessible via gravel logging roads from Port Alice. The Town of Port Alice itself is accessible from Port McNeill, on the eastern coast of Vancouver Island, via an asphalt road that extends 37 km west from the Island Highway at a point approximately 20 road km north of Port McNeill.

The climate is wet and mild, typical of the west coast of British Columbia. Heavy rains and windstorms occur between October and February. Little snow falls at lower elevations, but thick winter snowfalls accumulate on the mountaintops in the region. There are typically hot, dry spells during the summer when exploration work may be curtailed because of forest fire hazard.

Local accommodation is available at the Mahatta River logging camp of Western Forest Products Ltd. Supplies and fuel are available at Port McNeill and Port Hardy. Limited supplies and fuel are available at Port Alice, which is approximately 1 ½ to 2 hours driving time from the property via four-wheel-drive logging roads.

The Le Mare Project property area forms part of the rugged Vancouver Island Ranges. Elevations range between sea level and 2,500 m a.s.l. within the project area. Culleet Creek flows northwest through the west central part of the property area, from the western end of Le Mare Lake to the Pacific Ocean. Hillsides within the property area are steep and are forested by cedar, fir, spruce and hemlock with minor alder undergrowth.

Most of the Le Mare Project property area was logged between 1981 and1992. The hillsides are generally thickly forested with second growth trees.

The property can be accessed via “Restless Main” Forest Service Road. Old logging spur roads extend from “Restless Main” into various parts of the property area. Alders have now overgrown some of these spur roads. The spur roads leading to the west-central part of the property have recently been refurbished to facilitate logging of the west-facing slopes at higher elevations within that area. A four-wheel-drive pickup truck is necessary to navigate the logging roads within the property area.

Rock outcrop is exposed over about 20 per cent of the Le Mare Project property area.

HISTORY

During the late 1960's and early 1970's exploration for porphyry Cu-Mo-Au deposits similar to the Island Copper Mine operated by BHP Utah was conducted by several companies on the western portion of Vancouver Island. The earliest reference to claim staking activity in the LeMare area is during 1970 when the Cam Claims were recorded along the north shore of LeMare Lake. No assessment work was filed at this time. This area was later staked by British Newfoundland Exploration during 1980 and four days of prospecting, mapping and sampling was filed as an assessment report (Prospecting Report, LeMare No. 1 and No. 2 Mineral Claims, R. J. Bilquist, 20 Nov. 1980, Assessment Report No. 8593). A gold-bearing quartz vein was discovered near Lawn Point, just outside of the southwestern corner of the property area, by 1908 (Quartermain and Potter, 1985).

A compilation and research program was undertaken by Keewatin Engineering Inc. in March of 1991. During an examination of the Island Copper Belt to determine search parameters for Island Copper type deposits, it was recognized that a similar belt existed between Kyuquot Sound to the south and Quatsino Sound to the north which is referred to as the Mahatta-Kashutl Belt. A Minfile search within this belt encountered references to the LeMare No. 1 and the LeMare No. 2 showings from earlier recorded assessment work.

In 1991, a work program (Birkeland, 1991) was conducted reconnaissance style exploration for Island Copper type deposits. Moss mat and stream sediment sampling was completed in 1991 on the entire claim group and follow-up soil geochem coverage was completed along all logging roads in the favourable belt recognized by airborne geophysics and by anomalous moss mat geochemistry. Follow-up geological mapping and surface sampling of anomalous areas was conducted on the South Gossan Zone (SGZ) and on the Culleet Creek area. Detailed work was concentrated in the northwestern and southeastern portions of this 6 km long alteration-mineralization trend.

Diamond drilling was completed in 1992 mainly in the Culleet Creek area (6 holes) and only one short hole was drilled on the edge of the South Gossan Zone.

Thompson (1992) performed geological mapping and X-Ray diffraction work on behalf of Minnova Inc. Her work confirmed that the rocks within the property area have undergone advanced argillic alteration; they locally contain pyrophyllite and diaspore. She also found areas of phyllic or quartz- and sericite-altered rock, and mapped potassic-altered rock at lower elevations within the South Gossan Zone (Thompson, 1992). These alteration patterns were thought to be indicative of a porphyry-style mineralizing system on the property.

Leitch (1991) performed a petrographic examination of 26 specimens from the Le Mare property area on behalf of Keewatin Engineering Inc. Propylitic, argillic-advanced argillic, potassic, phyllic and silicic altered rocks were identified by Leitch. The South Gossan Zone appeared to be the priority target area within the property.

Homegold Resources Ltd. (Shearer, 2008) collected soil samples along the logging roads to complete assessment work.

FIELD and ANALYTICAL TECHNIQUES

Gold was analyzed by fire assay with an AA finish at IPL (International Plasma Labs). Analytical techniques are described in Appendix IV.

Soil Sampling

Soil samples were taken from the B horizon, upslope of logging road-cuts avoiding till where possible. Samples were taken at approximately 50m centres. Samples were analyzed by ICP for 30 elements.

All rock outcrops encountered where plotted onto a base map at a scale of 1:5000. Mapping control was with GPS (tracking & waypoint map included in this report) and with the aide of existing maps. Rock types, mineralization, alteration and structure were mapped where possible and samples collected for analysis based on evidence of alteration and/or mineralization. All bedrock outcrops mapped were assigned a field ID number (e.g. LeM-01, LeM-02, etc.) and related field data (i.e. UTM co-ordinates, outcrop descriptions, etc.) transferred to an excel spread sheet (attached to this summary report).

GEOLOGY

REGIONAL GEOLOGY

The writer checked the historic geological mapping of the main mineralized areas during traverses of the property area; the historic geological mapping was found to be inaccurate in some places, and accurate in others. The rock alteration mapping done by the Keewatin Engineering Inc. crew in 1991 was poorly done, in the writer's opinion. For example, the writer saw no dumortierite during a traverse of the Dumortierite Creek gully; dumortierite had been mapped there during 1991. Dumortierite has a distinctive blue colour, and the writer has seen it previously at the Island Copper minesite.

The most abundant rock types within the property area are basalt, andesite and dacite of the Le Mare Formation.

The Le Mare Project property area was initially mapped by Muller, Northcote and Carlisle (1974) of the Geological Survey of Canada, at 1:250,000 scale. The geology of the property region is presented in Figure 3.

Northwestern Vancouver Island lies within the Wrangellia terrain of British Columbia Insular Belt of British Columbia.

Tertiary (Eocene) "Catface" intrusives may be present and Catface-Mount Washington-Zeballos-Kennedy Lake type quartz veins (which may be gold bearing) are present primarily in east-west trending structures.

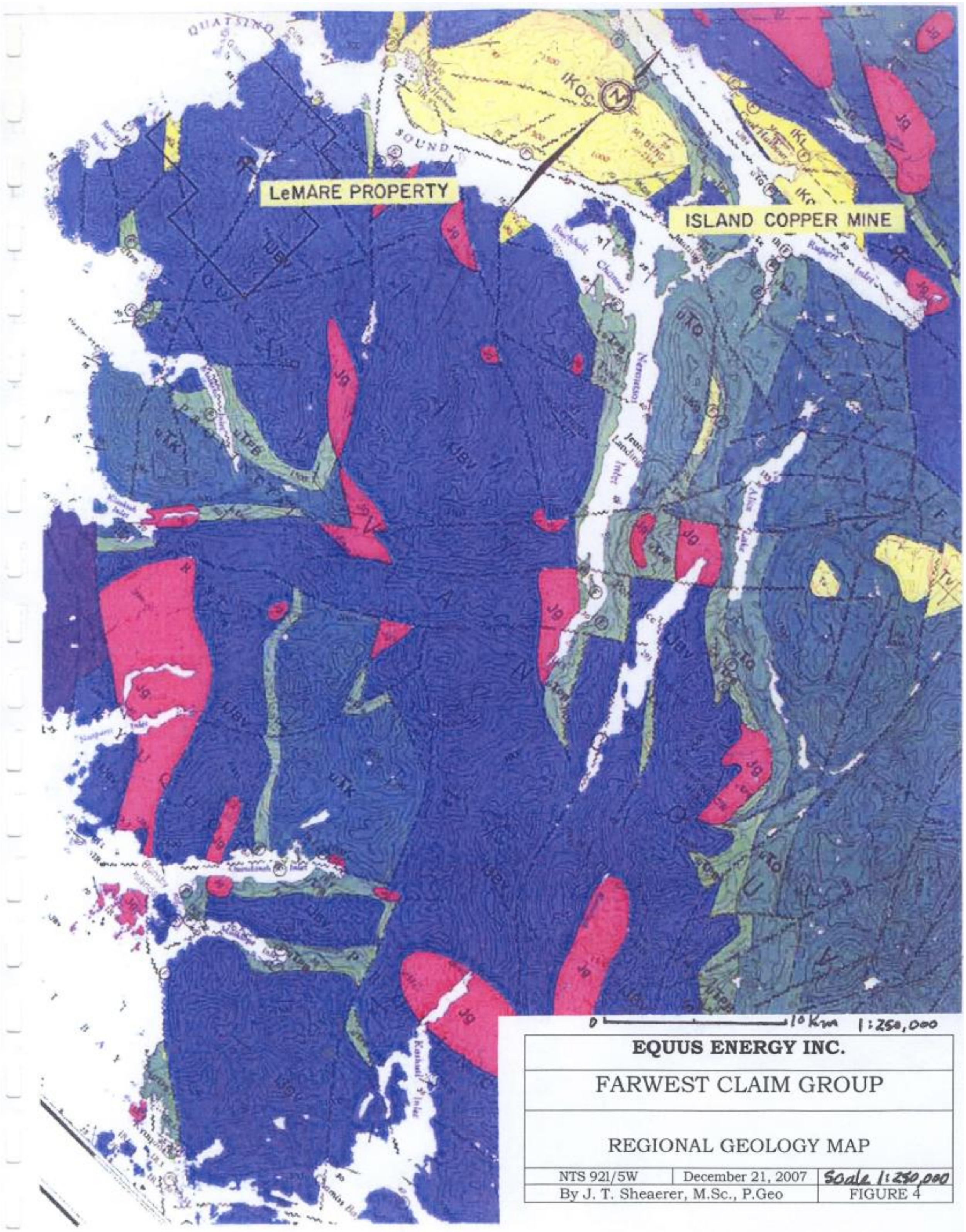
Calcareous siltstone, greywacke, silty limestone and minor conglomerate of the Parson Bay Formation conformably overlie the Quatsino Formation limestone (Muller, 1977). The Parson Bay Formation rocks have been mapped by Nixon et al. (2009) as belonging to the lower portion of the Upper Triassic to Middle Jurassic Bonanza Group.

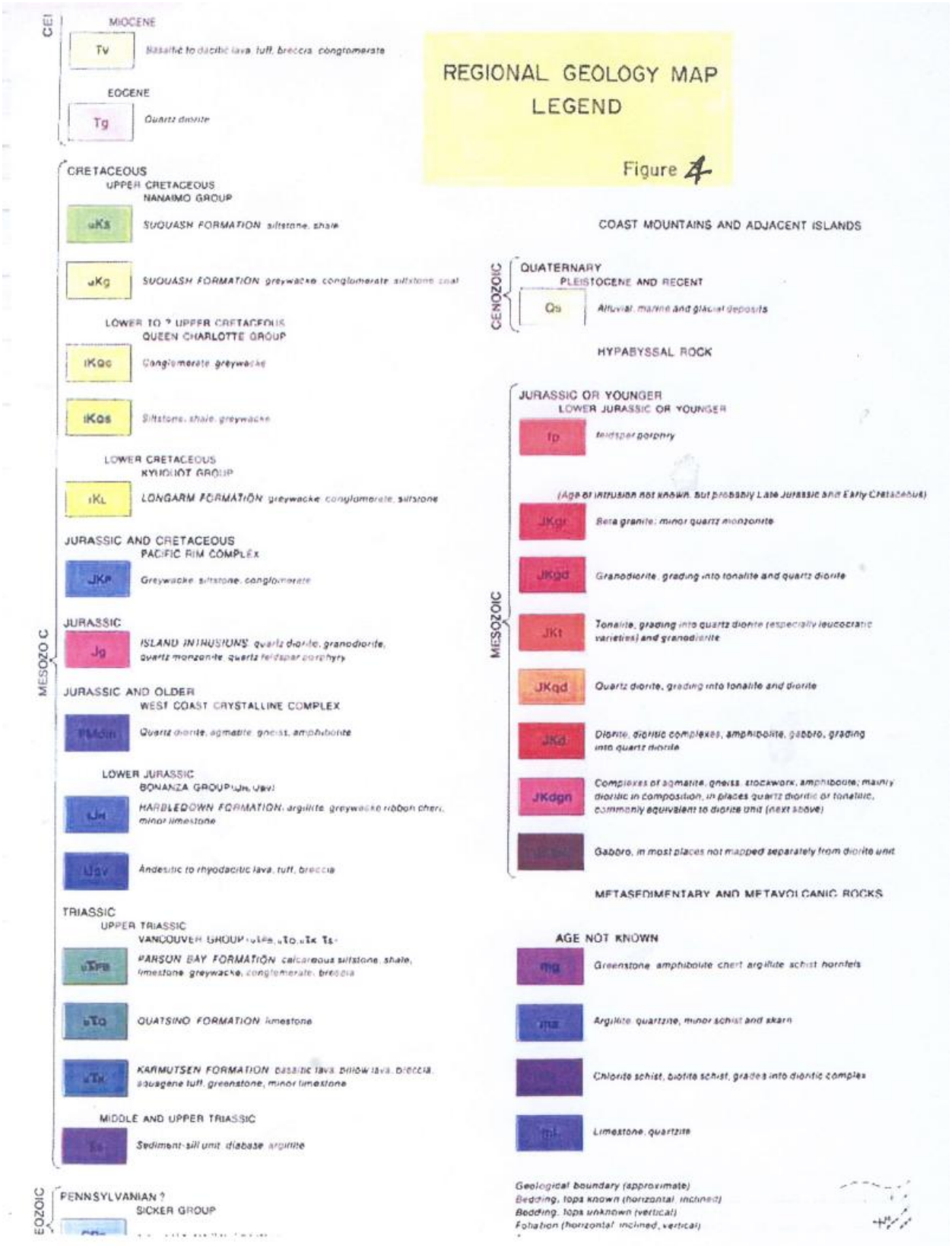
Nixon et al. (2009) mapped the Le Mare Lake region at 1:50,000 scale; their map shows that the Le Mare Lake area is underlain by various units of the Le Mare Lake volcanic succession, a subunit of the Bonanza Group.

Jurassic age plutons of the Island Intrusions crosscut the stratified rocks of the Bonanza and Vancouver groups throughout northern Vancouver Island. These plutons range from granodiorite to diorite in composition. The Island Intrusions generally have a noisy magnetic signature (Eastwood, 1982).

Regional deformation has resulted in numerous faults crosscutting the Le Mare Property area (Figures 3 and 4). Most of these faults have likely been reactivated at various times.

There are sparse, late igneous rhyolite dykes crosscutting the other rocks at the Dumortierite Creek area within the property. A 25 m wide band of brownish white, medium grained, sugary,


LeMARE PROPERTY
ISLAND COPPER MINE
0 10 Km 1:250,000
EQUUS ENERGY INC.
FARWEST CLAIM GROUP
REGIONAL GEOLOGY MAP
NTS 92l/5W
December 21, 2007
Scale 1:250,000
By J. T. Sheaerer, M.Sc., P.Geo
FIGURE 4


REGIONAL GEOLOGY MAP
LEGEND
Figure 4
COAST MOUNTAINS AND ADJACENT ISLANDS
CENOZOIC
QUATERNARY
PLEISTOCENE AND RECENT
Qs
Alluvial, marine and glacial deposits
HYPABYSSAL ROCK
MESOZOIC
JURASSIC OR YOUNGER
LOWER JURASSIC OR YOUNGER
fp
feldspar porphyry
(Age of intrusion not known, but probably Late Jurassic and Early Cretaceous)
JKgr
Biotite granite; minor quartz monzonite
JKgd
Granodiorite, grading into tonalite and quartz diorite
JKt
Tonalite, grading into quartz diorite (especially leucocratic varieties) and granodiorite
JKqd
Quartz diorite, grading into tonalite and diorite
JKd
Diorite, dioritic complexes, amphibolite, gabbro, grading into quartz diorite
JKdgn
Complexes of agmatite, gneiss, stockwork, amphibolite; mainly diioritic in composition, in places quartz diioritic or tonalitic, commonly equivalent to diorite unit (next above)
Gabbro, in most places not mapped separately from diorite unit
METASEDIMENTARY AND METAVOLCANIC ROCKS
AGE NOT KNOWN
mg
Greenstone, amphibolite, chert, argillite, schist, hornfels
ms
Argillite, quartzite, minor schist and skarn
Chlorite schist, biotite schist, grades into dioritic complex
ml
Limestone, quartzite
Geological boundary (approximate)
Bedding, tops known (horizontal, inclined)
Bedding, tops unknown (vertical)
Foliation (horizontal, inclined, vertical)
CEI
MIOCENE
Tv
Basaltic to dacitic lava, tuff, breccia, conglomerate
EOCENE
Tg
Quartz diorite
MESOZOIC
CRETACEOUS
UPPER CRETACEOUS
NANAIMO GROUP
uKs
SUQUASH FORMATION, siltstone, shale
uKg
SUQUASH FORMATION, greywacke, conglomerate, siltstone, coal
LOWER TO ? UPPER CRETACEOUS
QUEEN CHARLOTTE GROUP
lKqc
Conglomerate, greywacke
lKqs
Siltstone, shale, greywacke
LOWER CRETACEOUS
KYUQUOT GROUP
lKL
LONGARM FORMATION, greywacke, conglomerate, siltstone
JURASSIC AND CRETACEOUS
PACIFIC RIM COMPLEX
JKP
Greywacke, siltstone, conglomerate
JURASSIC
Jg
ISLAND INTRUSIONS, quartz diorite, granodiorite, quartz monzonite, quartz feldspar porphyry
JURASSIC AND OLDER
WEST COAST CRYSTALLINE COMPLEX
PMzln
Quartz diorite, agmatite, gneiss, amphibolite
LOWER JURASSIC
BONANZA GROUP (lJH, lJav)
lJH
HARBLEDOWN FORMATION, argillite, greywacke, ribbon chert, minor limestone
lJav
Andesitic to rhyodacitic lava, tuff, breccia
TRIASSIC
UPPER TRIASSIC
VANCOUVER GROUP (uTrs, uTo, uTk, Ts)
uTrs
PARSON BAY FORMATION, calcareous siltstone, shale, limestone, greywacke, conglomerate, breccia
uTo
QUATSINO FORMATION, limestone
uTk
KARMUTSEN FORMATION, basaltic lava, pillow lava, breccia, subaqueous tuff, greenstone, minor limestone
MIDDLE AND UPPER TRIASSIC
Ts
Sediment-sill unit, diabase, argillite
EOZOIC
PENNSYLVANIAN ?
SICKER GROUP

moderately silica-indurated quartzite is interstratfied with the volcanic rocks at Dumortierite Creek. This quartzite is tough, and contains traces of sericite and disseminated pyrite.

Propyllitic altered basalt and andesite outcrops in the Dumortierite Creek valley locally contain 3 to 4% finely disseminated pyrite and locally up to 1% light grey quartz veinlets up to 3 mm wide; pale green epidote occurs as spots, and as patches along fracture surfaces. The propylitic altered rocks along Dumortierite Creek are interbanded with rocks that have undergone advanced argillic alteration.

The writer saw no dumortierite-bearing rocks during his traverse of the Dumortierite Creek gully in November 2009.

MINERALIZATION and ALTERATION

The economic mineralization encountered to date on the Le Mare Project property is chalcopyrite and bornite(?) which occur as blebs, irregular masses and veinlets within Le Mare Formation volcanic rocks. The Le Mare Formation rocks hosting the best mineralization within the property area are brecciated, and/or have a fragmental texture. These brecciated, mineralized rocks are usually healed by up to 5% light grey vein quartz; cavities are locally lined by euhedral, drusy quartz crystals.

A narrow, lensoid breccia dyke is exposed along 60 cm strike length along Dumortierite Creek about 574 m upstream of the bridge across the creek; this breccia dyke is only 11 cm wide. Irregular bands of chalcopyrite occur within the breccia dyke; these bands are parallel to the dyke margins. Sample 51564 is a select sample of the best-mineralized material from this dyke (Appendix A). Sample 51564 contains…write about assays here. This is the only known occurrence of a mineralized breccia dyke within the property area. There is no alteration envelope within the wallrock andesite adjacent to the mineralized breccia dyke at Dumortierite Creek.

Additional well-mineralized, brecciated rocks are exposed in a roadcut upslope and to the west of the mineralized breccia dyke seen at Dumortierite Creek, on the northern edge of a large, unexplored area in the west central part of the property. Samples 51583 to 51592 were collected from the better-mineralized outcrop along the roadcut (Appendix A). These samples locally contain chalcopyrite, pyrite and bornite(?). Write about assays here… The mineralization here appears to be structurally controlled. The rocks are only weakly hematite- and chlorite-altered; chalcopyrite is locally associated with hematite in the showing area. None of the rocks from the roadcut showing area are magnetic, yet, magnetite is closely associated with copper mineralization at both Island Copper, and the Hushamu occurrence area to the northwest.

The best copper mineralization within the Le Mare property area is structurally controlled. Copper occurs in brecciated zones at the roadcut showing area, and also occurs within a breccia dyke at Dumortierite Creek.

No further work should be done in the area of the mineralized breccia dyke at Dumortierite Creek, because the dyke is too small to be of economic interest. However, similar mineralized

dykes occur at porphyry copper deposits elsewhere, which indicate that similar mineralizing processes have occurred in both places.

Geological mapping should be done to attempt to determine the extent and attitude of the mineralized breccia zones at the roadcut showing area. The overburden-covered, mineralized breccia to the west of sample site 51588 should be stripped of overburden with an excavator. Further geochemical rock sampling and geological mapping can then be done to determine the size and grade of the mineralized zone in this area.

In addition, geochemical soil sampling using augers should be performed within the area to search for additional mineralized occurrences. If a picket grid is established for this soil sampling, then a ground magnetometer survey should also be performed across the area. The ground magnetometer survey may detect subtle changes in the magnetic signature of the rocks that can be related to different rock types, or perhaps can be related to structural features such as breccia zones or faults.

A gold-bearing quartz vein was reportedly discovered at Lawn Point by 1908. Prospecting and geological mapping were performed in the Lawn Point area during 1984-1985. Fifty-three rocks and six stream sediment samples were collected and analyzed for gold. The best result from this sampling was 130 parts per billion (ppb) gold in epidote-pyrite skarn float from a stream bed on Restless Mountain (Quartermain and Potter, 1985).

Assays of between 11.3 g/t and 26.4 g/t gold across 0.9 to 2.4 m were reported from 1986 diamond drilling by Acorn Resources at Lawn Point (George Cross Newsletter #11, 1986).

Thus, there have been at least two episodes of economic mineralization at the Le Mare property area.

Structure

The Far West claims lie within the Cape Scott fault bounded structural blocks. Mesozoic structure is typically of a brittle, block fault style with very little folding. This was attributed by the early GSC writers to be due to the thick brittle Karmutsen basalt “basement” rocks.

Major northwest trending imbricate thrust faults repeat the section in an east-west sense and are part of the overriding plate tectonic regime.

Major north and northwest trending deep normal faults commonly control emplacement of the Island intrusions. These faults may be right lateral and slickensides are generally horizontal.

East and northeast trending normal blocks faults are generally of Jurassic to Tertiary age and usually down drop the south side blocks with significant displacements. Slickensides commonly have a vertical sense and east-west structures commonly host Tertiary intrusions and related gold-quartz veins.

Intrusive breccias and volcanic pyroclastic breccias are common around high level intrusive centres and volcanic vents.

Mahatta-Kashutl Belt

The Mahatta-Kashutl belt of Island Intrusions and sub-volcanic porphyries is flanked to the south by deep hyperbysal environments south of Kashutl-Tahsish Inlets. To the northwest, the Island Intrusions become progressively higher lever in nature with an increasing abundance of high level porphyries present until intrusive-porphyry complexes appear to dive beneath younger upper Bonanza volcanic cover north of Quatsino Sound. Regional tilting downwards in a northwesterly direction and a subsequent deeper level of erosion in the southeastern portion of the panel would logically offer an explanation for the distribution of the levels of emplacement observed within this belt.

The Mahatta-Kashutl belt has the favourable ingredients of both a profusion of high level porphyries and numerous volcanic-intrusive centres hosted in favourable lower Jurassic Bonanza aluminous iron and titanium rich marine sub-aqueous volcanics.

Property Geology

General Lithology – Stratigraphy

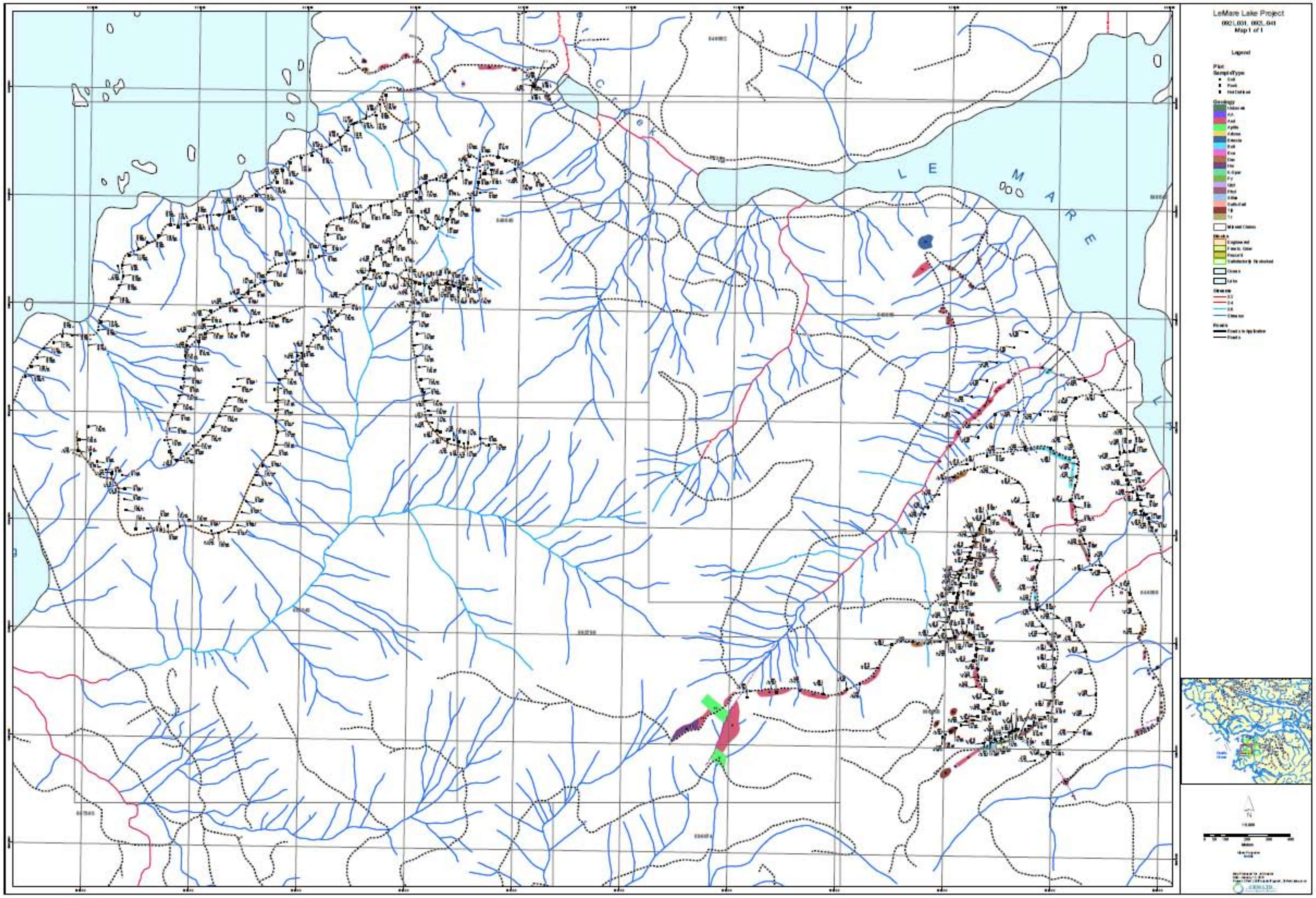
The Far West claims are primarily underlain by northwest striking, southwest moderately dipping lower to middle Bonanza volcanics. The area between LeMare Lake to Culleet Creek to the west is generally underlain by lower Bonanza volcanics which exhibit pillow lavas, amygdaloidal and massive basalt and andesite flows and breccias. These rocks grade upward to the southwest into intraformational breccias, andesites and dacites grading into sub-aerial maroon andesites. From LeMare Lake to Culleet Creek to the northeast, rocks appear to still belong to the Jurassic Bonanza volcanic supergroup but appear to be more siliceous in nature and exact relationship to Bonanza stratigraphy is unknown.

It is possible that an intrusive centre/volcanic vent lies north and in the vicinity of the North and South Lake Zones.

South Gossan Zone (SGZ) – Lithology and Alteration

Several branch roads cutting across the South Gossan zone were mapped. The writer surveyed the upper and western section of the zone paralleling Dumortierite Creek, while D. Pawliuk mapped the lower section closer to the lake. One of the upper branch roads was of special interest as it had been previously mapped as exposing some 200 metres of kaolinitic alteration including a section of an advanced phase of argillic alteration. Mapping conducted by the writer along this road section (outcrop ID: LeM- 021 to 028) did not encounter any such alteration. Approximately 150-200m of the road section identified as kaolinitic alteration in fact, exposes siliceous, intermediate volcanics with weak to no alteration, consisting predominately of brittle, creamy-pinkish, aphanitic rhyolite, fragmental-lapilli tuffaceous rhyolite and rhyo-dacitic flow banding –striking 360 degrees dipping 85 west. At the end of the road where an exposed section was mapped having advanced argillic alteration – the writer mapped an exposed 5m section of milky-white, medium grain, feldspathic (K-spar?) alteration. The sodic (potassic?) feldspar is weakly kaolinitic. Quartz appears to range 10-15%. Some areas of the feldspathic outcrop have an orange-weathering appearance but no obvious sulphides were noted (a specimen was collected for analysis). Unfortunately the area of exposure is very limited due to a former clear-cut harvest site and subsequent thick second under growth. Similar alteration was mapped by Pawliuk at lower elevations – near the lake.

Another branch road higher along the ridge was also carefully examined as it was previously mapped as exposing propyllitic and advanced argillic phases with sections near the end of the road as containing phyllic alteration. This section of road was mapped by the writer (outcrop ID: LeM-014 to 028) as having predominately brittle, cherty, dacitic flow bands with occasional basaltic flows. A small quarry pit on this road exposed maroon, cherty dacitic to andesitic flow bands striking 350 degrees and dipping 62 degrees west. Lesser sections of andesite with weak to moderate propyllitic (mainly chlorite with minor epidote along fractures) were noted but no advanced argillic phases were evident. At the end of the branch road where the phyllic alteration was initially mapped, is in fact covered by glacial gravelly till – no bedrock was encountered by the writer.



PROPERY GEOLOGY See full scale map In Pocket **FIGURE 5**

The writer also extended surveys to the headwaters of Dumortierite Creek (LeM-029 to 039) – to the divide and in the area of 'unexplored area' as outlined by Ostler. A well exposed section of mafic volcanics can be observed along this area with basaltic-andesitic flows of about equal volume. The volcanic rocks along this area are highly fragmented and broken especially adjacent to the northeast-southwest trending Dumortierite Fault. Cross-cutting the volcanic flows is a northwest trending fine grain, creamy aplitic dyke approximately 50 metres wide. Where the dyke intersects the fault, it is offset as a dextral offset by some 150 metres. The volcanic rocks in this area are fracture filled with apple green epidote and flows are hematitic-rich. A small calcite-rich sulfosalt-like vein about 10 cm wide and traceable for some 20 metres was noted hosted in the mafic volcanic. Minor chalcopyrite and sphalerite are associated with the vein – a sample was collected for analysis. The writer believes that the magnetic gradient signature outlined from the 1991 airborne survey may be in part, reflecting the underlying mafic-rich volcanic rocks observed in this area.

Additional mapping surveys were conducted (LeM-040 to 050) along a partly recent rehabbed logging road which parallels the northwest side of Dumortierite Creek. This area is predominately underlain by andesitic volcanics. A quarry at the end of the rehabbed road exposes andesitic rocks cut by structurally controlled, hydrothermally altered, silica-pyrite-rich mineralization. Adjacent to the road is a bench-like ridge overlooking the west arm of Le Mare Lake where a resistant weathered dome-like feature was examined. An intensely siliceous, brittle, silicified hetero-volcanic breccia is cut by numerous quartz-chalcedony-like veinlets. The breccia fragments include angular banded, lapilli rhyolite, dacite and sub-rounded altered andesite. The dome-like breccia measures roughly 200mx200m. Other then the numerous quartz-chalcedony veinlets, no alteration or sulphides minerals were noted.

Culleet Creek Zone – Lithology and Alteration

Rock exposures along Restless Main logging road and in the area of the Boris and Gorby showings were also examined (LeM-052 to 063). A section of the road leading toward Harvey Cove cuts through a band of creamy, aphanitic rhyolite which grades to dacitic flows. A structurally controlled hydrothermal alteration zone (Plate III) some 25 metres wide cuts through the felsic volcanics, striking 340-345 degrees, vertical to steeply dipping. Large (1m) fragments of the rhyolite are caught up within the intensely altered hydrothermal structure. Alteration consists of greyish silica and fine grain, disseminated (2-8%) pyrite. This is very similar to other structurally controlled hydrothermal zones hosted in the andesites. The road was mapped a further 1.5 kilometres which cuts through mainly homogenous andesitic volcanic rocks weakly altered with occasional fracture-filled epidote.

The Boris and Gorby copper showings were briefly examined and are well documented by Keewatin Engineering Inc. (1991) in an assessment report 22,162. One of key differences the writer noted at Gorby showing was the increase in quartz (and lesser calcite) veining hosted in the andesite, this was not observed in other andesitic rocks mapped – although minor (<0.05%) free chalcopyrite was occasionally noted. Also at the Gorby, quartz-filled stretched amygdaloidal andesitic flows are associated with disseminated chalcopyrite. Mapping was continued westerly toward Harvey Cove. Quartz veining decreases away from the Gorby showing as well as a decrease in chalcopyrite mineralization. A highly silicified breccia with angular rhyolitic and

dacitic fragments including blood-red siliceous hematite fragments, cut by numerous quartz-chalcedony veinlets occurs on a small highly resistant dome-like ridge. This silicified structure is very similar to outcrop noted above along the southwest side of Dumortierite Creek.

The Culleet Creek area is primarily underlain by basalt and andesite amygdaloidal flows, massive flows and flow breccias interbedded with dacite tuffs. Numerous steeply incised, till covered gullies flanked by prominent siliceous spiny ridges are suspected to be underlain by highly altered recessive quartz porphyry dykes and swarms.

Structure

The major structural element on the claim group is a northwest trending major fault system which appears to occur within the topographic low centred along Culleet Creek and LeMare Lake. From exposures in the SGZ, the northwest trending structures have moderate southwesterly dips and slickensides indicate a large component of horizontal displacement. Complimentary northeast trending structures (the northeast lobe of LeMare Lake) usually dip moderately southeast and slickensides indicate a vertical displacement commonly with a south side down. Some northeasterly trending structures dip northwest with unknown displacement sense. Normal east-west trending block faults occur at the south end of the SGZ and at Culleet Creek.

The Culleet Creek area is a complex zone of structural intersections evident from lineaments observed on air photos.

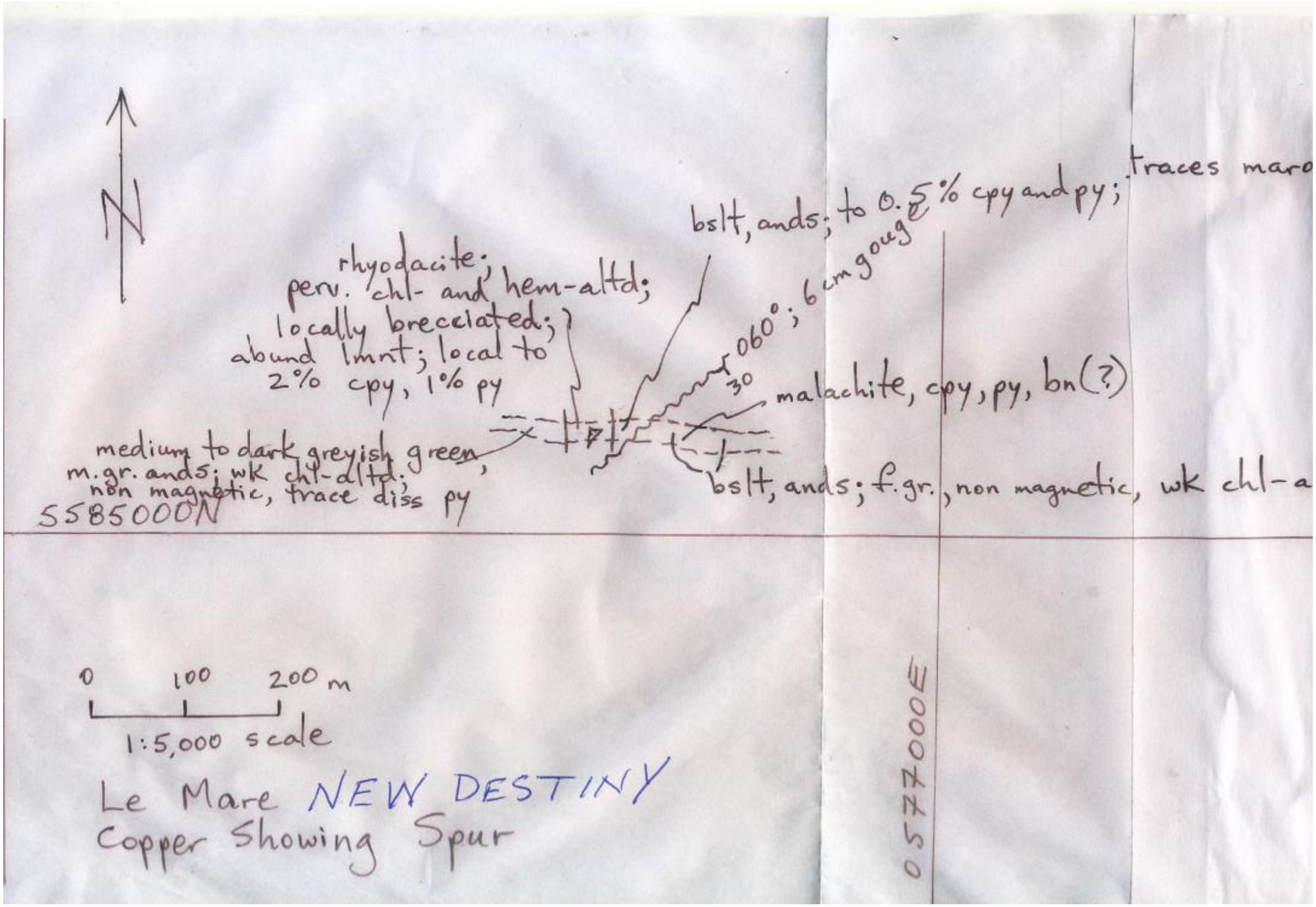
Mineralization

A 6km trend along Culleet Creek and LeMare Lake host numerous Cu (Mo-Au) mineral showings and associated soil geochem anomalies. This trend is coincident with the magnetic-low signature of the alteration trend evident from the high level GSC airborne data.

South Gossan Zone (SGZ)

Copper mineralization flanks the alteration zones and occurs in volcanic wallrocks. Modes of occurrences are described as follows:

- Massive fine grained chalcopyrite and bornite/chalcocite/covellite (may be Au bearing) veinlets and fractures radiating out from beneath the northeast plunge beneath the advance argillic alteration cap.
- Disseminated fine grained chalcopyrite associated with black chlorite-magnetite-hydrobiotite? In mafic volcanic (transitional potassic-phyllic “mafic porphyry”) alteration.
- East of the SGZ and across the LeMare Lake valley (Trapper Cabin area) are fault controlled chalcopyrite and bornite occurrences in siliceous pyritic volcanics.
- To the west of the SGZ and in the headwaters of “Dumortierite Creek”, carbonate veins up to .3m in width occur in propylitic alteration envelopes. The veins have been traced for a strike length of up to 15m.


N
rhyodacite; perv. chl- and hem-altd; locally brecciated; abund lmnt; local to 2% cpy, 1% py
bslt, ands; to 0.5% cpy and py; traces maro
060°; 6 cm goug
30
malachite, cpy, py, bn(?)
medium to dark greyish green, m.gr. ands; wk chl-altd; non magnetic, trace diss py
bslt, ands; f.gr., non magnetic, wk chl-a
5585000N
0577000E
0 100 200 m
1:5,000 scale
Le Mare NEW DESTINY
Copper Showing Spur

Culleet Creek Zone

The Culleet Creek mineral occurrence lies at the northwestern end of the LeMare mineral trend.

Rocks in the vicinity of the Culleet Creek Zone exhibit a white weathering rind on surface (kaolinite after chlorite-K-spar). Numerous voids and boxwork textures with remnant secondary Cu minerals indicate Cu mineralization is being leached by surface weathering and all values encountered near surface are likely depleted. This distinctive weathering characteristic (including chalcedonic quartz intergrowths) occurs over an area of approximately 500m X 750m. Two road borrow pits (Gorby and Boris showings) have fresher rock exposed in the pitwalls and roadfill debris. All rock types exposed in the pits are silicified and mineralized to various degrees. Modes of occurrences of copper mineralization are described as follows:

- Chalcopyrite, chalcocite, minor bornite, covellite, and native copper in apple greed silicified (AGS) zones.
- Associated with chalcedonic intergrowths, jasper and quartz veinlets and fractures, amygdules or disseminated in breccia matrix overprinting all rock types.
- Disseminated chalcopyrite in lesser silicified dark green chloritized volcanics.

The 500m X 750m alteration zone of AGS has been trenched in 1991 with 8 plugger blast hole trenches.

At the Mo Road showing to the west of Culleet Lake, sparse chalcopyrite and molybdenite mineralization has been noted in the road-cut associated with advanced argillic and phyllic alteration.

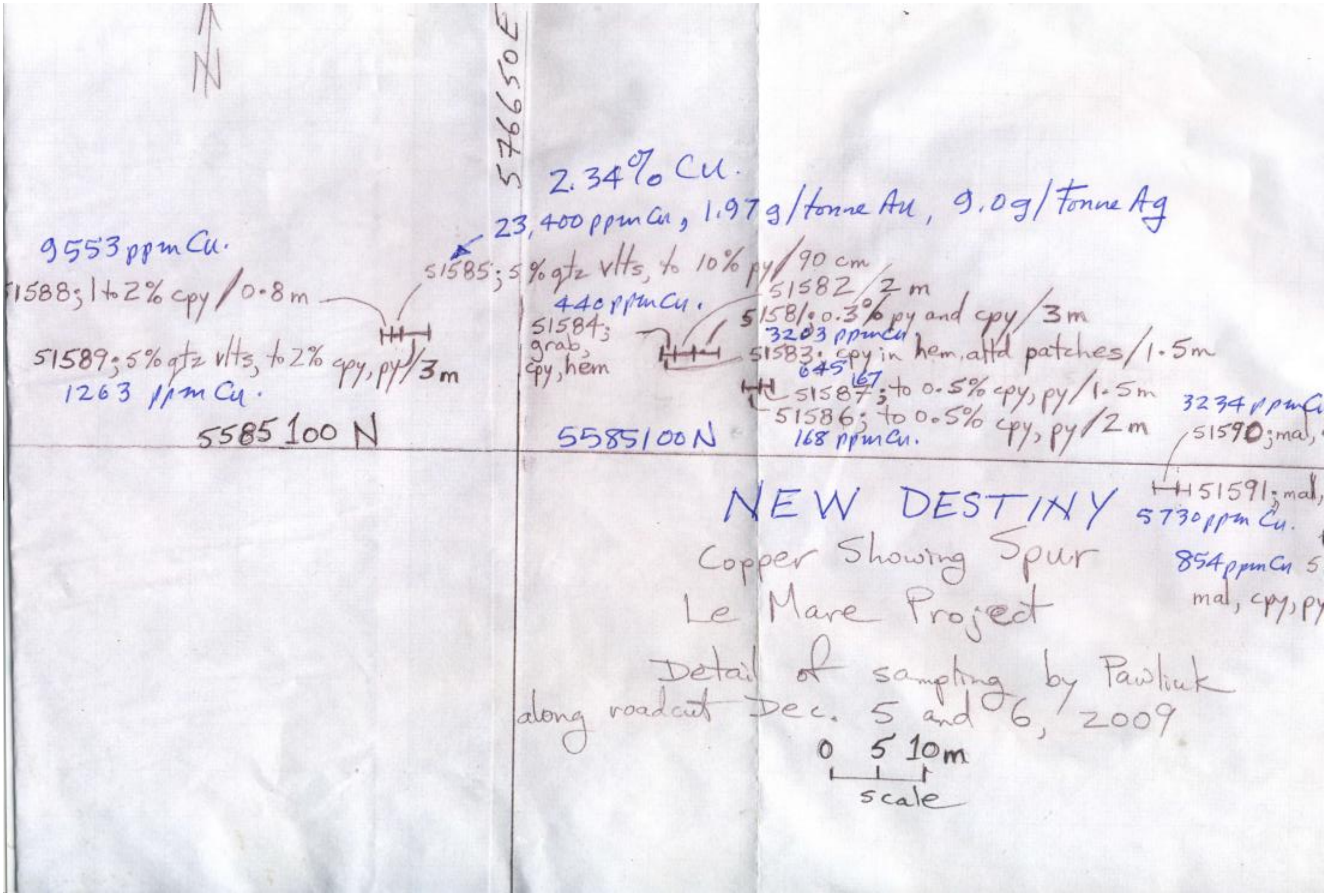
South Lake Zone

The mineralization and alteration style at the South Lake Zone is virtually identical to the silicification and modes of mineral occurrences found in the Culleet Creek Zone. The area between the Culleet Creek Zone and the South Lake Zone is primarily covered in the valley bottom and a total strike length of 2.5km of similar alteration style and mineralization is indicated.

Alteration consists of apple green silicification characterized by light green chlorite, K-spar, and platy chalcedonic intergrowths, jasper and quartz veinlets and stockworks. All of the volcanic rocks are silicified and mineralized. Many of the volcanic rocks in this area exhibit crackle brecciation grading to rotational breccia and locally advancing to chaotic polylithic brecciation indicating that this area may be proximal to an intrusive centre of a volcanic vent.

LeMare No. 2 Showing

The LeMare No. 2 Showing is located in the southwestern border of the main LeMare alteration trend. It is in the immediate vicinity southwest of the Culleet Zone.


N
576650E
2.34% Cu.
23,400 ppm Cu, 1.97 g/tonne Au, 9.0 g/Tonne Ag
9553 ppm Cu.
51585; 5% qtz vlts, to 10% py/90 cm
1588; 1 to 2% cpy/0.8 m
51582/2 m
440 ppm Cu.
51581; 0.3% py and cpy/3 m
51584; grab, cpy, hem
3203 ppm Cu
51583; cpy in hem. altd patches/1.5 m
51589; 5% qtz vlts, to 2% cpy, py/3 m
1263 ppm Cu.
645
167
51587; to 0.5% cpy, py/1.5 m
3234 ppm Cu
51586; to 0.5% cpy, py/2 m
168 ppm Cu.
5585100 N
5585100N
51590; mal,
51591; mal,
5730 ppm Cu.
NEW DESTINY
Copper Showing Spur
Le Mare Project
854 ppm Cu
mal, cpy, py
Detail of sampling by Pawliuk
along roadcut Dec. 5 and 6, 2009
0 5 10m
scale

Chalcopyrite and minor bornite occurs as disseminations and fracture fillings associated with black chlorite, magnetite and K-spar alterations in basic volcanics. Mineralization occurs over 565m along the Restless Main logging road outcrops.

North Lake Zone

The North Lake mineral occurrence is the original discovery outcrop area initially found by British Newfoundland Exploration Company. The style of mineralization and alteration is very similar to the alteration style and mode of occurrence in the LeMare No. 2 Showing but the North Lake Zone is located on the north side of the main LeMare mineral alteration trend as opposed to the LeMare No. 2 Zone which is on the south side. Mineralization occurs in the Restless Main logging road outcrops over a strike length of 450m.

New Destiny Copper Zone (Discovered in 2009)

The New Destiny Copper Zone occurs near 5585000N and 576500E. The showing is exposed along a new logging road hosted by rhyodacite and andesite with pervasive chlorite and hematite, locally brecciated alteration. Mineralization consists of up to 2% chalcopyrite and pyrite. Results are plotted on Figure 7, sample 51585, a chip over 0.9m assayed 2.34% Cu, 1.97 g/tonne gold and 9.0 g/tonne silver.

GEOCHEMISTRY

The geochemical program on the LeMare claims in 1991 consisted of moss mat and active stream sediment sampling, soil sampling along logging road access, and rock chip geochemistry on selected targets. In 2007, some re-sampling of areas sampled in 1991 was necessary to obtain first-hand information and additional sampling was also completed. A total of 131 soils samples and 4 rock samples were collected in 2007. Soil results are plotted on Figures 6 to 14. A key map (Figure 5) shows the locations of Figures 6 to 14.

Previous moss mat, soil and rock chip geochem results indicate a zoned geochemical anomaly exists over a strike length of approximately 6km with up to a 2.5km width. The geochemical anomaly consists of a Mo core which generally coincides with the low pH advanced argillic and phyllic alteration assemblages which is flanked by Au and Cu geochemical anomalies within the transitional potassic-phyllic alteration assemblages with an outboard zoned Zn anomaly corresponding to the distal prophylitic alteration zone.

Previous Moss Mat Sample Results (1991)

Moss mat and active stream sediment results were generally very low. For example, "Dumortierite Creek" did not return any anomalous stream sediment samples or moss mat samples although mineralization outcrops in the creek bed with values up to 5.9% Cu and 154 ppb Au from grab samples. Best moss mat anomalous values include 63, 93, 67 and 166 ppm Cu and 4ppm Mo flanking the South Gossan Zone. One tributary of "Dumortierite Creek" returned 174ppm Cu. In the vicinity south of the South Lake Zone, a moss mat Au anomaly of 1,099 ppb Au (check 82 ppb Au) was encountered in the area above the LeMare No. 2 Showing and west of the South Gossan Zone and east of LeMare Lake. Zinc values of 203ppm, 317ppm and 196ppm were encountered respectively.

Soil Sample Results 2009 West Ridge Area

Sampling in 2009 along the new logging roads on the West Ridge (see Figure 8) which are co-incident with geophysical anomalies, show numerous highly anomalous copper in soil in the area bounded by 576000E to 577000E by 5585000N to 5585500N in and around the newly discovered New Destiny Copper Showing.

Soil Sample Results Southeast Area

Additional soil samples were collected in the Southeast Area (see Figure 8 for results). Some higher copper values were found in the farthest west sampling towards the recently found New Destiny Showing.

A rock grab sample collected near soil G167, of a silicified calcareous volcanic assayed 8.48 g/tonne gold, 120.2 g/tonne silver, 1.23% copper and 20% zinc (and 5,800 cd + 448W). Follow up is required.

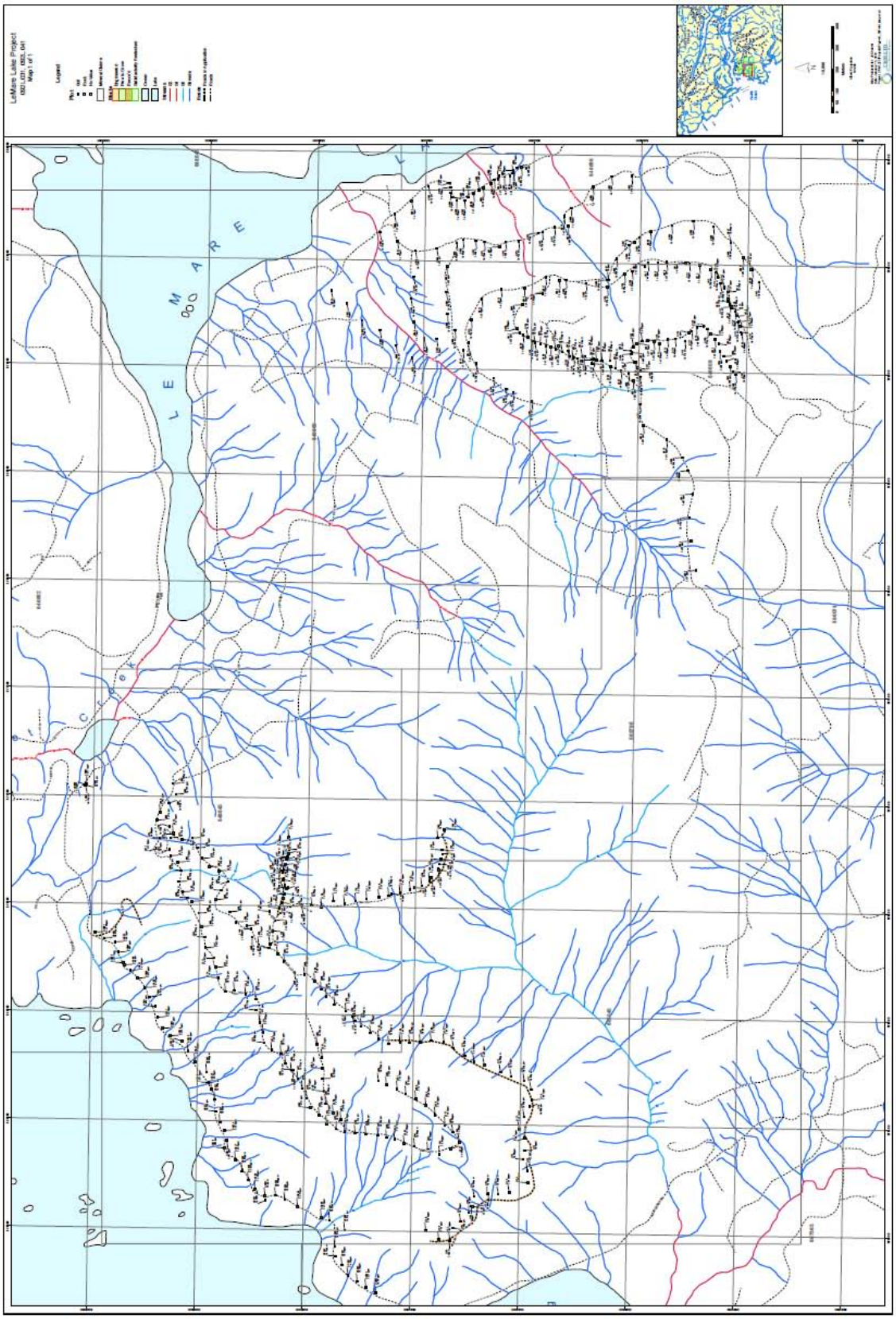


FIGURE 6

See full scale map In Pocket

GEOCHEMISTRY

PREVIOUS GEOPHYSICS

Airborne Magnetics

Total field and calculated gradient maps are available for digitized Geological Survey of Canada 1962 Airborne Magnetic Data.

The calculated gradient map indicated the following:

- A northwest trending low magnetic trough corresponding to the major cross property LeMare alteration trend. This magnetic low is likely caused by the destruction of magnetite within the argillic alteration trend.
- Anomaly A is coincident with the South Gossan Zone and indicates that although magnetite destruction is present at a high level in the advanced argillic and phyllic zones which outcrop on surface, magnetite alteration exists at depth beneath the alteration cap.
- Anomaly B is located on the ridge west of Dumortierite Creek where the best anomalous soil geochemistry on the property occurs. It is interpreted that this area is underlain by a porphyry system with corresponding flanking magnetite alteration and associated Cu-Mo-Au mineralization.
- Anomaly C is the highest magnetic anomaly adjacent to the LeMare-Culleet alteration trend. This anomaly is on strike with east-west faults exposed in the South Gossan Zone and on trend with east-west structures and geochemical anomalies encountered on the east side of LeMare Lake (Trapper cabin area).
- Anomaly D occurs in a covered low-land in the vicinity of gold geochem anomalies “down plunge” of the main South Gossan Zone alteration cap. This large positive anomaly within the northwest trending magnetic low trough indicates that a porphyry and associated magneitite-bearing Cu-Mo-Au system may be at depth beneath the valley till and has not been detected by conventional soil geochemistry completed to date.

Ground Magnetometer Orientation Survey

South Gossan Zone

One traverse line was run in 1991 on the South Gossan Zone utilizing a GEM GSM-10 Magnetometer. Readings were taken at 25m station intervals. Results indicated that values within the South Gossan alteration zone were relatively constant with values ranging between 56,150 and 56,250 gammas. At the alteration contact, a high to 56,650 followed a low to 55,800 gammas encountered a magnetic cross-over of approximately 850 gammas. Within the wallrock volcanics, spiky readings fluctuating 600 to 700 gammas with means at approximately 56,200 gammas occurred. More orientation work is required to make any definitive conclusion; however, the edge of the South Gossan alteration system appears recognizable by contrasts of up to 1,000 gammas indicated by a high-low dipole magnetic feature.

SAMPLE METHOD AND APPROACH

The writer collected 34 geochemical rock samples from the Le Mare Project property area during November and December 2009. Descriptions of these rock samples form Appendix A.

SAMPLE PREPARATION, ANALYSES AND SECURITY

The rock samples were bagged, and then transported by J.T. Shearer via automobile from the Le Mare property to IPL Laboratories in Richmond, British Columbia.

The rocks were analyzed for gold by geochemical fire assay, solvent extraction and atomic adsorption spectrometry. A subsample of 30 gm was assayed. The rock samples were also analyzed for silver, mercury, arsenic, antimony and 46 other elements by aqua regia acid digestion ICPMS.

The rock sample descriptions are presented as Appendix A.

CONCLUSIONS and RECOMMENDATIONS

Some discrepancies in mapping of the alteration zones in the area referred to as the South Gossan Zone raises some questions as to the complete integrity of the previous mapping interpretations, but by enlarge, most of the bedrock types mapped correlate. Some of the wider, structurally controlled hydrothermal alteration zones noted above could also be misinterpreted as alteration phases to a porphyry system (i.e. phyllic, etc.). As discussed with Dave Pawliuk, these fault-sheared hydrothermal surface expressions could be indicative of a heat source at depth. Some of these alteration zones may carry elevated values in various metals. One such area of interest is the elevated gold values (1,417 ppb) associated with structurally controlled hydrothermal zone located just west of Dumortierite Creek (fault). It is also possible that some of Mo, Cu and Zn anomalies outlined in the SGZ could be related to such hydrothermal structures. However, it should not be ruled out that of the some alteration zones previously mapped as having some possible local porphryritic signatures. These alteration zones seem to be confined to the lower elevations parallel to the Le Mare Lake along the lower portions of the SGZ.

At higher elevation, where the writer did most of the mapping, no strong alteration zones such as phyllic-argillic-advanced argillic phases associated to porphyritic event is evident, although such alteration zones were identified by previous mapping. A pervasive weak to moderate propyllitic alteration is commonly associated with the andesitic volcanic rocks and is believed to be related more to regional metamorphism then to a porphyritic mineral event.

At the headwaters of Dumortierite Creek, which also forms a northeast-southwest trending fault, this area has an increase in more mafic volcanic rocks with about equal amount of basaltic and andesitic flows. The propyllitic alteration here is also stronger with numerous epidote fracture-fillings. The rocks are also more enriched with hematite alteration. The writer is uncertain as to how the cross-cutting aplitic dyke genetically relates, if at all, to the surrounding mafic volcanics. The felsic dyke and the airborne magnetic gradient may be vectoring to some porphyritic environment at depth. However, the mafic-rich volcanic rocks in this area are believed by the writer to perhaps be the cause of the magnetic anomaly.

The area identified by Ostler as the ‘unexplored area’ should be reconnaissance mapped, unfortunately at the time of the mapping this area was actively being logged and would best be examined once the logging is completed. The 1.42 gm/t Au along one of the hydrothermal structures warrants further investigation. It is possible for gold-enriched plumbing system to occur in this area as there are numerous hydrothermal fault-fracture filled alteration zones. A number of the elevated gold values co-incidentally occur and appear to be spatially related to Dumortierite Fault.

1. A 6km long northwest trending alteration-mineralization belt occurs on the LeMare property which is coincident with a major airborne magnetic feature.
2. Size of the alteration belt and initial geochemical anomalies encountered compares in order of magnitude to the Island Copper deposit.
3. The South Gossan Zone alteration cap is similar to porphyry alteration caps in the Island Copper Belt. The presence of copper mineralization in outcrop interpreted as leakage from beneath the alteration cap and the zoned geochemical anomaly indicate that a mineralized porphyry likely lies at depth beneath the South Gossan Zone. Because of a significant change in alteration style from one level of the alteration zone to the next, it is estimated that the vertical gradient of the system is relatively shallow.
4. The Culleet Creek zone may be a continuously mineralized zone of a dimension of 750m X 500m characterized by white weathering apple green silicification containing well developed chalcedonic and jasper intergrowths. The copper values are considered to be leached and depleted on surface. All fresh rock of all various rock types that have been encountered in this zone exhibits some degree of silicification and copper mineralization. A major target may be at depth or lateral to this zone.

RECOMMENDATIONS

- Complete prospecting and mapping on the entire six kilometre alteration belt;

- Complete detailed soil geochemistry in areas of sparse road cover and in anomalous areas particularly in the vicinity of the ridge northwest of Dumortierite Creek;

- Initiate first pass prospecting and moss mat geochem sampling of the area east of the Trapper Cabin area in the locality of the high airborne magnetic anomaly. Contingent on moss mat results, consider follow up detailed prospecting, mapping and soil geochemistry;

- Conduct a detailed ground magnetometer survey on all logging road access utilizing fill-in cross lines where applicable;

- Spot diamond drill holes around the north and east flanks beneath the South Gossan Zone alteration cap (refer to Figure 17); layout fences of diamond drill holes on the Culleet Creek Zone; locate contingent drill holes on any additional targets north of the “Dumortierite Creek” or east of the Trapper Cabin area based on detailed field work from Phase I.

Respectfully submitted,

Jo Shearer, M.Sc., P.Geo
January 10, 2010

LEMARE LAKE PROJECT
Cost Estimate for Future Work

A Phase II exploration program is recommended as follows:
Geological compilation, mapping and all previous work to common scales, establish camp facilities, ATV and truck support, re-establish grid, continued environmental baseline studies, additional follow-up geochemical surveys, Induced Polarization in selected areas, and Diamond drilling, Road upgrades will be required for access on the east side.

Budget

Phase II		
Geological mapping	18,000.00	
Planning, selection and site confirmation, camp	15,000.00	
Compilation, digitization	6,000.00	
Petrographic Studies	5,000.00	
Consulting, supervision and reports	12,000.00	
	$56,000.00	$56,000.00
Diamond Drilling & supervision all in cost, 1,500m @ $105/m	157,500.00	
(includes drill moves and consumables)		
Characterization of mineralization and assaying	25,000.00	
Consulting, supervision	7,000.00	
Access Road Opening & Excavator	15,000.00	
	$204,500.00	$205,500.00
Drafting, computer work	20,000.00	
Report Preparation & Reproduction	12,000.00	
	$32,000.00	$32,000.00
Grand Total		**$293,500.00**

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APPENDIX I

STATEMENT OF QUALIFICATIONS

JANUARY 2010

STATEMENT of QUALIFICATIONS

I, JOHAN T. SHEARER, of 3572 Hamilton Street, in the City of Port Coquitlam, in the Province of British Columbia, do hereby certify:

1. I am a graduate of the University of British Columbia (B.Sc., 1973) in Honours Geology, and the University of London, Imperial College (M.Sc., 1977).

2. I have over 35 years experience in exploration for base and precious metals and industrial mineral commodities in the Cordillera of Western North America and Superior Province in Manitoba and Northern Ontario with such companies as McIntyre Mines Ltd., J. C. Stephen Explorations Ltd., Carolin Mines Ltd. and TRM Engineering Ltd.

3. I am a fellow in good standing of the Geological Association of Canada (Fellow No. F439) and I am a member in good standing with the Association of Professional Engineers and Geoscientists of British Columbia (Member No. 19,279) and a member of the CIMM and an elected fellow of the Society of Economic Geologists (SEG Fellow #723766).

4. I am an independent consulting geologist employed since December 1986 by Homegold Resources Ltd. at #5-2330 Tyner St., Port Coquitlam, B.C.

5. I am the author of the present report entitled "Geological and Geochemical Assessment Report on the LeMare Project for New Destiny Mining Corp." dated January 10, 2010.

6. I have visited the property on Nov. 3, 4, 13-17, 20, 25, 26 + 28 and December 1, 13, 14, 22, 23, 26, 29-31, 2009. I have carried out mapping and sample collection and am familiar with the regional geology and geology of nearby properties. I have become familiar with the previous work conducted on the LeMare Lake Project by examining in detail the available reports and maps and have discussed previous work with persons knowledgeable of the area.

Dated at Port Coquitlam, British Columbia, this 10th day of January, 2010.

_____

J. T. Shearer, M.Sc., F.G.A.C., P.Geo.
Quarry Supervisor #98-3550
January 10, 2010

APPENDIX II

STATEMENT OF EXPENDITURES

JANUARY 2010

APPENDIX II
Statement of Expenditures
for
New Destiny LeMare Project
Permit MX-8-253

J.T. Shearer, M.Sc., P.Geo., Senior Geologist, 18 days @ $700/day Nov. 3, 4, 13-17, 20, 25, 26 + 28 and December 1, 13, 14, 22, 23, 26, 29-31, 2009		$ 12,600.00
David Pawliuk, P.Geo., 19 days @ $675/day		12,825.00
Daniel Cardinal, P.Geo., Mapping, 16 days @ $650/day		10,400.00
	Subtotal	$ 35,825.00
	GST on Wages	1,791.25
	Total Wages	$ 37,616.25
Truck Transport, 2 trucks, 42 days @ $85 /day		3,570.00
Truck Transport, 1 truck 32 days @ $51.86/day		1,659.52
Alex Nelson, 17 days @ $260/day		4,420.00
Alex Nelson, 15 days @ $265/day		3.975.00
Steve Shearer, 17 days @ $280/day		4,760.00
Steve Shearer, 15 days @ $280/day		4,200.00
John Grabavac, 17 days @ $300/day		5,100.00
John Grabavac, 11 days @ $300/day		3,300.00
Hotel		748.17
Meals		203.01
Camp, 30 days @ $150/day		4,500.00
Food & Supplies		3,557.74
Rental of Radios for Logging Trucks, 32 days @ $20/day		640.00
Rental of Diamond Sampling Saw, 20 days @ $75/day		1,500.00
Tire Repair		236.51
Boat Travel from Coal Harbour for groceries and supplies		2,000.00
Fuel, Boat & Truck		691.59
Ferries		646.20
Analytical, 505 soils and rock samples @ $21.75/ea, IPL		10,983.75
Jedway Enterprises, Excavator for Road		12,909.75
Computer Drafting, CRM		2,501.63
Maps, Vector Reprographics		111.45
	Subtotal	$ 72,214.32
	Grand Total	**$ 109,830.57** (plus GST)

Event # 4435408
Filed $65,000
Applied $50,982.75

APPENDIX III

SAMPLE DESCRIPTIONS

JANUARY 2010

Project: Lemare Lake					
Outcrop	UTM Zone	9			
Field ID	Easting	Northing	Sample	Photos	Field Description - Comments
LeM-01	579141	5584301			Oxide fault gouge
LeM-02	579380	5584130			Dacitic-abundant, fine well-rounded quartz coated with very fine pyrite in dacitic-felsic matrix. Veinlets along fractures
					chalcedony-like veinlets.
LeM-03	579242	5584088			Andesitic with minor seams of py.
LeM-04	579127	5583999			Highly siliceous, cherty-like flow banding, marooned to greenish laminated bands or flows. Little to no sulphides.
					Probable limb of open fold - strike: 340 dip 20 west. Occassionaly bands show fine, dark green clasts, tuffaceous.
LeM-01R	579109	5583938	Rock		Sample collected from brittle fault contains, finely lensoid-stretched clots of green talocose mineral. Occassional
					hematite fragments with minor specular hematite. One fi Single fine grain of chalcopyrite.
LeM-05	579096	553882			Fault: brittle deformation zone - strike: 100, dip 30-40 south.
LeM-05	579096	5583882			(Quarry) Brittle, cherty, flow banded, green-maroon dacitic volcanics, occassional jasperoid fragments.
LeM-06	579056	583811			Fault: approx. 2 metres wide with intensely sheared zone (0.5m wide) and a zone of highly brittle rock (1.5m wide). Wall rock
					banded, brittle rhyo-dacitic. Flow banding is shallow dipping.
LeM-07	579063	5583750			Greenish-marooned, rhyo-dacitic flow banding.
LeM-08	578909	5583479			Marooned colour, flow banding cherty, dacitic volcanics with mafic, chloritic clots and hematitic fragments.
LeM-02R	578909	5583479	Rock		Very minor chalcopy along fractures - sample: **LeM-02R**
LeM-09	578825	5583492			Marooned volcanics (rhyo-dacitic) increasing in mafic content (andesitic). Quarry exposes well banded cherty rhyo-dacite.
					Striking 23 degrees, dipping 40-45 west. Quarry fracturing shows semi-concoidal fracturing along the face.
LeM-10	578701	5583393			Dacitic with increase in andesite.
Lem-11	578631	5583314			Andesite exposed for about 50-75 metres along road. Change from intermediate to more mafic volcanic composition.
LeM-12	578967	5583497			Banded, brittle, marooned rho-dacitic volcanics with bands of latitic flows (euhedral pink feldspars dark green (andesitic) matrix.
LeM-13	579057	5583520			Same in Quarry pit.
LeM-014	579058	5583091			Till (elev. 600m) area mapped as phyllic alteration (??).
LeM-015	579138	5583129			Small outcrop (4m wide) cherty, dark greyish-green basaltic(?) flow.
LeM-016	579222	5583209			Small outcrop 4-5m basaltic with dacitic flow banding with lappilli fragmental flows - strike: 82 degrees, dip vertical.
LeM-017	579198	5583254			Andesite mod. Siliceous, chloritic with epidote along fractures - **moderately propyllitic**.
LeM-018	579172	5583295			Andesite **weakly-moderately propyllitic**.
LeM-019	579119	5583526			Andesite with minor dacitic flow bands.
LeM-020	579066	5583535			Quarry. Distinct flow banding, dacitic-cherty, maroon-green flow banding
					Flows striking: 350 degrees dipping 62 west.
LeM-021	579168	5583648			**Massive, milky white, semi-crystalline K-spar weakly kaollinitic alteration. Exposed for approximately 5m . Approximately**
LeM-03R	579168	5583648	Rock		10-15% quartz. Sample: **LeM-03R**.
LeM-022	579160	5583664			Contact K-spar alteration with creamy, siliceous, fragmented flow band rhyolitic volcanic. Fragments are healed with siliceous hematitic
					veinlets. Flow bands strike: 360 degrees dip 85 west.
LeM-023	579161	5583679			Highly siliceous, surface oxidized, light grey-green dacite.
LeM-024					(End of exposure.)
LeM-025	579143	5583722			Surface oxidized, pinkish, fragmented ryholitic volcanic. Fragments healed with veinlets of hematite.
LeM-026	579122	5583740			Intensely fragmented rhyo-dacitic volcanic. Highly siliceous with occassional hematitic fragments. Fractures healed with
					siliceous hematitic veinlets.
LeM-027	579117	5583728			Change in lithology - cherty, marooned banded rhyo-dacite.
LeM-028	579106	5583705			Marooned colour, dacitic flow bands with hematitic fragments.
LeM-029	578551	5583264			029 to 030 continous exposure of massive andesite, unmineralized.
LeM--030	578514	5583246			as above
LeM-031	578387	5583253			031 to 032 andesite sections weakly propyllitc.
LeM-032	578266	5583259			as above
LeM-033	578199	5583251			033 to 034 andesite -greenstone

LeM-034	578097	5583241			as above
LeM-035	578055	5583237			Highly fractured andesite with numerous epidote fracture fillings. This way point is postioned at the divide and headwaters of the
					Dumortierite Creek. Dumortierite Fault also transects through this divide, trending northeast-southwest. Andesitic volcanic
					rocks on either side display intense brittle deformation.
LeM-036	577944	5583153			Eastern contact of a 44 metre creamy, f.gr. Aplitic dyke.
LeM-037	577900	5583143			Western contact of the dyke, which throught cuts throught greenstone (basaltic-andesite), intensely fracture with numerous
					epidote fracture fillings. The aplite dyke is offset by Dumortierite Fault, dextral movement by some 100-150 metres.
LeM-038	577850	5583069			Massive, dark green highly fractured, andesitic greenstone.
Cu-calcite	577811	5583065			Calcite vein carry sulfosalts (?) with chalcopyrite, sphalerite and a silver-looking mica. Vein is hosted in hematite-rich, highly
LeM-03AR			Rock	2	fractured basaltic volcanics.
LeM-039	577744	5583018			Massive, contorted flows of andesite and basalt with large lenses (1m wide) of blood-reddish hematitic bodies. The rocks are
					highly fractured and carry numerous veinlets of epidote, also along narrow (10cm) shear zones.
(Complete mapping the roads along this quadrant.)					
November 25, 2009:					
LeM-040	579166	5585379			Small out crop on road bed. Dk-green, mod. Siliceous andesite with disseminated py 1-2%.
LeM-041	579143	5585257			Small out crop on road with siliceous andesite with inclusions of bluish-grey quartz, py <1%.
LeM-042	579136	5585262			Hydrothermal shear-fracture. Bleached, greyish silica-pyrite-rich altered andesite. Hydrothermal alteration 2-3m wide.
LeM-043	579167	5585131			Outcrop on road. Dk-grn, siliceous andesite with disseminated subehdral to rounded quartz having a porphyritic appearance.
LeM-04R	579167	5585131	Rock		Sample collected andesite contains at least 2 small grains of chalcopyrite - sample number: LeM-04R.
LeM-044	579109	5585133			Hydrothermal shear-fracture. Bleached, greyish silica-pyrite-rich altered andesite. Hydrothermal alteration 4-5m wide trending
					north-easterly. Contact wall of unaltered andesite host rock is moderately bleached penetrated by hydrothermal alteration for 6-8cm.
LeM-045	579050	5585182			Dk-grn, siliceous andesite weakly propyllitic with minor epidote te veining - bedrock exposed for about 25m along road.
LeM-046	579022	5585204		4	Quarry exposure approx. 25m across. Hydrothermal leaching of sheared-fractured and brecciated andesite
					4-photos of the 2 hydrothermal bleached structures in the quarry show alteration penetrating up to 10-12 cm into unaltered andesite
					host rock. The leached andesitic zones are greyish, silica-rich with 2-5% finely disseminated pyrite and striking 300 degrees dipping 65-70 NE.
LeM-047	578883	5585303		5	Highly siliceous, hetero-pyroclastic/fragment dome cemented by a network of spider-web-like, quartz-chalcedony-like veinlets. Fragments lets.
					Fragments include: banded dacitic to rhyo-dacitic, lappilli ryholitic flows and sub-rounded altered andesite with the pyrodastic
					fragments orientated in various directions healed with network of siliceous veinlets. A partial survey of the dome-like feature was
					conducted and is at least 200mx2ix200m. Little to no sulphides were noted.
LeM-05R	578883	5585303	Rock		Sample was taken along the exposed face of the dome
LeM-048	578910	5585230			Massive, dr-grn andesite. Outcrops along the west side of small divide of an east-west trending valley which probably is fault feature
					and directly across from the silica-rich dome.
LeM-049	578956	5585148			Hydrothermal bleaching of sheared-fractured andesite with 8-10m bleached greyish silica-rich and fine grain, pyrite-rich alteration zone.
					Hosted in unaltered andesite. Bleached structure trends 60 degree NE and is steeply dipping.
LeM-050	578973	5585100			Quarry exposure approx. 30-40m across. Hydrothermal bleached structure. Greyish silica-rich, pyrite-rich bleached andesite approx. 2m
					wide. Hosted in unaltered andesite. The bleached structure strikes 70 degrees, dipping70 ping 70-80 west. This alteration is very similar to the
					alteration encountered noted above.
					(End of Road Mapping Survey.)
Mapping Boris-Gorby quadrant and Restless road section:					
LeM-051	577089	5586015			Creamy-white, f.gr.,rhyolite. Rhyolite outcrop is cut by structurally controlled (fault-fracture) hydrothermal bleaching, consisting
					greyish silica-pyrite enrichment approx. 15 metres wide - striking about 70 degrees, dipping 25-30 south.
LeM-052	577013	5586090		1	Road exposure - altered dacitic - rhyolitic flow cut by fault controlled intense hydrothermal alteration 25m wide striking: 20-25 degrees
					and vertical to steeply dipping. The hydrothermal structure has large (1m wide) breccia-like fragments of altered dacite/ryholite.
					Hydrothermal alteration shows typical surface yellowish-like oxidation. On fresh break the alteration is characteristcally greyish highly
					siliceous with abundant (>5%) finely disseminated pyrite - no other sulphides occur with these hyrdrothermal lenses. (See photo).
LeM-053	576898	5586127			Andesite with some dacitic flow bands - weak to mod. Siliceous alteration.
LeM-054	576821	5586128			Dk-grn, siliceous andesite, well fractured - essentially unmineralized - little to no pyrite.
LeM-055	576666	5586068			Outcrop near the Boris showing - Andesite weakly altered (chloritic)

LeM-056	576669	5586028			**Boris Showing:** siliceous andesite hosting minor iregular quartz veining. Minor chalcopyrite occurs as blebs in andesite and occassionally
					with the quartz veins. Chalcopyite is probably <0.1%. Several boxes of drill core from 1992 are stored on site.
LeM-057	576586	5586044			On Restless road section: Dr-grn andesite, weakly altered with minor epidote-quartz stringers.
LeM-058	576510	5586011			Andesite with purplish basaltic flow bands, well fractured.
LeM-059	576460	5586000			Massive, fractured, dk-grn andesite.
Groby	576531	5586141			**Gorby Showing:** Siliceous andesite. Increase quartz veining also increase dessiminated chalcopyrite. Showing is exposed in quarry. The
					face of the quarry is approximately 6-8m high. At the base the andesite hosts irregular quartz along the upper section (near the top) the
					andesite hosts stretched vesicules or amygdaloidal-filled quartz - both of these flows host chalcopyrite mineralization (approx. <0.2%).
LeM-060	576471	5586152			Siliceous andesite, <1% pyrite. Evidence of flow banding: striking 330 degrees, dipping 62 west.
LeM-061	576381	5586112			Siliceous andesite with brittle, cherty, marooned-greenish dacitic flow banding hosting quartz-hematite veining carrying minor
					amounts of fine chalcopyrite - sample LeM-06R.
LeM-06R	576381	5586112	Rock		Sample of the above (LeM-061) outcrop.
LeM-062	576305	5586085			Cherty, marooned-greenish dacitic/rhyo-dacitic flow banding. Brittle, quartz veining and hematite fragments.
LeM-063	576292	5586102			Small erosional resistant outcrop on knoll near Harvey Cove. Intensely fragmented/brecciated, highly siliceous with abundant, large
					red hematite fragments and cherty rhyo-dacitic breccia cemented by network of spider-like quartz-chalcedony veining.
					Very similar to outcrop observed at LeM-047. No sulphides or K-spar or other hydrothermal ateration noted.
End of mapping program - Le Mare Lake Project.					

LEMARE PROJECT — Pawliuk rock samples — Nov. 2009

Sample number	EASTING	NORTHING	POS'N ERROR	Sample type	REMARKS
51560	579562	5584732	+/- 7 m	GRAB	Grab from 4 places. Green-black, fine grained, moderately magnetic basalt with pale green epidote along fractures and as spots; local 1 % light grey quartz veinlets to 3 mm wide; traces disseminated pyrite. Sample taken 54 m upstream of bridge across Dumortierite Creek.
51561	579500	5584743	+/- 6 m	GRAB	Dark grey, fine grained basalt with local 3 - 4% disseminated pyrite. Patchy dark brown to orange limonite on weathered surface. Taken 120 m upstream of bridge across Dumortierite Creek.
51562				GRAB	Grab from few places across 1.5 m. Sheared, weakly silicified, weakly clay-altered andesite; traces pyrite. Patchy, pervasive, local weak to moderately epidote-altered. Sample site may be a fault structure approx. perpendicular to trend of creek. Taken 168 m upstream of bridge across Dumortierite Creek. GPS pos'n not obtained within creek gully.
51563	579192	5584609	+/- 8 m	GRAB	Fresh, weakly to moderately magnetic andesite with epidote veinlets to 0.75 mm wide. Traces to 0.5% finely disseminated sulphide. Taken 515 m upstream of bridge across Dumortierite Creek.
51564	579159	5584576	+/- 10 m	SELECT	Irregular, branching chalcopyrite bands within 11 cm wide breccia dyke exposed for about 60 cm strike length in creek bed. Breccia dyke strike 055 degrees, dip about 80 degrees to northwest. The chalcopyrite bands are subparallel dyke margins. Breccia dyke may be emplaced along fault slip approx. parallel trend of creek; but, this possible fault is tight with little or no gouge nor alteration associated with it. Taken 574 m upstream of bridge across Dumortierite Creek.
51565				GRAB	Weakly magnetic, weakly chlorite-altered andesite with about 0.5% very finely disseminated sulphide. Subconchoidal fracture; possibly weakly K-spar altered. Taken 700 m upstream of bridge across Dumortierite Creek. GPS pos'n not obtained within creek gully.
51566	579566	5584351	+/- 8 m	GRAB	Green-black, fine grained weakly magnetic basalt. Pervasively weakly chlorite-altered, traces epidote veinlets; traces quartz veinlets; local traces chacopyrite within epidote-quartz veinlets. Sample from roadcut exposure near old aluminum sample tag # 67M 32 33?
51567	579553	5584358	+/- 6 m	GRAB	Black, fine grained, weakly magnetic basalt. Abundant limonite on weathered outcrop surface; local 3% very finely disseminated pyrite and pyrrhotite(?); 0.5% pale grey quartz veinlets.
51568	579514	5584375	+/- 7 m	GRAB	Black, fine grained, weakly to moderately magnetic basalt. Traces disseminated pyrite; trace chalcopyrite along fractures; trace epidote as hairline veinlets.
51569	579449	5584407	+/- 7 m	GRAB	Black, fine grained, moderately magnetic basalt. Local irregular quartz veins to 2 cm wide contain galena(?) and sphalerite?; traces to 1% pyrite; trace chalcopyrite(?). 1% epidote veinlets which contain sulphide - this sulphide either pyrite or chalcopyrite.
51570	579434	5584402	+/- 9 m	GRAB	Black, fine grained basalt with epidote veinlets. 0.5% very finely disseminated pyrite plus ??. Occassional hairline to 1.5 mm wide chalcopyrite veinlets.
51571	579366	5584085	+/- 14 m	GRAB	Weakly, pervasively chlorite-altered dacite with 1% grey quartz veinlets. 1% very finely disseminated pyrite plus possibly other sulphides. Rock exposed in outcrop.
51572	579133	5584298	+/- 6 m	GRAB	Medium green, non-magnetic rhyolite; weakly, pervasively chlorite-altered. Traces to 0.5% very finely disseminated pyrite; traces chalcopyrite as blebs to 2 mm across - chalcopyrite mostly as blebs to 2 mm across within black chlorite(?) spots 3 to 6 mm across. Grab from several places across 1.5 m in roadcut.
51573	579366	5584077	+/- 8 m	GRAB	Siliceous dacitic tuff; weakly and pervasively chlorite-altered. Limonite on weathered outcrop surface; 0.5% very finely disseminated pyrite; trace chalcopyrite; rock similar to that seen at Gorby occurrence on western side of property except here no epidote seen. Grab from few places across 1.5 m.
51574	579484	5582818	+/- 9 m	GRAB	Dark greenish grey, fine grained andesite with 0.5% epidote along fractures. Traces pyrite and chalcopyrite as blebs to 2 mm across; non-magnetic; weakly, pervasively chlorite-altered. Sample taken in hangingwall of fault strike 152 degrees dip 55 southwest.

51575	579483	5582818	+/- 9 m	CONTINUOUS CHIP	Brecciated, pervasively silicified andesite within fault zone 25 cm wide. Andesite also pervasively, weakly epidote-altered. Fault contains 3% broken, off-white vein quartz fragments and say 5% brick red, jasperoid fragments; these jasperoid fragments contain 1% very finely disseminated pyrite. Sample taken as continuous chip across entire width of fault, 25 cm. The footwall andesite has been pervasively stained a maroon colour due to presence of hematite.
51576	579831	5583064	+/- 8 m	GRAB	Fine grained, siliceous rhyolite tuff with 1% very finely disseminated sulphide. Pervasive weak chlorite-altered. Grab from roadcut outcrop.
51577	579714	5583868	+/- 15 m	GRAB	Medium to fine grained andesite with traces disseminated sulphide. Weakly chlorite-altered. Grab taken from roadcut outcrop exposure.
51578	579148	5583003	+/- 9 m	GRAB	Grab taken from breccia dyke about 28 cm wide that is exposed for about 2 m along strike. Breccia dyke contains 5% pyrite, with both grey-white vein quartz fragments and say 2% jasperoid vein material as fragments. Breccia dyke locally contains up to 60% pyrite across few cm. Dyke wallrock is fresh, unaltered, medium grained, dark greyish green basalt with 2.5 mm wide quartz veinlets, and local traces epidote as patches along fracture surfaces.
51579	579331	5583085	+/- 8 m	GRAB	White, cherty, silica rock crosscut by local off-white quartz veinlets with faint boundaries. Quartz locally stained purple due to irregular amethyst bands. Silica rock unit at least 2 m thick, exposed in roadcut along deactivated logging road; unit strike 060 degrees, dip 10 degrees to the northwest. Fotos taken. Silica rock becomes medium to dark grey about 25 m along strike from sample site.
51580	574972	5584312	+/- 8 m	GRAB	Light grey-green, fine grained dacite from western end of spur road, overlooking ocean. Traces pyrite, pale orange limonite on fracture surfaces; no chalcopyrite seen.
51581	574962	5584302	+/- 8 m	SELECT	Vein with 1 to 2% pyrite and traces pale grey, very finely disseminated metallic mineral (arsenopyrite?). Pyrite is tarnished; there may be some chalcopyrite present but doubtful. Vein about 8 cm wide, banded, 60% calcite / 40% quartz; sample from angular boulder that looks to be within a couple of m of bedrock source. Sample location 10 m southwest of 51580.
51581(I)	576670	5585111	+/- 13 m	DISCONTINUOUS CHIP ACROSS 3 m	Fine grained, non-magnetic, weakly chlorite-altered basalt. Average 0.3% combined very finely disseminated pyrite and chalcopyrite; sulphides both within basalt, and within crosscutting, pale grey quartz veinlets. From roadcut. Not well mineralized; non magnetic rock.
51582	576670	5585111	+/- 13 m	DISCONTINUOUS CHIP ACROSS 2 m	Sample collected immediately adjacent to 51581 above, and on west side of 51581. Fine grained, non-magnetic, weakly chlorite-altered basalt. Average 0.3% combined very finely disseminated pyrite and chalcopyrite; sulphides both within basalt, and within crosscutting, pale grey quartz veinlets. From roadcut. Not well mineralized; non magnetic rock.
51583	576670	5585111	+/- 13 m		Sample collected immediately adjacent to 51582 above, and on west side of 51582. Fine grained, non-magnetic, weakly chlorite-altered basalt. Average 0.3% combined very finely disseminated pyrite and chalcopyrite; sulphides both within basalt, and within crosscutting, pale grey quartz veinlets. From roadcut. Here basalt pervasively, weakly hematite-altered; the hematite-altered patches contain more chalcopyrite than is seen where no hematite alteration visible. Likely flow; some amygdules filled with watery grey quartz seen.
				DISCONTINUOUS CHI	
51584	576670	5585111	+/- 13 m	GRAB	Grab sample of moderately hematite-altered, chalcopyrite-rich material within middle of 51583 sample interval. Medium brown, fine grained, non-magnetic, weakly chlorite-altered basalt. Amygdules filled by clear quartz.
51585	576637	5585112	+/- 7 m	CONTINUOUS CHIP ACROSS 0.9 m	Dacite with 5% light grey quartz veinlets. Local to 10% pyrite across patches few cm wide.
51586	576675	5585107	+/- 8 m	CONTINUOUS CHIP ACROSS 2.0 m	Maroon to light grey, fine grained, pervasively hematite-altered basalt. Abundant limonite along weathered fracture surfaces. Traces to 0.5% combined disseminated blebs of chalcopyrite and pyrite. Local pyrite veinlets to 1.5 mm wide along irregular fracture surfaces. Pyrite also occurs as subhedral crystals 4 mm across. Local traces malachite as earthy, pale green spots to 4 mm wide on weathered surfaces. Non magnetic rock. Local siliceous patches where rhyolite(?) bands present.

51587	576675	5585107	+/- 8 m	CONTINUOUS CHIP ACROSS 1.5 m	Maroon, fine grained, pervasively hematite-altered basalt; non magnetic. Abundant limonite along weathered fracture surfaces. Traces to 0.5% combined disseminated blebs of chalcopyrite and pyrite. Sample collected on east side of 51586 sample interval.
51588	576636	5585112	+/- 7 m	DISCONTINUOUS CHIP ACROSS 0.8 m	Dacite; medium brownish grey, with 5% light grey quartz veinlets. Possibly fine grained lapilli tuff; faint fragmental texture. Weak chlorite alteration, local faint hematite stain across few mm. Local to 10% pyrite across patches few cm wide, av. 1 to2% pyrite; up to 2% chalcopyrite. Brown orange limonite rind 3 to 4 mm thick on weathered outcrop surface. Non magnetic rock.
51589	576639	5585112	+/- 7 m	DISCONTINUOUS CHIP ACROSS 3.0 m	Medium grey-brown, granular rhyo-dacite with 5% light grey quartz veinlets. Local to 2% chalcopyrite, 1% pyrite. Local vugs to 5 mm across lined by clear brownish euhedral quartz crystals.
51590	576722	5585097	+/- 8 m	DISCONTINUOUS CHIP ACROSS 2.5 m	Weakly brecciated medium grey dacite healed by 5% light grey veinlet quartz. Local to 2% chalcopyrite, 1% pyrite, spots bright green malachite on weathered fracture surfaces. Non magnetic rock.
51591	576722	5585097	+/- 8 m	DISCONTINUOUS CHIP ACROSS 1.5 m	Rock as for 51590; sample collected immediately east of 51590. Fotos taken of mineralized outcrop. Malachite, chalcopyrite, pyrite and bornite(?) observed. Average 2% pyrite, say 0.5% chalcopyrite. Traces malachite and bornite(?); mineral identified as bornite(?) may be tarnished chalcopyrite or pyrite.
51592	576739	5585092	+/- 5 m	DISCONTINUOUS CHIP ACROSS 1.0 m	Dark maroon-grey, fine grained andesite contains malachite, chalcopyrite, pyrite and bornite(?). Local 3% light grey, irregular quartz veinlets. Non magnetic rock.

Position Format UTM UPS, Map Datum None, Map Spheroid WGS 84

Sample #	Sample Typ	Soil Color	Depth (cm)	Horizon	Remarks	Easting	Northing
L001	soil	red brown	30	B	beside stream	0576726	5585640
L002	soil	red brown	20	B	many angular pebbles	0576696	5585606
L003	soil	brown red gray	15	B	sampled at 2 nearby locations, one along fault	0576657	5585588
L004	soil	brown gray	20	B		0576606	5585598
L005	soil	orange	150	B	water trickling from sampled layer	0576558	5585581
L006	rock				gray blue	0576532	5585558
L007	soil	brown gray	30	B	sluffed onto road from treeline above	0576514	5585536
L008	soil	dark red brown	20	B	sluffed onto road from treeline above, angular pebbles	0576462	5585504
L009	soil	dark brown	20	B	sluffed onto road from treeline above, angular pebbles	0576400	5585491
L010	soil	dark brown	20	B	sluffed onto road from treeline above, angular pebbles	0576350	5585475
L011	soil	dark brown	20	B	sluffed onto road from treeline above, angular pebbles	0576302	5585470
L012	soil	dark brown	20	B	sluffed onto road from treeline above, angular pebbles	0576254	5585431
L013	soil	red brown	20	B	sluffed onto road from treeline above, angular pebbles	0576211	5585421
L014	soil	red brown	20	B	sluffed onto road from treeline above, angular pebbles	0576162	5585409
L015	soil	dark brown	20	B	sluffed onto road from treeline above, angular pebbles	0576099	5585375
L016	soil	dark brown	20	B	sluffed onto road from treeline above, angular pebbles	0576106	5585334
L017	soil	red brown	30	B	sluffed onto road from treeline above, angular pebbles	0576087	5585282
L018	soil	brown	20	B	sluffed onto road from treeline above, angular pebbles	0576066	5585234
L019	soil	brown	20	B	sluffed onto road from treeline above, angular pebbles	0576016	5585231
L020	soil	red	40	B	at upturned stump	0575957	5585214
L021	soil	dark brown	20	B	near slide area	0575914	5585198
L022	soil	dark brown	20	B		0575866	5585193
L023	soil	dark brown	20	B		0575833	5585157
L024	soil	dark brown	20	B		0575817	5585113
L025	soil	red brown	20	B		0575770	5585091
L026	soil	red brown	40	B	along slide area, under stump	0575739	5585055
L027	soil	red	30	B	under stump	0575700	5585034
L028	soil	red	25	B	under stump	0575655	5585012
L029	soil	brown	25	B		0575609	5584991
L030	soil	brown	25	B	fine rock in slide area	0575566	5584973
L031	soil	red brown	25	B	sluffed material	0575532	5584933
L032	soil	red brown	25	B	under stump	0575494	5584897
L033	soil	red	25	B	at treeline under roots	0575470	5584853
L034	soil	red	20	B	at junction of two roads	0575459	5584812
L035	soil	red brown	20	B	at treeline under roots	0575453	5584764
L036	soil	red brown	25	B	at treeline under roots	0575449	5584715
L037	soil	red brown	20	B	at stump on downslope side	0575444	5584658
L038	soil	red	20	B	at treeline under roots	0575433	5584618
L039	soil	red	25	B	at treeline under roots	0575426	5584581
L040	soil	brown	20	B		0575408	5584536
L041	soil	brown	20	B	sluffed material	0575395	5584488
L042	soil	brown	20	B	sluffed material	0575380	5584426
L043	soil	red	20	B	at turn of road	0575360	5584371
L044	soil	bright red	25	B	at base of stump	0575385	5584319
L045	soil	red brown	15	B		0575417	5584280
L046	soil	red	25	B	along ditch	0575462	5584310
L047	soil	red brown	20	B	along ditch	0575496	5584348
L048	soil	red	20	B	along ditch	0575541	5584394

L049	soil	red brown	25 B	along ditch	0575586	5584438
L050	soil	red	20 B	along ditch	0575615	5584485
L051	soil	brown	20 B	along ditch	0575636	5584531
L052	soil	red	20 B	along ditch	0575659	5584572
L053	soil	red brown	20 B	along ditch	0575677	5584623
L054	soil	red brown	20 B	in ditch at end of road	0575695	5584660
L055	soil	red	50 B	sluffed material	0575513	5584831
L056	soil	red brown	25 B	sluffed material	0575545	5584868
L057	soil	red brown	10 B	sluffed material	0575587	5584903
L058	soil	red brown	20 B	sluffed material	0575644	5584912
L059	soil	red brown	20 B	sluffed material on animal trail	0575701	5584919
L060	soil	red	20 B	sluffed material	0575750	5584919
L061	soil	red brown	20 B	flagging tape from previous sampling is present at site	0575801	5584923
L062	soil	dark red brown	15 B		0575860	5584947
L063	soil	bright yellow	15 B	taken from 10m up into slide area from trail	0575741	5585065
L064	rock			alternating black and gray layers. Rock taken from slide area.	0575740	5585065
L065	soil	bright red	25 B	at road intersection	0577060	5585634
L066	soil	red brown	20 B	possible talc nearby	0577011	5585619
L067	soil	red brown	25 B		0576969	5585650
L068	soil	yellow brown	30 B		0576926	5585690
L069	soil	red yellow brow	30 B		0576890	5585704
L070	soil	dark brown	20 B	near outcrop	0576806	5585687
L071	soil	dark brown	5 B	some organic material	0576759	5585703
L072	soil	gray brown	15 B		0576755	5585644
L073	soil	bright red	20 B	jasper vein 5m SE of sampling location	0576808	5585641
L074	soil	brown	15 B	sandy	0576827	5585625
L075	rock			fine crystalline blue rock with shiny metallic cubic crystals	0576831	5585628
L076	soil	light brown	20 B	clay	0576802	5585588
L077	soil	light brown	25 B		0576809	5585538
L078	soil	red brown	40 B	sampled from 2 locations with yellow sandy material exposed	0576764	5585514
L079	soil	red brown	25 B		0576715	5585491
L080	soil	light brown	15 B	sluffed material	0576677	5585458
L081	soil	red gray	25 B	sandy	0576658	5585413
L082	soil	light brown	25 B		0576609	5585370
L083	soil	red brown	25 B		0576569	5585400
L084	soil	red brown	30 B		0576525	5585426
L085	soil	red brown	30 B		0576469	5585361
L086	soil	red brown	35 B		0576422	5585331
L087	soil	red	30 B		0576406	5585281
L088	soil	brown	20 B		0576354	5585255
L089	soil	brown	20 B	at base of large stump	0576318	5585225
L090	soil	red	30 B	10m from road intersection	0576303	5585176
L091	soil	yellow red	15 B	sandy	0576278	5585135
L092	soil	gray brown	25 B	clay	0576241	5585104
L093	soil	bright red	20 B		0576196	5585058
L094	soil	red brown	20 B	at base of large stump	0576182	5585010
L095	soil	brown	25 B	sluffed material	0576154	5584962
L096	soil	red	25 B		0576116	5584931
L097	soil	red	10 B	sluffed material	0576082	5584906
L098	soil	red	200 B	in road cut	0576047	5584868

L099	soil	light brown	20 B		0576015	5584815
L100	soil	red	20 B		0575972	5584773
L101	soil	red	25 B	sluffed material	0575946	5584743
L102	soil	red	25 B		0575917	5584700
L103	soil	red	25 B	fine material	0575890	5584661
L104	soil	red	25 B	fine material	0575868	5584615
L105	soil	red brown	20 B	fine material	0575877	5584562
L106	soil	light brown	20 B	sluffed material	0575875	5584518
L107	soil	red brown	25 B	sluffed material	0575877	5584469
L108	soil	red brown	40 B	sluffed material, sandy	0575885	5584418
L109	soil	red	30 B	sluffed material, fine	0575879	5584358
L110	soil	light brown	30 B	sluffed material	0575853	5584313
L111	soil	red brown	10 B	sluffed material	0575818	5584260
L112	soil	red brown	10 B	sluffed material	0575791	5584217
L113	soil	brown	10 B	sluffed material	0575775	5584170
L114	soil	red brown	10 B	sluffed material	0575745	5584093
L115	soil	brown	30 B	clay, sandy	0575724	5584043
L116	soil	light brown	25 B	sandy	0575706	5583983
L117	soil	red	25 B	sandy	0575666	5583951
L118	soil	brown	25 B	sluffed material	0575618	5583946
L119	soil	red brown	10 B	sluffed material	0575586	5583957
L120	soil	light brown	20 B		0575540	5583981
L121	soil	red	15 B	sluffed material	0575481	5584003
L122	soil	red	20 B	fine	0575439	5583976
L123	rock			blue/purple, quartz filled, contains pyrite. Red rock of high den	0576000	5584779
L124	rock			crushed light green rock. Both L123 and L124	0575992	5584784
L125	soil	bright red	20 B		0576322	5585171
L126	soil	red brown	15 B		0576384	5585162
L127	soil	red brown	20 B	sandy	0576432	5585151
L128	soil	red brown	15 B	sandy	0576474	5585175
L129	soil	light brown	15 B	sandy	0576468	5585126
L130	rock			dark blue rock with pyrite located in ditch. Large Jasper vein is	0576860	5585645
L131	soil	red brown	25 B	in root system of sluffed tree. Soft green rock, possibly talc, e	0575383	5583976
L132	soil	light brown	25 B	sandy	0575341	5583982
L133	soil	red	25 B		0575289	5583963
L134	soil	gray	20 B	clay, close to outcrop	0575233	5583959
L135	soil	red gray	30 B	sandy	0576498	5585081
L136	soil	red brown	30 B	along road cut	0576504	5585028
L137	soil	red brown	30 B	sandy	0576505	5584981
L138	soil	red brown	30 B	sandy	0576498	5584935
L139	rock			dark green/blue with pyrite. Outcrop is 3m wide and exposed i	0576393	5585261
L140	soil	yellow brown	30 B		0576489	5585127
L141	soil	red brown	100 B	sandy	0576534	5585114
L142	soil	light brown	50 B	sandy	0576586	5585092
L143	soil	brown	30 B		0575186	5584045
L144	soil	brown	20 B		0575178	5584096
L145	soil	red brown	20 B		0575178	5584148
L146	rock			silica flooded breccia with pyrite	0575180	5584143
L147	soil	red	25 B		0575167	5584208
L148	soil	gray	20 B	clay like	0575121	5584220

L149	rock			gray, fine grained rock with pyrite	0575119	5584214
L150	rock			gray/green rock with quartz veins, pyrite and shiny purple/silv	0575090	5584232
L151	soil	brown	20 B	sluffed material	0575049	5584269
L152	soil	red brown	10 B	sluffed material	0575018	5584304
L153	soil	red brown	25 B	near pyrite bearing outcrop	0574960	5584316
L154	rock			green rock with pyrite and possible chalcopyrite	0574959	5584321
L155	soil	gray	25 B	from upturned stump	0574965	5584369
L156	soil	yellow	10 B		0575004	5584430
L157	rock			blue rock with pyrite, chalcopyrite and possible malachite	0576622	5585116
L158	soil	yellow brown	20 B	sluffed material	0576629	5585114
L159	rock			quartz veins with pyrite	0576665	5585122
L160	soil	yellow brown	15 B		0576715	5585100
L161	rock			contains pyrite, malachite	0576727	5585094
L162	soil	red	50 B		0576761	5585090
L163	soil	red	30 B		0576516	5585120
L164	soil	red	20 B	in roots of tree stump	0576557	5585105
L165	soil	yellow red	15 B		0576579	5585098
L166	soil	red	20 B	close to outcrop	0576596	5585107
L167	soil	red brown	25 B		0576654	5585116
L168	soil	red brown	20 B	close to outcrop	0576665	5585113
L169	soil	red	20 B	sluffed material	0576692	5585106
L170	soil	red	20 B		0576727	5585007
L171	soil	yellow	25 B		0576743	5585091
L172	soil	red	20 B		0576779	5585091
L173	soil	yellow brown	20 B		0576819	5585092
L174	soil	gray brown	25 B		0576525	5584880
L175	soil	light brown	20 B		0576515	5584829
L176	soil	light brown	20 B		0576526	5584777
L177	soil	gray brown	30 B		0576536	5584726
L178	soil	brown	20 B	close to outcrop	0576546	5584670
L179	soil	red	25 B		0576555	5584624
L180	soil	red brown	25 B		0576568	5584572
L181	rock			pink/grey	0576563	5584611
L182	soil	red	50 B		0576584	5584526
L183	rock			gray	0576594	5584507
L184	soil	yellow brown	30 B		0576603	5584472
L185	rock			green unoxidized	0576627	5584437
L186	soil	red	100 B	bottom of B layer	0576641	5584428
L187	rock				0576676	5584393
L188	soil	red	20 B	sluffed material	0576681	5584398
L189	rock			quartz with chlorite	0576704	5584393
L190	soil	red brown	10 B	sluffed material	0576727	5584384
L191	rock			copper and iron stained	0576727	5584385
L192	rock			green	0576752	5584376
L193	rock				0576769	5584379
L194	soil	red	10 B	sluffed material	0576772	5584380
L195	soil	yellow red	20 B		0576825	5584400
L196	soil	yellow	20 B		0576865	5584372
LP001	soil	brown	20 B		0579372	5577554

LP002	soil	red brown	20 B		0579323	5577543
LP003	soil	red brown	25 B		0579270	5577531
LP004	soil	red brown	25 B		0579231	5577486
LP005	soil	red	30 B		0579193	5577449
LP006	soil	red brown	20 B		0579149	5577423
LP007	soil	red	20 B		0579092	5577435
LP008	soil	brown	15 B	sluffed material	0579042	5577415
LP009	soil	red	15 B		0578996	5577419
LP010	soil	red brown	20 B		0578932	5577412
LP011	soil	red brown	20 B		0578888	5577363
LP012	soil	red brown	20 B		0578842	5577331
LP013	soil	red	40 B		0578792	5577312
LP014	soil	red brown	20 B	sluffed material	0578717	5577325
LP015	soil	brown	15 B		0578669	5577325
LP016	soil	red brown	15 B		0578638	5577289
LP017	soil	red brown	15 B		0578588	5577277
LP018	soil	gray brown	20 B	on outcrop	0578544	5577261
LP019	soil	brown	15 B		0578503	5577260
LP020	soil	red	15 B		0578456	5577260
LP021	soil	red	15 B		0578404	5577254
LP022	soil	brown	20 B		0578359	5577239
LP023	soil	red brown	20 B		0578298	5577212
LP024	soil	light brown	20 B		0578246	5577204
LP025	soil	red	5 B	sluffed, close to outcrop	0578200	5577162
LP026	soil	gray	30 B		0578161	5577128
LP027	soil	yellow red	20 B	at base of stump	0578113	5577114
LP028	soil	red brown	15 B		0578060	5577111
LP029	soil	light brown	15 B		0578016	5577082
LP030	soil	red	20 B		0577977	5577044
LP031	soil	light brown	15 B		0577953	5577004
LP032	soil	light brown	20 B		0577915	5576966
LP033	soil	red	25 B		0577869	5576941
LP034	soil	red brown	20 B		0577831	5576907
LP035	soil	red brown	20 B		0577804	5576857
G001	soil	red brown	20 B	at south side of bridge	0579631	5584710
G002	soil	light brown	20 B		0579590	5584628
G003	soil	light brown	15 B		0579546	5584544
G004	soil	red	20 B	sandy	0579559	5584445
G005	soil	light brown	20 B		0579585	5584352
G006	soil	brown	15 B	sluffed material, at base of outcrop	0579476	5584395
G007	soil	red	25 B	sandy	0579357	5584398
G008	soil	light brown	15 B		0579256	5584390
G009	soil	red	10 B		0579181	5584355
G010	soil	light brown	20 B		0579089	5584316
G011	soil	red	20 B		0579027	5584254
G012	soil	red brown	20 B	sluffed material, close to outcrop	0579124	5584291
G013	soil	red	25 B		0579229	5584280
G014	soil	red brown	20 B		0579327	5584233
G015	soil	light brown	20 B	close to outcrop	0579375	5584143

G016	soil	red brown	25 B		0579380	5584034
G017	soil	light brown	20 B		0579433	5583938
G018	soil	red	45 B	close to quartz outcrop	0579357	5583951
G019	soil	red	25 B	clay, at base of stump	0579303	5584042
G020	soil	red	20 B		0579192	5584068
G021	soil	light brown	20 B	sluffed material	0579126	5583982
G022	soil	red brown	20 B	at base of stump	0579100	5583887
G023	soil	light brown	20 B	sluffed material	0579057	5583806
G024	soil	light brown	15 B	sluffed material, sandy	0579051	5583697
G025	soil	red	50 B		0579015	5583608
G026	soil	red	20 B		0578958	5583523
G027	soil	red	20 B	looks very oxidized	0578850	5583491
G028	soil	red	15 B	in stump roots	0578752	5583475
G029	soil	red brown	15 B		0578688	5583366
G030	soil	yellow red	20 B		0578606	5583291
G031	soil	red	20 B	in stump roots	0578545	5583264
G032	soil	red	25 B		0578437	5583242
G033	soil	brown	15 B	sluffed material	0578329	5583255
G034	soil	red	25 B		0578219	5583246
G035	soil	red brown	15 B	sluffed material	0578083	5583221
G036	soil	red	25 B	fine material, appears very oxidized	0579714	5584643
G037	soil	red	25 B	fine material, appears very oxidized	0579776	5584565
G038	soil	red brown	15 B	close to bedrock	0579846	5584487
G039	soil	light brown	15 B		0579863	5584389
G040	soil	red	20 B		0579781	5584319
G041	soil	red	25 B	in stump roots	0579840	5584233
G042	soil	red brown	15 B		0579898	5584161
G043	soil	red	25 B		0579939	5584058
G044	soil	red	25 B		0579427	5584550
G045	soil	brown	15 B		0579325	5584562
G046	soil	red brown	15 B	at base of stump	0579216	5584546
G047	soil	red brown	10 B		0579142	5584497
G048	soil	yellow brown	10 B	at landing at end of road	0579138	5584440
G049	soil	brown	15 B		0578962	5584173
G050	soil	red yellow brow	15 B		0578898	5584081
G051	soil	red	25 B	at base of stump	0578854	5583994
G052	rock			Stream rocks containing epidote, quartz and metal sulfide crys	0578912	5584114
G053	soil	red brown	15 B		0579841	5584386
G054	soil	red	15 B		0579817	5584384
G055	soil	red	35 B		0579796	5584378
G056	soil	brown	20 B		0579781	5584355
G057	soil/rock	red brown	15 B	near outcrop. Rock sample given the same Sample # also take	0579798	5584303
G058	soil/rock	light brown	15 B	rock sample given the same Sample # also taken	0579817	5584278
G059	soil	red	15 B		0579831	5584252
G060	soil	red	30 B		0579861	5584198
G061	soil	light brown	25 B	near outcrop	0579880	5584183
G062	soil	light brown	20 B		0579884	5584166
G063	soil	light brown	30 B		0579896	5584135
G064	soil	light brown	20 B	sandy	0579900	5584110
G065	soil	light brown	20 B	sandy, near outcrop	0579911	5584097

G066	rock			rusty outcrop	0579911	5584095
G067	soil	light brown	15 B	sluffed material on outcrop	0579924	5584096
G068	soil	brown	15 B	sluffed material on outcrop	0579938	5584078
G069	soil/rock	red	15 B	rock sample given the same Sample # also taken	0579601	5584323
G070	rock				0579597	5584265
G071	soil	light brown	15 B	sandy	0579592	5584224
G072	soil/rock	yellow	15 B	rock sample given the same Sample # also taken	0579571	5584153
G073	rock				0579593	5584126
G074	soil/rock	light brown	15 B	rock sample given the same Sample # also taken	0579595	5584065
G075	soil	light brown	15 B	near outcrop	0579636	5583974
G076	soil	light brown	5 B	sandy, sluffed material from fault in outcrop	0579643	5583956
G077	soil	light brown	5 B	sandy, sluffed material from fault in outcrop	0579664	5583900
G078	soil	light brown	5 B	sandy, sluffed material	0579671	5583836
G079	soil	yellow red	30 B		0579716	5583856
G080	soil	yellow brown	30 B		0579753	5583822
G081	soil/rock	brown	15 B	rock sample given the same Sample # also taken	0579856	5583724
G082	soil	red	25 B		0579903	5583638
G083	soil/rock	light brown	20 B	rock sample given the same Sample # also taken	0579906	5583545
G084	rock				0579418	5583875
G085	soil	red brown	30 B		0579421	5583843
G086	rock				0579408	5583750
G087	rock				0579424	5583645
G088	soil	red brown	50 B		0579424	5583651
G089	soil	red brown	20 B		0579522	5583609
G090	rock				0579587	5583552
G091	soil	red brown	25 B		0579599	5583529
G092	rock				0579623	5583507
G093	soil	red brown	25 B		0579652	5583454
G094	soil	red brown	25 B		0579680	5583356
G095	soil	red brown	20 B		0579702	5583256
G096	soil	brown	25 B		0579678	5583163
G097	soil	red	25 B		0579603	5583082
G098	rock				0579604	5583082
G099	soil	red brown	25 B		0579536	5583024
G100	soil	red	30 B		0579482	5582980
G101	rock				0579481	5582987
G102	rock				0579425	5582948
G103	soil	red	30 B		0579390	5583651
G104	soil	red	20 B		0579451	5583572
G105	rock		B	gray with pyrite unoxidized, yellow oxidized	0579464	5583537
G106	soil	red brown	15 B		0579491	5583478
G107	rock			gray with pyrite unoxidized, yellow oxidized	0579504	5583464
G108	rock				0579505	5583419
G109	soil	light brown	20 B		0579510	5583377
G110	rock			light gray unoxidized, orange oxidized	0579507	5583289
G111	soil	red	20 B		0579504	5583271
G112	rock			white unoxidized, red/brown oxidized	0579497	5583225
G113	soil	yellow brown	20 B		0579478	5583172
G114	soil	red	30 B		0579467	5583151
G115	soil	red brown	30 B		0579444	5583139

G116	soil	red brown	30 B		0579416	5583127
G117	soil	yellow red	40 B		0579393	5583110
G118	soil	yellow brown	40 B		0579377	5583090
G119	rock			gray rock with thick quartz veins	0579343	5583092
G120	soil	yellow	50 B		0579332	5583090
G121	rock			light green unoxidized, dark red oxidized	0579320	5583082
G122	soil	light brown	50 B		0579307	5583075
G123	rock			light green matrix with dark green crystals unoxidized, dark re	0579299	5583076
G124	soil	yellow	30 B		0579285	5583056
G125	soil	yellow	20 B		0579265	5583051
G126	rock			gray unoxidized, gray/pink oxidized	0579266	5583049
G127	soil	yellow brown	50 B		0579236	5583043
G128	rock			gray unoxidized, orange/red oxidized	0579239	5583040
G129	soil	light brown	30 B		0579218	5583032
G130	soil	red brown	30 B		0579184	5583025
G131	rock			sparkly gray unoxidized, gray oxidized	0579190	5583029
G132	soil	red	40 B		0579172	5584055
G133	soil	red brown	50 B		0579164	5584039
G134	soil	red	50 B		0579151	5584017
G135	soil	red	20 B		0579136	5583996
G136	rock			gray unoxidized, red/tan/light brown oxidized	0579131	5583984
G137	soil	red	25 B		0579120	5583959
G138	soil	red	15 B	close to outcrop	0579115	5583933
G139	rock			purple/red/brown oxidized	0579112	5583932
G140	soil	bright red	25 B		0579108	5583908
G141	rock			yellow/red/black oxidized	0579115	5583874
G142	soil	red	10 B	sluffed material	0579088	5583856
G143	soil	yellow	10 B	sample along fracture at contact zone	0579091	5583829
G144	soil	bright red	25 B		0579068	5583821
G145	rock			red/purple oxidized	0579063	5583802
G146	soil	red	25 B	at base of stump	0579058	5583785
G147	soil	red	20 B		0579068	5583753
G148	rock			dark blue unoxidized, red/purple oxidized	0579069	5583763
G149	soil	red	30 B		0579078	5583725
G150	soil	light brown	25 B		0579054	5583719
G151	rock			float likely from above road. gray with pyrite unoxidized	0579057	5583710
G152	rock			quartz taken in slide area. Much more quartz slide debris belov	0579033	5583716
G153	silt	bright red		sampled where water emerges from slide area below road. Fla	0579035	5583719
G154	soil	yellow brown	20 B		0579049	5583671
G155	soil	red	30 B		0579050	5583633
G156	soil	yellow brown	20 B		0579023	5583632
G157	soil	red brown	45 B		0579003	5583582
G158	soil	yellow brown	25 B		0578992	5583547
G159	soil	yellow red	25 B		0578977	5583492
G160	soil	red	100 B		0579003	5583491
G161	rock				0579018	5583505
G162	soil	yellow red	30 B		0579044	5583512
G163	rock			yellow/purple oxidized	0579044	5583522
G164	rock			blue/gray unoxidized, yellow/red/purple oxidized	0579083	5583535
G165	soil	red	15 B		0579089	5583533

G166	rock			blue/gray unoxidized, yellow/red/purple oxidized	0579097	5583537
G167	soil	yellow red	25 B	sandy	0579114	5583526
G168	soil	yellow red	15 B	sandy	0579131	5583510
G169	soil	yellow red	15 B	sandy	0579142	5583485
G170	soil	yellow red	25 B		0579146	5583461
G171	soil	red	25 B		0579141	5583431
G172	soil	red	30 B		0579132	5583406
G173	soil	light brown	15 B		0579153	5583368
G174	soil	orange red	20 B		0579155	5583333
G175	soil	red brown	30 B		0579147	5583287
G176	rock				0579185	5583269
G177	soil	yellow brown	20 B		0579192	5583256
G178	soil	light brown	20 B		0579211	5583233
G179	soil	yellow red brow	30 B		0579214	5583201
G180	soil	red brown	20 B		0579204	5583184
G181	soil	yellow red	20 B		0579180	5583168
G182	soil	red brown	20 B		0579156	5583148
G183	soil	red	30 B		0579135	5583131
G184	soil	red	20 B		0579100	5583123
G185	soil	red brown	15 B	at base of stump	0579077	5583107
G186	soil	yellow brown	15 B		0579054	5583094
G187	soil	yellow brown	30 B		0579029	5583076
G188	soil	red	45 B		0579008	5583064
G189	soil	red	30 B		0578993	5583049
P001	soil	dark brown	20 B	some organic, near hill crest, cedar/salal vegetation	0579358	5584931
P002	soil	light brown	20 B	some pebbles, near stream, cedar/salal vegetation	0579299	5584858
P003	soil	red brown	25 B	clay-like, near creek	0579220	5584788
P004	soil	brown	20 B	some pebbles, salal/hemlock vegetation	0579175	5584703
P005	soil	yellow brown	30 B	some organic, salal/cedar/hemlock vegetation	0579107	5584627
P006	soil	brown	45 B	salal/alder/hemlock vegetation	0579048	5584552
GC001	soil	red	20 B		0576366	5585984
GC002	soil, rock	gray	10 B	rock sample given the same Sample # also taken	0576339	5585941
GC003	soil	brown	20 B		0576322	5585891
GC004	soil, rock	red	20 B	rock sample given the same Sample # also taken	0576276	5585874
GC005	soil, rock	dark brown	8 B	rock sample given the same Sample # also taken	0576226	5585852
GC006	rock			rock, 2cm thick quartz vein with pyrite	0576217	5585847
GC007	soil, rock	red brown	5 B	rock sample given the same Sample # also taken. Soil taken n	0576192	5585818
GC008	soil	bright red	25 B		0576156	5585785
GC009	soil, rock	yellow brown	25 B	rock sample given the same Sample # also taken	0576112	5585751
GC010	soil	dark brown	15 B	near outcrop	0576070	5585728
GC011	soil	red brown	15 B		0576026	5585700
GC012	soil	red	30 B		0575976	5585689
GC013	soil, rock	bright red	25 B	rock sample given the same Sample # also taken	0575925	5585665
GC014	soil, rock	red brown	25 B	rock sample given the same Sample # also taken	0575891	5585628
GC015	soil	brown	15 B		0575867	5585574
GC016	soil	brown	20 B		0575821	5585545
GC017	soil	red	15 B	sluffed material	0575772	5585512
GC018	soil	red	40 B		0575725	5585457

GC019	soil	gray	20 B		0575676	5585447
GC020	soil	red	20 B		0575646	5585434
GC021	soil	red	25 B		0575599	5585417
GC022	soil	red brown	15 B	sandy	0575545	5585411
GC023	soil, rock	red	150 B	rock sample given the same Sample # also taken	0575492	5585392
GC024	soil	red	30 B		0575455	5585371
GC025	soil	red	50 B		0575409	5585359
GC026	soil	red brown	30 B		0575374	5585370
GC027	soil	red brown	40 B		0575320	5585317
GC028	soil	red	50 B		0575268	5585286
GC029	soil	brown	50 B		0575226	5585256
GC030	soil	red	30 B	sandy	0575185	5585225
GC031	soil	gray	10 B	sand above bedrock	0575133	5585175
GC032	rock			rock, quartz/epidote	0575154	5585178
GC033	soil	brown	20 B		0575157	5585129
GC034	soil	red brown	20 B		0575138	5585086
GC035	soil	gray	15 B	sluffed material	0575107	5585026
GC036	soil	brown	20 B	beside glacial till filled area	0575059	5584915
GC037	soil	brown	25 B		0575046	5585877
GC038	soil	light brown	15 B	sluffed material	0575003	5584807
GC039	soil	gray	15 B	sluffed material, appears to be glacial till	0574925	5584851
GC040	soil	gray	15 B	sluffed material	0574880	5584847
GC041	soil	red	20 B		0574839	5584816
GC042	soil	brown	20 B		0574793	5584788
GC043	soil	brown	15 B		0574764	5584745
GC044	soil	dark brown	20 B		0574737	5584704
GC045	soil	light brown	30 B		0574712	5584658

APPENDIX IV

ASSAY RESULTS

JANUARY 2010

Inspectorate IPL
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Certificate#: 09L3786
Client: Homegold Resources
Project: Le Mare
Shipment#:
PO#:
No. of Samples: 272
Analysis #1: Au(FA/AAS) Ag
Analysis #2: ICP(AqR)30
Analysis #3:
Comment #1:
Comment #2:
Date In: Dec 23, 2009
Date Out: Jan 12, 2010

Sample Name	SampleType	Wt Kg	Au ppb	Au g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm
51580	Rock	1.1	7	--	<0.1	27	5	108	<5	<2	<3	<1	<10	15	<0.5	17
51581 Grey	Rock	1.3	10	--	0.8	3203	16	67	<5	10	4	<1	<10	<2	<0.5	3
51581A Dark Brown	Rock	3.8	45	--	0.2	1042	<2	267	5	<2	<3	<1	<10	30	<0.5	16
51582	Rock	3.2	61	--	<0.1	150	<2	254	11	<2	<3	<1	<10	32	<0.5	19
51583	Rock	1.5	16	--	<0.1	645	6	166	21	<2	<3	<1	<10	28	<0.5	17
51584	Rock	1.0	<2	--	<0.1	440	3	161	<5	<2	<3	<1	<10	24	<0.5	16
51585	Rock	1.6	2077	1.97	9.0	23400	105	244	1522	1836	237	33	<10	<2	21.2	7
51586	Rock	3.3	29	--	<0.1	166	<2	190	<5	<2	<3	<1	<10	34	<0.5	30
51587	Rock	2.3	8	--	<0.1	167	<2	152	<5	<2	<3	1	<10	36	<0.5	28
51588	Rock	1.5	26	--	4.2	9553	64	213	324	290	51	39	<10	12	<0.5	9
51589	Rock	1.3	21	--	2.1	1263	8	206	355	308	72	7	<10	10	<0.5	10
51590	Rock	2.5	15	--	0.4	3234	7	168	<5	<2	<3	<1	<10	38	<0.5	20
51591	Rock	2.3	12	--	0.7	5730	6	148	<5	<2	<3	<1	<10	29	<0.5	20
51592	Rock	1.8	4	--	<0.1	854	<2	212	<5	<2	<3	<1	<10	40	<0.5	22
CH001	Rock	15.1	9	--	<0.1	121	<2	11	<5	<2	<3	1	<10	<2	<0.5	<1
CH002	Rock	7.4	14	--	0.3	1524	6	255	<5	<2	<3	<1	<10	32	<0.5	27
CH003	Rock	7.5	65	--	0.5	1480	<2	233	<5	<2	<3	2	<10	31	<0.5	15
CH004	Rock	3.3	9	--	<0.1	22	<2	6	<5	<2	<3	<1	<10	<2	<0.5	<1
CH005	Rock	10.2	12	--	<0.1	21	9	41	<5	<2	<3	1	<10	<2	<0.5	4
CH006	Rock	3.9	5	--	<0.1	14	<2	4	<5	<2	<3	2	<10	<2	<0.5	<1
Bornite Road 233A	Rock	4.8	57	--	3.5	22300	28	95	<5	<2	<3	<1	<10	<2	<0.5	18
G-123	Rock	2.9	14	--	0.4	108	20	195	<5	<2	<3	3	<10	42	<0.5	18
SA-004	Rock	9.5	16	--	1.3	982	164	107	7	<2	<3	<1	<10	6	<0.5	7
No Name	Rock	2.1	6	--	<0.1	53	13	158	<5	<2	<3	1	<10	12	<0.5	4
G 105	Rock	0.3	8	--	0.6	40	11	12	<5	<2	<3	3	<10	20	<0.5	<1
G 107	Rock	0.2	7	--	<0.1	4	4	9	<5	<2	<3	<1	<10	10	<0.5	<1
G 108	Rock	0.1	6	--	<0.1	5	5	7	<5	<2	<3	2	<10	11	<0.5	<1
G 110	Rock	0.1	8	--	<0.1	6	<2	12	8	<2	<3	2	<10	4	<0.5	<1
G 112	Rock	0.1	6	--	<0.1	9	5	8	<5	<2	<3	<1	<10	3	<0.5	<1
G 119	Rock	0.4	4	--	<0.1	12	8	22	<5	3	<3	6	<10	<2	<0.5	<1
G 121	Rock	0.1	16	--	0.5	87	31	189	<5	<2	<3	<1	<10	45	<0.5	16
G 126	Rock	0.2	5	--	<0.1	95	4	70	<5	<2	<3	3	<10	5	<0.5	5
G 128	Rock	0.2	10	--	<0.1	7	7	76	<5	<2	<3	<1	<10	19	<0.5	14
G 131	Rock	0.2	7	--	<0.1	27	12	58	<5	<2	<3	2	<10	46	<0.5	4
G 136	Rock	0.3	4	--	<0.1	11	<2	373	7	<2	<3	<1	<10	<2	<0.5	33

G 139	Rock	0.2	5	--	<0.1	17	5	32	<5	<2	<3	<1	<10	11	<0.5	2
G 141	Rock	0.2	3	--	<0.1	10	2	30	6	<2	<3	2	<10	8	<0.5	3
G 145	Rock	0.3	4	--	<0.1	5	8	36	<5	<2	<3	<1	<10	6	<0.5	3
G 148	Rock	0.8	7	--	<0.1	12	11	41	<5	<2	<3	3	<10	8	<0.5	3
G 151	Rock	0.4	<2	--	<0.1	12	4	9	31	<2	<3	<1	<10	15	<0.5	8
G 053	Soil	--	14	--	<0.1	19	<2	34	9	<2	<3	<1	<10	9	<0.5	11
G 054	Soil	--	31	--	<0.1	47	<2	27	9	<2	<3	<1	<10	17	<0.5	10
G 055	Soil	--	18	--	<0.1	56	<2	45	9	<2	<3	<1	<10	11	<0.5	14
G 056	Soil	--	45	--	<0.1	29	4	49	<5	<2	<3	<1	<10	<2	<0.5	24
G 057	Soil	--	27	--	0.6	36	11	31	24	<2	<3	5	<10	25	<0.5	9
G 058	Soil	--	28	--	<0.1	129	4	79	15	<2	<3	<1	<10	15	<0.5	41
G 059	Soil	--	32	--	<0.1	26	<2	34	<5	<2	<3	4	<10	23	<0.5	13
G 060	Soil	--	23	--	<0.1	31	<2	38	6	<2	<3	2	<10	23	<0.5	4
G 061	Soil	--	19	--	<0.1	59	2	60	<5	<2	<3	1	<10	12	<0.5	18
G 062	Soil	--	19	--	<0.1	16	<2	20	<5	<2	<3	2	<10	13	<0.5	2
G 063	Soil	--	37	--	<0.1	41	<2	56	<5	<2	<3	3	<10	11	<0.5	16
G 064	Soil	--	22	--	<0.1	52	2	42	<5	<2	<3	2	<10	15	<0.5	11
G 065	Soil	--	15	--	<0.1	72	<2	30	7	<2	<3	3	<10	16	<0.5	12
G 067	Soil	--	25	--	<0.1	99	6	15	7	<2	<3	2	<10	3	<0.5	14
G 068	Soil	--	37	--	<0.1	280	<2	67	<5	<2	<3	<1	<10	23	<0.5	53
G 069	Soil	--	30	--	<0.1	56	<2	47	<5	<2	<3	2	<10	16	<0.5	25
G 071	Soil	--	27	--	<0.1	16	4	41	<5	<2	<3	3	<10	16	<0.5	18
G 072	Soil	--	20	--	<0.1	28	5	76	11	<2	<3	6	<10	48	<0.5	25
G 074	Soil	--	28	--	<0.1	16	4	18	15	<2	<3	6	<10	20	<0.5	7
G 075	Soil	--	14	--	<0.1	52	10	27	29	<2	<3	11	<10	21	<0.5	2
G 076	Soil	--	44	--	<0.1	23	<2	4	<5	<2	<3	5	<10	4	<0.5	<1
G 077	Soil	--	36	--	<0.1	57	3	7	<5	<2	<3	6	<10	10	<0.5	<1
G 078	Soil	--	8	--	<0.1	69	<2	47	13	<2	<3	4	<10	12	<0.5	12
G 079	Soil	--	7	--	<0.1	28	<2	25	8	<2	<3	2	<10	21	<0.5	2
G 080	Soil	--	10	--	<0.1	38	<2	32	9	<2	<3	3	<10	30	<0.5	25
G 081	Soil	--	20	--	<0.1	10	6	19	12	<2	<3	8	<10	33	<0.5	3
G 082	Soil	--	14	--	<0.1	17	<2	23	<5	<2	<3	1	<10	24	<0.5	2
G 083	Soil	--	18	--	<0.1	3	3	6	<5	<2	<3	1	<10	9	<0.5	<1
G 085	Soil	--	15	--	<0.1	39	<2	24	<5	<2	<3	<1	<10	15	<0.5	5
G 088	Soil	--	14	--	<0.1	49	<2	42	6	<2	<3	2	<10	18	<0.5	6
G 089	Soil	--	14	--	<0.1	39	<2	45	5	<2	<3	1	<10	12	<0.5	9
G 091	Soil	--	29	--	<0.1	27	<2	22	<5	<2	<3	1	<10	16	<0.5	2
G 093	Soil	--	15	--	<0.1	40	<2	34	<5	<2	<3	2	<10	16	<0.5	3
G 094	Soil	--	20	--	<0.1	15	<2	14	<5	<2	<3	1	<10	12	<0.5	1
G 095	Soil	--	10	--	<0.1	7	<2	12	<5	<2	<3	2	<10	12	<0.5	<1
G 096	Soil	--	20	--	<0.1	12	<2	21	<5	<2	<3	3	<10	9	<0.5	2
G 097	Soil	--	11	--	<0.1	85	7	303	23	<2	<3	8	<10	30	<0.5	14
G 099	Soil	--	19	--	0.2	64	<2	51	<5	<2	<3	1	<10	27	<0.5	6
G 100	Soil	--	12	--	<0.1	65	<2	40	<5	<2	<3	2	<10	20	<0.5	5
G 103	Soil	--	11	--	<0.1	45	<2	29	<5	<2	<3	1	<10	21	<0.5	3
G 104	Soil	--	11	--	<0.1	35	<2	24	<5	<2	<3	2	<10	19	<0.5	2
G 106	Soil	--	14	--	<0.1	23	<2	19	<5	<2	<3	2	<10	17	<0.5	1
G 109	Soil	--	10	--	<0.1	24	<2	17	<5	<2	<3	2	<10	15	<0.5	1
G 111	Soil	--	11	--	<0.1	16	<2	17	<5	<2	<3	12	<10	14	<0.5	1
G 113	Soil	--	16	--	<0.1	29	<2	21	<5	<2	<3	3	<10	15	<0.5	1
G 114	Soil	--	14	--	<0.1	34	<2	25	<5	<2	<3	3	<10	15	<0.5	2
G 115	Soil	--	10	--	<0.1	16	2	16	<5	<2	<3	3	<10	14	<0.5	2
G 116	Soil	--	14	--	<0.1	20	<2	26	<5	<2	<3	2	<10	19	<0.5	3
G 117	Soil	--	14	--	<0.1	47	<2	60	<5	<2	<3	2	<10	29	<0.5	6
G 118	Soil	--	10	--	<0.1	23	<2	36	<5	<2	<3	3	<10	18	<0.5	3
G 120	Soil	--	22	--	<0.1	118	6	78	14	<2	<3	2	<10	21	<0.5	18
G 122	Soil	--	12	--	<0.1	52	<2	77	7	<2	<3	2	<10	17	<0.5	4
G 124	Soil	--	16	--	<0.1	38	<2	34	17	<2	<3	<1	<10	24	<0.5	11

G 125	Soil	--	15	--	<0.1	50	<2	62	<5	<2	<3	<1	<10	21	<0.5	5
G 127	Soil	--	5	--	<0.1	222	<2	227	19	21	<3	<1	<10	33	<0.5	11
G 129	Soil	--	14	--	<0.1	26	<2	86	<5	<2	<3	<1	<10	15	<0.5	10
G 130	Soil	--	20	--	<0.1	69	<2	63	<5	<2	<3	<1	<10	15	<0.5	6
G 132	Soil	--	<2	--	<0.1	33	<2	41	<5	<2	<3	<1	<10	11	<0.5	11
G 133	Soil	--	8	--	<0.1	55	4	63	6	<2	<3	<1	<10	12	<0.5	15
G 134	Soil	--	16	--	<0.1	28	<2	31	<5	<2	<3	<1	<10	17	<0.5	6
G 135	Soil	--	14	--	<0.1	58	<2	50	<5	<2	<3	<1	<10	12	<0.5	10
G 137	Soil	--	19	--	<0.1	81	<2	47	8	<2	<3	1	<10	22	<0.5	11
G 138	Soil	--	3	--	<0.1	71	<2	33	23	<2	<3	1	<10	19	<0.5	20
G 140	Soil	--	37	--	<0.1	135	<2	52	7	<2	<3	<1	<10	17	<0.5	9
G 142	Soil	--	10	--	<0.1	115	<2	40	7	<2	<3	<1	<10	16	<0.5	8
G 143	Soil	--	19	--	<0.1	182	2	72	9	<2	<3	<1	<10	14	<0.5	20
G 144	Soil	--	12	--	<0.1	53	<2	36	<5	<2	<3	<1	<10	15	<0.5	5
G 146	Soil	--	5	--	<0.1	73	<2	34	<5	<2	<3	<1	<10	13	<0.5	4
G 147	Soil	--	30	--	<0.1	48	<2	28	<5	<2	<3	<1	<10	21	<0.5	8
G 149	Soil	--	24	--	<0.1	93	<2	40	<5	<2	<3	<1	<10	18	<0.5	5
G 150	Soil	--	15	--	<0.1	68	<2	37	<5	<2	<3	1	<10	18	<0.5	7
G 153	Soil	--	12	--	<0.1	58	<2	54	9	<2	<3	<1	<10	44	<0.5	25
G 154	Soil	--	10	--	<0.1	46	<2	32	<5	<2	<3	1	<10	18	<0.5	7
G 155	Soil	--	14	--	<0.1	59	<2	45	10	<2	<3	2	<10	18	<0.5	15
G 156	Soil	--	14	--	<0.1	61	<2	34	<5	<2	<3	1	<10	16	<0.5	4
G 157	Soil	--	29	--	<0.1	45	<2	28	<5	<2	<3	1	<10	15	<0.5	3
G 158	Soil	--	29	--	<0.1	72	<2	70	11	<2	<3	1	<10	12	<0.5	21
G 159	Soil	--	12	--	<0.1	50	<2	40	6	<2	<3	2	<10	9	<0.5	4
G 160	Soil	--	22	--	<0.1	84	<2	59	8	<2	<3	1	<10	15	<0.5	9
G 162	Soil	--	15	--	<0.1	80	<2	49	<5	<2	<3	1	<10	20	<0.5	6
G 165	Soil	--	12	--	<0.1	30	<2	19	<5	<2	<3	<1	<10	14	<0.5	6
G 167	Soil	--	20	--	<0.1	39	<2	28	<5	<2	<3	<1	<10	23	<0.5	8
G 168	Soil	--	22	--	<0.1	119	<2	52	<5	<2	<3	<1	<10	18	<0.5	9
G 169	Soil	--	14	--	<0.1	63	<2	52	<5	<2	<3	<1	<10	17	<0.5	6
G 170	Soil	--	33	--	<0.1	46	<2	43	<5	<2	<3	<1	<10	18	<0.5	5
G 171	Soil	--	18	--	<0.1	72	<2	59	<5	<2	<3	<1	<10	11	<0.5	10
G 172	Soil	--	18	--	<0.1	184	<2	173	<5	<2	<3	<1	<10	12	<0.5	25
G 173	Soil	--	33	--	<0.1	26	3	35	<5	<2	<3	<1	<10	7	<0.5	5
G 174	Soil	--	18	--	<0.1	40	<2	41	<5	<2	<3	<1	<10	14	<0.5	8
G 175	Soil	--	20	--	<0.1	57	<2	57	<5	<2	<3	<1	<10	14	<0.5	24
G 177	Soil	--	20	--	<0.1	41	<2	52	<5	<2	<3	<1	<10	21	<0.5	11
G 178	Soil	--	25	--	<0.1	63	<2	66	<5	<2	<3	<1	<10	23	<0.5	7
G 179	Soil	--	20	--	<0.1	51	<2	59	<5	<2	<3	<1	<10	15	<0.5	12
G 180	Soil	--	38	--	<0.1	31	<2	39	<5	<2	<3	<1	<10	14	<0.5	5
G 181	Soil	--	19	--	<0.1	38	<2	50	<5	<2	<3	<1	<10	13	<0.5	7
G 182	Soil	--	23	--	<0.1	43	<2	49	<5	<2	<3	<1	<10	7	<0.5	7
G 183	Soil	--	44	--	<0.1	35	<2	61	<5	<2	<3	<1	<10	20	<0.5	7
G 184	Soil	--	16	--	<0.1	38	8	53	<5	<2	<3	<1	<10	20	<0.5	6
G 185	Soil	--	7	--	<0.1	26	4	41	<5	<2	<3	<1	<10	11	<0.5	6
G 186	Soil	--	8	--	<0.1	65	<2	91	<5	<2	<3	<1	<10	17	<0.5	10
G 187	Soil	--	<2	--	<0.1	109	<2	153	<5	<2	<3	<1	<10	15	<0.5	15
G 188	Soil	--	18	--	<0.1	93	<2	105	<5	<2	<3	<1	<10	16	<0.5	11
G 189	Soil	--	8	--	<0.1	178	<2	198	<5	<2	<3	<1	<10	17	<0.5	26
GC 001	Soil	--	84	--	<0.1	130	<2	73	<5	<2	<3	<1	<10	26	<0.5	10
GC 002	Soil	--	8	--	<0.1	975	3	209	6	<2	<3	<1	<10	11	<0.5	23
GC 003	Soil	--	32	--	<0.1	81	3	87	<5	<2	<3	<1	<10	25	<0.5	58
GC 004	Soil	--	5	--	<0.1	67	<2	116	8	<2	<3	<1	<10	13	<0.5	22
GC 005	Soil	--	4	--	<0.1	131	7	361	18	<2	<3	<1	<10	23	<0.5	19
GC 007	Soil	--	11	--	<0.1	144	9	111	<5	<2	<3	<1	<10	23	<0.5	27
GC 008	Soil	--	12	--	<0.1	73	<2	102	7	<2	<3	2	<10	22	<0.5	15
GC 009	Soil	--	22	--	<0.1	132	13	360	<5	<2	<3	<1	<10	20	<0.5	24

GC 010	Soil	--	<2	--	0.1	811	4	167	23	<2	<3	<1	<10	19	<0.5	35
GC 011	Soil	--	11	--	<0.1	54	<2	221	16	<2	<3	<1	<10	19	<0.5	33
GC 012	Soil	--	12	--	<0.1	20	<2	187	9	<2	<3	<1	<10	22	<0.5	18
GC 013	Soil	--	54	--	<0.1	37	<2	130	7	<2	<3	<1	<10	20	<0.5	76
GC 014	Soil	--	72	--	0.1	167	94	359	16	<2	<3	1	<10	16	<0.5	28
GC 015	Soil	--	16	--	0.1	71	7	211	25	<2	<3	<1	<10	14	<0.5	27
GC 016	Soil	--	10	--	<0.1	60	5	174	14	<2	<3	<1	<10	22	<0.5	25
GC 017	Soil	--	8	--	<0.1	67	3	256	32	<2	<3	<1	<10	19	<0.5	32
GC 018	Soil	--	24	--	0.3	55	10	152	5	<2	<3	<1	<10	5	<0.5	50
GC 019	Soil	--	10	--	<0.1	176	4	372	11	<2	<3	<1	<10	5	<0.5	33
GC 020	Soil	--	18	--	<0.1	80	4	242	16	<2	<3	<1	<10	10	<0.5	45
GC 021	Soil	--	7	--	0.5	195	7	279	14	<2	<3	<1	<10	14	<0.5	31
GC 022	Soil	--	14	--	<0.1	53	3	223	14	<2	<3	<1	<10	14	<0.5	27
GC 023	Soil	--	34	--	<0.1	30	<2	163	45	<2	<3	<1	<10	18	<0.5	24
GC 024	Soil	--	<2	--	<0.1	38	6	110	8	<2	<3	1	<10	19	<0.5	26
GC 025	Soil	--	<2	--	0.4	47	8	112	7	<2	<3	<1	<10	15	<0.5	22
GC 026	Soil	--	7	--	<0.1	66	<2	70	15	<2	<3	<1	<10	25	<0.5	43
GC 027	Soil	--	95	--	<0.1	35	<2	39	16	<2	<3	<1	<10	11	<0.5	30
GC 028	Soil	--	<2	--	<0.1	48	<2	75	<5	<2	<3	<1	<10	8	<0.5	28
GC 029	Soil	--	60	--	0.5	633	4	99	26	<2	<3	2	<10	17	<0.5	20
GC 030	Soil	--	30	--	<0.1	26	<2	60	13	<2	<3	<1	<10	17	<0.5	13
GC 031	Soil	--	5	--	1.0	1081	<2	93	110	<2	19	<1	<10	5	<0.5	33
GC 033	Soil	--	37	--	<0.1	180	<2	98	23	<2	<3	<1	<10	14	<0.5	19
GC 034	Soil	--	10	--	<0.1	84	5	154	14	<2	<3	<1	<10	18	<0.5	29
GC 035	Soil	--	8	--	<0.1	91	7	220	12	<2	<3	<1	<10	3	<0.5	27
GC 036	Soil	--	<2	--	<0.1	70	9	167	10	<2	<3	<1	<10	4	<0.5	20
GC 037	Soil	--	5	--	<0.1	83	8	138	23	<2	<3	<1	<10	13	<0.5	33
GC 038	Soil	--	7	--	<0.1	52	3	151	11	<2	<3	<1	<10	12	<0.5	22
GC 039	Soil	--	8	--	<0.1	61	2	187	12	<2	<3	<1	<10	6	<0.5	23
GC 040	Soil	--	4	--	<0.1	78	6	177	17	<2	<3	<1	<10	10	<0.5	25
GC 040A	Soil	--	53	--	<0.1	79	5	177	23	<2	<3	<1	<10	9	<0.5	25
GC 041	Soil	--	<2	--	<0.1	13	<2	85	117	<2	<3	<1	<10	20	<0.5	11
GC 042	Soil	--	<2	--	<0.1	28	2	81	10	<2	<3	<1	<10	9	<0.5	18
GC 043	Soil	--	20	--	<0.1	26	3	82	14	<2	<3	<1	<10	9	<0.5	19
GC 044	Soil	--	16	--	<0.1	27	<2	59	71	<2	<3	<1	<10	11	<0.5	14
GC 045	Soil	--	91	--	<0.1	34	<2	69	85	<2	<3	<1	<10	16	<0.5	26
L 143	Soil	--	8	--	<0.1	45	<2	140	<5	<2	<3	<1	<10	7	<0.5	29
L 144	Soil	--	7	--	<0.1	38	3	92	6	<2	<3	<1	<10	14	<0.5	22
L 145	Soil	--	10	--	<0.1	39	3	107	7	<2	<3	<1	<10	14	<0.5	31
L 147	Soil	--	11	--	<0.1	35	2	102	11	<2	<3	<1	<10	17	<0.5	15
L 148	Soil	--	<2	--	<0.1	35	6	129	<5	<2	<3	<1	<10	8	<0.5	18
L 151	Soil	--	5	--	<0.1	29	<2	149	9	<2	<3	1	<10	8	<0.5	17
L 152	Soil	--	8	--	<0.1	9	13	298	329	<2	<3	3	<10	30	<0.5	22
L 153	Soil	--	<2	--	<0.1	22	<2	43	19	<2	<3	<1	<10	13	<0.5	6
L 155	Soil	--	<2	--	<0.1	4	<2	23	<5	<2	<3	<1	<10	7	<0.5	2
L 156	Soil	--	<2	--	<0.1	58	4	204	8	<2	<3	<1	<10	14	<0.5	28
L 158	Soil	--	72	--	<0.1	165	2	51	11	<2	<3	1	<10	23	<0.5	3
L 160	Soil	--	41	--	<0.1	101	<2	66	7	<2	<3	<1	<10	22	<0.5	9
L 160A	Soil	--	10	--	<0.1	98	<2	67	<5	<2	<3	<1	<10	23	<0.5	9
L 162	Soil	--	32	--	<0.1	104	<2	165	7	<2	<3	<1	<10	25	<0.5	57
L 163	Soil	--	5	--	<0.1	26	2	97	19	<2	<3	<1	<10	15	<0.5	7
L 164	Soil	--	22	--	<0.1	48	7	81	<5	<2	<3	<1	<10	13	<0.5	9
L 165	Soil	--	22	--	<0.1	78	<2	65	<5	<2	<3	<1	<10	9	<0.5	7
L 166	Soil	--	44	--	<0.1	48	3	43	21	<2	<3	<1	<10	23	<0.5	4
L 167	Soil	--	<2	--	<0.1	80	<2	77	<5	<2	<3	<1	<10	21	<0.5	11
L 168	Soil	--	52	--	<0.1	359	3	92	32	13	<3	2	<10	28	<0.5	14
L 169	Soil	--	31	--	<0.1	56	2	39	<5	<2	<3	<1	<10	25	<0.5	3
L 170	Soil	--	23	--	<0.1	71	<2	81	<5	<2	<3	<1	<10	25	<0.5	20

L 171	Soil	--	27	--	<0.1	347	47	808	136	<2	<3	2	<10	96	<0.5	28
L 172	Soil	--	8	--	<0.1	85	<2	133	<5	<2	<3	<1	<10	27	<0.5	25
L 173	Soil	--	16	--	<0.1	35	<2	46	<5	<2	<3	<1	<10	19	<0.5	3
L 174	Soil	--	20	--	<0.1	17	<2	50	6	<2	<3	<1	<10	9	<0.5	3
L 175	Soil	--	<2	--	<0.1	63	4	74	11	<2	<3	<1	<10	11	<0.5	3
L 176	Soil	--	<2	--	0.1	29	<2	50	6	<2	<3	1	<10	18	<0.5	3
L 177	Soil	--	23	--	0.2	58	2	56	<5	<2	<3	<1	<10	14	<0.5	5
L 178	Soil	--	14	--	<0.1	79	4	76	10	<2	<3	<1	<10	12	<0.5	9
L 179	Soil	--	5	--	<0.1	39	3	84	11	<2	<3	<1	<10	22	<0.5	7
L 180	Soil	--	<2	--	<0.1	29	3	77	7	<2	<3	<1	<10	14	<0.5	10
L 180A	Soil	--	<2	--	<0.1	29	3	77	7	<2	<3	<1	<10	15	<0.5	10
L 182	Soil	--	18	--	<0.1	39	<2	139	8	<2	<3	<1	<10	16	<0.5	14
L 184	Soil	--	11	--	<0.1	22	5	66	6	<2	<3	<1	<10	17	<0.5	6
L 186	Soil	--	8	--	<0.1	84	2	90	5	<2	<3	<1	<10	10	<0.5	19
L 188	Soil	--	8	--	<0.1	73	<2	92	12	<2	<3	<1	<10	12	<0.5	26
L 190	Soil	--	7	--	<0.1	44	<2	110	9	<2	<3	<1	<10	16	<0.5	18
L 191	Soil	--	53	--	35.9	333	39	37	11	<2	<3	<1	<10	4	<0.5	7
L 194	Soil	--	20	--	<0.1	28	<2	113	7	<2	<3	<1	<10	13	<0.5	15
L 195	Soil	--	5	--	<0.1	16	4	127	6	<2	<3	<1	<10	18	<0.5	24
L 196	Soil	--	36	--	<0.1	24	9	54	8	<2	<3	<1	<10	16	<0.5	6
LP 001	Soil	--	10	--	<0.1	40	<2	73	<5	<2	<3	<1	<10	<2	<0.5	35
LP 002	Soil	--	84	--	<0.1	39	<2	61	<5	<2	<3	<1	<10	<2	<0.5	28
LP 003	Soil	--	56	--	<0.1	27	<2	45	<5	<2	<3	<1	<10	<2	<0.5	21
LP 004	Soil	--	83	--	<0.1	38	<2	102	<5	<2	<3	<1	<10	10	<0.5	58
LP 005	Soil	--	68	--	<0.1	37	<2	79	<5	<2	<3	<1	<10	<2	<0.5	45
LP 006	Soil	--	41	--	<0.1	18	3	42	<5	<2	<3	<1	<10	<2	<0.5	15
LP 007	Soil	--	29	--	<0.1	51	<2	48	<5	<2	<3	<1	<10	<2	<0.5	30
LP 008	Soil	--	45	--	<0.1	50	<2	64	<5	<2	<3	3	<10	<2	<0.5	27
LP 009	Soil	--	29	--	<0.1	50	<2	57	<5	<2	<3	<1	<10	4	<0.5	19
LP 010	Soil	--	20	--	<0.1	41	<2	62	<5	<2	<3	<1	<10	7	<0.5	22
LP 011	Soil	--	108	--	<0.1	37	<2	56	<5	<2	<3	<1	<10	13	<0.5	20
LP 012	Soil	--	71	--	<0.1	23	2	46	<5	<2	<3	<1	<10	<2	<0.5	35
LP 013	Soil	--	34	--	<0.1	41	<2	70	<5	<2	<3	<1	<10	20	<0.5	21
LP 014	Soil	--	<2	--	<0.1	53	<2	73	<5	<2	<3	<1	<10	11	<0.5	24
LP 015	Soil	--	79	--	<0.1	38	<2	111	11	<2	<3	2	<10	10	<0.5	25
LP 016	Soil	--	56	--	<0.1	31	<2	72	8	<2	<3	2	<10	7	<0.5	18
LP 017	Soil	--	20	--	<0.1	36	<2	123	16	<2	<3	2	<10	10	<0.5	27
LP 018	Soil	--	20	--	<0.1	37	<2	91	6	<2	<3	1	<10	7	<0.5	23
LP 019	Soil	--	30	--	<0.1	140	3	146	11	<2	<3	<1	<10	10	<0.5	32
LP 020	Soil	--	26	--	<0.1	50	<2	97	29	<2	<3	1	<10	12	<0.5	35
LP 020A	Soil	--	57	--	<0.1	52	<2	100	26	<2	<3	1	<10	11	<0.5	37
LP 021	Soil	--	5	--	<0.1	49	<2	77	12	<2	<3	1	<10	15	<0.5	23
LP 022	Soil	--	16	--	<0.1	27	<2	91	<5	<2	<3	<1	<10	8	<0.5	28
LP 023	Soil	--	29	--	<0.1	69	18	178	14	<2	<3	4	<10	12	<0.5	30
LP 024	Soil	--	8	--	<0.1	44	<2	120	10	<2	<3	2	<10	11	<0.5	31
LP 025	Soil	--	16	--	<0.1	25	38	88	42	<2	<3	5	<10	44	<0.5	12
LP 026	Soil	--	11	--	<0.1	35	<2	114	<5	<2	<3	<1	<10	7	<0.5	25
LP 027	Soil	--	61	--	<0.1	28	<2	85	5	<2	<3	1	<10	9	<0.5	20
LP 028	Soil	--	<2	--	<0.1	23	<2	76	<5	<2	<3	<1	<10	8	<0.5	27
LP 029	Soil	--	10	--	<0.1	58	9	238	38	<2	<3	1	<10	16	<0.5	27
LP 030	Soil	--	7	--	<0.1	36	<2	94	5	<2	<3	<1	<10	6	<0.5	14
LP 031	Soil	--	<2	--	<0.1	39	<2	141	10	<2	<3	<1	<10	4	<0.5	23
LP 032	Soil	--	22	--	0.2	39	3	161	17	<2	<3	1	<10	12	<0.5	23
LP 033	Soil	--	8	--	<0.1	55	<2	115	72	<2	<3	1	<10	18	<0.5	13
LP 034	Soil	--	8	--	<0.1	37	<2	124	7	<2	<3	1	<10	11	<0.5	15
LP 035	Soil	--	10	--	<0.1	32	<2	48	11	<2	<3	1	<10	14	<0.5	4
G-060A	Soil	--	14	--	<0.1	31	<2	36	6	<2	<3	2	<10	16	<0.5	4
G-080A	Soil	--	10	--	<0.1	42	<2	32	10	<2	<3	3	<10	21	<0.5	23

G-100A	Soil	--	8	--	<0.1	56	<2	37	<5	<2	<3	2	<10	14	<0.5	4
G-120A	Soil	--	14	--	<0.1	109	5	74	15	<2	<3	3	<10	13	<0.5	35
G-140A	Soil	--	4	--	<0.1	141	<2	50	7	<2	<3	1	<10	14	<0.5	9
G-160A	Soil	--	14	--	<0.1	83	<2	53	9	<2	<3	1	<10	12	<0.5	8
G-180A	Soil	--	6	--	<0.1	31	8	35	<5	<2	<3	<1	<10	12	<0.5	4
RE 51580	Repeat	--	5	--	<0.1	25	5	97	<5	<2	<3	<1	<10	13	<0.5	17
RE CH006	Repeat	--	7	--	<0.1	13	<2	4	<5	<2	<3	2	<10	<2	<0.5	<1
RE G 151	Repeat	--	2	--	<0.1	12	4	9	30	<2	<3	<1	<10	14	<0.5	8
RE G 074	Repeat	--	20	--	<0.1	17	4	17	15	<2	<3	6	<10	19	<0.5	7
RE G 100	Repeat	--	12	--	<0.1	65	<2	39	<5	<2	<3	2	<10	19	<0.5	5
RE G 132	Repeat	--	<2	--	<0.1	33	<2	40	<5	<2	<3	<1	<10	9	<0.5	11
RE G 159	Repeat	--	12	--	<0.1	50	<2	38	6	<2	<3	1	<10	9	<0.5	4
RE G 183	Repeat	--	27	--	<0.1	33	<2	59	<5	<2	<3	<1	<10	21	<0.5	7
RE GC 015	Repeat	--	16	--	<0.1	70	7	209	23	<2	<3	<1	<10	14	<0.5	26
RE GC 035	Repeat	--	7	--	<0.1	90	7	219	10	<2	<3	<1	<10	3	<0.5	26
RE L 155	Repeat	--	<2	--	<0.1	4	2	21	<5	<2	<3	<1	<10	7	<0.5	2
RE L 176	Repeat	--	<2	--	<0.1	29	<2	49	6	<2	<3	<1	<10	16	<0.5	3
RE LP 006	Repeat	--	31	--	<0.1	20	3	41	<5	<2	<3	<1	<10	<2	<0.5	14
RE LP 024	Repeat	--	6	--	<0.1	45	<2	120	10	<2	<3	2	<10	9	<0.5	31
Blank iPL	Blk iPL	--	<2	--	--	--	--	--	--	--	--	--	--	--	--	--
OXI67	Std iPL	--	1812	--	--	--	--	--	--	--	--	--	--	--	--	--
OXI67 REF	Std iPL	--	1817	--	--	--	--	--	--	--	--	--	--	--	--	--
Minimum detection		0.1	2	0.07	0.1	1	2	2	5	2	3	1	10	2	0.5	1
Maximum detection		9999	10000	5000	100	10000	10000	10000	10000	10000	10000	10000	10000	10000	1000	10000
Method		Spec	FA/AAS	FAGrav	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

** Values highlighted (in yellow) are over the high detection limit for the corresponding methods. Other testing methods would be suggested. Please call for details.*

Ni	Ba	W	Cr	V	Mn	La	Sr	Zr	Sc	Ti	Al	Ca	Fe	Mg	K	Na	P
ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%	%
34	71	<10	81	157	1202	200	9	<2	8	0.01	2.70	0.17	5.50	2.01	0.09	0.06	0.06
3	40	<10	43	25	826	47	60	<2	2	<0.01	0.25	8.71	1.94	0.46	0.07	0.03	0.03
18	166	<10	13	205	2344	138	4	<2	10	0.01	3.92	0.25	13.35	1.31	0.20	0.01	0.10
17	132	<10	12	185	2368	139	4	<2	9	0.05	3.56	0.28	12.63	1.30	0.22	0.01	0.11
12	115	<10	11	100	1558	72	5	<2	8	0.03	1.90	0.18	12.47	0.56	0.30	0.01	0.10
12	64	<10	22	120	1668	93	6	<2	6	0.08	2.37	0.23	10.74	0.84	0.26	0.01	0.08
5	23	<10	41	11	215	24	1	<2	2	<0.01	0.41	0.03	6.93	0.03	0.23	0.01	0.03
27	179	<10	62	195	2596	136	3	<2	7	0.15	4.09	0.15	15.72	1.24	0.21	0.01	0.09
21	125	<10	55	147	2521	104	3	<2	7	0.11	3.41	0.23	13.12	0.91	0.21	0.01	0.09
5	49	<10	21	17	391	19	1	<2	3	<0.01	0.46	0.04	6.47	0.13	0.26	0.01	0.03
4	73	<10	33	11	509	12	1	<2	2	<0.01	0.57	0.03	2.97	0.03	0.26	0.01	0.03
24	154	<10	53	189	2090	117	3	<2	11	0.02	3.52	0.16	12.51	0.99	0.11	0.01	0.06
25	60	<10	69	181	1785	107	3	<2	11	0.04	3.33	0.16	11.88	0.98	0.10	0.01	0.06
26	47	<10	24	224	2476	169	3	<2	13	0.05	4.78	0.27	18.57	1.66	0.17	0.01	0.10
1	161	<10	19	9	44	4	38	<2	<1	<0.01	0.90	0.01	0.33	0.03	0.06	0.01	<0.01
30	77	<10	61	254	2973	153	6	<2	15	0.02	4.01	0.21	13.28	1.41	0.07	0.01	0.08
19	87	<10	24	217	2547	142	3	<2	11	0.02	3.78	0.24	12.56	1.28	0.18	0.01	0.10
2	37	<10	22	8	34	5	14	<2	<1	<0.01	0.65	0.01	0.24	0.04	0.06	0.01	<0.01
4	44	<10	32	40	283	32	32	5	1	0.05	0.72	0.15	0.88	0.29	0.20	0.02	0.01
1	23	<10	28	4	23	3	26	<2	<1	<0.01	0.44	0.01	0.12	0.01	0.24	0.01	<0.01
14	26	<10	58	95	776	68	2	<2	5	0.03	1.98	0.07	9.94	0.51	0.07	0.01	0.04
14	37	<10	12	343	1501	190	1	<2	13	<0.01	4.86	0.09	16.46	1.71	0.17	0.01	0.15
8	40	<10	39	37	605	45	10	3	2	0.03	0.97	0.59	2.78	0.33	0.31	0.02	0.07
5	66	<10	31	231	1653	228	182	<2	6	0.02	0.66	6.73	5.64	2.18	0.10	0.03	0.01
3	<10	<10	37	<1	22	14	1	<2	<1	<0.01	0.32	0.03	7.64	0.01	0.18	0.01	<0.01
2	<10	<10	24	5	23	6	6	<2	4	<0.01	0.69	0.05	3.83	0.02	0.30	0.02	<0.01
1	24	<10	16	2	7	4	6	<2	1	<0.01	0.57	0.01	3.33	<0.01	0.28	0.02	0.02
2	182	<10	40	5	14	2	28	<2	1	<0.01	0.90	0.04	0.60	0.01	0.02	0.01	0.02
<1	21	<10	39	3	10	<2	12	<2	<1	<0.01	0.32	0.01	0.53	<0.01	0.02	0.01	<0.01
5	94	<10	230	2	61	<2	3	<2	<1	<0.01	0.08	0.01	0.37	0.01	0.01	0.01	<0.01
30	26	<10	80	299	2346	267	2	<2	13	0.01	5.92	0.01	15.98	2.27	0.07	0.02	0.03
8	101	<10	108	29	371	38	2	<2	<1	<0.01	0.85	0.06	2.22	0.24	0.26	0.01	0.03
25	306	<10	77	54	1534	27	5	<2	7	0.06	0.78	0.07	7.95	0.15	0.26	0.01	0.06
11	96	<10	64	241	795	50	2	<2	4	0.02	0.73	0.09	17.91	0.18	0.24	0.01	0.04
50	34	<10	110	219	3975	300	16	12	5	0.45	3.03	5.09	6.20	2.81	0.03	0.05	0.08

2	73	<10	38	7	364	27	3	<2	4	0.01	0.41	0.04	4.12	0.06	0.29	0.01	0.03
3	140	<10	38	11	682	21	2	<2	2	0.01	0.55	0.09	3.99	0.06	0.32	0.01	0.02
2	127	<10	83	10	234	32	2	4	<1	0.05	0.58	0.04	3.15	0.08	0.24	0.01	0.02
3	100	<10	87	11	390	122	5	4	3	0.03	0.50	0.03	2.67	0.03	0.39	0.01	0.03
9	<10	<10	40	6	12	6	1	<2	1	<0.01	0.34	0.01	3.99	0.01	0.27	0.01	0.01
9	17	<10	39	183	230	41	8	8	<1	0.36	3.44	0.12	7.90	0.30	0.02	0.02	0.04
6	14	<10	23	328	228	40	5	4	<1	0.34	3.01	0.06	10.48	0.25	0.02	0.01	0.06
11	20	<10	42	321	389	67	6	9	11	0.43	6.21	0.10	11.93	0.65	0.02	0.02	0.06
26	23	<10	57	218	1449	75	51	4	<1	0.32	1.60	0.44	4.39	0.72	0.03	0.02	0.05
8	119	<10	13	147	704	51	7	<2	6	0.03	1.15	0.09	10.52	0.35	0.12	0.02	0.36
29	125	<10	36	189	2354	141	22	<2	12	0.11	2.56	0.65	7.11	1.24	0.07	0.03	0.10
9	57	<10	32	173	575	44	10	<2	5	0.02	3.64	0.22	8.01	0.33	0.04	0.02	0.08
8	48	<10	19	62	233	28	3	<2	5	<0.01	4.10	0.02	6.22	0.17	0.04	0.01	0.07
15	50	<10	29	143	1144	110	18	<2	3	0.05	2.19	0.26	4.29	1.03	0.04	0.02	0.06
5	27	<10	13	58	122	30	5	<2	2	<0.01	1.74	0.08	3.71	0.14	0.04	0.01	0.04
16	40	<10	36	158	346	62	14	<2	3	0.07	3.80	0.24	4.68	0.51	0.04	0.02	0.08
13	64	<10	26	116	1145	48	7	<2	3	0.07	2.32	0.10	5.58	0.35	0.07	0.02	0.12
14	135	<10	30	106	661	74	16	<2	4	0.03	2.00	0.06	6.19	0.53	0.09	0.01	0.15
5	40	<10	14	98	285	41	13	2	6	0.28	1.02	0.13	4.45	0.35	0.10	0.02	0.19
26	32	<10	61	276	3742	146	12	<2	19	0.18	4.60	0.14	11.68	1.37	0.04	0.01	0.25
12	73	<10	23	115	2499	53	7	<2	3	0.04	2.97	0.12	5.79	0.42	0.05	0.02	0.09
9	222	<10	12	68	1322	52	24	<2	2	0.03	1.70	0.70	5.63	0.39	0.06	0.02	0.10
9	41	<10	7	46	1727	57	2	<2	17	<0.01	2.65	0.04	15.39	0.16	0.04	0.01	0.20
5	108	<10	6	25	451	24	5	<2	4	<0.01	0.66	0.01	8.00	0.08	0.06	0.01	0.22
5	38	<10	14	105	130	29	4	<2	3	0.01	2.72	0.03	8.76	0.13	0.06	0.01	0.37
3	64	<10	6	10	35	13	20	<2	<1	<0.01	0.46	0.01	1.33	0.02	0.05	0.01	0.04
2	92	<10	5	16	37	17	16	<2	1	<0.01	0.44	0.01	4.05	0.02	0.07	0.01	0.08
19	99	<10	25	97	449	70	20	<2	7	0.09	3.15	0.09	7.03	0.49	0.08	0.01	0.21
6	30	<10	29	129	115	29	4	3	5	0.05	5.34	0.03	10.77	0.10	0.03	0.01	0.07
9	62	<10	32	128	998	38	7	<2	5	0.05	3.46	0.03	11.61	0.21	0.04	0.01	0.24
5	86	<10	7	40	232	33	3	<2	3	0.03	1.36	0.03	9.72	0.17	0.08	0.01	0.37
6	23	<10	30	111	118	28	3	2	5	0.05	3.55	0.04	7.54	0.18	0.02	0.01	0.06
2	22	<10	6	56	25	11	5	<2	<1	0.02	1.07	0.01	3.08	0.02	0.03	0.01	0.03
5	111	<10	14	64	285	30	5	<2	2	0.01	2.69	0.06	5.67	0.11	0.11	0.01	0.06
12	83	<10	24	88	353	58	4	<2	4	0.03	3.41	0.04	6.70	0.43	0.10	0.01	0.06
13	77	<10	26	116	650	55	7	<2	3	0.12	2.95	0.10	7.14	0.53	0.09	0.02	0.08
5	27	<10	19	103	270	27	3	<2	2	0.02	3.33	0.04	8.24	0.10	0.04	0.01	0.08
7	36	<10	25	107	318	43	4	<2	5	0.03	4.48	0.05	11.75	0.38	0.05	0.01	0.09
3	32	<10	7	31	101	20	2	<2	2	<0.01	1.73	0.01	3.79	0.11	0.10	0.01	0.05
4	31	<10	6	118	63	21	4	<2	2	0.01	2.55	0.02	7.08	0.06	0.04	0.01	0.06
6	45	<10	13	70	161	36	12	<2	1	0.02	2.02	0.04	4.43	0.33	0.05	0.01	0.04
13	54	<10	34	134	776	60	2	<2	10	0.01	3.86	0.01	10.90	0.57	0.08	0.01	0.19
6	47	<10	14	209	553	31	7	<2	9	<0.01	5.60	0.07	15.28	0.17	0.03	0.01	0.06
8	50	<10	31	118	340	46	4	<2	6	0.01	4.59	0.03	8.00	0.40	0.06	0.01	0.07
8	42	<10	26	129	207	31	4	3	8	0.05	3.94	0.03	8.92	0.15	0.04	0.01	0.04
5	34	<10	24	100	215	26	3	<2	6	0.02	3.98	0.03	8.98	0.13	0.06	0.01	0.07
4	29	<10	18	96	109	23	3	<2	2	0.02	2.48	0.02	7.73	0.08	0.05	0.01	0.07
3	35	<10	15	76	216	18	4	<2	2	0.01	2.54	0.02	6.21	0.06	0.05	0.01	0.07
4	29	<10	14	67	85	17	5	<2	<1	0.01	2.20	0.03	6.08	0.04	0.03	0.01	0.07
4	29	<10	19	88	110	21	3	<2	3	0.01	2.92	0.02	6.95	0.10	0.03	0.01	0.05
6	38	<10	22	84	147	27	3	<2	2	0.01	3.07	0.03	7.38	0.20	0.05	0.01	0.06
8	19	<10	19	99	107	26	2	<2	<1	0.02	1.88	0.02	5.65	0.22	0.03	0.01	0.02
7	24	<10	21	104	182	30	3	<2	<1	0.02	2.36	0.04	7.24	0.27	0.04	0.01	0.03
16	39	<10	28	124	411	63	4	<2	<1	0.08	3.90	0.06	15.24	0.72	0.07	0.01	0.05
7	37	<10	24	91	207	31	3	2	3	0.04	4.80	0.04	9.11	0.33	0.03	0.01	0.05
18	59	<10	20	58	863	31	2	<2	5	<0.01	3.41	0.01	9.46	0.23	0.09	0.01	0.07
16	38	<10	27	87	326	31	2	<2	4	0.01	5.05	0.02	9.98	0.24	0.07	0.01	0.06
6	37	<10	14	62	185	19	1	<2	3	<0.01	3.98	0.01	9.94	0.08	0.06	0.01	0.06

11	36	<10	30	121	473	26	2	<2	7	<0.01	4.74	0.01	9.74	0.16	0.06	0.01	0.06
25	74	<10	25	76	2113	39	2	<2	8	<0.01	3.15	0.02	14.93	0.22	0.11	0.01	0.11
23	69	<10	28	75	793	48	2	<2	7	<0.01	3.74	0.01	6.41	0.36	0.11	0.01	0.06
13	35	<10	37	116	463	49	3	<2	5	0.03	4.76	0.04	8.01	0.58	0.04	0.01	0.05
10	19	<10	41	172	707	42	5	6	2	0.35	4.01	0.12	8.80	0.46	0.02	0.01	0.04
15	28	<10	44	171	789	62	5	6	1	0.43	5.32	0.16	9.23	0.75	0.03	0.02	0.06
8	21	<10	38	184	360	26	4	<2	<1	0.26	3.75	0.08	10.80	0.22	0.02	0.01	0.03
14	30	<10	37	127	672	53	4	3	5	0.17	5.49	0.10	7.47	0.66	0.04	0.01	0.05
11	40	<10	37	131	780	42	3	<2	7	0.03	5.85	0.04	10.50	0.36	0.05	0.01	0.06
6	159	<10	15	79	4535	34	2	<2	3	0.02	3.87	0.02	13.00	0.10	0.07	0.01	0.08
18	50	<10	40	128	879	50	3	<2	6	0.03	6.50	0.04	9.18	0.54	0.04	0.01	0.07
8	52	<10	26	104	3826	31	3	<2	7	0.02	4.44	0.03	11.02	0.21	0.06	0.01	0.10
25	256	<10	10	31	3928	35	5	<2	9	<0.01	2.05	0.16	7.94	0.17	0.18	0.01	0.10
22	42	<10	119	91	519	28	3	<2	4	0.01	5.06	0.03	9.14	0.17	0.04	0.01	0.07
9	44	<10	24	94	462	31	3	<2	3	0.02	4.96	0.04	9.19	0.29	0.05	0.01	0.06
8	38	<10	21	71	1296	26	2	<2	3	0.01	5.51	0.02	15.81	0.07	0.04	0.01	0.08
12	51	<10	30	97	446	42	3	<2	4	0.02	4.67	0.05	8.50	0.40	0.05	0.01	0.06
13	77	<10	20	67	799	40	2	<2	3	0.01	2.50	0.02	6.13	0.34	0.11	0.01	0.05
18	173	<10	21	60	12094	42	4	<2	4	0.01	2.17	0.08	18.71	0.28	0.07	0.01	0.05
9	69	<10	19	71	2357	28	3	<2	2	0.01	2.93	0.05	8.94	0.22	0.07	0.01	0.05
16	68	<10	24	82	579	48	2	<2	2	0.03	2.79	0.04	8.77	0.51	0.11	0.01	0.04
11	45	<10	28	90	272	31	2	<2	3	0.01	4.07	0.02	8.60	0.31	0.05	0.01	0.05
13	39	<10	41	93	210	29	2	<2	3	0.01	3.70	0.02	7.54	0.20	0.04	0.01	0.04
17	131	<10	48	131	2707	63	5	<2	7	0.03	5.05	0.11	8.55	0.45	0.06	0.01	0.10
9	38	<10	25	108	207	31	4	<2	2	0.03	3.01	0.05	4.40	0.26	0.05	0.01	0.03
17	42	<10	25	102	554	58	4	<2	2	0.05	3.12	0.06	7.19	0.69	0.06	0.01	0.04
14	61	<10	21	114	388	48	3	<2	4	0.03	4.72	0.04	9.20	0.57	0.05	0.01	0.04
6	24	<10	7	137	142	15	2	<2	<1	0.21	1.77	0.03	7.18	0.07	0.04	0.02	0.05
8	34	<10	18	214	510	24	6	<2	<1	0.20	3.28	0.08	11.73	0.15	0.02	0.01	0.05
11	54	<10	27	119	1371	36	3	<2	4	0.05	4.31	0.04	10.46	0.38	0.04	0.01	0.06
12	39	<10	30	112	714	39	3	<2	6	0.02	4.66	0.04	7.68	0.40	0.04	0.01	0.07
10	35	<10	26	115	474	42	4	<2	3	0.04	4.00	0.04	8.51	0.42	0.03	0.01	0.05
16	39	<10	29	111	975	53	5	<2	3	0.08	4.54	0.07	8.33	0.70	0.05	0.01	0.09
35	138	<10	63	199	4310	85	7	<2	8	0.05	11.05	0.04	8.67	1.27	0.04	0.02	0.13
10	34	<10	25	127	760	35	7	<2	<1	0.17	2.72	0.09	6.47	0.46	0.06	0.02	0.06
9	32	<10	35	152	1336	30	5	<2	3	0.17	3.93	0.07	8.59	0.33	0.03	0.01	0.06
12	39	<10	57	234	10041	37	20	2	<1	0.44	5.61	0.26	12.49	0.38	0.02	0.02	0.18
10	29	<10	44	164	773	35	6	3	4	0.21	4.92	0.07	8.58	0.31	0.03	0.02	0.07
12	44	<10	34	140	519	42	4	<2	3	0.05	4.52	0.06	8.30	0.45	0.04	0.01	0.06
13	40	<10	42	160	804	49	6	3	5	0.19	4.65	0.08	8.35	0.51	0.05	0.02	0.05
8	36	<10	30	152	299	30	5	<2	<1	0.21	3.36	0.06	9.07	0.33	0.04	0.02	0.04
11	36	<10	38	158	421	42	5	<2	1	0.21	3.93	0.07	11.39	0.52	0.04	0.02	0.04
12	31	<10	32	127	390	43	5	<2	1	0.19	3.98	0.09	7.69	0.58	0.04	0.01	0.04
15	35	<10	33	181	501	51	6	<2	<1	0.18	3.21	0.06	12.07	0.61	0.03	0.02	0.04
11	26	<10	35	144	439	39	4	<2	<1	0.13	2.83	0.06	6.54	0.34	0.03	0.01	0.05
10	26	<10	30	138	339	29	6	<2	<1	0.16	1.62	0.07	5.54	0.26	0.03	0.01	0.03
20	41	<10	69	196	640	69	8	3	5	0.19	5.14	0.10	8.66	0.80	0.04	0.02	0.05
28	39	<10	60	201	1364	99	12	<2	2	0.22	3.81	0.13	7.04	1.19	0.04	0.02	0.04
19	32	<10	79	235	829	63	10	<2	5	0.20	5.90	0.09	10.92	0.76	0.03	0.02	0.05
39	57	<10	81	189	2830	91	5	<2	15	0.01	8.42	0.04	8.71	1.08	0.10	0.02	0.10
24	39	<10	72	232	711	53	3	2	9	0.06	7.87	0.05	16.99	0.63	0.03	0.02	0.06
35	254	<10	51	225	6452	159	20	3	8	0.25	3.39	0.77	8.69	1.91	0.10	0.03	0.09
9	113	<10	25	142	7829	42	7	<2	2	0.02	4.09	0.14	8.99	0.27	0.05	0.02	0.10
21	35	<10	70	195	1795	74	12	8	15	0.26	9.82	0.20	7.78	0.87	0.03	0.02	0.08
30	977	<10	40	162	8024	92	13	<2	9	0.04	2.49	0.95	8.90	1.01	0.13	0.02	0.09
30	75	<10	39	125	3631	24	5	<2	9	0.02	0.96	0.14	8.27	0.22	0.20	0.01	0.04
13	31	<10	67	181	1378	31	5	<2	7	0.15	5.81	0.06	11.93	0.29	0.03	0.02	0.06
26	96	<10	53	163	10920	39	9	<2	5	0.07	6.57	0.17	8.91	0.33	0.04	0.03	0.12

15	82	<10	60	189	8491	45	13	<2	4	0.03	5.45	0.26	11.75	0.47	0.05	0.02	0.13
27	93	<10	94	258	9120	95	9	<2	11	0.07	6.43	0.13	11.73	1.04	0.07	0.02	0.15
10	55	<10	52	211	3823	45	4	<2	7	0.03	5.64	0.04	12.78	0.26	0.04	0.02	0.14
10	44	<10	67	301	11403	39	7	6	19	0.29	10.16	0.07	14.12	0.29	0.02	0.02	0.14
30	70	<10	70	230	3570	89	10	2	7	0.18	5.50	0.16	7.35	0.89	0.04	0.02	0.08
37	120	<10	81	241	4443	123	15	<2	7	0.17	3.99	0.40	6.97	1.29	0.06	0.02	0.08
40	101	<10	101	236	4573	64	6	<2	13	0.05	4.82	0.08	8.79	0.63	0.06	0.01	0.08
47	68	<10	124	327	4244	109	7	<2	17	0.19	5.99	0.11	9.58	1.15	0.04	0.02	0.07
22	40	<10	148	389	7750	58	10	3	8	0.62	5.12	0.13	10.62	0.56	0.02	0.02	0.09
68	111	<10	93	302	5904	252	23	5	11	0.38	3.56	0.86	7.34	2.83	0.05	0.03	0.08
40	52	<10	127	277	5420	91	16	8	15	0.34	7.70	0.23	7.61	0.84	0.03	0.02	0.09
31	133	<10	70	272	5083	144	51	5	15	0.31	7.41	1.30	7.10	1.50	0.09	0.05	0.11
47	96	<10	96	246	2110	149	8	5	4	0.33	3.86	0.18	6.75	1.38	0.03	0.02	0.04
23	51	<10	87	212	2738	73	6	3	4	0.26	7.39	0.10	9.63	0.73	0.02	0.02	0.10
18	32	<10	95	286	2963	58	9	3	<1	0.36	3.82	0.11	9.98	0.50	0.03	0.01	0.06
18	39	<10	87	260	1853	42	9	3	4	0.27	3.60	0.14	8.80	0.33	0.02	0.02	0.06
16	23	<10	105	292	3051	53	12	7	<1	0.33	4.84	0.15	13.25	0.45	0.01	0.02	0.08
15	27	<10	84	221	2784	37	33	3	4	0.27	3.87	0.31	6.82	0.38	0.02	0.03	0.09
19	36	<10	97	229	2033	39	21	4	1	0.35	6.24	0.19	8.11	0.47	0.02	0.02	0.08
26	118	<10	94	194	1941	55	38	<2	6	0.08	5.35	0.68	10.19	0.44	0.04	0.03	0.11
12	24	<10	80	250	492	33	18	4	2	0.28	4.13	0.20	8.52	0.26	0.02	0.02	0.06
72	113	<10	140	225	1444	237	105	9	3	0.31	3.37	2.47	4.71	2.24	0.16	0.12	0.09
22	61	<10	48	135	1657	71	29	<2	1	0.12	3.46	0.40	5.38	0.69	0.05	0.02	0.09
28	101	<10	93	258	3052	76	22	3	12	0.27	5.57	0.44	9.76	0.82	0.03	0.03	0.10
40	141	<10	60	221	3609	154	27	6	8	0.32	2.46	0.80	5.91	1.96	0.07	0.02	0.08
35	62	<10	59	180	2021	121	23	4	4	0.22	1.89	0.79	4.09	1.36	0.05	0.03	0.06
68	85	<10	107	248	1972	196	32	<2	8	0.14	3.56	1.48	6.20	2.38	0.05	0.02	0.07
31	56	<10	63	186	1712	100	19	3	1	0.24	2.73	0.35	5.73	1.04	0.05	0.02	0.04
37	82	<10	55	201	2193	154	27	7	2	0.33	2.43	1.37	4.97	1.61	0.07	0.03	0.08
38	109	<10	56	198	2701	142	28	3	5	0.27	3.09	0.66	5.45	1.43	0.09	0.03	0.08
39	114	<10	56	202	2721	141	29	3	6	0.28	3.15	0.68	5.57	1.39	0.09	0.03	0.09
6	94	<10	8	79	2408	50	15	2	9	0.02	6.56	0.16	8.77	0.23	0.07	0.02	0.09
21	23	<10	76	182	1752	56	13	4	<1	0.33	3.82	0.27	9.06	0.74	0.03	0.02	0.06
15	60	<10	65	182	2522	78	10	4	4	0.23	5.60	0.23	7.00	0.41	0.03	0.02	0.10
11	80	<10	30	86	3698	59	13	<2	6	0.02	6.44	0.32	6.36	0.32	0.05	0.02	0.16
16	62	<10	52	149	2700	61	14	<2	6	0.03	4.15	0.34	6.97	0.34	0.05	0.02	0.08
48	46	<10	115	236	2594	93	10	5	2	0.36	4.32	0.29	5.65	1.04	0.03	0.02	0.10
26	36	<10	87	218	2703	61	8	3	<1	0.27	3.71	0.18	6.12	0.63	0.02	0.02	0.06
35	51	<10	93	207	1709	78	8	5	2	0.25	4.22	0.18	6.40	0.88	0.03	0.02	0.07
27	40	<10	111	299	579	70	7	16	<1	0.44	4.95	0.16	10.50	0.80	0.02	0.02	0.04
32	33	<10	72	186	646	84	11	2	<1	0.21	2.48	0.26	4.85	0.97	0.06	0.02	0.04
30	44	<10	68	189	603	78	12	2	5	0.18	4.97	0.25	5.75	0.94	0.05	0.02	0.07
13	537	<10	13	54	9527	277	10	<2	22	0.02	1.57	0.32	15.63	0.44	0.11	0.01	0.05
14	27	<10	31	81	234	28	4	<2	5	<0.01	1.63	0.04	3.92	0.23	0.05	0.01	0.03
3	13	<10	14	72	131	19	4	<2	<1	0.06	0.60	0.04	2.79	0.04	0.02	0.01	0.02
49	41	<10	62	164	2247	88	12	3	10	0.17	1.97	0.28	5.12	0.92	0.05	0.01	0.05
5	43	<10	28	110	288	18	2	<2	2	0.03	3.15	0.04	6.97	0.10	0.03	0.01	0.03
7	76	<10	20	104	493	25	3	<2	4	0.01	3.72	0.05	8.13	0.15	0.07	0.01	0.03
7	76	<10	20	108	720	24	2	<2	5	0.01	3.80	0.05	8.50	0.14	0.06	0.01	0.03
19	98	<10	45	171	1565	30	8	<2	7	0.04	6.44	0.30	11.34	0.24	0.04	0.02	0.09
13	43	<10	65	217	420	40	6	4	2	0.19	5.21	0.06	11.06	0.55	0.03	0.02	0.03
14	26	<10	68	168	438	49	6	5	<1	0.24	4.47	0.10	8.31	0.60	0.02	0.01	0.02
11	25	<10	44	116	353	40	6	3	3	0.12	3.83	0.10	4.31	0.41	0.04	0.01	0.03
6	43	<10	31	160	214	23	4	<2	<1	0.10	2.86	0.06	8.89	0.15	0.04	0.01	0.03
9	59	<10	30	106	477	23	3	<2	2	0.03	5.01	0.06	7.36	0.18	0.04	0.01	0.06
9	133	<10	13	121	1462	24	2	<2	5	0.02	3.00	0.05	8.88	0.15	0.09	0.01	0.08
6	29	<10	36	146	196	24	4	<2	<1	0.10	3.15	0.04	8.10	0.15	0.03	0.01	0.03
8	131	<10	24	123	1714	33	3	<2	5	0.01	2.98	0.05	8.43	0.28	0.04	0.01	0.04

45	70	<10	35	360	1939	106	4	<2	31	0.01	1.10	0.17	32.85	0.32	0.10	0.01	0.11
11	53	<10	52	222	621	32	4	2	8	0.06	8.03	0.05	13.75	0.24	0.03	0.02	0.07
6	44	<10	29	142	253	27	4	2	3	0.04	4.54	0.05	8.29	0.15	0.04	0.01	0.03
5	30	<10	8	64	233	31	4	<2	2	<0.01	1.70	0.01	3.16	0.07	0.04	0.02	0.02
4	60	<10	9	67	305	26	3	<2	2	<0.01	4.02	0.04	4.45	0.06	0.05	0.02	0.05
4	53	<10	6	62	403	20	2	<2	2	<0.01	3.19	0.02	4.96	0.05	0.05	0.02	0.05
4	58	<10	7	55	1570	19	2	<2	2	<0.01	2.78	0.02	4.10	0.05	0.07	0.01	0.07
10	154	<10	13	66	2296	39	6	<2	3	0.01	2.60	0.12	5.11	0.25	0.18	0.01	0.07
11	49	<10	27	100	899	41	4	<2	4	0.02	3.80	0.05	8.98	0.29	0.10	0.01	0.08
11	67	<10	34	111	2200	33	7	<2	3	0.02	4.07	0.10	5.62	0.23	0.10	0.02	0.08
12	67	<10	34	113	2271	34	7	<2	3	0.02	4.21	0.11	5.68	0.23	0.09	0.02	0.09
32	48	<10	95	205	1279	62	6	6	16	0.14	6.41	0.13	7.22	0.59	0.07	0.02	0.14
13	40	<10	56	161	356	39	6	<2	5	0.07	3.44	0.09	7.15	0.29	0.06	0.02	0.04
35	71	<10	78	248	891	94	14	6	8	0.24	5.42	0.31	7.25	0.96	0.08	0.02	0.05
63	122	<10	161	297	1533	120	74	13	10	0.32	7.39	0.87	7.76	1.20	0.09	0.03	0.06
42	82	<10	56	161	1557	88	19	<2	6	0.07	4.74	0.42	6.06	0.92	0.11	0.02	0.05
8	37	<10	31	110	781	30	181	7	3	0.09	1.81	1.68	2.11	0.22	0.19	0.01	0.04
16	30	<10	66	300	531	63	22	21	3	0.42	7.54	0.50	10.43	0.68	0.04	0.02	0.04
15	87	<10	40	135	1647	47	7	<2	6	0.02	2.80	0.10	5.87	0.42	0.11	0.01	0.03
8	56	<10	39	185	255	26	6	<2	<1	0.21	2.45	0.06	8.49	0.14	0.05	0.02	0.03
18	28	<10	35	214	2415	83	24	15	1	0.58	4.41	0.63	6.75	1.05	0.04	0.04	0.11
21	24	<10	41	247	955	80	16	20	<1	0.70	3.80	0.53	7.01	0.99	0.03	0.03	0.08
14	24	<10	70	304	289	47	7	24	<1	0.82	5.96	0.15	11.97	0.50	0.03	0.02	0.05
16	68	<10	25	266	4410	133	26	9	<1	0.55	3.42	0.89	8.44	1.30	0.04	0.04	0.12
22	21	<10	67	297	1279	75	7	38	13	0.79	9.60	0.19	9.15	0.74	0.02	0.02	0.13
7	15	<10	38	318	520	21	8	5	<1	0.69	1.20	0.19	6.92	0.19	0.03	0.03	0.04
15	37	<10	60	302	1188	37	10	17	<1	0.74	5.30	0.21	10.96	0.34	0.02	0.03	0.06
21	42	<10	42	238	2325	94	36	12	<1	0.70	4.35	1.55	7.35	1.20	0.06	0.03	0.07
19	27	<10	80	253	317	38	5	33	2	0.76	8.01	0.13	10.95	0.37	0.02	0.02	0.05
21	53	<10	33	182	878	99	27	7	2	0.29	4.02	1.29	5.22	1.13	0.07	0.09	0.07
19	25	<10	50	221	522	56	7	15	3	0.42	5.50	0.16	7.92	0.66	0.03	0.02	0.05
12	30	<10	59	246	3389	41	10	7	<1	0.65	3.21	0.21	7.95	0.44	0.03	0.03	0.05
31	36	<10	62	210	1573	39	6	<2	11	0.04	5.41	0.09	8.43	0.44	0.04	0.02	0.05
27	32	<10	66	222	958	63	10	4	7	0.27	6.12	0.21	8.58	0.74	0.04	0.02	0.08
22	79	<10	24	178	2006	95	23	4	7	0.18	3.71	0.28	6.40	1.06	0.09	0.03	0.07
17	43	<10	27	167	843	55	12	6	2	0.30	3.82	0.19	8.12	0.84	0.05	0.02	0.06
20	43	<10	21	157	2905	73	16	<2	6	0.08	4.35	0.23	7.67	1.09	0.08	0.03	0.08
27	50	<10	36	203	2661	98	15	5	4	0.40	5.24	0.61	8.20	1.56	0.05	0.03	0.08
18	73	<10	28	337	4197	152	41	7	2	0.58	4.27	1.63	11.32	2.03	0.05	0.02	0.08
32	43	<10	65	230	1419	83	12	9	8	0.40	7.69	0.29	9.41	1.20	0.04	0.03	0.08
33	44	<10	69	243	1358	88	13	9	9	0.35	6.48	0.30	8.02	1.09	0.04	0.03	0.08
23	33	<10	50	273	1348	72	8	5	7	0.34	6.20	0.15	12.11	1.00	0.05	0.03	0.06
21	37	<10	37	264	1929	77	15	6	<1	0.51	6.10	0.33	10.70	1.07	0.03	0.03	0.07
33	49	<10	35	174	2967	76	21	4	9	0.24	4.29	0.41	9.98	1.10	0.06	0.02	0.08
28	82	<10	32	215	1610	105	18	5	8	0.26	5.00	0.34	6.99	1.40	0.08	0.03	0.08
10	36	<10	3	49	690	42	2	<2	10	<0.01	1.37	0.05	17.26	0.29	0.05	0.01	0.16
23	40	<10	29	222	835	124	9	6	5	0.38	5.36	0.17	7.30	1.68	0.04	0.03	0.04
15	23	<10	34	202	264	47	7	8	7	0.26	6.14	0.13	6.92	0.63	0.02	0.02	0.05
15	43	<10	44	280	2024	44	8	8	2	0.55	5.36	0.15	11.91	0.52	0.03	0.02	0.06
30	59	<10	46	193	2070	76	7	<2	11	0.06	4.54	0.11	9.46	1.12	0.07	0.02	0.09
18	32	<10	34	186	758	58	14	5	2	0.32	5.00	0.35	8.84	0.96	0.04	0.02	0.08
30	36	<10	47	211	2688	86	12	4	4	0.36	6.73	0.16	10.71	1.38	0.06	0.02	0.14
21	69	<10	33	135	2295	68	11	<2	4	0.02	4.14	0.21	7.80	1.08	0.06	0.02	0.07
30	41	<10	54	164	867	72	6	4	9	0.08	5.89	0.10	12.88	1.01	0.04	0.02	0.05
22	97	<10	22	135	849	84	18	<2	7	0.05	2.58	0.57	6.04	1.14	0.05	0.02	0.09
9	27	<10	23	140	122	32	4	<2	1	0.04	4.49	0.05	6.98	0.43	0.05	0.02	0.04
8	47	<10	18	59	226	25	3	<2	5	<0.01	6.03	0.02	9.01	0.22	0.04	0.01	0.07
9	67	<10	30	116	963	32	7	<2	5	0.05	4.19	0.03	14.85	0.25	0.04	0.01	0.24

8	42	<10	33	109	244	33	3	<2	6	0.01	5.93	0.03	9.36	0.37	0.05	0.01	0.07
19	118	<10	21	72	2932	39	4	<2	4	0.01	3.27	0.03	7.51	0.40	0.09	0.01	0.07
17	51	<10	41	133	713	52	4	<2	7	0.03	5.99	0.04	8.18	0.44	0.04	0.02	0.08
15	40	<10	25	105	512	59	5	<2	3	0.06	3.15	0.07	6.89	0.62	0.06	0.01	0.04
7	36	<10	27	144	262	29	5	<2	<1	0.16	3.05	0.05	7.86	0.28	0.03	0.02	0.03
33	70	<10	80	154	1196	173	9	<2	8	0.01	2.69	0.17	5.50	2.00	0.09	0.06	0.06
<1	21	<10	26	4	21	3	25	<2	<1	<0.01	0.44	0.01	0.12	0.01	0.24	0.01	<0.01
9	<10	<10	39	5	11	3	<1	<2	1	<0.01	0.34	0.01	4.01	0.01	0.27	0.01	0.01
5	108	<10	6	24	447	21	5	<2	4	<0.01	0.66	0.01	8.01	0.08	0.06	0.01	0.22
8	49	<10	29	109	342	36	3	<2	6	0.01	4.61	0.03	8.02	0.41	0.06	0.01	0.07
10	18	<10	41	179	697	42	6	4	3	0.35	3.99	0.12	8.80	0.46	0.02	0.02	0.04
9	37	<10	24	103	192	32	4	<2	2	0.03	3.00	0.05	4.40	0.26	0.05	0.01	0.03
13	34	<10	32	161	500	46	5	<2	<1	0.18	3.20	0.06	11.92	0.60	0.03	0.02	0.04
37	119	<10	79	229	4470	109	14	<2	6	0.17	4.01	0.40	7.13	1.30	0.06	0.02	0.08
40	140	<10	59	196	3591	148	21	6	5	0.32	2.46	0.80	5.86	1.96	0.07	0.02	0.08
3	13	<10	13	71	130	20	4	<2	<1	0.06	0.60	0.04	2.79	0.04	0.02	0.01	0.01
4	51	<10	6	55	396	18	2	<2	2	0.01	3.20	0.02	5.08	0.05	0.05	0.01	0.05
7	16	<10	38	310	519	18	8	5	<1	0.70	1.20	0.19	7.03	0.20	0.03	0.03	0.04
27	82	<10	31	226	1620	102	22	4	10	0.26	5.01	0.34	7.00	1.40	0.08	0.03	0.08
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1	10	10	1	1	5	2	1	2	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
10000	10000	5000	10000	10000	10000	10000	10000	1000	10000	10	10	10	10	10	10	10	5
ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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ISO 9001:2000 Certified

Certificate#: 09L3825
Client: Homegold Resources
Project: Le Mare
Shipment#:
PO#:
No. of Samples: 268
Analysis #1: Au(FA/AAS)
Analysis #2: ICP(AqR)30
Analysis #3:
Comment #1:
Comment #2:
Date In: Dec 28, 2009
Date Out: Jan 08, 2010

Sample Name	SampleType	Wt Kg	Au ppb	Au g/mt	Ag g/mt	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm
51560	Rock	1.5	8	--	--	0.2	261	<2	91	<5	<2	<3	<1	<10	9	<0.5	39
51561	Rock	0.8	12	--	--	<0.1	1	<2	43	<5	<2	<3	<1	<10	17	<0.5	24
51562	Rock	0.9	5	--	--	<0.1	17	<2	27	<5	<2	<3	<1	<10	8	<0.5	5
51563	Rock	1.2	27	--	--	<0.1	1	<2	34	<5	<2	<3	2	<10	13	<0.5	5
51564	Rock	1.5	35	--	--	3.9	27273	25	77	7	<2	<3	17	<10	<2	<0.5	34
51565	Rock	1.7	9	--	--	<0.1	26	<2	35	<5	<2	<3	<1	<10	22	<0.5	5
51566	Rock	1.4	3	--	--	<0.1	351	<2	139	<5	<2	<3	<1	<10	25	<0.5	24
51567	Rock	1.5	<2	--	--	0.2	53	<2	107	<5	<2	<3	<1	<10	33	<0.5	35
51568	Rock	1.7	4	--	--	<0.1	92	<2	91	<5	<2	<3	<1	<10	13	<0.5	25
51569	Rock	2.6	12	--	--	<0.1	300	<2	132	<5	<2	<3	<1	<10	26	<0.5	30
51570	Rock	2.3	10	--	--	<0.1	92	<2	74	<5	<2	<3	<1	<10	23	<0.5	16
51571	Rock	1.4	<2	--	--	<0.1	17	3	22	<5	<2	<3	3	<10	10	<0.5	9
51572	Rock	1.3	14	--	--	<0.1	30	<2	46	<5	<2	<3	<1	<10	17	<0.5	4
51573	Rock	1.5	16	--	--	<0.1	5	2	30	<5	<2	<3	1	<10	12	<0.5	<1
51574	Rock	1.3	18	--	--	<0.1	45	<2	167	<5	<2	<3	<1	<10	<2	<0.5	36
51575	Rock	1.2	12	--	--	0.3	232	5	76	<5	<2	<3	<1	<10	7	<0.5	13
51576	Rock	1.3	5	--	--	0.1	13	3	42	<5	<2	<3	5	<10	21	<0.5	10
51577	Rock	1.0	10	--	--	<0.1	2	<2	48	<5	<2	<3	1	<10	4	<0.5	5
51578	Rock	1.3	16	--	--	0.6	738	4	70	11	<2	<3	<1	<10	46	<0.5	65
51579	Rock	2.5	5	--	--	<0.1	9	3	12	<5	2	<3	5	<10	<2	<0.5	3
L006	Rock	3.7	<2	--	--	0.1	94	3	70	16	9	<3	<1	<10	11	<0.5	4
L064	Rock	2.0	<2	--	--	<0.1	12	<2	156	<5	<2	<3	1	<10	12	<0.5	6
L130	Rock	3.2	3	--	--	<0.1	15	2	161	<5	<2	<3	<1	<10	14	<0.5	6
LEM03	Rock	1.2	15	--	--	<0.1	4	<2	5	<5	<2	<3	<1	<10	<2	<0.5	<1
LEM01R	Rock	1.9	12	--	--	0.2	40	<2	26	<5	<2	<3	<1	<10	11	<0.5	2
LEM02R	Rock	1.4	16	--	--	<0.1	<1	<2	385	<5	<2	<3	<1	<10	20	<0.5	29
LEM03AR	Rock	1.4	8472	8.48	120.2	127.1	12310	351	198215	<5	40	41	<1	<10	768	5798.5	32
LEM04	Rock	1.2	15	--	--	0.2	130	<2	353	<5	<2	<3	<1	<10	21	<0.5	8
LEM05	Rock	2.1	169	--	--	3.1	291	12	4679	<5	<2	<3	<1	<10	36	103.4	3
LEM06	Rock	1.6	7	--	--	<0.1	314	<2	91	<5	<2	<3	3	<10	10	<0.5	2
L001	Soil	--	19	--	--	<0.1	4	12	40	<5	<2	<3	<1	<10	17	<0.5	4
L002	Soil	--	42	--	--	<0.1	119	<2	58	<5	<2	<3	2	<10	26	<0.5	6
L003	Soil	--	25	--	--	<0.1	33	48	705	974	<2	<3	<1	<10	56	<0.5	55
L004	Soil	--	26	--	--	<0.1	148	10	85	76	<2	<3	3	<10	15	<0.5	9
L005	Soil	--	23	--	--	<0.1	10	2	56	18	<2	<3	<1	<10	20	<0.5	3
L007	Soil	--	41	--	--	<0.1	60	5	94	14	<2	<3	<1	<10	14	<0.5	19
L008	Soil	--	<2	--	--	0.3	180	30	249	8	<2	<3	<1	<10	16	<0.5	32
L009	Soil	--	18	--	--	0.4	251	35	242	<5	<2	<3	<1	<10	15	<0.5	33
L010	Soil	--	<2	--	--	0.3	234	16	159	<5	<2	<3	<1	<10	11	<0.5	32
L011	Soil	--	<2	--	--	0.3	220	7	121	<5	<2	<3	<1	<10	<2	<0.5	26
L012	Soil	--	29	--	--	1.5	872	235	620	6	<2	<3	<1	<10	12	<0.5	41
L013	Soil	--	12	--	--	0.5	113	31	398	16	<2	<3	<1	<10	18	<0.5	33
L014	Soil	--	4	--	--	0.5	133	21	400	11	<2	<3	<1	<10	23	<0.5	30
L015	Soil	--	<2	--	--	0.4	122	36	360	7	<2	<3	<1	<10	9	<0.5	30

L016	Soil	--	23	--	--	0.3	70	10	286	<5	<2	<3	<1	<10	7	<0.5	28
L017	Soil	--	4	--	--	0.3	32	9	212	<5	<2	<3	<1	<10	12	<0.5	24
L018	Soil	--	19	--	--	0.4	122	27	380	13	<2	<3	<1	<10	6	<0.5	37
L019	Soil	--	29	--	--	0.5	112	17	293	10	<2	<3	<1	<10	9	<0.5	26
L020	Soil	--	11	--	--	1.8	74	9	114	<5	<2	<3	<1	<10	18	<0.5	8
L020A	Soil	--	8	--	--	2.0	81	8	117	<5	<2	<3	<1	<10	20	<0.5	8
L021	Soil	--	22	--	--	0.4	203	19	292	6	<2	<3	<1	<10	3	<0.5	23
L022	Soil	--	84	--	--	0.5	85	19	346	6	<2	<3	<1	<10	5	<0.5	27
L023	Soil	--	11	--	--	0.2	56	7	430	10	<2	<3	<1	<10	11	<0.5	20
L024	Soil	--	90	--	--	0.2	121	8	271	9	<2	<3	<1	<10	12	<0.5	24
L025	Soil	--	29	--	--	0.4	83	10	295	25	<2	<3	<1	<10	20	<0.5	19
L026	Soil	--	30	--	--	0.7	46	<2	184	24	<2	<3	<1	<10	21	<0.5	10
L027	Soil	--	18	--	--	0.3	67	3	151	10	<2	<3	<1	<10	22	<0.5	25
L028	Soil	--	24	--	--	2.3	162	8	155	13	<2	<3	<1	<10	23	<0.5	31
L029	Soil	--	19	--	--	0.8	110	6	130	19	<2	<3	<1	<10	21	<0.5	24
L030	Soil	--	31	--	--	0.1	112	6	301	12	<2	<3	<1	<10	7	<0.5	33
L031	Soil	--	48	--	--	0.6	78	6	175	10	<2	<3	<1	<10	15	<0.5	26
L032	Soil	--	48	--	--	0.2	57	<2	99	9	<2	<3	<1	<10	7	<0.5	20
L033	Soil	--	19	--	--	0.8	32	6	60	6	<2	<3	<1	<10	7	<0.5	15
L034	Soil	--	12	--	--	0.5	49	12	125	14	<2	<3	<1	<10	16	<0.5	23
L035	Soil	--	53	--	--	0.9	42	14	120	10	<2	<3	<1	<10	8	<0.5	15
L036	Soil	--	73	--	--	0.3	56	<2	61	23	<2	<3	<1	<10	<2	<0.5	29
L037	Soil	--	35	--	--	0.4	86	2	113	42	<2	<3	<1	<10	11	<0.5	32
L038	Soil	--	22	--	--	0.2	42	<2	68	13	<2	<3	<1	<10	7	<0.5	31
L039	Soil	--	19	--	--	0.3	70	3	134	13	<2	<3	<1	<10	6	<0.5	28
L040	Soil	--	<2	--	--	0.6	126	167	150	20	<2	<3	<1	<10	9	<0.5	45
L040A	Soil	--	3	--	--	0.6	127	180	150	20	<2	<3	<1	<10	7	<0.5	44
L041	Soil	--	41	--	--	0.1	98	7	131	17	<2	<3	<1	<10	7	<0.5	26
L042	Soil	--	45	--	--	0.1	76	18	135	13	<2	<3	<1	<10	7	<0.5	33
L043	Soil	--	<2	--	--	0.2	43	<2	74	9	<2	<3	<1	<10	8	<0.5	24
L044	Soil	--	<2	--	--	0.2	64	4	75	25	<2	<3	<1	<10	25	<0.5	23
L045	Soil	--	8	--	--	0.2	36	3	49	12	<2	<3	<1	<10	14	<0.5	12
L046	Soil	--	10	--	--	0.1	35	<2	95	9	<2	<3	<1	<10	11	<0.5	17
L047	Soil	--	37	--	--	0.2	40	2	82	7	<2	<3	<1	<10	9	<0.5	27
L048	Soil	--	91	--	--	0.2	30	6	57	5	<2	<3	<1	<10	11	<0.5	16
L049	Soil	--	125	--	--	0.2	55	<2	78	6	<2	<3	<1	<10	18	<0.5	23
L050	Soil	--	22	--	--	0.5	23	9	62	<5	<2	<3	<1	<10	19	<0.5	11
L051	Soil	--	277	--	--	0.2	47	10	82	7	<2	<3	<1	<10	6	<0.5	23
L052	Soil	--	20	--	--	0.2	25	9	95	7	<2	<3	<1	<10	12	<0.5	13
L053	Soil	--	404	--	--	0.1	20	5	59	<5	<2	<3	<1	<10	<2	<0.5	5
L054	Soil	--	202	--	--	0.2	20	13	59	<5	<2	<3	<1	<10	5	<0.5	10
L055	Soil	--	19	--	--	0.6	118	25	80	53	<2	<3	1	<10	17	<0.5	14
L056	Soil	--	35	--	--	1.3	63	4	145	9	<2	<3	<1	<10	8	<0.5	19
L057	Soil	--	42	--	--	0.6	58	5	126	7	<2	<3	<1	<10	9	<0.5	25
L058	Soil	--	44	--	--	0.9	86	<2	191	9	<2	<3	<1	<10	9	<0.5	21
L059	Soil	--	37	--	--	0.6	62	5	142	7	<2	<3	<1	<10	10	<0.5	25
L060	Soil	--	44	--	--	1.4	71	13	116	<5	<2	<3	<1	<10	18	<0.5	26
L060A	Soil	--	54	--	--	1.7	71	11	111	7	<2	<3	<1	<10	19	<0.5	22
L061	Soil	--	18	--	--	0.4	121	8	240	66	4	<3	<1	<10	21	<0.5	25
L062	Soil	--	100	--	--	2.1	25	15	78	<5	<2	<3	<1	<10	6	<0.5	17
L063	Soil	--	11	--	--	0.1	212	47	977	52	<2	6	1	<10	15	<0.5	28
L065	Soil	--	29	--	--	0.1	259	<2	52	7	<2	<3	1	<10	14	<0.5	6
L066	Soil	--	23	--	--	<0.1	107	<2	36	9	<2	<3	3	<10	25	<0.5	4
L067	Soil	--	146	--	--	<0.1	81	<2	30	9	<2	<3	<1	<10	38	<0.5	7
L068	Soil	--	19	--	--	0.1	42	3	50	5	<2	<3	<1	<10	18	<0.5	7
L069	Soil	--	22	--	--	<0.1	11	<2	138	<5	<2	<3	<1	<10	33	<0.5	10
L070	Soil	--	15	--	--	<0.1	98	6	78	29	<2	<3	<1	<10	11	<0.5	8
L071	Soil	--	20	--	--	<0.1	143	13	62	38	<2	<3	<1	<10	9	<0.5	9
L072	Soil	--	30	--	--	0.2	4	3	4	<5	<2	<3	<1	<10	<2	<0.5	1
L073	Soil	--	43	--	--	<0.1	27	<2	44	<5	<2	<3	<1	<10	19	<0.5	5
L074	Soil	--	39	--	--	<0.1	26	8	45	10	<2	<3	<1	<10	9	<0.5	6
L075	Rock	0.9	52	--	--	0.7	25	48	89	14	<2	<3	<1	<10	12	<0.5	1
L076	Soil	--	145	--	--	<0.1	9	3	10	<5	<2	<3	1	<10	6	<0.5	<1
L077	Soil	--	45	--	--	<0.1	7	3	52	<5	<2	<3	2	<10	17	<0.5	5
L078	Soil	--	26	--	--	0.1	<1	2	50	35	<2	<3	<1	<10	11	<0.5	1
L079	Soil	--	38	--	--	0.1	1	4	30	27	<2	<3	3	<10	25	<0.5	<1
L080	Soil	--	41	--	--	<0.1	4	4	54	8	<2	<3	<1	<10	12	<0.5	4

L080A	Soil	--	48	--	--	<0.1	5	3	49	9	<2	<3	<1	<10	13	<0.5	4
L081	Soil	--	229	--	--	0.1	37	<2	69	16	<2	<3	<1	<10	33	<0.5	8
L082	Soil	--	41	--	--	0.2	45	3	166	9	<2	<3	<1	<10	8	<0.5	19
L083	Soil	--	68	--	--	0.4	242	<2	242	32	11	<3	<1	<10	22	<0.5	17
L084	Soil	--	30	--	--	<0.1	20	<2	45	<5	<2	<3	<1	<10	16	<0.5	8
L085	Soil	--	<2	--	--	0.1	51	<2	248	20	<2	<3	<1	<10	16	<0.5	21
L086	Soil	--	<2	--	--	0.2	5	14	121	<5	<2	<3	<1	<10	5	<0.5	18
L087	Soil	--	<2	--	--	0.3	39	4	104	<5	<2	<3	<1	<10	12	<0.5	43
L088	Soil	--	37	--	--	0.3	13	<2	109	<5	<2	<3	<1	<10	17	<0.5	14
L089	Soil	--	<2	--	--	0.2	24	6	105	<5	<2	<3	<1	<10	7	<0.5	15
L090	Soil	--	<2	--	--	0.4	48	3	114	14	<2	<3	<1	<10	10	<0.5	12
L091	Soil	--	<2	--	--	0.3	22	9	74	<5	<2	<3	<1	<10	14	<0.5	9
L092	Soil	--	<2	--	--	0.3	7	5	26	<5	<2	<3	<1	<10	6	<0.5	4
L093	Soil	--	8	--	--	0.4	23	4	71	<5	<2	<3	<1	<10	10	<0.5	14
L094	Soil	--	<2	--	--	0.3	33	<2	115	<5	<2	<3	<1	<10	19	<0.5	8
L095	Soil	--	8	--	--	<0.1	54	8	147	<5	<2	<3	<1	<10	6	<0.5	12
L096	Soil	--	81	--	--	0.2	24	3	187	<5	<2	<3	<1	<10	14	<0.5	9
L097	Soil	--	69	--	--	0.7	345	3	196	13	<2	<3	<1	<10	8	<0.5	36
L098	Soil	--	10	--	--	<0.1	28	3	198	17	<2	<3	<1	<10	11	<0.5	12
L099	Soil	--	<2	--	--	0.3	11	8	46	7	<2	<3	<1	<10	6	<0.5	3
L100	Soil	--	<2	--	--	0.3	20	7	89	7	<2	<3	<1	<10	18	<0.5	7
L100A	Soil	--	<2	--	--	0.4	20	6	89	8	<2	<3	<1	<10	18	<0.5	7
L101	Soil	--	<2	--	--	0.3	53	<2	172	6	<2	<3	<1	<10	10	<0.5	18
L102	Soil	--	<2	--	--	0.2	35	<2	152	17	<2	<3	<1	<10	14	<0.5	15
L103	Soil	--	8	--	--	<0.1	25	<2	75	<5	<2	<3	<1	<10	8	<0.5	14
L104	Soil	--	67	--	--	0.1	40	14	161	21	<2	<3	<1	<10	7	<0.5	26
L105	Soil	--	11	--	--	0.2	35	9	68	12	<2	<3	<1	<10	16	<0.5	6
L106	Soil	--	76	--	--	0.1	108	<2	108	<5	<2	<3	<1	<10	9	<0.5	48
L107	Soil	--	61	--	--	0.1	56	<2	98	6	<2	<3	<1	<10	11	<0.5	27
L108	Soil	--	43	--	--	<0.1	53	<2	119	7	<2	<3	<1	<10	15	<0.5	29
L109	Soil	--	15	--	--	0.3	47	<2	78	16	<2	<3	<1	<10	16	<0.5	15
L110	Soil	--	27	--	--	0.1	72	<2	82	14	<2	<3	<1	<10	9	<0.5	30
L111	Soil	--	39	--	--	0.2	60	<2	138	12	<2	<3	<1	<10	7	<0.5	26
L112	Soil	--	947	--	--	0.1	49	<2	126	7	<2	<3	<1	<10	4	<0.5	23
L113	Soil	--	469	--	--	0.1	43	<2	105	7	<2	<3	<1	<10	4	<0.5	22
L114	Soil	--	73	--	--	0.3	38	<2	94	8	<2	<3	<1	<10	7	<0.5	19
L115	Soil	--	324	--	--	0.2	37	<2	94	7	<2	<3	<1	<10	9	<0.5	17
L116	Soil	--	56	--	--	0.4	53	<2	125	10	<2	<3	<1	<10	12	<0.5	26
L117	Soil	--	31	--	--	0.1	56	<2	130	7	<2	<3	<1	<10	10	<0.5	19
L118	Soil	--	60	--	--	<0.1	67	<2	98	23	<2	<3	<1	<10	12	<0.5	34
L119	Soil	--	111	--	--	<0.1	86	<2	111	12	<2	<3	<1	<10	16	<0.5	40
L120	Soil	--	52	--	--	<0.1	35	<2	156	5	<2	<3	<1	<10	6	<0.5	27
L120A	Soil	--	54	--	--	<0.1	41	2	162	6	<2	<3	<1	<10	7	<0.5	25
L121	Soil	--	59	--	--	<0.1	17	3	63	<5	<2	<3	<1	<10	14	<0.5	8
L122	Soil	--	51	--	--	0.2	41	5	138	11	<2	<3	<1	<10	9	<0.5	16
L123	Rock	0.4	35	--	--	0.3	15	32	120	<5	<2	<3	<1	<10	7	<0.5	7
L124	Soil	--	19	--	--	<0.1	<1	10	27	<5	<2	<3	<1	<10	<2	<0.5	1
L125	Soil	--	35	--	--	0.4	21	6	67	5	<2	<3	<1	<10	15	<0.5	7
L126	Soil	--	16	--	--	0.1	23	5	68	8	<2	<3	<1	<10	9	<0.5	8
L127	Soil	--	76	--	--	0.2	20	5	44	<5	<2	<3	<1	<10	8	<0.5	5
L128	Soil	--	<2	--	--	0.2	67	<2	106	13	<2	<3	<1	<10	20	<0.5	9
L129	Soil	--	53	--	--	0.3	38	2	77	11	<2	<3	<1	<10	20	<0.5	6
L131	Soil	--	45	--	--	<0.1	8	3	48	<5	<2	<3	<1	<10	<2	<0.5	20
L132	Soil	--	23	--	--	0.1	38	<2	94	<5	<2	<3	<1	<10	3	<0.5	27
L133	Soil	--	<2	--	--	<0.1	22	5	90	<5	<2	<3	<1	<10	4	<0.5	19
L134	Soil	--	<2	--	--	<0.1	8	4	14	<5	<2	<3	<1	<10	<2	<0.5	8
L135	Soil	--	<2	--	--	0.3	15	3	37	<5	<2	<3	<1	<10	6	<0.5	4
L136	Soil	--	<2	--	--	0.2	190	13	237	79	<2	<3	8	<10	11	<0.5	60
L137	Soil	--	20	--	--	0.1	38	4	69	5	<2	<3	1	<10	2	<0.5	8
L138	Soil	--	20	--	--	<0.1	23	9	197	<5	<2	<3	<1	<10	41	<0.5	17
L139	Rock	0.5	24	--	--	0.5	56	3	151	<5	<2	<3	<1	<10	8	<0.5	27
L140	Soil	--	<2	--	--	0.2	19	7	57	6	<2	<3	<1	<10	4	<0.5	6
L140A	Soil	--	<2	--	--	0.1	24	14	119	61	<2	<3	<1	<10	6	<0.5	6
L141	Soil	--	<2	--	--	0.3	48	68	374	69	<2	<3	2	<10	9	<0.5	15
L142	Soil	--	92	--	--	<0.1	55	<2	39	5	<2	<3	<1	<10	2	<0.5	4
G001	Soil	--	87	--	--	0.3	31	40	135	23	<2	<3	<1	<10	4	<0.5	8
G002	Soil	--	<2	--	--	0.1	19	47	139	46	<2	<3	<1	<10	4	<0.5	15

G003	Soil	--	29	--	--	<0.1	12	11	169	<5	<2	<3	<1	<10	<2	<0.5	5
G004	Soil	--	<2	--	--	<0.1	3	13	58	<5	<2	<3	<1	<10	3	<0.5	2
G005	Soil	--	<2	--	--	0.1	46	<2	47	<5	<2	<3	2	<10	13	<0.5	18
G006	Soil	--	24	--	--	<0.1	20	<2	34	<5	<2	<3	2	<10	11	<0.5	6
G007	Soil	--	8	--	--	<0.1	24	<2	38	<5	<2	<3	2	<10	15	<0.5	46
G008	Soil	--	<2	--	--	0.2	16	6	33	6	<2	<3	14	<10	17	<0.5	17
G009	Soil	--	11	--	--	<0.1	25	<2	39	<5	<2	<3	2	<10	14	<0.5	6
G010	Soil	--	11	--	--	<0.1	17	<2	40	<5	<2	<3	2	<10	8	<0.5	12
G011	Soil	--	<2	--	--	<0.1	25	<2	43	5	<2	<3	2	<10	11	<0.5	9
G012	Soil	--	<2	--	--	<0.1	28	<2	27	<5	<2	<3	1	<10	25	<0.5	4
G013	Soil	--	5	--	--	<0.1	16	<2	24	<5	<2	<3	<1	<10	17	<0.5	4
G014	Soil	--	5	--	--	<0.1	24	<2	27	<5	<2	<3	2	<10	17	<0.5	4
G015	Soil	--	4	--	--	<0.1	22	2	24	<5	<2	<3	2	<10	13	<0.5	4
G016	Soil	--	83	--	--	0.2	40	<2	30	<5	<2	<3	<1	<10	13	<0.5	6
G017	Soil	--	8	--	--	<0.1	70	<2	49	<5	<2	<3	<1	<10	9	<0.5	13
G018	Soil	--	15	--	--	<0.1	40	<2	36	<5	<2	<3	<1	<10	6	<0.5	7
G019	Soil	--	7	--	--	0.1	42	<2	26	<5	<2	<3	5	<10	20	<0.5	3
G020	Soil	--	26	--	--	<0.1	30	<2	39	<5	<2	<3	<1	<10	7	<0.5	9
G020A	Soil	--	<2	--	--	<0.1	28	<2	38	<5	<2	<3	<1	<10	10	<0.5	9
G021	Soil	--	7	--	--	<0.1	132	<2	77	13	<2	<3	5	<10	20	<0.5	19
G022	Soil	--	15	--	--	<0.1	81	2	58	9	<2	<3	<1	<10	22	<0.5	17
G023	Soil	--	20	--	--	<0.1	47	<2	41	5	<2	<3	<1	<10	21	<0.5	6
G024	Soil	--	7	--	--	<0.1	82	<2	53	6	<2	<3	1	<10	16	<0.5	12
G025	Soil	--	26	--	--	<0.1	69	<2	42	<5	<2	<3	<1	<10	18	<0.5	5
G026	Soil	--	10	--	--	<0.1	62	<2	65	5	<2	<3	1	<10	15	<0.5	11
G027	Soil	--	<2	--	--	<0.1	15	<2	25	<5	<2	<3	<1	<10	14	<0.5	3
G028	Soil	--	10	--	--	<0.1	61	<2	49	<5	<2	<3	<1	<10	10	<0.5	8
G029	Soil	--	3	--	--	0.1	118	<2	130	<5	<2	<3	<1	<10	8	<0.5	20
G030	Soil	--	4	--	--	<0.1	54	<2	66	<5	<2	<3	<1	<10	23	<0.5	7
G031	Soil	--	8	--	--	0.2	66	<2	101	<5	<2	<3	<1	<10	17	<0.5	11
G032	Soil	--	10	--	--	0.7	52	4	150	<5	<2	<3	<1	<10	21	<0.5	17
G033	Soil	--	19	--	--	0.3	116	19	167	11	<2	<3	<1	<10	6	<0.5	34
G034	Soil	--	4	--	--	0.1	49	8	122	<5	<2	<3	<1	<10	16	<0.5	19
G035	Soil	--	7	--	--	0.4	77	34	160	7	<2	<3	<1	<10	12	<0.5	19
G036	Soil	--	4	--	--	0.3	7	<2	33	<5	<2	<3	<1	<10	6	<0.5	11
G037	Soil	--	12	--	--	0.1	<1	<2	31	8	<2	<3	2	<10	21	<0.5	13
G038	Soil	--	<2	--	--	<0.1	<1	2	20	7	<2	<3	<1	<10	<2	<0.5	8
G039	Soil	--	14	--	--	0.1	13	8	22	<5	<2	<3	<1	<10	4	<0.5	8
G040	Soil	--	14	--	--	0.1	55	<2	29	<5	<2	<3	2	<10	14	<0.5	9
G040A	Soil	--	12	--	--	0.1	55	<2	28	<5	<2	<3	2	<10	14	<0.5	10
G041	Soil	--	15	--	--	<0.1	18	<2	30	<5	<2	<3	3	<10	15	<0.5	4
G042	Soil	--	22	--	--	0.1	17	<2	32	<5	<2	<3	2	<10	16	<0.5	3
G043	Soil	--	8	--	--	0.2	56	<2	37	<5	<2	<3	<1	<10	32	<0.5	11
G044	Soil	--	3	--	--	<0.1	24	<2	46	<5	<2	<3	<1	<10	14	<0.5	8
G045	Soil	--	10	--	--	0.2	16	3	34	<5	<2	<3	2	<10	8	<0.5	7
G046	Soil	--	15	--	--	0.2	11	3	43	<5	<2	<3	<1	<10	10	<0.5	8
G047	Soil	--	<2	--	--	<0.1	33	<2	64	<5	<2	<3	<1	<10	9	<0.5	9
G048	Soil	--	26	--	--	<0.1	5	<2	26	<5	<2	<3	<1	<10	14	<0.5	4
G049	Soil	--	<2	--	--	<0.1	6	<2	33	<5	<2	<3	1	<10	11	<0.5	4
G050	Soil	--	4	--	--	<0.1	27	<2	36	<5	<2	<3	<1	<10	12	<0.5	7
G051	Soil	--	4	--	--	<0.1	37	<2	35	<5	<2	<3	<1	<10	11	<0.5	5
P001	Soil	--	28	--	--	0.2	5	3	16	<5	<2	<3	<1	<10	<2	<0.5	<1
P002	Soil	--	<2	--	--	<0.1	14	<2	35	<5	<2	<3	<1	<10	10	<0.5	8
P003	Soil	--	57	--	--	0.2	10	<2	32	<5	<2	<3	<1	<10	16	<0.5	6
P004	Soil	--	4	--	--	0.2	33	<2	60	<5	<2	<3	<1	<10	13	<0.5	7
P005	Soil	--	12	--	--	0.1	21	2	38	<5	<2	<3	<1	<10	21	<0.5	6
P006	Soil	--	24	--	--	0.1	20	<2	71	<5	<2	<3	<1	<10	5	<0.5	19
CK001	Soil	--	8	--	--	0.2	39	4	188	6	<2	<3	1	<10	18	<0.5	21
CK002	Soil	--	<2	--	--	0.1	28	<2	65	<5	<2	<3	2	<10	18	<0.5	12
CK003	Soil	--	<2	--	--	<0.1	33	<2	56	<5	<2	<3	<1	<10	6	<0.5	16
CK004	Soil	--	<2	--	--	<0.1	18	<2	51	<5	<2	<3	<1	<10	3	<0.5	11
CK004A	Soil	--	<2	--	--	<0.1	18	<2	47	<5	<2	<3	<1	<10	5	<0.5	10
CK005	Soil	--	<2	--	--	0.1	21	<2	57	<5	<2	<3	<1	<10	6	<0.5	11
CK006	Soil	--	<2	--	--	<0.1	26	<2	58	<5	<2	<3	<1	<10	4	<0.5	13
CK007	Soil	--	<2	--	--	0.3	72	5	91	11	<2	<3	3	<10	16	<0.5	13
CK008	Soil	--	<2	--	--	0.1	32	10	44	7	<2	<3	3	<10	14	<0.5	5
CK009	Soil	--	<2	--	--	<0.1	40	<2	48	<5	<2	<3	<1	<10	17	<0.5	11

CK009A	Soil	--	<2	--	--	<0.1	37	<2	47	<5	<2	<3	<1	<10	16	<0.5	11
CK010	Soil	--	5	--	--	0.2	199	16	252	80	<2	<3	9	<10	18	<0.5	62
CK011	Soil	--	273	--	--	<0.1	42	5	74	7	<2	<3	1	<10	4	<0.5	9
Silt CKS 001	Soil	--	20	--	--	<0.1	25	9	211	<5	<2	<3	<1	<10	62	<0.5	18
Silt CKS Lime 012	Soil	--	90	--	--	0.1	62	2	164	<5	<2	<3	<1	<10	10	<0.5	28
DPN00S	Soil	--	3	--	--	0.2	20	8	60	6	<2	<3	<1	<10	6	<0.5	6
DPN20S	Soil	--	<2	--	--	0.1	26	18	129	65	<2	<3	<1	<10	7	<0.5	7
DPN40S	Soil	--	10	--	--	0.2	54	73	407	74	<2	<3	3	<10	13	<0.5	16
DPN60S	Soil	--	8	--	--	<0.1	31	7	80	7	<2	<3	<1	<10	2	<0.5	7
DPN80S	Soil	--	20	--	--	0.3	33	41	160	28	<2	<3	<1	<10	5	<0.5	10
DPN100S	Soil	--	12	--	--	0.4	22	55	163	53	<2	<3	<1	<10	7	<0.5	18
DPN120S	Soil	--	10	--	--	0.3	15	14	212	5	<2	<3	<1	<10	3	<0.5	6
DPN140S	Soil	--	24	--	--	0.1	3	15	67	<5	<2	<3	<1	<10	2	<0.5	2
DPN160S	Soil	--	11	--	--	0.1	12	4	257	7	<2	<3	<1	<10	6	<0.5	4
DPN180S	Soil	--	10	--	--	0.2	17	10	72	8	<2	<3	<1	<10	9	<0.5	9
DPN200S	Soil	--	<2	--	--	0.2	20	21	63	12	<2	<3	<1	<10	3	<0.5	7
DPN200SA	Soil	--	<2	--	--	0.2	20	21	67	11	<2	<3	<1	<10	6	<0.5	7
DPN220S	Soil	--	394	--	--	0.3	15	16	89	6	<2	<3	<1	<10	7	<0.5	6
DPN240S	Soil	--	18	--	--	0.4	34	20	77	15	<2	<3	<1	<10	9	<0.5	8
DPN260S	Soil	--	8	--	--	0.3	31	46	89	19	<2	<3	<1	<10	8	<0.5	8
DPN280S	Soil	--	11	--	--	0.4	26	33	86	11	<2	<3	<1	<10	6	<0.5	6
DPN300S	Soil	--	5	--	--	0.1	32	40	797	14	<2	<3	<1	<10	3	<0.5	10
DPN300SA	Soil	--	27	--	--	0.3	38	45	786	12	<2	<3	<1	<10	4	<0.5	11
RE 51560	Repeat	--	9	--	--	0.1	260	<2	89	<5	<2	<3	<1	<10	9	<0.5	38
RE 51579	Repeat	--	5	--	--	0.1	9	3	12	<5	2	<3	4	<10	2	<0.5	3
RE L011	Repeat	--	<2	--	--	0.3	220	7	120	<5	<2	<3	<1	<10	<2	<0.5	26
RE L029	Repeat	--	12	--	--	0.7	110	6	128	20	<2	<3	<1	<10	20	<0.5	24
RE L048	Repeat	--	95	--	--	0.2	29	6	55	<5	<2	<3	<1	<10	8	<0.5	15
RE L067	Repeat	--	159	--	--	0.2	77	<2	30	9	<2	<3	<1	<10	38	<0.5	7
RE L086	Repeat	--	<2	--	--	0.2	5	14	120	<5	<2	<3	<1	<10	5	<0.5	17
RE L104	Repeat	--	80	--	--	0.2	39	13	160	20	<2	<3	<1	<10	8	<0.5	25
RE L123	Repeat	--	31	--	--	0.3	14	30	119	<5	<2	<3	<1	<10	6	<0.5	7
RE L142	Repeat	--	95	--	--	<0.1	55	<2	37	<5	<2	<3	<1	<10	9	<0.5	4
RE G020	Repeat	--	22	--	--	<0.1	30	<2	35	<5	<2	<3	<1	<10	8	<0.5	9
RE G038	Repeat	--	<2	--	--	<0.1	<1	<2	19	7	<2	<3	<1	<10	3	<0.5	8
RE P006	Repeat	--	29	--	--	<0.1	20	<2	69	<5	<2	<3	<1	<10	8	<0.5	17
RE DPN60S	Repeat	--	7	--	--	0.1	29	7	79	7	<2	<3	<1	<10	2	<0.5	7
Blank iPL	Blk iPL	--	<2	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OXI67	Std iPL	--	1814	--	--	--	--	--	--	--	--	--	--	--	--	--	--
OXI67 REF	Std iPL	--	1817	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Minimum detection		0.1	2	0.07	0.3	0.1	1	2	2	5	2	3	1	10	2	0.5	1
Maximum detection		9999	10000	5000	9999	100	10000	10000	10000	10000	10000	10000	10000	10000	10000	1000	10000
Method		Spec	FA/AAS	FAGrav	FAGrav	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

** Values highlighted (in yellow) are over the high detection limit for the corresponding methods. Other testing methods would be suggested. Please call for details.*

Ni	Ba	W	Cr	V	Mn	La	Sr	Zr	Sc	Ti	Al	Ca	Fe	Mg	K	Na	P
ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%	%
30	100	<10	24	330	1466	281	37	9	7	0.32	2.99	0.88	8.60	2.87	0.03	0.04	0.09
58	72	<10	80	323	444	315	4	<2	11	0.01	3.65	0.27	6.97	3.23	<0.01	0.03	0.12
14	42	<10	38	86	225	82	44	<2	6	0.01	1.74	1.16	3.44	0.79	0.42	0.02	0.08
16	15	<10	42	102	699	119	21	2	2	0.13	2.11	0.39	6.60	1.35	<0.01	0.05	0.08
13	15	<10	53	104	742	145	2	<2	4	0.04	2.31	0.15	11.01	1.54	0.03	0.04	0.05
3	43	<10	20	40	415	72	2	<2	2	0.01	1.75	0.20	6.20	0.72	0.17	0.04	0.08
24	28	<10	33	311	2199	318	18	6	9	0.19	3.42	1.89	9.58	3.09	0.03	0.08	0.14
28	24	<10	22	211	1950	232	24	<2	15	<0.01	2.78	1.52	9.61	2.22	0.10	0.03	0.14
21	46	<10	24	249	1957	222	15	5	<1	0.23	2.08	0.81	6.03	2.11	0.07	0.08	0.15
25	14	<10	38	328	2337	334	4	7	3	0.32	3.72	0.54	12.35	3.26	<0.01	0.03	0.14
13	13	<10	32	187	1381	195	3	<2	4	0.15	2.89	0.42	8.62	1.86	0.01	0.05	0.14
3	34	<10	30	24	295	33	2	2	2	0.02	0.71	0.15	3.35	0.28	0.13	0.03	0.07
3	72	<10	21	51	588	86	3	<2	4	0.01	1.95	0.16	5.55	0.78	0.16	0.03	0.09
2	29	<10	35	34	532	66	2	<2	3	0.01	1.52	0.06	5.20	0.65	0.08	0.06	0.06
78	44	<10	110	299	2005	295	31	8	4	0.50	3.31	2.91	7.06	2.93	0.04	0.13	0.10
22	94	<10	34	96	909	116	19	<2	5	<0.01	1.88	4.48	3.21	1.17	0.26	0.02	0.05
6	17	<10	37	40	700	78	17	<2	4	0.01	0.80	0.96	6.44	0.70	0.09	0.07	0.07
2	14	<10	19	70	723	111	3	4	1	0.20	1.68	0.36	4.13	1.07	0.02	0.08	0.09
31	14	<10	94	83	854	71	12	<2	2	0.03	1.34	0.12	15.44	0.51	0.13	0.01	0.03
4	17	<10	160	2	37	<2	<1	<2	<1	<0.01	0.04	0.01	0.46	0.01	0.01	0.01	<0.01
4	256	<10	30	36	1269	85	65	<2	2	<0.01	0.46	2.96	3.94	0.82	0.39	0.01	0.03
11	90	<10	66	48	1877	57	5	3	4	0.01	1.25	0.28	4.32	0.46	0.16	0.04	0.03
11	97	<10	62	48	1999	61	5	3	3	0.01	1.35	0.29	4.55	0.52	0.17	0.04	0.03
1	<10	<10	45	3	17	<2	11	<2	<1	<0.01	0.54	<0.01	0.12	<0.01	0.01	<0.01	<0.01
3	82	<10	63	7	492	27	2	3	2	0.02	0.56	0.02	3.96	0.06	0.30	0.01	0.02
46	103	<10	77	242	4613	277	9	<2	9	0.07	2.81	0.89	7.66	2.34	0.08	0.03	0.10
5	10	448	15	29	3444	23	50	2	2	0.04	0.27	21.05	1.21	0.13	0.03	0.01	0.01
10	15	<10	29	125	1209	146	4	<2	7	0.04	2.31	0.44	7.11	1.37	0.02	0.06	0.11
2	56	<10	47	24	697	49	3	2	2	0.02	1.16	0.73	3.71	0.41	0.16	0.01	0.02
3	73	<10	40	17	690	36	3	3	2	0.01	0.98	0.19	4.38	0.30	0.20	0.01	0.03
9	25	<10	38	297	290	63	3	<2	2	0.03	2.52	0.03	9.37	0.60	0.04	0.01	0.02
9	57	<10	15	165	853	68	4	<2	1	0.07	4.00	0.09	18.95	0.38	0.05	0.01	0.05
131	285	<10	36	238	8993	114	14	<2	28	<0.01	0.92	0.39	29.47	0.34	0.10	0.01	0.10
10	420	<10	15	76	5138	87	7	<2	6	0.03	1.85	0.20	6.13	0.39	0.11	0.01	0.05
4	42	<10	6	39	379	27	1	<2	1	<0.01	1.18	0.01	7.61	0.04	0.13	0.01	0.04
12	133	<10	33	149	3267	53	8	<2	2	0.02	3.17	0.22	6.20	0.46	0.06	0.02	0.05
25	152	<10	76	268	9903	120	29	<2	11	0.22	5.78	0.67	10.14	1.27	0.09	0.03	0.10
35	108	<10	54	309	4934	238	47	5	5	0.34	4.85	2.22	10.36	2.65	0.03	0.02	0.07
31	52	<10	62	274	3949	162	58	4	<1	0.37	5.06	2.27	8.11	1.75	0.07	0.03	0.06
39	70	<10	51	220	3510	183	98	5	<1	0.31	6.21	4.20	5.21	2.07	0.10	0.04	0.06
57	331	<10	67	342	15257	291	28	2	12	0.25	5.69	1.44	8.72	3.23	0.07	0.02	0.11
48	174	<10	68	265	7118	160	23	<2	13	0.07	4.96	0.54	9.28	1.81	0.07	0.02	0.14
20	174	<10	39	229	9641	108	11	<2	12	0.03	4.82	0.27	9.32	1.05	0.06	0.01	0.19
35	157	<10	53	269	7314	208	33	2	9	0.25	4.19	0.93	8.08	2.39	0.06	0.02	0.11

38	81	<10	61	239	5789	167	28	<2	6	0.25	4.05	0.73	8.22	2.09	0.05	0.02	0.10
17	52	<10	39	238	8499	86	13	<2	3	0.09	3.59	0.30	10.55	1.21	0.04	0.02	0.16
63	154	<10	104	300	5626	240	56	3	14	0.29	5.01	1.51	7.44	2.54	0.10	0.04	0.09
26	113	<10	60	226	5523	141	17	<2	10	0.09	4.65	0.47	7.40	1.71	0.07	0.02	0.10
7	39	<10	66	209	600	32	5	<2	6	0.03	5.36	0.04	10.73	0.19	0.02	0.01	0.07
7	41	<10	73	226	621	36	6	<2	7	0.04	6.08	0.04	13.00	0.20	0.02	0.01	0.09
21	150	<10	46	230	6084	145	89	2	8	0.20	5.93	3.04	6.13	1.68	0.18	0.05	0.08
20	166	<10	54	249	5988	143	77	3	7	0.30	5.76	2.58	6.95	1.79	0.16	0.04	0.08
22	212	<10	51	194	5453	167	24	<2	8	0.11	3.03	1.08	4.91	1.57	0.11	0.02	0.07
29	361	<10	43	162	6501	129	38	<2	7	0.13	3.57	1.68	6.38	1.47	0.15	0.03	0.08
17	114	<10	39	122	4772	64	7	<2	5	0.03	4.09	0.20	7.76	0.61	0.08	0.01	0.07
11	67	<10	55	149	1409	31	3	3	5	0.02	8.14	0.04	9.06	0.10	0.03	0.01	0.08
29	102	<10	96	202	3534	54	5	<2	10	0.05	5.47	0.10	8.17	0.47	0.07	0.01	0.09
14	46	<10	76	252	6130	41	4	<2	8	0.13	6.26	0.07	11.70	0.37	0.03	0.02	0.11
17	120	<10	65	219	11015	43	3	<2	9	0.05	4.91	0.07	8.61	0.28	0.04	0.01	0.12
35	173	<10	58	248	6675	154	41	5	13	0.24	5.66	1.27	6.25	1.69	0.12	0.04	0.08
30	68	<10	100	227	8134	69	6	<2	12	0.14	6.65	0.11	10.34	0.77	0.04	0.01	0.09
21	42	<10	93	237	3335	60	8	4	7	0.35	7.25	0.14	9.91	0.71	0.04	0.02	0.08
14	51	<10	78	283	2236	39	8	2	2	0.35	3.21	0.13	10.23	0.34	0.03	0.02	0.04
17	53	<10	72	229	3967	50	7	<2	5	0.16	4.94	0.13	10.38	0.49	0.05	0.01	0.07
19	37	<10	63	170	2138	57	9	<2	1	0.16	3.91	0.18	6.61	0.65	0.06	0.02	0.06
23	35	<10	102	217	2433	90	10	13	8	0.53	7.22	0.63	8.06	1.00	0.02	0.02	0.07
58	113	<10	111	229	5130	113	25	<2	10	0.17	5.92	0.68	8.50	1.45	0.07	0.03	0.08
39	51	<10	180	314	1968	65	11	9	5	0.47	6.58	0.14	11.45	0.64	0.02	0.02	0.09
50	36	<10	125	228	1463	109	8	11	8	0.31	6.32	0.19	7.45	1.24	0.03	0.02	0.06
78	117	<10	116	261	4261	203	39	3	11	0.21	5.23	1.79	7.13	2.15	0.09	0.02	0.08
78	124	<10	116	261	4629	205	39	3	11	0.23	5.70	1.92	7.75	2.33	0.09	0.02	0.09
43	79	<10	67	208	4578	131	18	3	8	0.21	4.92	0.58	7.07	1.79	0.10	0.02	0.09
49	89	<10	88	282	2544	213	31	7	8	0.37	5.71	2.09	8.64	2.51	0.06	0.02	0.08
20	32	<10	82	238	2591	67	11	6	2	0.37	6.46	0.35	10.85	0.80	0.02	0.02	0.08
20	27	<10	71	205	1435	43	4	<2	8	0.01	3.58	0.09	10.80	0.39	0.04	0.01	0.11
18	76	<10	38	125	3095	38	16	<2	3	0.01	2.32	0.43	6.67	0.41	0.05	0.02	0.08
25	31	<10	82	216	1599	77	7	3	3	0.20	3.70	0.25	7.58	0.91	0.03	0.01	0.06
25	33	<10	86	227	4853	82	9	4	<1	0.27	4.35	0.24	8.30	1.00	0.04	0.03	0.09
18	28	<10	70	206	944	54	10	3	<1	0.20	2.80	0.20	6.52	0.56	0.04	0.02	0.05
24	33	<10	64	178	2849	75	9	<2	3	0.06	4.35	0.25	6.94	0.90	0.03	0.02	0.09
18	32	<10	81	214	869	58	7	3	<1	0.23	3.17	0.18	8.21	0.55	0.03	0.02	0.06
27	122	<10	42	163	4858	138	52	4	2	0.23	3.71	2.30	4.97	1.63	0.09	0.06	0.09
24	37	<10	70	212	2257	75	10	<2	<1	0.15	3.83	0.19	6.71	0.78	0.04	0.02	0.06
7	37	<10	10	36	3299	26	28	<2	<1	0.02	0.62	0.80	0.87	0.36	0.06	0.06	0.12
13	30	<10	59	239	1396	23	8	2	<1	0.32	1.18	0.16	6.53	0.19	0.03	0.02	0.03
12	58	<10	58	173	2041	38	4	<2	4	0.06	5.74	0.06	8.81	0.26	0.04	0.02	0.07
24	40	<10	77	204	1943	73	8	4	4	0.25	5.29	0.14	7.75	0.87	0.03	0.02	0.06
19	33	<10	98	238	4732	58	9	4	5	0.29	5.17	0.16	8.62	0.60	0.02	0.02	0.07
32	36	<10	81	204	2497	96	9	5	6	0.23	6.50	0.17	6.84	1.14	0.03	0.02	0.09
21	35	<10	92	235	5521	66	7	2	4	0.27	4.91	0.13	8.89	0.77	0.04	0.02	0.09
21	37	<10	115	240	4636	40	4	<2	6	0.05	4.59	0.06	9.68	0.34	0.04	0.02	0.08
21	38	<10	112	245	4688	40	5	<2	6	0.05	4.88	0.06	11.15	0.36	0.04	0.02	0.09
22	47	<10	68	164	4453	31	4	<2	14	<0.01	3.43	0.06	9.18	0.23	0.09	0.01	0.13
19	36	<10	67	210	5309	42	13	<2	<1	0.28	2.36	0.22	7.36	0.49	0.04	0.02	0.10
34	394	<10	19	48	12281	28	2	<2	11	<0.01	2.84	0.02	6.33	0.06	0.15	0.01	0.06
9	35	<10	44	151	670	41	4	<2	5	0.12	7.37	0.06	9.25	0.29	0.03	0.02	0.07
10	45	<10	31	112	523	51	2	<2	3	0.02	3.94	0.04	10.79	0.34	0.07	0.01	0.09
7	32	<10	61	111	1300	47	1	4	6	0.04	8.03	0.02	22.65	0.07	0.02	0.01	0.10
10	41	<10	52	202	743	40	3	<2	3	0.15	4.84	0.08	12.06	0.32	0.03	0.02	0.05
15	25	<10	14	66	483	33	<1	<2	7	<0.01	1.78	0.01	14.38	0.07	0.19	0.01	0.07
11	110	<10	20	73	2871	107	6	<2	4	0.04	2.32	0.19	6.34	0.65	0.13	0.02	0.05
19	123	<10	26	90	2803	108	14	<2	4	0.09	2.09	0.54	5.18	0.77	0.11	0.03	0.03
2	17	<10	3	8	88	5	2	<2	<1	0.04	0.13	0.03	0.73	0.02	0.03	0.01	0.02
16	40	<10	64	204	387	49	4	<2	4	0.03	4.02	0.10	10.09	0.44	0.05	0.01	0.03
10	39	<10	23	105	620	61	4	<2	<1	0.09	2.79	0.07	5.36	0.50	0.09	0.02	0.03
3	80	<10	59	19	555	35	4	<2	2	0.01	0.99	0.21	4.41	0.27	0.22	0.02	0.03
2	35	<10	5	50	120	38	2	<2	<1	0.02	1.07	0.02	2.53	0.03	0.04	0.01	0.02
5	46	<10	12	49	731	38	3	<2	2	0.01	1.22	0.02	6.21	0.09	0.05	0.01	0.03
3	39	<10	<1	12	404	13	1	<2	<1	<0.01	0.48	0.02	4.34	0.03	0.10	0.01	0.02
4	39	<10	4	101	193	46	2	<2	<1	0.01	0.98	0.02	9.07	0.03	0.14	0.01	0.03
3	441	<10	1	21	895	42	5	<2	2	<0.01	0.68	0.09	4.55	0.07	0.11	0.01	0.03

3	340	<10	1	18	824	38	4	<2	2	<0.01	0.62	0.08	5.17	0.06	0.11	0.01	0.03
13	45	<10	79	228	320	49	3	6	2	0.07	6.74	0.06	12.10	0.40	0.02	0.01	0.03
25	41	<10	64	145	453	61	4	3	3	0.16	6.29	0.09	5.00	0.66	0.03	0.01	0.03
30	79	<10	68	181	777	53	3	2	9	0.02	6.04	0.06	8.51	0.59	0.03	0.01	0.05
11	34	<10	61	281	259	38	5	6	3	0.26	4.59	0.06	7.76	0.30	0.02	0.02	0.03
31	78	<10	87	215	1874	75	6	2	9	0.16	5.78	0.22	7.24	0.73	0.03	0.02	0.07
14	48	<10	58	308	1905	54	4	3	<1	0.53	2.10	0.07	9.99	0.59	0.03	0.02	0.04
19	39	<10	114	217	3869	61	5	10	7	0.36	6.98	0.11	11.03	0.66	0.02	0.02	0.06
11	31	<10	69	254	2045	42	3	<2	4	0.14	4.08	0.04	10.02	0.39	0.03	0.02	0.06
20	23	<10	64	193	1831	63	5	3	<1	0.23	3.75	0.11	6.63	0.72	0.03	0.02	0.05
22	40	<10	71	177	915	82	4	6	3	0.21	4.80	0.09	7.41	0.94	0.02	0.01	0.02
15	33	<10	53	230	606	60	4	6	1	0.20	3.58	0.06	9.50	0.55	0.03	0.02	0.04
5	19	<10	20	124	185	19	4	<2	<1	0.18	0.82	0.06	4.79	0.10	0.02	0.02	0.02
11	35	<10	107	393	709	41	8	22	<1	0.71	6.79	0.18	18.50	0.30	0.02	0.02	0.06
16	41	<10	65	203	556	57	3	<2	6	0.03	4.93	0.05	10.54	0.56	0.03	0.01	0.04
21	115	<10	42	151	6011	76	9	<2	9	0.09	1.72	0.39	4.21	0.73	0.03	0.02	0.03
19	41	<10	78	190	704	64	5	<2	4	0.04	4.25	0.09	7.64	0.69	0.02	0.02	0.04
31	149	<10	103	355	3583	125	26	7	15	0.33	7.41	0.38	9.99	1.38	0.04	0.02	0.07
18	55	<10	44	128	820	76	5	<2	3	0.07	6.82	0.09	6.27	0.65	0.04	0.02	0.06
7	37	<10	19	84	220	28	3	<2	<1	0.01	2.02	0.05	2.56	0.21	0.05	0.01	0.04
16	55	<10	57	214	350	59	6	<2	2	0.04	4.13	0.09	10.39	0.58	0.04	0.03	0.04
16	55	<10	58	217	383	58	6	<2	2	0.04	4.32	0.09	10.74	0.57	0.04	0.03	0.04
27	36	<10	98	236	474	68	7	9	4	0.23	8.96	0.14	7.93	0.76	0.02	0.02	0.05
34	59	<10	105	234	615	93	5	14	9	0.24	8.89	0.11	11.51	1.08	0.03	0.02	0.05
33	31	<10	118	299	298	78	7	10	2	0.40	6.43	0.09	13.02	0.96	0.02	0.02	0.03
52	51	<10	110	258	1285	142	11	11	4	0.40	5.71	0.13	10.02	1.64	0.03	0.02	0.03
12	54	<10	48	172	415	43	3	<2	2	0.06	4.10	0.05	7.81	0.40	0.02	0.02	0.09
72	211	<10	85	284	5438	197	30	5	13	0.22	6.02	0.67	7.29	2.15	0.07	0.04	0.08
38	60	<10	84	246	2535	112	17	3	8	0.23	5.40	0.60	8.59	1.28	0.05	0.03	0.07
52	45	<10	87	220	1497	116	6	<2	8	0.08	4.43	0.19	8.13	1.30	0.04	0.02	0.05
30	31	<10	96	298	436	67	4	15	7	0.24	5.31	0.11	11.73	0.67	0.02	0.02	0.05
46	46	<10	85	268	1637	118	8	12	10	0.31	6.32	0.38	9.44	1.34	0.03	0.02	0.05
47	79	<10	92	265	1530	128	9	15	8	0.39	6.06	0.29	9.01	1.47	0.04	0.02	0.07
42	44	<10	81	244	1280	126	12	11	4	0.38	5.44	0.39	8.51	1.55	0.03	0.03	0.05
39	51	<10	82	241	880	126	17	15	3	0.39	5.51	0.49	7.93	1.48	0.03	0.02	0.05
32	50	<10	94	275	552	95	10	18	4	0.45	6.22	0.33	10.86	1.10	0.02	0.02	0.05
32	31	<10	76	226	611	105	8	4	2	0.25	4.98	0.26	9.31	1.33	0.02	0.02	0.04
38	33	<10	99	251	895	100	7	3	7	0.19	5.66	0.19	10.45	1.11	0.03	0.02	0.05
43	37	<10	100	242	581	117	8	9	8	0.28	6.25	0.23	8.57	1.35	0.02	0.02	0.04
62	257	<10	80	235	1901	200	21	4	12	0.10	3.60	0.47	6.65	1.98	0.05	0.03	0.08
71	163	<10	69	224	2387	159	6	2	16	0.09	3.75	0.23	8.01	1.63	0.06	0.02	0.10
45	104	<10	67	178	2152	126	15	<2	4	0.18	2.88	0.50	5.76	1.42	0.04	0.02	0.04
46	108	<10	70	187	1736	133	16	3	5	0.21	2.68	0.53	5.50	1.39	0.04	0.02	0.04
15	32	<10	61	221	305	41	6	<2	1	0.14	2.47	0.15	8.26	0.38	0.02	0.02	0.03
39	41	<10	93	242	530	97	7	8	2	0.27	6.24	0.16	9.92	1.16	0.03	0.02	0.04
12	80	<10	70	43	1892	54	3	3	3	0.04	1.03	0.60	3.21	0.58	0.18	0.03	0.02
1	39	<10	<1	5	270	11	4	<2	<1	<0.01	0.13	0.52	0.51	0.08	0.15	0.01	0.04
13	30	<10	53	222	589	40	3	<2	1	0.12	2.73	0.04	7.88	0.37	0.03	0.01	0.03
11	26	<10	54	173	508	37	4	<2	<1	0.18	3.07	0.07	7.12	0.39	0.02	0.01	0.03
7	76	<10	33	170	340	25	4	<2	<1	0.16	1.78	0.06	6.10	0.20	0.02	0.02	0.02
17	34	<10	77	200	651	54	3	9	8	0.15	6.07	0.05	7.71	0.50	0.02	0.01	0.03
10	32	<10	45	179	369	32	2	6	4	0.07	4.40	0.04	7.07	0.24	0.03	0.01	0.03
32	40	<10	60	259	346	127	7	7	<1	0.59	2.45	0.16	6.57	1.46	0.05	0.03	0.04
59	27	<10	105	288	485	181	12	22	<1	0.50	6.24	0.29	7.96	1.90	0.03	0.03	0.04
36	38	<10	110	336	376	117	7	20	<1	0.61	5.12	0.18	11.43	1.40	0.02	0.02	0.03
7	11	<10	39	78	333	23	18	3	<1	0.34	1.30	0.57	0.78	0.27	0.03	0.03	0.01
6	26	<10	34	145	211	21	2	<2	3	0.09	2.62	0.02	5.92	0.16	0.01	0.01	0.02
23	149	<10	39	190	3329	113	11	<2	6	0.15	3.52	0.33	9.60	1.30	0.08	0.02	0.11
9	113	<10	8	29	791	30	28	<2	<1	0.02	0.47	1.40	0.98	0.38	0.07	0.04	0.10
18	113	<10	23	80	4247	101	12	<2	3	0.07	1.38	0.66	21.18	0.87	0.02	0.04	0.07
27	176	<10	25	107	4219	99	19	<2	2	0.14	2.33	0.78	4.98	1.15	0.05	0.03	0.10
7	27	<10	14	79	211	37	7	<2	<1	0.09	1.62	0.11	2.52	0.43	0.03	0.02	0.03
7	52	<10	10	65	426	34	5	<2	<1	0.07	1.68	0.08	3.41	0.37	0.02	0.01	0.05
11	130	<10	11	81	936	54	12	<2	<1	0.03	3.23	0.14	4.90	0.64	0.04	0.02	0.10
5	28	<10	30	103	261	36	3	<2	<1	0.07	3.40	0.05	6.09	0.22	0.02	0.01	0.02
12	64	<10	16	90	476	55	12	<2	<1	0.08	2.39	0.16	3.13	0.63	0.05	0.02	0.08
6	84	<10	9	54	2226	32	9	<2	<1	0.03	1.88	0.12	2.83	0.37	0.04	0.01	0.12

10	58	<10	11	66	363	28	9	<2	<1	0.07	1.22	0.13	2.12	0.30	0.03	0.01	0.03
3	30	<10	5	42	166	11	5	<2	<1	0.04	0.67	0.08	1.38	0.08	0.01	0.01	0.01
11	54	<10	21	118	2967	56	5	<2	2	0.04	4.02	0.09	8.36	0.63	0.03	0.02	0.08
12	25	<10	33	162	303	55	4	<2	2	0.05	4.19	0.06	10.19	0.65	0.03	0.01	0.05
8	33	<10	26	124	5751	42	3	<2	4	0.07	4.13	0.07	10.26	0.35	0.02	0.01	0.06
7	57	<10	13	87	606	55	6	<2	3	0.05	2.14	0.06	12.47	0.26	0.08	0.01	0.13
8	42	<10	29	131	209	40	4	<2	2	0.09	4.99	0.08	11.08	0.35	0.03	0.02	0.04
9	40	<10	20	95	558	51	4	<2	<1	0.06	3.56	0.11	5.97	0.69	0.03	0.01	0.06
10	52	<10	28	125	357	49	4	<2	2	0.15	4.43	0.08	7.36	0.54	0.03	0.01	0.05
7	44	<10	26	120	219	36	2	<2	3	0.04	4.69	0.03	12.73	0.27	0.03	0.01	0.06
5	22	<10	22	119	155	26	2	<2	1	0.08	4.95	0.04	10.29	0.09	0.02	0.01	0.05
5	27	<10	12	79	498	32	2	<2	2	0.02	3.00	0.04	9.06	0.18	0.04	0.01	0.07
5	45	<10	12	80	434	40	2	<2	2	0.02	2.03	0.04	7.94	0.36	0.05	0.01	0.07
6	21	<10	21	108	599	31	3	<2	3	0.04	4.25	0.04	8.52	0.09	0.03	0.01	0.06
12	104	<10	18	92	2197	61	4	<2	5	0.05	2.89	0.08	7.16	0.65	0.08	0.01	0.07
8	20	<10	29	133	333	42	3	2	4	0.22	5.38	0.08	8.11	0.46	0.02	0.02	0.05
5	21	<10	14	111	388	25	2	<2	3	0.01	4.08	0.02	11.04	0.05	0.02	0.01	0.07
10	18	<10	40	151	448	50	5	4	4	0.23	3.39	0.11	6.30	0.39	0.02	0.01	0.04
9	18	<10	39	164	423	46	5	4	4	0.25	3.57	0.11	6.73	0.36	0.02	0.02	0.04
22	452	<10	23	91	5277	86	5	<2	8	0.05	3.65	0.05	7.07	0.62	0.12	0.01	0.09
17	171	<10	23	81	3281	63	3	<2	5	0.01	2.24	0.06	6.39	0.41	0.12	0.01	0.08
10	102	<10	19	92	1215	57	2	<2	5	0.01	3.38	0.03	7.60	0.22	0.10	0.01	0.06
18	114	<10	23	84	1440	61	3	<2	5	0.02	2.15	0.05	6.17	0.44	0.11	0.01	0.07
13	51	<10	29	86	421	53	3	<2	3	0.01	3.25	0.03	7.44	0.40	0.08	0.01	0.05
14	64	<10	55	122	672	43	4	<2	8	0.05	6.14	0.07	7.09	0.28	0.05	0.01	0.08
5	29	<10	19	121	185	27	3	<2	<1	0.08	2.07	0.04	6.73	0.10	0.04	0.01	0.03
11	72	<10	41	147	1349	50	11	<2	3	0.12	3.66	0.21	7.28	0.46	0.07	0.02	0.05
19	32	<10	65	194	2263	82	8	5	7	0.26	5.36	0.15	8.25	0.90	0.04	0.02	0.06
12	25	<10	64	191	427	49	3	3	2	0.15	3.86	0.05	9.36	0.38	0.02	0.01	0.03
17	24	<10	83	160	739	68	3	6	3	0.17	5.55	0.06	6.85	0.59	0.02	0.01	0.07
27	32	<10	117	218	1331	85	9	<2	6	0.14	5.24	0.10	10.21	0.88	0.03	0.02	0.06
31	57	<10	54	251	3209	211	46	4	7	0.31	4.71	2.11	6.35	2.23	0.08	0.02	0.07
22	28	<10	69	241	2480	94	9	2	2	0.29	4.06	0.13	10.26	0.97	0.04	0.02	0.06
13	19	<10	75	225	2077	53	11	5	7	0.23	6.42	0.14	6.48	0.42	0.02	0.01	0.17
8	17	<10	37	170	238	32	5	15	<1	0.58	4.19	0.09	11.08	0.23	0.02	0.02	0.06
9	13	<10	62	203	276	42	3	5	6	0.21	8.46	0.04	12.26	0.30	0.01	0.01	0.07
5	14	<10	27	205	130	28	5	3	<1	0.43	2.54	0.10	6.50	0.19	0.02	0.01	0.03
5	14	<10	19	148	123	20	6	<2	<1	0.36	1.62	0.10	7.43	0.16	0.02	0.02	0.04
6	43	<10	17	97	887	30	5	<2	<1	0.02	2.83	0.07	7.85	0.24	0.03	0.02	0.07
6	42	<10	16	93	900	29	4	<2	<1	0.02	2.89	0.06	7.96	0.24	0.03	0.02	0.06
6	28	<10	19	94	144	29	3	<2	4	0.01	4.61	0.03	9.26	0.17	0.02	0.02	0.05
7	39	<10	14	81	605	26	19	<2	1	0.01	2.64	0.45	6.87	0.21	0.04	0.02	0.08
11	23	<10	37	187	316	60	4	<2	6	0.08	5.82	0.04	16.45	0.59	0.02	0.02	0.11
9	22	<10	50	188	267	30	4	10	4	0.25	4.77	0.06	8.76	0.25	0.02	0.02	0.03
8	24	<10	38	168	247	24	4	2	<1	0.27	2.25	0.07	7.50	0.20	0.02	0.02	0.03
10	14	<10	45	197	345	27	3	3	<1	0.28	1.83	0.07	7.91	0.19	0.02	0.02	0.04
12	26	<10	60	190	559	42	4	6	5	0.22	5.03	0.08	7.97	0.42	0.02	0.02	0.05
5	17	<10	29	159	236	21	4	<2	<1	0.17	2.59	0.06	8.72	0.09	0.03	0.01	0.04
6	40	<10	17	110	214	27	3	<2	2	0.05	2.43	0.05	5.96	0.21	0.03	0.01	0.03
8	22	<10	30	160	425	34	3	<2	3	0.12	3.65	0.07	7.57	0.30	0.03	0.01	0.07
8	26	<10	32	119	257	39	3	<2	6	0.09	3.95	0.07	7.74	0.31	0.03	0.01	0.04
2	14	<10	3	17	116	13	26	<2	<1	0.01	0.18	0.30	0.42	0.18	0.05	0.05	0.04
9	34	<10	22	128	313	43	7	<2	1	0.12	2.22	0.24	6.00	0.51	0.04	0.02	0.03
8	23	<10	26	200	201	33	4	<2	<1	0.18	2.86	0.14	10.44	0.31	0.03	0.01	0.03
11	29	<10	62	174	286	32	4	10	2	0.22	7.16	0.06	9.74	0.35	0.02	0.01	0.05
7	32	<10	53	201	235	27	4	3	<1	0.28	3.70	0.05	13.54	0.14	0.02	0.02	0.04
19	80	<10	39	205	401	84	10	<2	<1	0.20	3.01	0.27	5.61	0.80	0.03	0.02	0.03
13	71	<10	40	175	1866	71	8	<2	5	0.10	4.51	0.28	9.86	0.69	0.03	0.02	0.07
9	39	<10	29	139	550	53	7	<2	4	0.06	3.70	0.12	8.21	0.45	0.04	0.02	0.07
22	50	<10	44	185	581	86	21	3	<1	0.28	4.51	0.32	7.48	1.03	0.03	0.02	0.07
12	26	<10	41	167	323	48	5	6	<1	0.39	4.25	0.16	6.74	0.52	0.02	0.02	0.03
11	21	<10	42	166	265	46	5	5	<1	0.32	4.44	0.14	6.42	0.45	0.02	0.02	0.03
9	19	<10	45	182	213	38	5	6	<1	0.33	4.67	0.10	7.32	0.38	0.02	0.02	0.04
13	47	<10	43	179	552	57	7	8	<1	0.37	4.01	0.34	6.35	0.56	0.04	0.02	0.05
11	70	<10	29	110	761	54	6	<2	3	0.04	3.29	0.19	6.36	0.46	0.06	0.02	0.07
7	53	<10	28	143	243	37	3	<2	<1	0.15	2.68	0.08	7.73	0.31	0.05	0.02	0.05
13	31	<10	53	204	354	59	5	4	3	0.23	5.94	0.10	9.79	0.53	0.02	0.02	0.05

12	31	<10	51	195	346	56	5	5	4	0.21	5.81	0.09	9.11	0.50	0.02	0.01	0.04
25	159	<10	38	186	3022	118	10	<2	5	0.13	3.09	0.32	8.05	1.14	0.08	0.02	0.11
10	130	<10	8	29	858	33	24	<2	<1	0.02	0.46	1.25	0.96	0.34	0.08	0.04	0.11
19	128	<10	24	79	4195	105	11	<2	2	0.07	1.44	0.66	21.83	0.87	0.02	0.03	0.08
29	199	<10	26	110	4381	104	18	<2	<1	0.15	2.52	0.79	5.35	1.18	0.05	0.03	0.11
7	30	<10	14	80	223	38	7	<2	<1	0.09	1.60	0.11	2.49	0.42	0.03	0.02	0.03
7	58	<10	10	66	463	34	5	<2	<1	0.07	1.68	0.08	3.40	0.38	0.02	0.01	0.05
12	149	<10	12	84	1292	55	12	<2	<1	0.04	3.28	0.14	4.98	0.69	0.05	0.02	0.11
5	32	<10	10	80	211	38	6	<2	<1	0.12	1.30	0.09	2.50	0.41	0.04	0.02	0.01
14	81	<10	19	100	577	61	12	<2	<1	0.08	2.82	0.18	3.67	0.74	0.06	0.02	0.10
7	104	<10	10	58	2398	34	8	<2	<1	0.03	1.96	0.13	2.96	0.41	0.04	0.02	0.14
12	74	<10	13	77	451	31	9	<2	<1	0.08	1.34	0.15	2.31	0.32	0.04	0.02	0.04
3	35	<10	6	46	191	10	5	<2	<1	0.05	0.73	0.08	1.29	0.09	0.01	0.01	0.01
15	69	<10	17	103	154	26	9	<2	<1	0.06	0.82	0.18	2.94	0.24	0.03	0.02	0.04
9	51	<10	15	109	368	52	10	<2	<1	0.08	2.78	0.16	4.87	0.61	0.03	0.01	0.03
9	100	<10	14	75	518	36	19	<2	<1	0.08	1.96	0.20	2.95	0.44	0.04	0.02	0.06
9	93	<10	14	76	512	39	14	<2	<1	0.08	1.89	0.18	2.85	0.42	0.04	0.02	0.06
8	82	<10	17	74	1248	42	7	<2	<1	0.04	1.92	0.14	2.75	0.45	0.03	0.02	0.09
10	65	<10	23	105	555	50	7	<2	<1	0.09	4.20	0.13	4.04	0.58	0.04	0.02	0.22
11	77	<10	22	95	903	47	10	<2	<1	0.09	3.83	0.15	3.60	0.56	0.04	0.02	0.24
8	122	<10	16	69	2361	34	11	<2	<1	0.06	3.13	0.18	2.72	0.41	0.04	0.02	0.20
10	74	<10	20	92	679	49	9	<2	<1	0.12	3.15	0.12	2.93	0.51	0.04	0.02	0.06
11	70	<10	21	91	677	48	9	<2	<1	0.13	3.41	0.12	3.30	0.52	0.05	0.02	0.05
30	100	<10	23	329	1451	287	38	8	7	0.32	3.01	0.88	8.60	2.94	0.03	0.04	0.09
4	17	<10	159	2	38	<2	<1	<2	<1	<0.01	0.04	0.01	0.46	0.01	0.01	0.01	<0.01
39	70	<10	53	220	3492	168	110	6	1	0.32	6.19	4.19	5.19	2.06	0.10	0.04	0.06
17	119	<10	63	218	10909	44	3	<2	9	0.05	4.90	0.07	8.59	0.28	0.04	0.01	0.12
17	27	<10	68	206	942	51	10	3	<1	0.19	2.79	0.20	6.52	0.56	0.03	0.02	0.05
7	29	<10	59	109	1298	39	<1	4	6	0.04	7.98	0.02	22.55	0.07	0.01	0.01	0.10
12	48	<10	56	292	1917	49	4	3	<1	0.53	2.10	0.07	10.02	0.60	0.03	0.02	0.04
49	50	<10	97	260	1283	120	10	7	4	0.39	5.70	0.13	9.98	1.60	0.03	0.02	0.03
10	80	<10	69	40	1905	46	3	3	3	0.04	1.03	0.60	3.20	0.58	0.18	0.03	0.02
5	26	<10	29	103	260	25	3	<2	<1	0.07	3.40	0.05	6.10	0.22	0.02	0.01	0.02
10	17	<10	39	149	449	41	5	3	4	0.23	3.40	0.11	6.31	0.40	0.02	0.01	0.04
5	13	<10	25	195	130	22	5	2	<1	0.43	2.55	0.10	6.51	0.19	0.02	0.01	0.03
19	79	<10	38	194	395	67	9	<2	<1	0.20	2.99	0.27	5.60	0.78	0.03	0.02	0.03
5	30	<10	9	80	210	36	6	<2	<1	0.12	1.30	0.11	2.49	0.39	0.04	0.02	0.01
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1	10	10	1	1	5	2	1	2	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
10000	10000	5000	10000	10000	10000	10000	10000	1000	10000	10	10	10	10	10	10	10	5
ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

LeMare Lake Project

092L.031, 092L.041
Map 1 of 1

Legend

Plot
SampleType
- Soil
- Rock
- Not Defined

Geology
- Unknown
- AA
- And
- Aplite
- Arkose
- Breccia
- Bslt
- Bxa
- Dac
- Hrn
- K-Spar
- Py
- Qtz
- Rhyl
- Silica
- Sulfo-Salt
- Till
- Tr

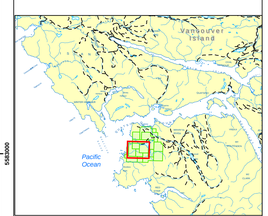
- Mineral Claims

Blocks
- Engineered
- Free to Grow
- Recce'd
- Satisfactorily Restocked

- Ocean
- Lake

Streams
- S2
- S4
- S6
- Streams

Roads
- Roads in Application
- Roads



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Meters

Albers Projection
NAD83

Map Produced for: Jo Shearer
Date: January 13, 2010
Project: CRM1233\Projects\Figures\X_SkField_Map.mxd

CRM LTD
Creative Resource Management

LeMare Lake Project

092L.031, 092L.041

Map 1 of 1

Legend

Plot
- Soil
- Rock
- No Value

Mineral Claims

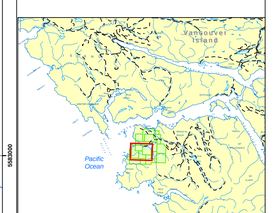
Blocks
- Engineered
- Free to Grow
- Recced
- Satisfactorily Restocked

Ocean

Lake

Streams
- S2
- S4
- S6
- Streams

Roads
- Roads in Application
- Roads



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Meters

Albers Projection
NAD83

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Coastal Resource Mapping