Prospecting Report for the 2012 Program at the Merry Widow Project

NANAIMO MINING DIVISION

VANCOUVER ISLAND, BC

50˚ 21’ N. LATITUDE, 127˚ 15’ W. LONGITUDE

UTM: 625,000 mE, 5,579,000 mN; ZONE 9 NAD 83

NTS 92L/06

FOR

Grande Portage Resources Ltd

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November 6, 2012

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2.0 SUMMARY

The Merry Widow property is comprised of 56 crown grants and 20 mineral claims owned 100% by Grande Portage Resources Ltd., encompassing Merry Widow Mountain. The property is centred at 50° 21' north latitude and 127° 15' west longitude, some 40 kilometres south-southeast of Port Hardy, B.C. and 30 kilometres southwest of Port McNeill, B.C. on northern Vancouver Island. The forest-based communities of Port Hardy and Port McNeill, both within one hours' drive of the property, can supply most materials, heavy equipment and personnel for mining development. In addition the deep-water port of Port Alice is 17 kilometres west-northwest from the property.

The terrain is very steep and rugged with thick, dense west coast forest cover comprising cedar, hemlock, and spruce with alder, willow and salal underbrush, much of the forest cover is second growth. Access is reasonable given the extensive network of logging roads (both active and deactivated) that traverse much of the property.

The 2012 exploration program consisted of prospecting to follow-up anomalies delineated by a proprietary geophysical survey completed in 2011 by ES&T of Maryland, USA. The purpose was to see if any areas of interesting surface mineralization could be located proximal to the anomalies. Most of the work was focussed in and around the old Merry Widow open pit and Merry Widow Mountain. Other areas were examined but are not being reported on in this report. Two of the claims (GPG 6 and GPG 7) are not contiguous with the rest of the main property, costs for assessment purposes are proportioned to the claims based on time spent in the program. A total of 11 rock samples were taken from the Merry Widow claims, 3 samples were collected from the GPG 6 claim and 5 samples from the GPG 7 claim for a total of 19 samples. Costs applied to the Merry Widow claims (the main block of contiguous claims) are $10,789, costs to GPG 6 claim are $1,537 and to GPG 7 are $1,615. These do not include any additional money that may be withdrawn from the PAC account. The work was conducted in two stages, January 16, 2012- January 20, 2012 and October 9, 2012 to October 14, 2012.

3.0 Claim Status

The Merry Widow property consists of 20 mineral claims and 56 Crown granted mineral claims, acquired either through staking, purchase or through option agreements and encompasses an

area of 7,467.982 hectares. The details of the claims and Crown Grants are summarized in Tables 1 and 2. All claims and Crown Grants are owned 100% by Grande Portage.

Table 1. Crown Grants

Lot No	Lot No	Lot No	Lot No	Lot No
1529	1540	1554	1629	1104
1530	1541	1555	1630	1105
1531	1542	1556	1631	1106
1532	1543	1557	1634	1107
1533	1544	1558	1635	1116
1534	1545	1559	1638	1118
1535	1548	1562	1639	1185
1536	1549	1625	1640	1587
1537	1550	1626	1641	1588
1538	1551	1627	1642	1095
1539	1553	1628	1643	1096
1101				

Table 2 – Mineral Claims

Claim Name	Tenure Number	Expiry	Area (ha)
	512835	2013/May/29	412.523
TMW	512842	2013/May/29	103.113
MW 1	523874	2013/May/29	494.707
MW 2	523875	2013/May/29	433.000
MW 5	523879	2013/May/29	494.771
MW 6	523880	2013/May/29	515.628
MW 13	523890	2013/May/29	82.442
MW 1	529814	2013/May/29	515.825
MW 2	529815	2013/May/29	474.582
MW 5	529821	2013/May/29	515.110
Merry Widow	531451	2013/May/29	515.425
MWM 15	537897	2013/May/29	494.311
MWM 16	537898	2013/May/29	494.311
MWM 17	537899	2013/May/29	411.980
MWM 18	537900	2013/May/29	432.716
White Marble	379747	2013/May/29	25.0
Good Sport	512853	2013/May/29	226.703
Newt	512857	2013/May/29	103.053
GPG 6**	935489	2012/Nov/30	247.957
GPG 7**	935509	2012/Nov/30	474.825

Note: the ** denotes claims that are not contiguous with the main block

4.0 Location and Access

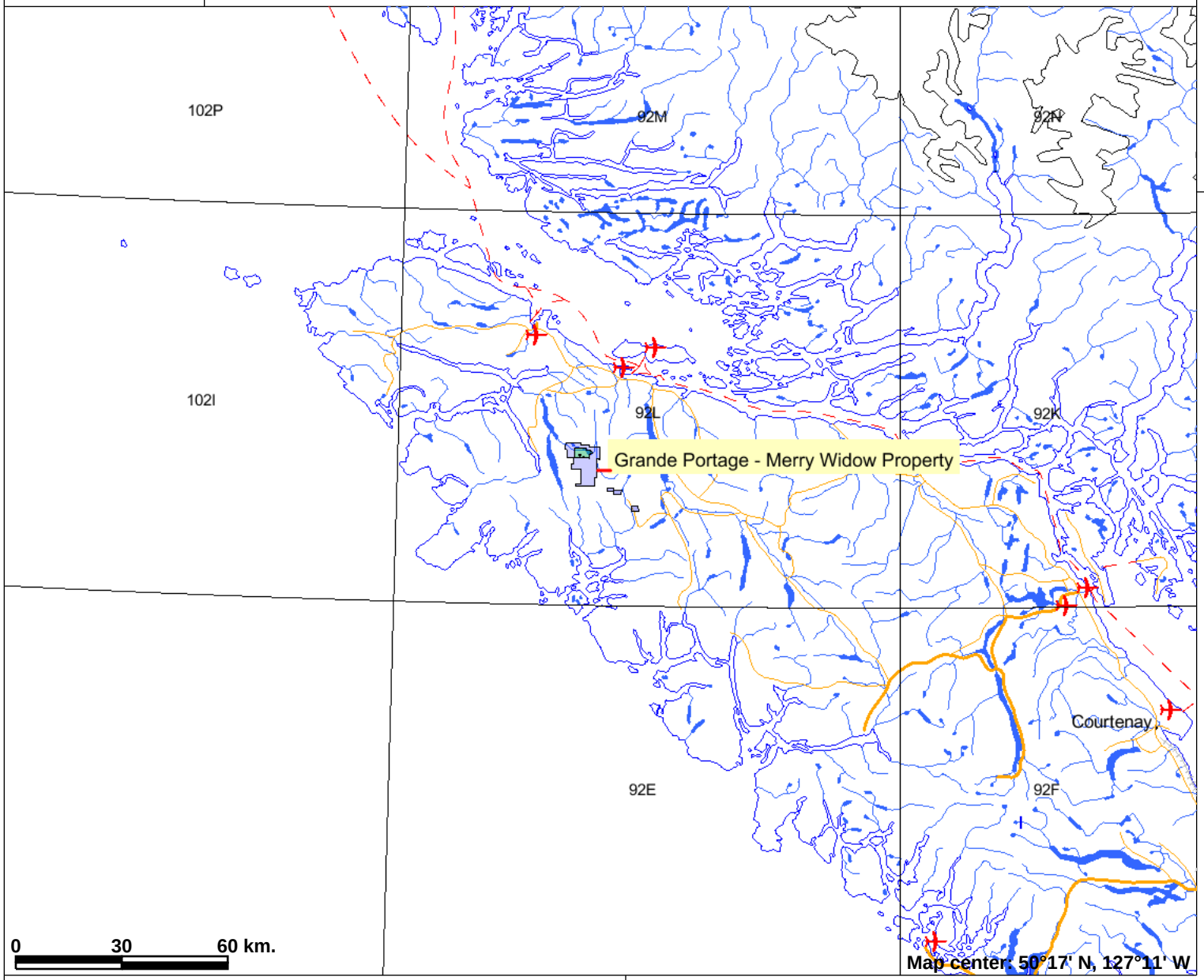
The property is situated in the Nanaimo Mining Division, about 40 kilometres southwest of Port McNeill on Vancouver Island (Figure 1). The property is situated on NTS 1:50,000 scale map sheet 92L/06 and is centred at approximately 50° 21' N latitude, 127° 15' W longitude with UTM coordinates 625000mE, 5579000mN; NAD 83 Zone 9 and B.C. Geographic System 1:20,000 scale map sheets 92L/025, 034, 035, 044 and 045. The property shape and boundary are displayed on Figure 2.

Access is via a series of logging roads crossing Highway 19 from either Port McNeill or Port Hardy. From Port McNeill, at the Highway 19 junction travel north for approximately 4 kilometres to the West Main logging road. Turn west and follow the West Main to the junction with Kehoe Main at approximately kilometre 7. Turn onto the Kehoe Main until it terminates at approximately kilometre 36, to the south is the B-Main and to the north is the Merry Widow Main. Follow the Merry Widow Main until approximately kilometre 2, at the junction with the Merry Trail. The Merry Trail leads to the Kingfisher and Merry Widow open pits, terminating at approximately kilometre 6. The exploration camp on Kathleen Lake is accessed by continuing on the Merry Widow Main until it terminates at approximately kilometre 6, at the junction with the Craft Creek Main. At approximately kilometre 2 the Craft Creek Main intersects the Alice Lake Main with a small spur road leading to the camp at approximately kilometre 47.5 on the Alice Lake Main. From Port Hardy, travel south to the junction with Highway 30 to Port Alice. At approximately kilometre 10 the South Hardy Main crosses Highway 30, turn southwest for approximately 3 kilometres where the South Hardy Main terminates at the junction of the West Main and Alice Lake Main (kilometre 29) logging roads. Follow the Alice Lake Main to the exploration camp at kilometre 47.5 and from there the directions are the reverse of the access from Port McNeill.

5.0 History

There has been over 100 years of prospecting, staking, exploration and mining within the boundaries of the property. Occurrences of copper are reported to have been discovered in 1897 along the Old Sport horizon near the Benson River on the east slope of Merry Widow Mountain. The subsequent claim staking that eventually covered the whole property started at that time. The main periods of exploration on the current claims and surrounding area are as follows:

Grande Portage - Merry Widow - Property Location



Legend

Provincial Boundary (1:2M)

- Boundary (International)
- Boundary (Interprovincial)

NTS Grid

Transportation - Points (1:2M)

- Airstrip
- Ferry Route
- Seaplane Custom Port

Transportation - Lines (1:2M)

- Ferry Route
- Road - Trunk
- Road - Main
- Road - Local
- Bridge
- Rail Line

Water - Points (1:2M)

- Falls
- Dam

Water - Lines (1:2M)

- River/Stream - Definite
- River/Stream - Left Bank
- River/Stream - Right Bank
- Dam
- Lake - Definite
- Icefield
- Island - Definite
- Coastline - Definite

Water - Polygons (1:2M)

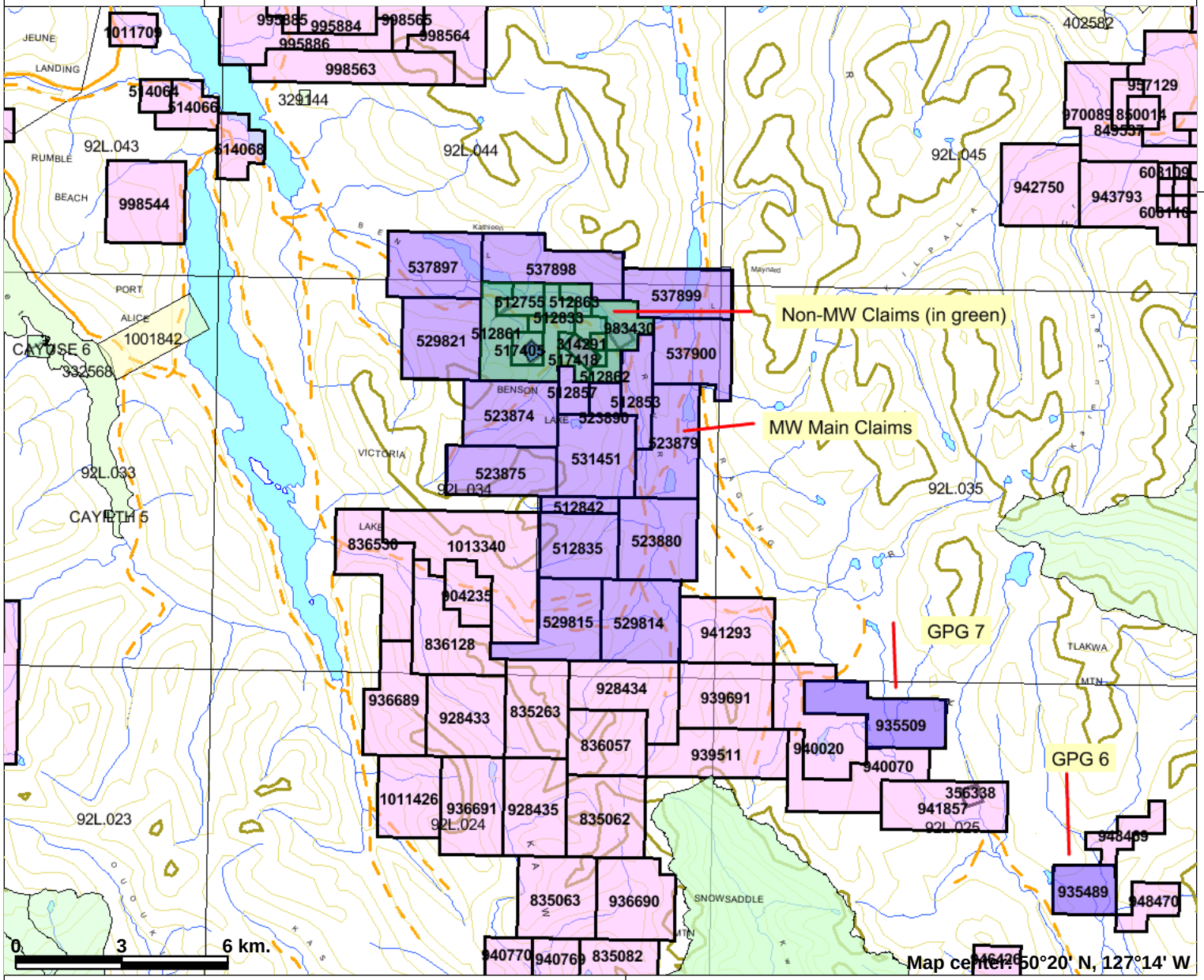
- River/Stream - Definite
- Lake - Definite
- Island - Definite

Major Cities

N

Scale: 1:1,690,813

Grande Portage - Merry Widow - Claim Map



Legend

- Indian Reserves
- National Parks
- Conservancy Areas
- Parks
- Federal Transfer Lands

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
- First Nations Treaty Related Lands
- First Nations Treaty Lands
- BCGS Grid

Contours (1:250K)

- Contour - Index
- Contour - Intermediate
- Areaof Exclusion
- Areaof Indefinite Contours

Annotation (1:250K)

Transportation - Points (1:250K)

- Airfield
- Anchorage - Seaplane
- Ferry Route
- Heliport

Scale: 1:169,081

5.1 Merry Widow, Kingfisher Magnetite Development

In 1956 the Empire Development Co. Ltd. was formed to mine the Merry Widow magnetite deposit. Ownership of the mine was 60% Mannix Ltd. and 40% Quatsino Copper Gold Mines. During the period 1957 to 1962 the open pit was mined to its economic limits. In 1964, the Kingfisher adit, which had been driven under the adjoining Kingfisher pits to mine the lower sections of those ore bodies, was extended to the Merry Widow ore zone. Extraction of magnetite ore from underground draw points continued until 1967. During its mine life total production from Merry Widow, Kingfisher and Raven open pits and the Kingfisher and Merry Widow underground operations totalled 3,371,815 tonnes that yielded 1.68 million tonnes of magnetite. Several zones of massive sulphide mineralization occurring proximal to the Merry Widow open pit were identified by the Empire Development Co. Ltd. geological staff. These zones were not exploited by the company as the sulphide zones were viewed as a nuisance by management since the magnetite was penalized for sulphur content and that rock termed “coppery mineralization” was either discarded or left in place.

5.2 Benson Lake, Old Sport Mine Development

In 1960 Coast Copper, after a long history of development work, brought the Benson Lake mine into production. Coast Copper also made an agreement with Quatsino to mine the southern extension of the Old Sport horizon that underlies the present property at depth.

The Old Sport mine lies within Upper Triassic Vancouver Group, Karmutsen Formation volcanics comprised of fine to medium-grained andesite, basalt and porphyritic flows. The volcanics are conformably overlain by Upper Triassic Vancouver Group Quatsino Formation limestone. Bedded rocks strike northwest and dip about 35 degrees to the west. The Vancouver Group rocks are intruded by the “Coast Copper stock” of the Early-Middle Jurassic Island Plutonic Suite. The contact dips 70 degrees to the northeast. Volcanic rocks have undergone pyrite, sericite, epidote and carbonate alteration.

Near the top of the Karmutsen Formation a thin limestone unit is overlain by a conformable diorite sill (the “included diorite” of early reports) that has been suggested to constitute a 3 to 24 metre thick flow (Minister of Mines Annual Report 1960, page 98). Both Quatsino limestone and Karmutsen volcanics have been replaced by garnet-epidote-magnetite-calcite-chalcopyrite-bornite mineralization. The lower ore horizon, below the diorite sill is referred to as the Old Sport Horizon. The upper horizon of lesser continuity is called the Hanging Wall Horizon. The Old Sport Horizon has been developed south to the Benson Lake mine (092L.091), a distance of more than three kilometres.

During the period 1960-1973 the Old Sport horizon in the Coast Copper and Benson Lake mines produced 2,621,131 tonnes of ore which yielded 90,814,161 pounds of copper; 377,165 oz of silver; 124,386 oz of gold; 507,207 tonnes of iron. It should be noted that production from 1968 to 1972 was derived almost exclusively from ore hosted in the Benson Lake mine located on Grande Portage's present property.

Magnetite, chalcopyrite and local bornite constitute the main ore minerals. Pyrite is widely distributed; pyrrhotite occurs locally. Minor gold and silver are associated with chalcopyrite. The chalcopyrite occurs as veinlets (plus or minus quartz) and disseminated grains in sill-like lenses, skarn and magnetite. Ore shoots are discontinuous, and their control is not evident.

5.3 Taywin Exploration 1989-1992

During the period 1989-1992 Taywin Resources Ltd explored the property for its gold bearing massive sulphide deposits. Approximately $500,000 was spent on the property. Work included mapping, trenching, surface sampling and diamond drilling of 2,850m (10,000 ft) in 42 holes and ± 120 reverse circulation drill holes. A pre-feasibility study was initiated to mine and extract only the copper-gold ore in the Merry Widow pit area with milling to be undertaken at BHP-Utah's then producing Island Copper open pit porphyry mine at Port Hardy.

5.4 2005 Exploration Program

Between November 1st and November 30th of 2005 Grande Portage Resources contracted crews from Nicholson and Associates to establish 8.5 line kilometres of survey grid that was subsequently tested by crews from SJ Geophysics/ S.J.V. Consultants Ltd. by an Induced Polarization survey covering the grid area. During grid establishment a total of eight silt and five moss mat samples were collected from various creeks draining the grid area. A total of 30 rock samples were collected at points on the grid and from rock outcrops located along the access logging roads. A total of $113,096.96 was spent in the conducting of the IP survey and collecting silt, moss mat and rock samples.

5.5 2006 Exploration Program

The 2006 program commenced in May 2006, with a 1,474 line-kilometre airborne geophysical Mag and EM survey over the original core claim holdings at a 50 metre line spacing. In June, a camp was constructed on Kathleen Lake and a 47 hole diamond drilling programme commenced with 4,447.98 metres of drilling competed, all NQ-size drill core. Forty-three (43) drill holes were completed in copper-gold-silver-cobalt-iron massive sulphide mineralization located in the vicinity of the past producing Merry Widow open pit while three (3) drill holes were

designed to initially test induced polarization ground geophysical targets outlined by the 2005 survey. One (1) drill hole was collared to test a small exposure of massive sulphide called the Road zone. All 43 open pit area drill holes successfully intersected good grades of copper-gold-silver-cobalt-iron mineralization. A regional silt sampling program was conducted between June 15 and July 31, 2006 throughout portions of the property. A total of 365 samples were collected. The sampling outlined drainage areas anomalous in silver-copper-zinc and nickel-copper-cobalt-chromium.

5.6 2007 Exploration Program

The Company's main focus of 2007 was continued diamond drilling and resource estimation for the Merry Widow open pit. Giroux Consultants Ltd. was contracted to produce a preliminary resource estimation for the Merry Widow deposit based on the 43 drill holes completed in 2006. The results of that work are detailed in a 43-101 compliant report dated September 24, 2007 by G. Giroux and B. Game. In summary at a 0.5 g/t Au cut-off there are 950,000 tonnes averaging 2.0 g/t Au, 5.6 g/t Ag, 0.34% Cu and 0.013% Co classed measured plus indicated and an additional 120,000 tonnes averaging 1.2 g/t Au, 2.8 g/t Ag, 0.13% Cu and 0.008% Co classed Inferred.

Further work by Grande Portage included property wide silt and soil sampling, airborne geophysics, geological mapping and diamond drilling. The geochemical program comprised the collection of 790 silt samples and 466 soil samples, airborne geophysics consisted of 1,748.4 line-kilometres of both magnetic and electromagnetic surveys at a 50 metre line spacing, and 45 drill holes totalling 6265.27 metres were competed on five target areas. The program was conducted intermittently throughout the year at a cost of $2,578,773.26.

5.7 2008 Exploration Program

Very little work was undertaken on the property in 2008. Work that was undertaken includes discussion with the Quatsino First Nation and property tours with both the Chief and Council. Preliminary Environmental Baseline studies were constrained to limited water sampling and selection of areas for water sampling.

Discussions with the Quatsino First Nation are ongoing; the water sampling program was stopped before proceeding beyond preliminary investigations. It was felt that future baseline environmental studies would be best undertaken after additional drilling at the Merry Widow open pit had been completed and the entire area for possible development be defined.

5.8 2009-2011 Exploration Programs

Very little work was done on the property during this time. The only significant survey was the geophysical survey by ES&T completed in October of 2011.

6.0 Regional and Property Geology

6.1 Regional Geology

The oldest rocks in the area are the early Upper Triassic Karmutsen volcanic rocks consisting of pillow basalts and andesites. The Karmutsen Formation is overlain by the middle Upper Triassic Quatsino Formation, a limestone sequence estimated at 600-1,200 metres thick. The top third of the sequence contains argillaceous layers. Regionally the Quatsino Formation strikes south-easterly and dips gently to the southwest.

The late Upper Triassic Bonanza Volcanic rocks overlie the Quatsino limestone sequence. This package consists of massive andesitic to dacitic flows and tuffs commonly with feldspar phenocrysts. Locally the Bonanza Formation is underlain by an argillaceous sedimentary package with gradational contacts between the two.

Fine grained andesitic dykes and sills intrude the Quatsino and Bonanza Formations. These dykes and sills have a similar appearance to the host volcanics and are difficult to differentiate. These are possibly feeders to the Bonanza volcanic rocks.

The entire assemblage, consisting of Karmutsen, Quatsino and Bonanza Formations, is intruded by the Coast Copper Stock to the west. All three formations, which dip gently to the west, become intensely buckled near the contact with the Coast Copper stock. The Coast Copper stock is a multiphase intrusion with a composition that varies from gabbroic margins to quartz monzonite centres. The age of the Coast Copper stock is estimated as mid Jurassic. Two major structures, the Kingfisher and South Creek faults, are parallel faults striking north-easterly and thought to be responsible for the localizing of the skarn zones in the vicinity of the open pit. Numerous other large and small scale structures are evident and may also be conduits for mineralizing solutions.

6.2 Property Geology

Four main rock types occur on the property. Bonanza volcanics, comprised of andesitic flows and tuffs, overlie Quatsino limestone overlying Karmutsen volcanics which have been intruded by gabbros and diorites of the Coast Copper stock and the Keystone stock.

Skarn zones are present in the Merry Widow open pit as well as in several outcrops proximal to the limestone-volcanic contact. Predominately three main types of skarn have been observed (Clarke, 1988). Closest to the intrusive rocks is a massive, medium to dark brown garnetoid skarn. As you move away from the intrusion the garnetoid skarn grades into garnet actinolite skarn, coarse crystalline actinolite +/- calcite skarn and finally a fine grained epidote skarn. Magnetite has been observed to be associated with all the skarn zones and is present in structures cutting across re-crystallized limestone.

Predominately two types of mineralization associated with skarns and skarn related structures occur on the property.

1. Massive magnetite and magnetite-calcite skarn,
2. Gold and copper bearing sulphide mineralization associated predominantly with actinolite skarn.

Magnetite forms as tabular bodies, lenses and as fracture fillings, lying sub parallel to the easterly dipping gabbro-diorite intrusive contact and along the easterly trending Kingfisher fault zone.

Minor chalcopyrite and pyrite is present in the calcite matrix within the magnetite. Cobaltite is associated with gold. Sulphide mineralization is predominately concentrated in the northeast walls of the Merry Widow open pit. A small exposure is also present in the lower most southwest wall immediately south of the ventilation raise. The sulphides are associated mainly actinolite skarn and in places in the calcite matrix.

The sulphides present, in order of decreasing abundance, are pyrrohotite, chalcopyrite, pyrite, arsenopyrite and cobaltite. The sulphides form massive bodies with the contact area of the Bonanza volcanics and the Quatsino limestone.

These massive sulphides generally consist of up to 80% pyrrhotite, 3-5% chalcopyrite and less than 1% pyrite, arsenopyrite and cobaltite.

The extensive Old Sport-Benson Lake skarn lies close to the Quatsino -Karmutsen contact along the eastern portion of the property. It consists of discontinuous ore lenses that dip about 40 degrees westerly. Mineralization is characterized by magnetite, chalcopyrite, bornite, pyrite, lesser pyrrhotite and trace gold in a garnet-epidote-amphibole-carbonate gangue. The garnets vary from brown to yellow-green, and minor albite and potassium feldspar are locally present.

The contact between the base of the Bonanza and the underlying Quatsino limestone is the locus of faulting, extensive skarn alteration, and mineralization responsible for the deposit and other magnetite rich deposits. In general, this contact zone lies close to the exposed edge of the Coast Copper intrusive stock, and has been complicated by the intrusion of numerous greenstone rocks including dikes, sills and breccia filled volcanic pipes. In total the resulting northerly trending zone has provided a favourable host for the emplacement of gold rich massive sulphide mineralization that is the target of the present exploration program.

7.0 2012 Exploration Program

The survey by ES&T outlined 33 potential targets, referred to as “Points of Interest”, or POI’s. Many of the target areas are proximal to the past producing Merry Widow open pit, others are scattered throughout a broad area. The purpose of the geological evaluation of the POI’s was to see if there was any surface mineralization present to explain the anomaly. The evaluation was done in two stages; one visit was in mid-January, the second in early October of 2012.

For the purposes of the survey a comparison was made to areas of known results from drill holes completed on the Merry Widow open pit to establish baseline readings, labeled as “Cut-Off” values in the ES&T report. By comparing the readings of the instrumentation (the “D.O.” reading) to the cut-off values for the elements of interest ES&T could then determine if the elements of interest were reporting higher or lower values for the readings on their instrumentation. The cut-off values for the different elements are shown in Table 3 below:

Table 3 – Cutoff Values

Units	**Au**	**Ag**	**Cu**	**Co**	**Fe**
g/t	5	31	5,000	20,000	500,000
ppm	5	31	5,000	20,000	500,000
%	0.005	0.0031	0.5	2	50
D.O.	**60**	**28**	**60**	**119**	**98**

A summary of the targets outlined by ES&T on the Merry Widow claims is shown on Table 4. As a result of the survey Grande Portage staked additional claims to cover off some of the targets that were not part of the main Merry Widow land holdings. The “Area” column in the table below refers to the area of the property where the POI is located. Additional POI’s were located by the survey but were not on Grande Portage claims and are not included in the tables or ensuing discussion.

Table 4 – ES&T MW Points of Interest (POI’s)

MW Points Of Interest (POI’s)		
Point Of Interest (POI)	**Anomalous Elements**	**Area**
POI 1	Au, Ag, Cu, Co, Fe	Merry Widow
POI 3	Au, Ag, Cu, Co, Fe	Merry Widow
POI 4	Au, Ag, Cu, Co, Fe	Merry Widow
POI 5	Au, Ag, Cu, Co, Fe	Merry Widow
POI 7	Au, Ag, Cu, Co, Fe	Merry Widow
POI 8	Au, Ag, Cu, Co, Fe	Merry Widow
POI 9	Au, Ag, Cu, Co, Fe	Merry Widow
POI 10	Au, Ag, Cu, Co, Fe	Merry Widow
POI 11	Au, Ag, Cu, Co, Fe	Merry Widow
POI 15	Au, Ag, Cu, Co, Fe	GPG 7
POI 16	Au, Ag, Cu, Co, Fe	GPG 7
POI 17	Au, Ag, Cu, Co, Fe	GPG 7
POI 23	Au, Ag, Cu, Co, Fe	GPG 6

In mid-January, 2012, GPG attempted to follow-up on these POI’s by means of prospecting at the locations of a given POI to see if mineralization was present near surface. Some of the lower lying areas were accessible by road, at the higher elevations there was too much snow to gain access or do any practical surface work. In October of 2012 a second trip was made to the property to evaluate the remaining POI’s not visited in the January trip. Most of the remaining POI’s were examined though a few we not due to access problems. A preliminary assessment of the areas visited is that they have potential for mineralization though it is not on surface. At most sites sulphide-bearing rocks were observed, often variably magnetic, with sulphide concentrations of up to 5%. The sulphides comprise pyrite and or pyrrhotite only except at one location, POI 23, where minor disseminated chalcopyrite was observed. A total of 7 rock samples were collected in January and a further 12 samples were collected in October. All samples were analysed by ALS Global at their facility in North Vancouver. A brief description of

the geological observations at each POI is presented below. The assay results are presented in Appendix 1, the rock sample location and description information in Appendix 2.

7.1 Description of Targets Examined

POI's 15-17 (Figure 3)

These targets were located outside the main claims so one new mineral claim, GPG 7, tenure no. 935509 was staked to cover all three POI's.

POI 17 – This site was tested by three rock samples, POI 17-WR1 to 3. Sample WR1 was from a piece of rhyolite float, grey coloured, fine-grained and fractured with narrow veinlets/gashes of quartz infill. WR2 was a piece of subcrop from the bank of a creek of green andesite tuff, non-magnetic, with traces of disseminated pyrite. WR3 was from massive to weakly bedded grey limestone. Samples WR1 to WR 3 reported no anomalous results.

POI 16 – There was no outcrop at the actual site of the POI, two samples were collected from outcrops approximately 200 metres east of the site. Sample WR4 was from silicified limestone cut by iron-carbonate veinlets, there were no sulphides observed in the sample. Sample WR5 was from silicified andesite or dacite. The sample contained 1-2% fine-grained disseminated pyrite and <1% blue-green chalcedonic "eyes" (blue quartz eyes) as well as garnet and epidote skarn material. Neither sample returned any anomalous base or precious metal results.

POI 15 – this site was not visited at either time. During the October trip access to within 400 metres of the site was achieved. Access was along a deactivated road and the only outcrops observed along the road were grey, massive limestone that is unlikely to carry any mineralization. Visual observations on the neighbouring hills and general area do not reveal any gossans or apparent change in rock type. The anomaly remains unexplained.

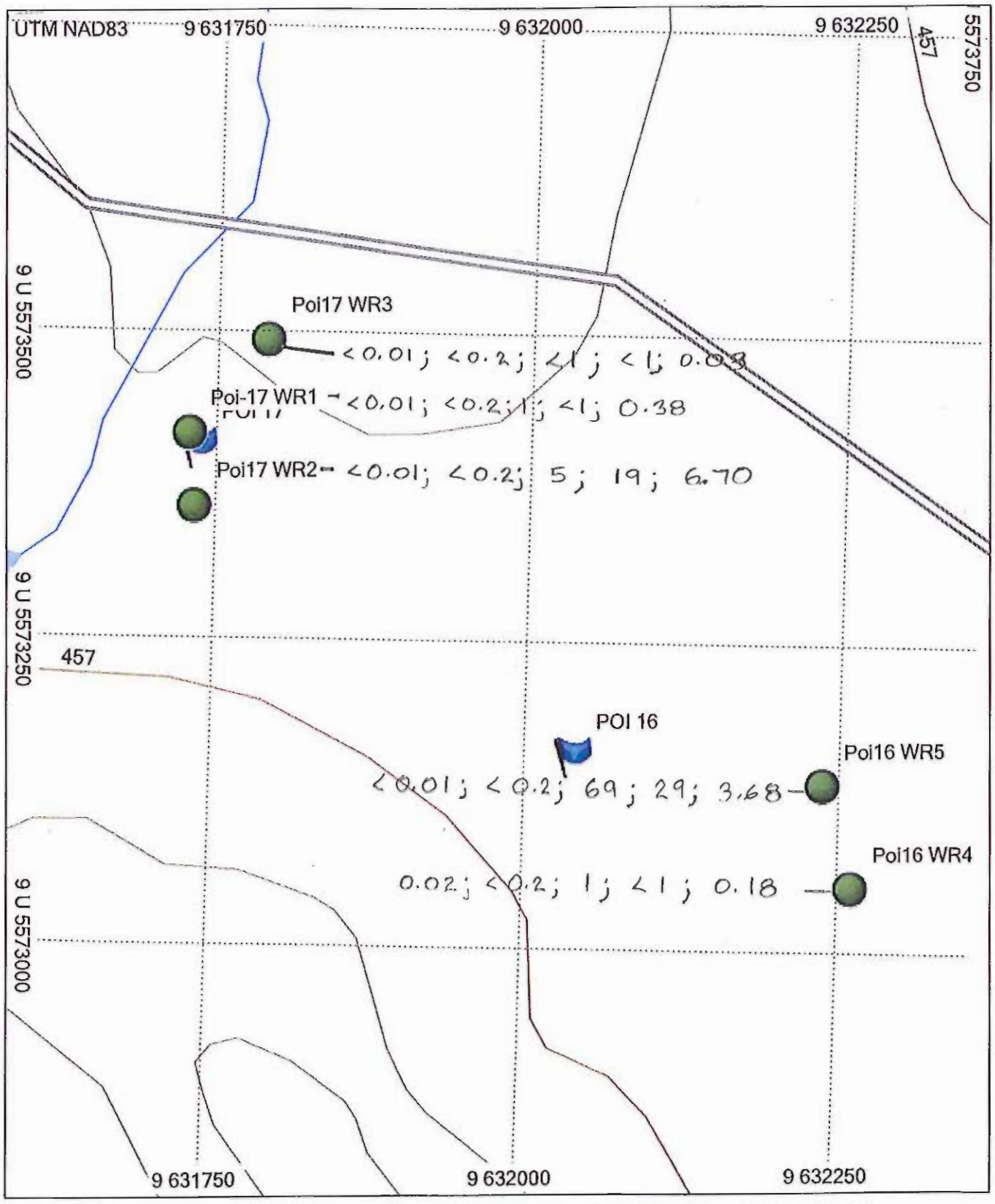


Figure 3 - POI 16+17 - Sample Location

Legend: sample location | Poi 17 WR1 sample number | <0.01 Au-ppm | <0.2 Ag-ppm | <1; Cu ppm | <1; Co ppm | 0.03 Fe %

POI 4 (Figure 4)

POI 4 – This site is within the MW claims and lies on a hillside above the camp at Kathleen Lake. The actual site was not visited, however a creek approximately 250 metres downstream from the site was looked at to see if any mineralized float could be found. Two samples were collected, WR 6 and WR 7. Both are of strongly epidote flooded rock, the host is unknown given the near complete replacement with epidote. Locally the two samples contained pink staining and veins, believed to be potassic alteration up to 5% and both samples had traces of disseminated pyrite .Neither sample reported precious or base metal anomalies though sample WR7 assayed 85ppm arsenic, one of the higher arsenic results from the samples collected.

POI 5 (Figures 5, 6)

POI 5 – this site is on the MW main claim block. A total of three rock samples were collected from this area along the side of a road north and west of the actual POI location. Samples 43545 and 43546 are both of a coarse-grained diorite to gabbro intrusive, the main Merry Widow intrusive that underlies Merry Widow Mountain. These samples do not have any sulphides but both contain 1-3% coarse grained magnetite crystals and disseminations within the actual intrusive, implying that they formed when the intrusive itself was emplaced. This would help explain why there is such a strong magnetic anomaly at Merry Widow Mtn. Sample 43547 was taken from a fault zone approximately 150 metres NW of the POI site. A fine-grained mafic volcanic rock (andesite to basalt) is cut by an obvious fault that is sheared to partial clay with strong iron-oxide staining. The sample has about 1% strongly oxidized pyrite cubes. None of the three samples returned any significant assays.

POI 8 (Figures 5, 7)

POI 8 – This area is also within the main MW claims. The area is characterized by a rusty stained zone, andesitic volcanics, cut by a syenitic dyke that is at least 10 metres wide. The mineralization is believed to be related to the dyke emplacement, which heated up the volcanics surrounding the dyke with subsequent hornfelsing of the volcanics and the introduction of 1-3% pyrite. Two samples were taken, 43548 and 43549. Sample 43548 is from the andesite and has about 3-5% disseminated pyrite on both fractures and disseminated in the matrix. Sample 43549 is right at the contact zone between the dyke and the volcanics, the contact is sharp, strongly oxidized and has about tr-1% disseminated pyrite. Neither sample returned anomalous results though sample 43549 assayed 2330 ppm phosphorous, the highest results from any of the samples collected on the POI's.

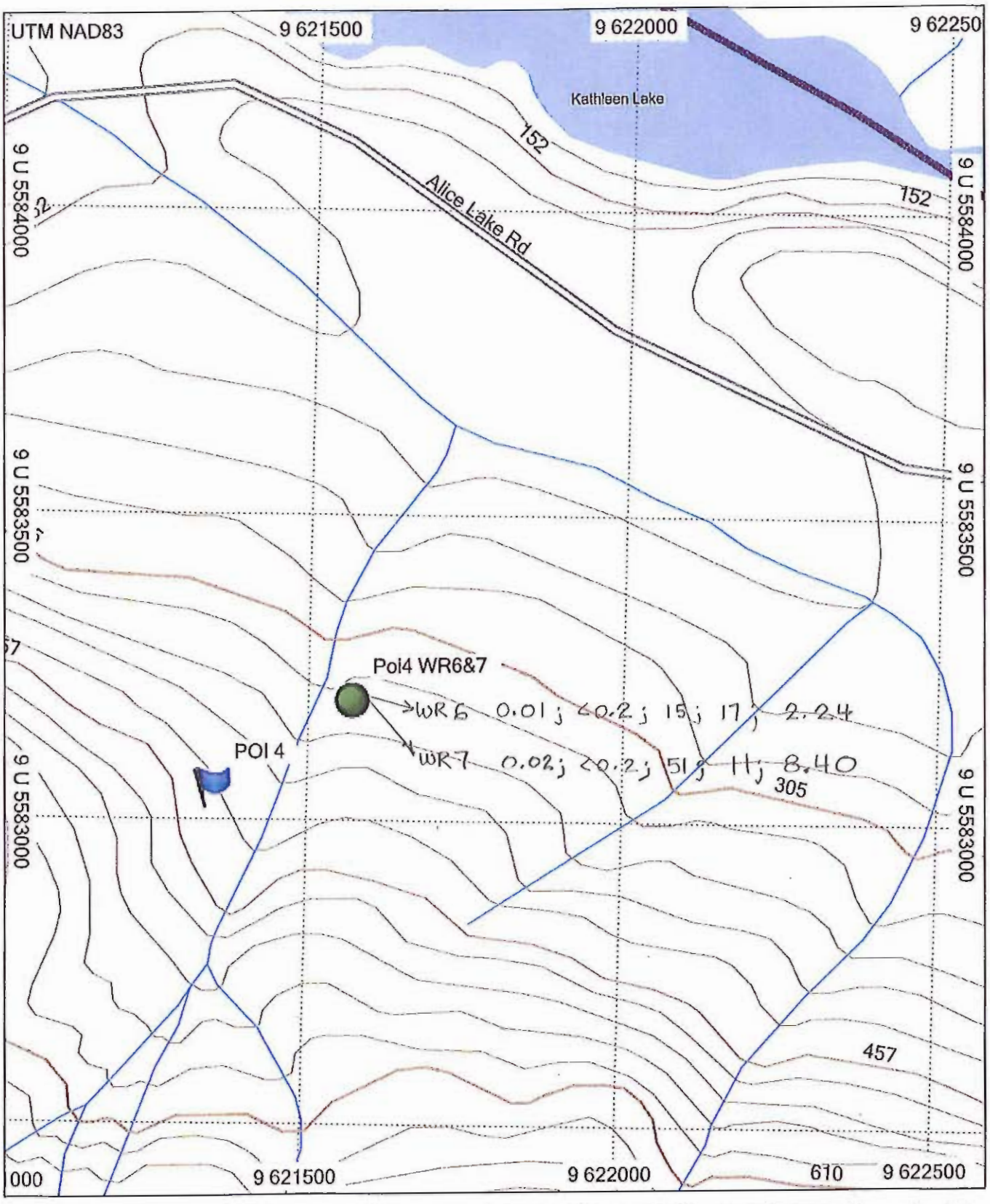


Figure 4 - POI 4 - Sample Locations

Legend

	Poi4 WR6	0.01;	<0.2;	15;	17;	2.24
sample location	sample number	Au ppm	Ag ppm	Cu ppm	Co ppm	Fe %

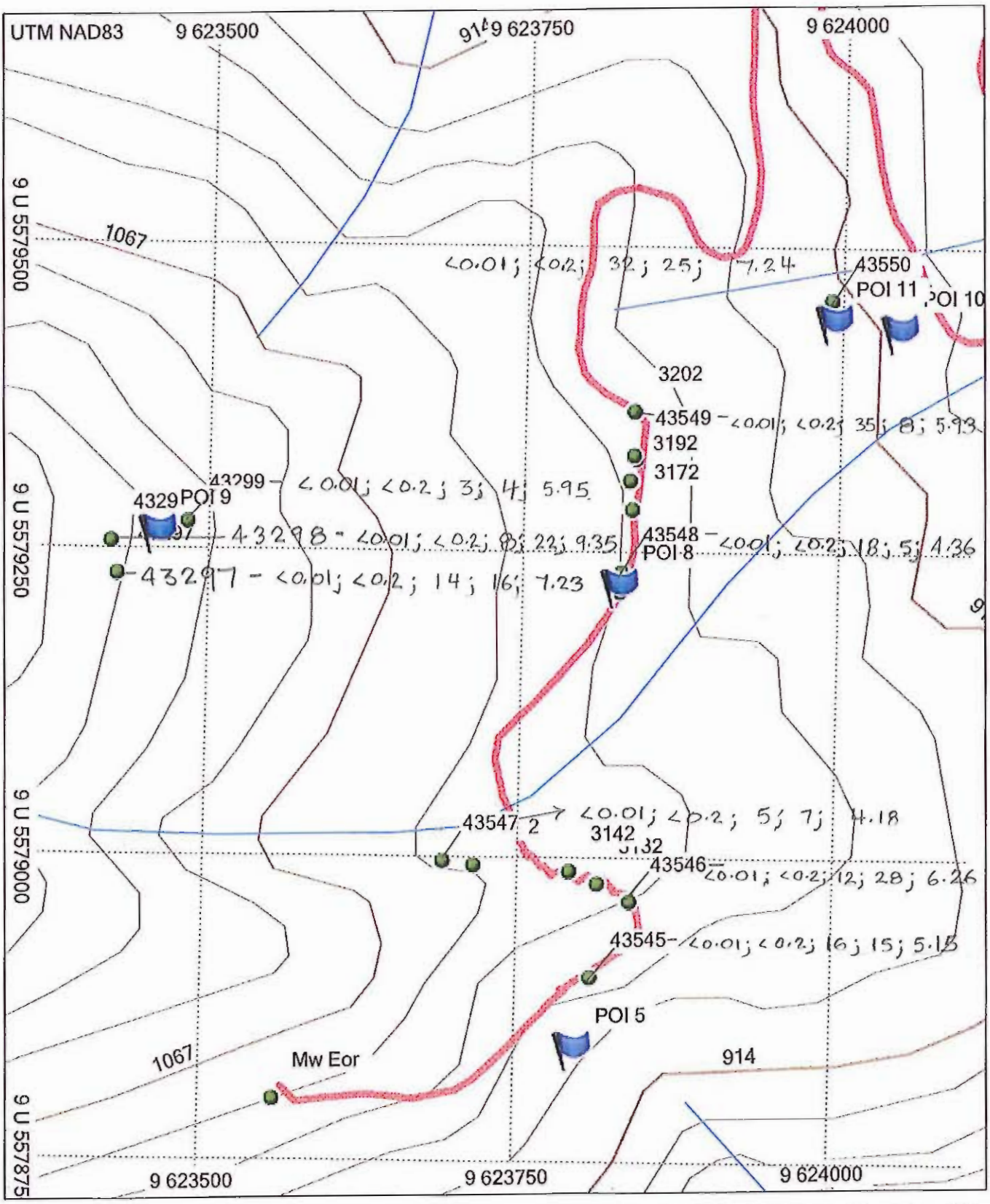


Figure 5 - POI's 5, 8, 9, 10, 11 General Location

Legend

sample location	43545 - sample number	<0.01; Au-ppm	<0.2; Ag-ppm	16; Cu ppm	15; Co ppm	5.15 Fe %

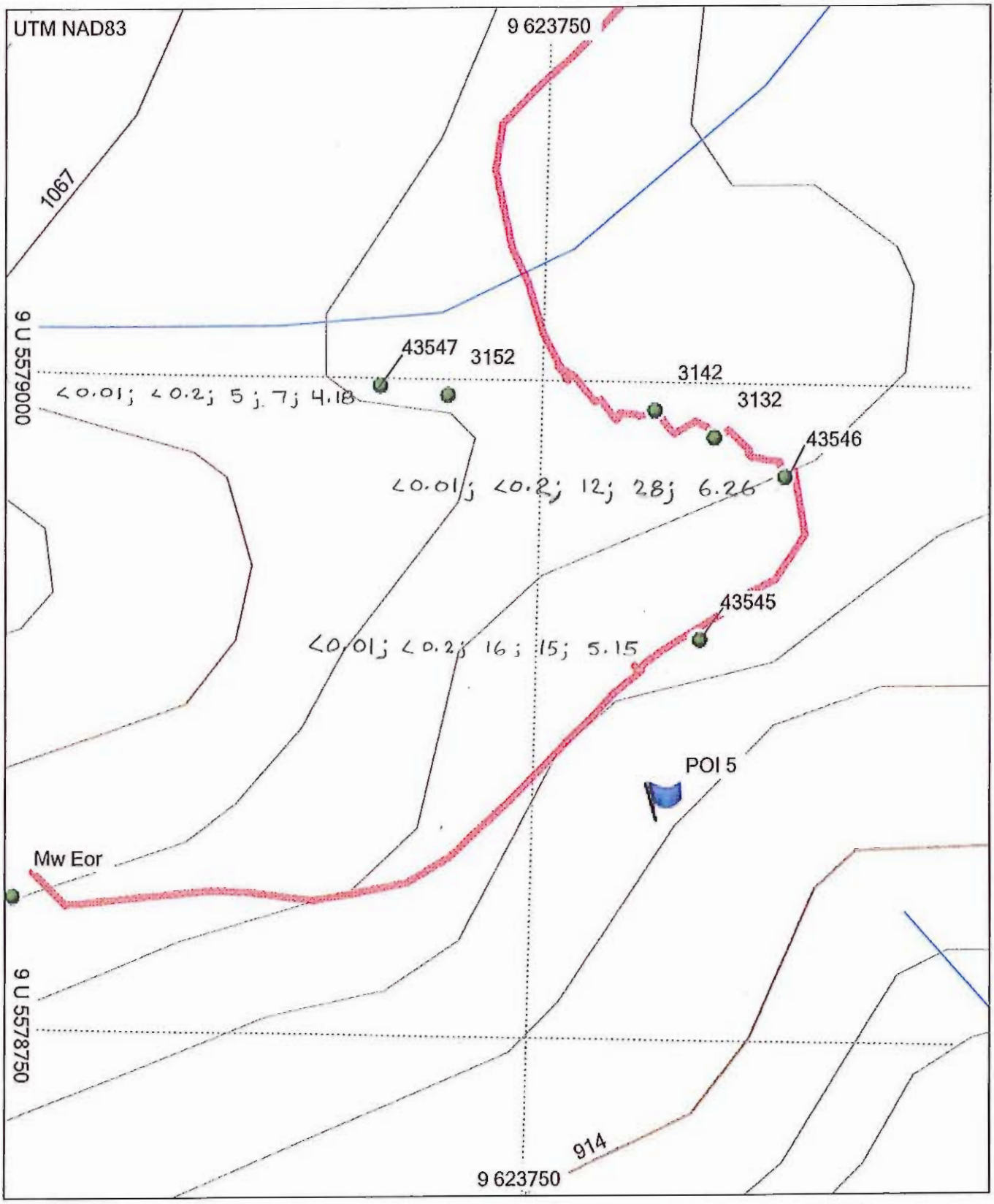


Figure 6 - POI 5 - Sample Locations

Legend	○	43545 -	<0.01;	<0.2;	16;	15;	5.15
	sample location	sample number	Au - ppm	Ag - ppm	Cu ppm	Co ppm	Fe ppm

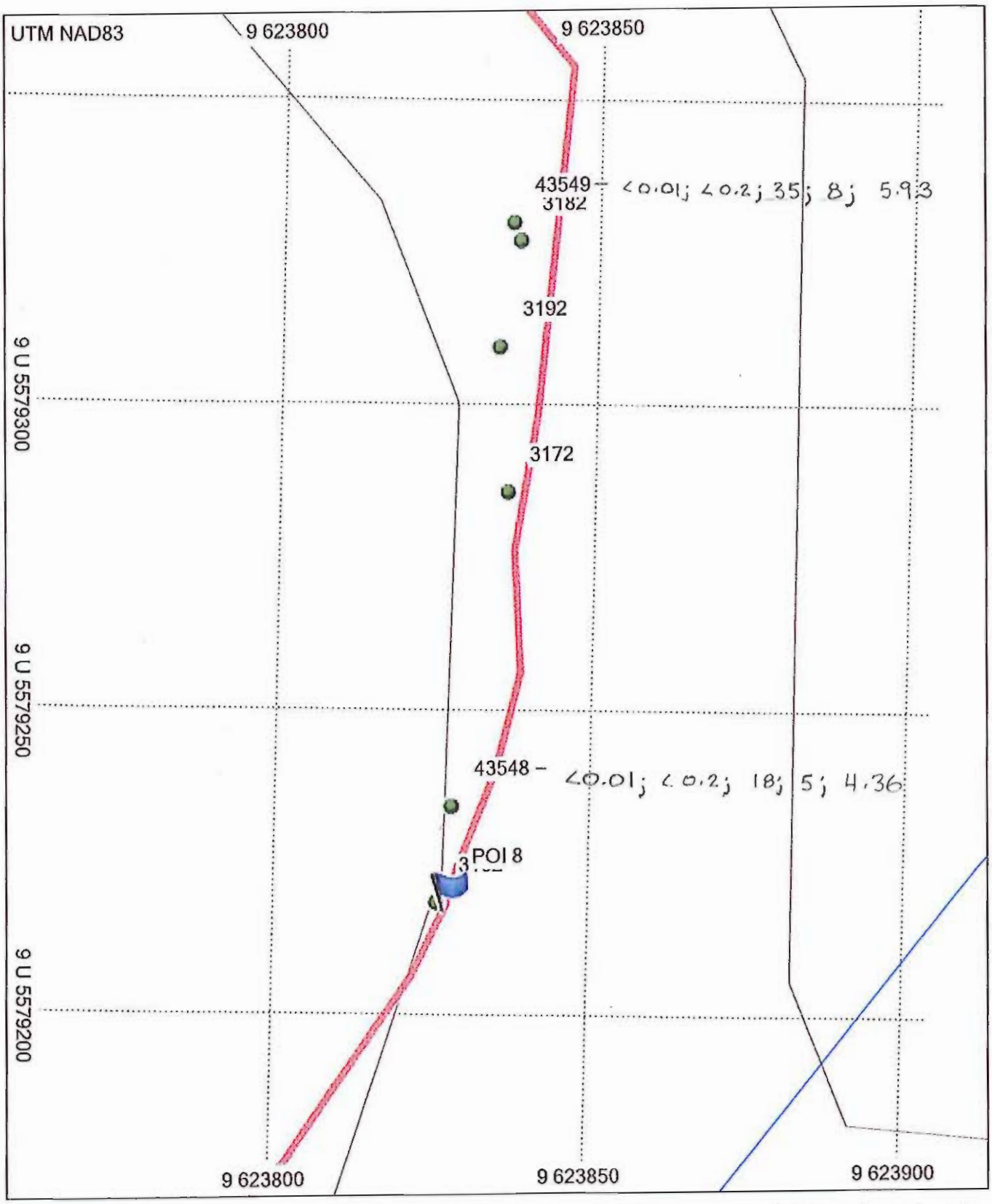


Figure 7 - POI 8 - Sample Locations

Legend · sample location | 43548 - sample number | <0.01; Au-ppm | <0.2; Ag-ppm | 18; Cu ppm | 5; Co ppm | 4.36 Fe %

POI 9 (Figures 5, 8)

POI 9 – This POI site lies within the main MW claims. A total of 3 rock samples were collected from this area, 43297 to 43299. The bulk of the area is underlain by a coarse-grained dark green gabbro to diorite. The unit is strongly magnetic and has 1-3% disseminated, coarse-grained magnetite crystals in the matrix. This same unit seems to occur throughout much of the upper reaches of Merry Widow Mountain. Samples 43297 and 43298 are of this dioritic to gabbroic intrusive and both host 1-3% magnetite crystals and a few blebs of epidote. Sample 43299 was collected about 60 metre east of the above samples and is from a fine-grained andesite. The unit looks a bit hornfelsed, is moderately magnetic and has trace-1% disseminated fine-grained pyrite cubes. The actual intrusive/volcanic contact was not observed but it likely quite close to the actual POI site as the samples collected flank the actual site.

None of the samples returned any significant results.

POI's 10 and 11 (Figures 5, 9)

POI's 10 and 11 – this area is underlain by granodiorite to diorite intrusive that is coarse-grained and contains 1-3% magnetite crystals as disseminations within the matrix. The rock unit looks the same as that tested by POI 5. There were also mafic clots up to several centimetres in diameter observed within the diorite, these clots are comprised of hornblende-chlorite-magnetite. One sample was taken, 43550, and it contained about 1-2% disseminated magnetite. The sample was taken about 20 metres north of POI 11, there was no outcrop observed at POI 10 but it is believed that POI 10 is underlain by the same unit as that was the only rock type observed in the general area. The sample taken did not return any anomalous results.

POI 23 (Figure 10)

POI 23 – This isolated POI was in open ground and is now covered by mineral claim GPG 6, tenure no. 935489. This is the only POI site visited where mineralization other than pyrite was observed; at this location minor chalcopyrite was noted in a few places. The area was accessed along a deactivated logging road that led to a small quarry. The host rock is a massive andesite that has been cut by epidote veining and pods of epidote that are following shear zone structures.

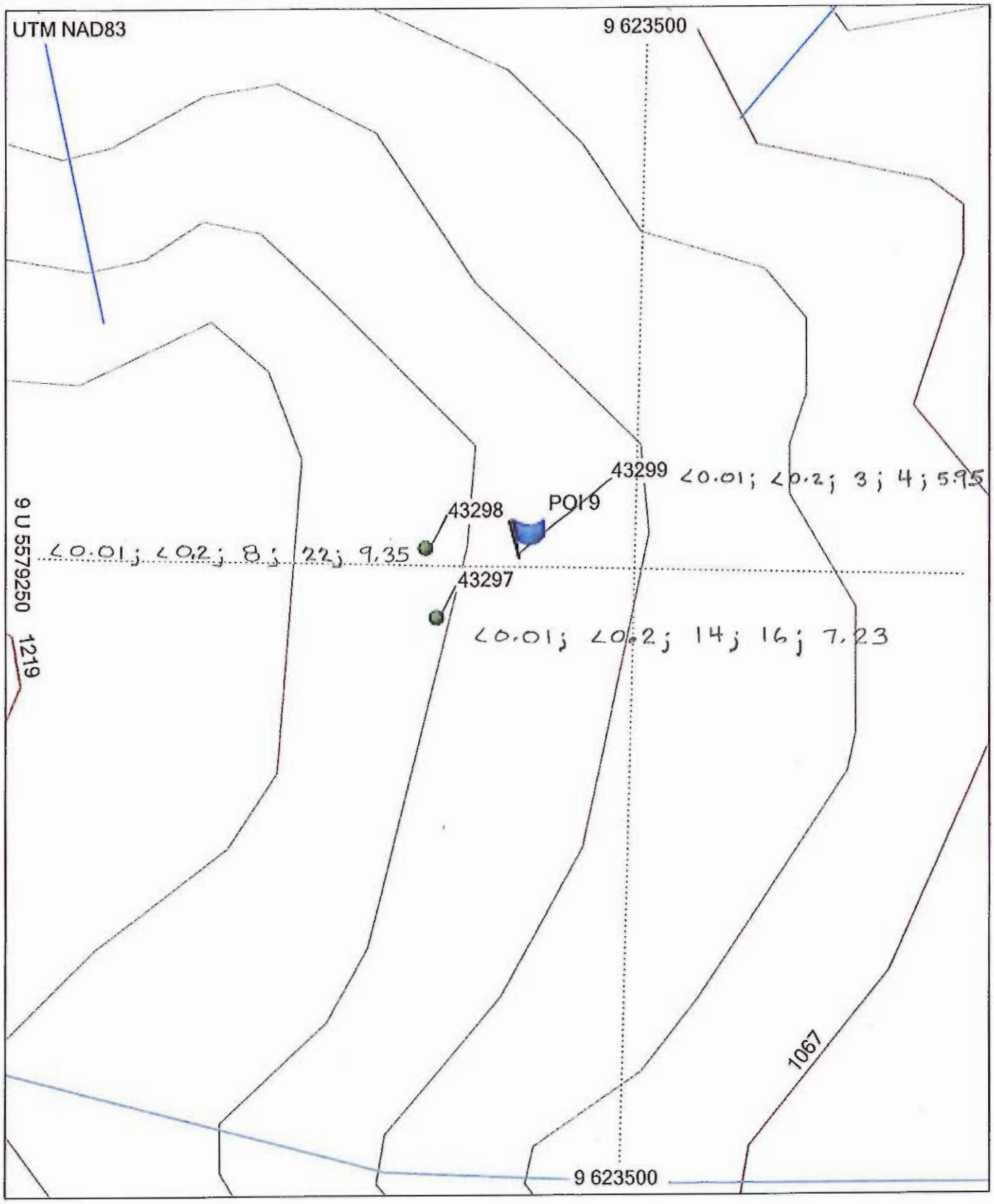


Figure 8 - POI 9 - Sample Locations

Legend

sample location	43297 - sample number	<0.01; Au - ppm	<0.2; Ag - ppm	14; Cu ppm	16; Co ppm	7.23 Fe %

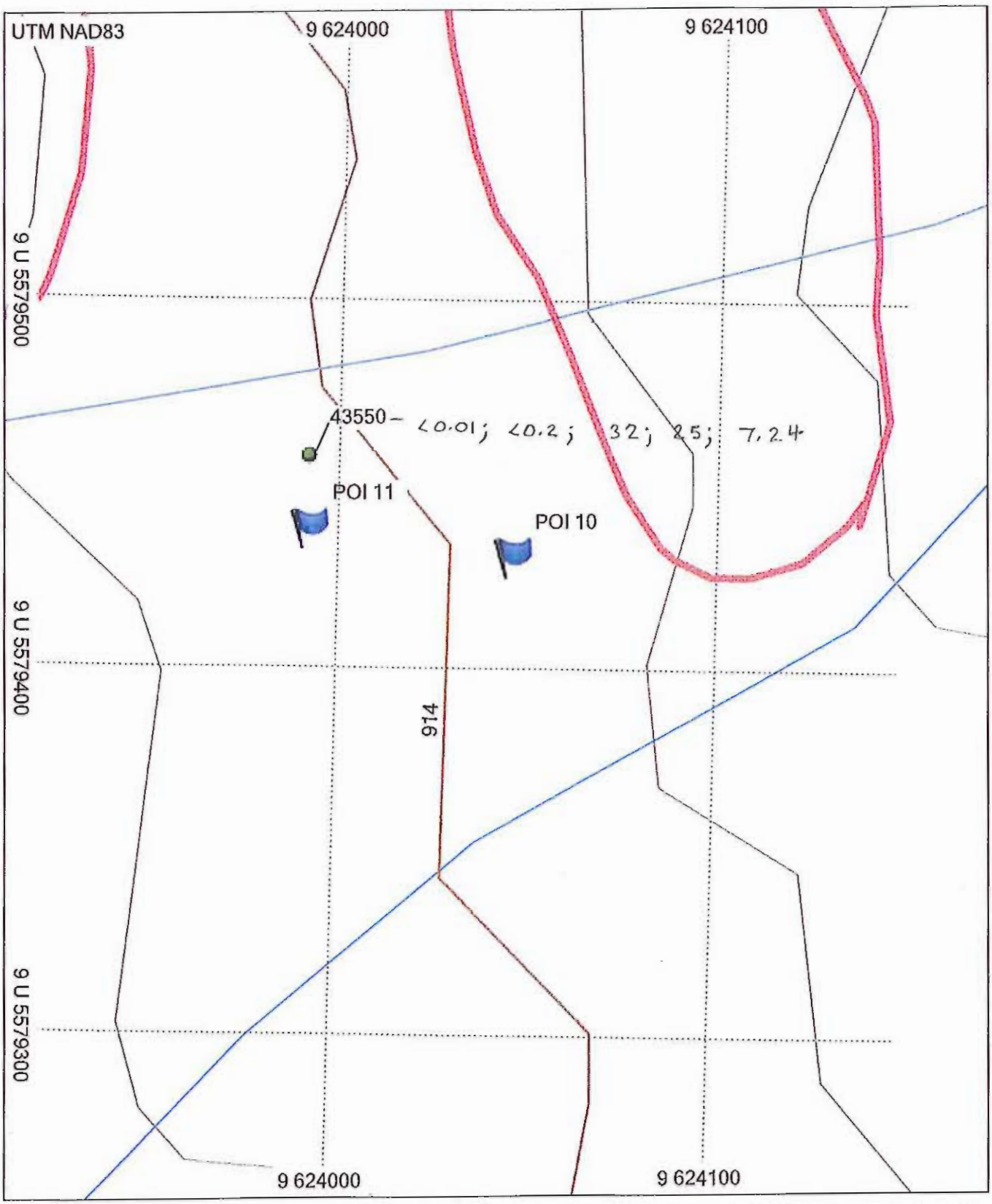


Figure 9 - POI 10+11 - Sample Locations

Legend | sample location | 43550 - sample number | <0.01; Au - ppm | <0.2; Ag - ppm | 32; Cu ppm | 25; Co ppm | 7.24 Fe %

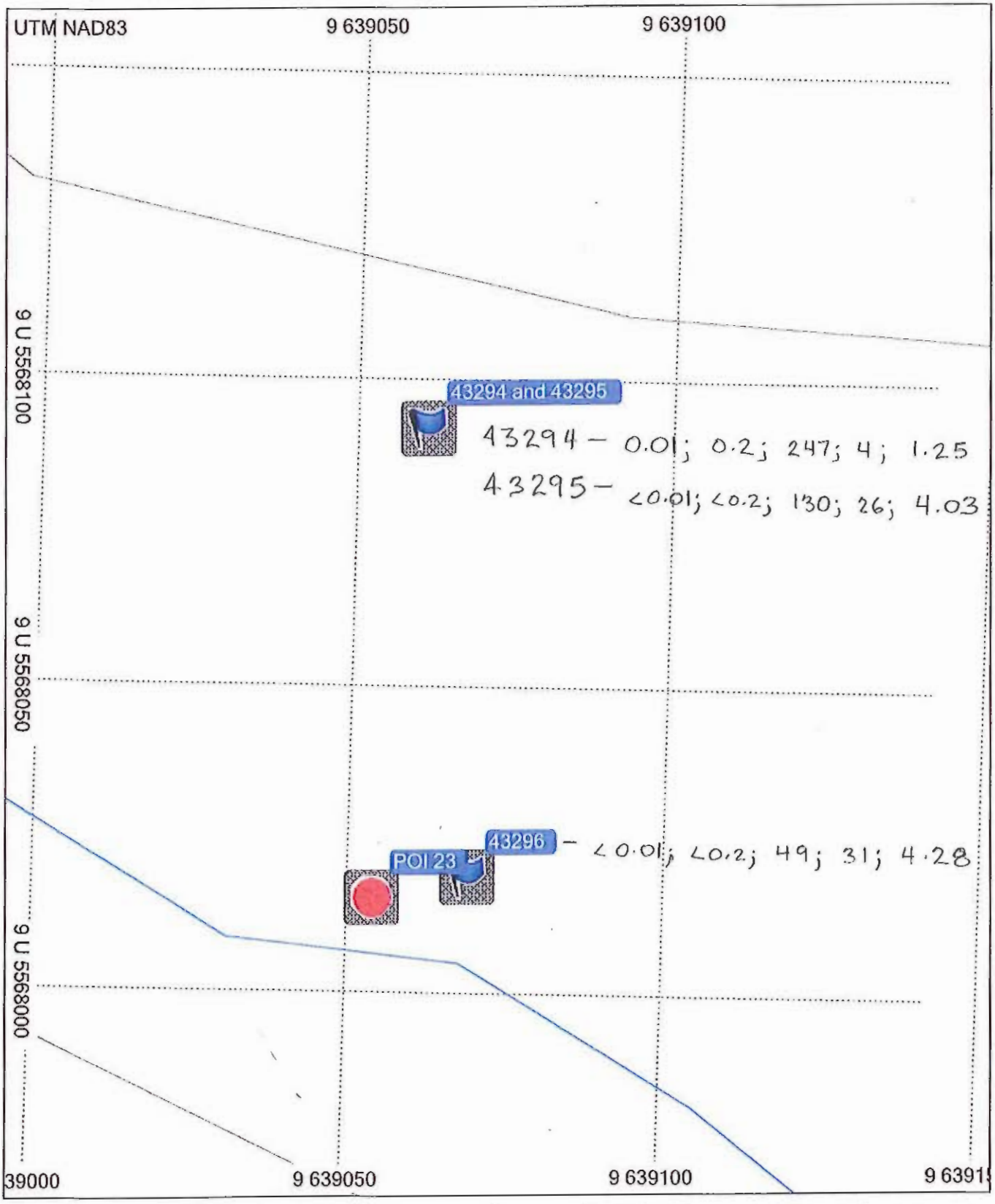


Figure 10- POI 23 - Sample Location

Legend	○ sample location	43294 – sample number	0.01 Au-ppm	0.2 Ag-ppm	247 Cu ppm	4 Co ppm	1.25 Fe ppm

Three samples were collected at this site. Sample 43294 is a 60 cm chip over a pod of massive epidote, the sample is up to 90% epidote with 10% quartz fragments as well as limonite and manganese staining and traces of sulphides. A small piece of malachite stained rock was found in a nearby dump pile along the side of the road. Sample 43295 is also from the quarry area and is a grab sample of the host andesite that has been cut by 2-5% quartz-epidote stringer veinlets, the veinlets have a core of quartz enveloped by epidote along the margins of the vein. The sample has a distinct orange-brown weathering rind on the weathered surface. Sample 43296 was collected about 10 metres east of the actual POI and 75 metres south of samples 43294 and 43295. The host rock is the same mafic volcanic unit, at this location it contains approximately 10-20% epidote stringer veinlets and a few small specks of both pyrite and chalcopyrite.

Two of the three samples collected, 43294 and 43295 returned elevated copper values of 247 and 130 ppm respectively. While these results are not anomalous they do demonstrate that the host rocks have some potential for copper mineralization. Samples 43295 and 43296 had higher than average nickel values as well, assaying 45 and 41 ppm respectively, perhaps reflecting the more mafic nature of the rock.

7.2 POI targets Not Examined

Merry Widow Area

The following POI targets have not been visited:

-POI 1 – This site is way up Craft Creek that there is no decent access, given its location it is probably related to the Merry Widow intrusion

-POI 2 – this site is all by itself and is outside the current claim boundaries. It is an isolated site with absolutely no road access. The nearest road is 2km to the east with about a 500m elevation gain to get to the site.

-POI 3 – this site is on the west side of Merry Widow Mountain, near the peak. It is in the same area as POI's 5, 8 and 9 and is likely related to the intrusive, probably more magnetite crystals in diorite or gabbro.

-POI 7 this site in in the Craft Creek drainage. The road is in such bad shape that it is nearly impossible for even a quad to get up. The site was flown over when trying to access another area, there was no suitable spot to land and nothing of interest was observed in the area.

8.0 Conclusions and Recommendations

Overall this proprietary method of “geophysical” surveying did not reveal any significant mineralization on surface in the immediate area of the anomalies. The survey method consistently lead to areas of rusty stained rock and/or primary magnetite in the host intrusive but did not lead to any new copper mineralization The one exception was at POI 23, where weak disseminations of chalcopyrite were observed in hand samples. This area did not return any potentially economic copper assays but the presence of chalcopyrite with fairly intense epidote alteration warrants additional followup.

9.0 Statement of Expenditures – Merry Widow 2012

MW MAIN CLAIMS	$/day	# days		Total	
Wesley Raven	$600	7		$4,200	
John Dureen	$140	7		$980	
Mike Terrell	$225	4		$900	
Truck	$110	7		$770	
Truck Gas	$40	7		$280	
Truck Radio	$15	7		$105	
ATV	$80	7		$560	
Samples	$38.90	11		$428	
Hotel and Meals	$210	7		$1,470	
Helicopter(50%)				$1,097	
Total				**$10,789**	
GPG 6					
Wesley Raven	$600	1		$600	
John Dureen	$140	1		$140	
Mike Terrell	$225	1		$225	
Truck	$110	1		$110	
Truck Gas	$40	1		$40	
Truck Radio	$15	1		$15	
ATV	$80	1		$80	
Samples	$38.90	3		$117	
Hotel and Meals	$210.00	1		$210	
Total				**$1,537**	
GPG 7					
Wesley Raven	$600	1		$600	
John Dureen	$140	1		$140	
Mike Terrell	$225	1		$225	
Truck	$110	1		$110	
Truck Gas	$40	1		$40	
Truck Radio	$15	1		$15	
ATV	$80	1		$80	
Samples	$38.90	5		$195	
Hotel and Meals	$210	1		$210	
Total				**$1,615**	

10.0 Certificate of Qualifications

I, WESLEY RAVEN, of 108-1720 West 12th Avenue, Vancouver, British Columbia hereby certify:

1. I am a graduate of the University of British Columbia (1983) and hold a BSc. degree in geology.
2. I have been employed in my profession with various companies since 1983.
3. I am a member of the Association of Professional Engineers and Geoscientists of British Columbia, and have been registered since 1992. I am also a Fellow of the Geological Association of Canada and have been a member since 1989.
4. I am responsible for preparation of all sections of this report utilizing data summarized in the References section of this report and from conducting the onsite exploration programs.
5. I am an independent geological consultant

Wesley Raven

Wesley Raven, P. Geo.
DATED at Vancouver, British Columbia, this 6th day of November, 2012

11.0 References

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APPENDIX 1

ANALYTICAL RESULTS

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: GRANDE PORTAGE RESOURCES LTD.
SUITE 202 - 750 WEST PENDER STREET
VANCOUVER BC V6C 2T7

Finalized Date: 15-FEB-2012
Account: GRAPOR

CERTIFICATE VA12023430

Project: Merry Widow

P.O. No.:

This report is for 14 Rock samples submitted to our lab in Vancouver, BC, Canada on 3-FEB-2012.

The following have access to data associated with this certificate:

MICHELE *FOR PASS PROJECT*	WESLEY RAVEN	

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Au-AA25	Ore Grade Au 30g FA AA finish	AAS

To: GRANDE PORTAGE RESOURCES LTD.
ATTN: WESLEY RAVEN
SUITE 202 - 750 WEST PENDER STREET
VANCOUVER BC V6C 2T7

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

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: GRANDE PORTAGE RESOURCES LTD.
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VANCOUVER BC V6C 2T7

Finalized Date: 15-FEB-2012
Account: GRAPOR

Project: Merry Widow

CERTIFICATE OF ANALYSIS VA12023430

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg .02	Au-AA25 Au ppm 0.01	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
POI-17 WR1		0.90	<0.01	<0.2	0.03	5	<10	<10	<0.5	<2	>25.0	<0.5	<1	1	1	0.38
POI-17 WR2		Not Recvd														
POI-17 WR3		1.12	<0.01	<0.2	0.04	4	<10	<10	<0.5	<2	>25.0	<0.5	<1	1	<1	0.03
POI-16 WR4		1.00	0.02	<0.2	0.05	8	<10	<10	<0.5	<2	20.8	<0.5	<1	3	1	0.18
POI-16 WR5		1.24	<0.01	<0.2	4.95	<2	60	40	<0.5	<2	9.7	<0.5	29	165	69	3.68
POI-14 WR6		2.72	0.01	<0.2	1.76	<2	<10	<10	<0.5	<2	4.84	<0.5	17	6	15	2.24
POI-14 WR7		1.38	0.02	<0.2	1.10	85	<10	<10	<0.5	<2	11.6	<0.5	11	7	51	8.40
POI-29 WR8		0.82	<0.01	<0.2	1.15	51	<10	20	<0.5	<2	15.3	<0.5	6	26	36	2.40
POI-29 WR9		1.18	0.01	0.6	0.27	5390	<10	10	<0.5	<2	>25.0	<0.5	2	2	6	2.65
POI-29 WR10		1.40	<0.01	<0.2	2.77	24	<10	10	<0.5	<2	2.15	<0.5	10	48	57	4.35
POI-29 WR11		1.26	<0.01	<0.2	3.19	53	<10	30	<0.5	<2	2.06	<0.5	14	25	43	4.27
POI-27-28 WR12		2.00	<0.01	<0.2	2.73	23	<10	20	<0.5	<2	2.05	<0.5	27	11	53	6.76
POI-30-32 WR13		1.72	<0.01	<0.2	4.25	7	<10	20	<0.5	<2	2.09	<0.5	23	29	63	6.01
POI-12 SOUTH WR14		3.12	<0.01	<0.2	1.39	107	<10	50	<0.5	<2	2.42	<0.5	10	19	24	3.21

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VANCOUVER BC V6C 2T7

Finalized Date: 15-FEB-2012
Account: GRAPOR

Project: Merry Widow

CERTIFICATE OF ANALYSIS VA12023430

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
POI-17 WR1		<10	<1	0.01	<10	0.98	97	<1	0.01	1	20	<2	0.03	2	1	488
POI-17 WR2																
POI-17 WR3		<10	<1	0.01	<10	3.00	31	<1	0.01	1	20	<2	0.03	<2	<1	408
POI-16 WR4		<10	<1	0.01	<10	10.45	72	<1	0.01	2	40	<2	0.02	<2	1	213
POI-16 WR5		10	<1	0.03	10	5.39	502	<1	0.01	172	800	3	0.30	2	7	85
POI-14 WR6		<10	<1	0.02	<10	1.28	518	<1	0.03	9	950	<2	0.01	<2	3	340
POI-14 WR7		10	<1	<0.01	<10	0.47	1080	<1	0.01	3	190	<2	0.09	<2	2	240
POI-29 WR8		<10	<1	0.09	10	0.94	553	1	0.03	19	570	6	1.09	3	7	600
POI-29 WR9		<10	<1	0.04	10	0.96	2970	<1	0.01	3	80	5	0.54	153	1	827
POI-29 WR10		10	<1	0.03	<10	1.54	398	<1	0.06	22	620	10	1.23	3	7	35
POI-29 WR11		10	<1	0.04	<10	1.57	616	<1	0.24	16	870	5	0.42	2	9	116
POI-27-28 WR12		10	<1	0.05	<10	1.77	763	<1	0.16	12	1410	7	1.82	<2	8	106
POI-30-32 WR13		10	<1	0.03	<10	2.26	1020	<1	0.31	15	1190	<2	0.23	3	12	132
POI-12 SOUTH WR14		10	<1	0.14	10	0.95	846	<1	0.05	15	770	4	0.65	5	6	70

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VANCOUVER BC V6C 2T7

Finalized Date: 15-FEB-2012
Account: GRAPOR

Project: Merry Widow

CERTIFICATE OF ANALYSIS VA12023430

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
POI-17 WR1		<20	<0.01	<10	10	3	<10	3
POI-17 WR2								
POI-17 WR3		<20	<0.01	<10	10	4	<10	5
POI-16 WR4		<20	<0.01	<10	10	11	<10	3
POI-16 WR5		<20	0.19	<10	<10	111	<10	56
POI-14 WR6		<20	0.22	<10	<10	25	<10	32
POI-14 WR7		<20	0.20	<10	<10	38	<10	19
POI-29 WR8		<20	0.01	<10	<10	48	<10	126
POI-29 WR9		<20	<0.01	<10	<10	6	<10	14
POI-29 WR10		<20	0.13	<10	<10	92	<10	120
POI-29 WR11		<20	0.17	<10	<10	100	<10	78
POI-27-28 WR12		<20	0.21	<10	<10	135	<10	55
POI-30-32 WR13		<20	0.39	<10	<10	163	<10	80
POI-12 SOUTH WR14		<20	0.01	<10	<10	39	<10	71

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VANCOUVER BC V6C 2T7

Finalized Date: 26-OCT-2012
Account: GRAPOR

CERTIFICATE VA12244879

Project: Merry Widow

P.O. No.: Merry Widow

This report is for 13 Rock samples submitted to our lab in Vancouver, BC, Canada on 17-OCT-2012.

The following have access to data associated with this certificate:

MICHELE *FOR PASS PROJECT*	IAN KLASSEN	WESLEY RAVEN

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Au-AA25	Ore Grade Au 30g FA AA finish	AAS

To: GRANDE PORTAGE RESOURCES LTD.
ATTN: WESLEY RAVEN
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:
Colin Ramshaw, Vancouver Laboratory Manager

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To: GRANDE PORTAGE RESOURCES LTD.
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VANCOUVER BC V6C 2T7

Finalized Date: 26-OCT-2012
Account: GRAPOR

Project: Merry Widow

CERTIFICATE OF ANALYSIS VA12244879

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA25 Au ppm 0.01	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
43545		1.36	<0.01	<0.2	1.48	4	<10	20	<0.5	<2	1.25	<0.5	15	1	16	5.15
43546		1.28	<0.01	<0.2	2.43	5	<10	10	<0.5	<2	2.41	<0.5	28	<1	12	6.26
43547		0.98	<0.01	<0.2	1.86	10	<10	10	0.5	<2	0.15	<0.5	7	<1	5	4.18
43548		1.38	<0.01	<0.2	0.69	4	<10	20	<0.5	<2	0.45	<0.5	5	<1	18	4.36
43549		1.06	<0.01	<0.2	1.27	9	<10	10	<0.5	<2	0.98	<0.5	8	<1	35	5.93
43550		1.60	<0.01	<0.2	1.78	<2	<10	20	<0.5	<2	1.14	<0.5	25	<1	32	7.24
43294		1.74	0.01	0.2	1.13	<2	<10	<10	<0.5	<2	1.91	<0.5	4	15	247	1.25
43295		2.34	<0.01	<0.2	3.45	<2	10	10	<0.5	<2	4.10	<0.5	26	31	130	4.03
43296		1.74	<0.01	<0.2	2.70	<2	<10	<10	<0.5	<2	2.15	<0.5	31	21	49	4.28
43297		1.20	<0.01	<0.2	1.46	<2	<10	30	<0.5	<2	1.29	<0.5	16	<1	14	7.23
43298		1.00	<0.01	<0.2	1.80	2	<10	30	<0.5	<2	1.36	<0.5	22	<1	8	9.35
43299		1.10	<0.01	<0.2	1.77	3	<10	<10	0.5	<2	2.32	<0.5	4	<1	3	5.95
POI-17WR2		2.34	<0.01	<0.2	3.80	<2	10	10	<0.5	3	2.40	<0.5	19	<1	5	6.70

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To: GRANDE PORTAGE RESOURCES LTD.
SUITE 202 - 750 WEST PENDER STREET
VANCOUVER BC V6C 2T7

Finalized Date: 26-OCT-2012
Account: GRAPOR

Project: Merry Widow

CERTIFICATE OF ANALYSIS VA12244879

Sample Description	Method / Analyte / Units / LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
43545		10	<1	0.10	<10	0.88	383	<1	0.14	7	410	<2	<0.01	<2	5	32
43546		10	<1	0.08	<10	1.84	1110	<1	0.07	3	710	4	0.62	<2	24	40
43547		10	<1	0.03	10	0.26	318	<1	0.04	<1	570	4	<0.01	<2	7	15
43548		10	<1	0.08	10	0.22	550	1	0.09	<1	950	2	2.19	<2	6	9
43549		10	<1	0.06	10	0.73	645	<1	0.07	<1	2330	2	0.15	<2	9	16
43550		10	<1	0.08	<10	0.72	337	<1	0.18	<1	380	<2	0.17	<2	8	34
43294		<10	<1	<0.01	<10	0.19	164	<1	0.01	8	390	<2	0.01	2	3	380
43295		10	<1	<0.01	<10	1.32	509	<1	0.02	45	490	<2	0.01	<2	8	88
43296		10	<1	<0.01	<10	1.81	734	<1	0.01	41	490	<2	<0.01	<2	9	117
43297		10	<1	0.07	<10	0.59	431	<1	0.15	<1	770	6	0.01	2	4	39
43298		10	<1	0.05	<10	0.86	557	<1	0.17	<1	320	2	<0.01	2	8	40
43299		20	<1	0.01	10	0.70	1790	<1	0.07	<1	1580	2	0.13	<2	13	23
POI-17WR2		10	<1	0.04	<10	2.25	1220	<1	0.18	<1	890	<2	0.09	<2	11	90

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Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOR	20	0.01	10	10	1	10	2
43545		<20	0.27	<10	<10	313	<10	43
43546		<20	0.25	<10	<10	282	<10	82
43547		<20	<0.01	<10	<10	24	<10	59
43548		<20	0.15	<10	<10	2	<10	87
43549		<20	0.32	<10	<10	11	<10	71
43550		<20	0.33	<10	<10	518	<10	58
43294		<20	0.42	<10	<10	71	<10	6
43295		<20	0.54	<10	<10	160	<10	52
43296		<20	0.53	<10	<10	123	<10	62
43297		<20	0.28	<10	<10	306	<10	32
43298		<20	0.40	<10	<10	427	<10	17
43299		<20	0.32	<10	<10	2	<10	110
POI-17WR2		<20	0.52	10	<10	93	<10	47

APPENDIX 2

ROCK SAMPLE DESCRIPTION AND LOCATION INFORMATION

Sample No	Easting	Northing	Type	Target	Description
POI-17 WR1	631727	5573415	Grab, float	POI 17	Grey rhyolite, fx's and gashes filled with qtz., tr dissm py
POI-17 WR2	631734	5573356	Grab, subcrop	POI 17	Green tuff, rusty stained, tr diss py, locally magnetic, no carbonate
POI-17 WR3	631791	5573492	Grab	POI 17	mass. To wkly bedded grey lst, dead, bedding=144/40SW, fx=244/76SE
POI-16 WR4	632262	5573052	Grab	POI 16	silic. Grey lst, strongly fractured, minor carbonate-Fe ox veinlets
POI-16 WR5	632238	5573135	Grab	POI 16	silic. And? Has 1-2% fn-gr dissm py, <1% blue qtz eyes, garnet-ep skn
POI-4 WR6	621568	5S83193	Grab, float	POI 14	intense ep altd. Rock, 5% pink potassic altn as blebs, fxs, tr dissm py
POI-4 WR7	621568	5583193	Grab, float	POI 14	ep altered rock with 1cm wide vuggy calcite vein, strongly oxidized
43545	623810	5578903	Grab	POI 5	cs-gr diorite with 2% dissm mag xals in matrix, 1-2% ep on fxs
43546	623841	5578965	Grab	POI 5	cs-gr diorite with 1-2% dissm mag xals in matrix, tr ep
43547	623690	5578998	Grab	POI 5	Fault zone, sheared to partial clay, 1% heavily ox. Py xals, trend=266/70S
43548	623828	5579234	Grab	POI 8	And flow with 5% dissm py, possible speck of cpy
43549	623836	5579330	Grab	POI 8	hornfelsed volc at dyke contact, trend=334/72SW, tr-1% py
43550	623991	5579458	Grab	POI 10&11	Granodiorite to diorite, cs-gr, 1-2% mag xals, mafic clots of hbl-chl-mag
43294	639061	5568092	Chip-60cm	POI 23	Massive ep vein/pod, up to 90% ep with 10% qtz frags, no cc, lim+Mn-ox
43295	639061	5568092	Grab	POI 23	And flow, fn-gr, 2-5% ep veinlets with a qtz core, tr py, 5% qtz frags
43296	639069	5568019	Grab	POI 23	10-20% ep stringers in altd. And, rare specks of py and cpy blebs
43297	623427	5579231	Grab	POI 9	cs-gr diorite to gabbro, str mag with 1-3% cs-gr mag xals in matrix, tr ep
43298	623422	5579257	Grab	POI 9	as above but with 2-3% mag
43299	623483	5579273	Grab	POI 9	Fn-gr andesite, hornfelsed, mog mag, no carbonate, tr dissm py cubes