



ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TITLE OF REPORT: Report on Geochemical Sampling – Deer Bay Property

TOTAL COST: \$11,749.43

AUTHOR(S): A O Birkeland, P.Eng.
SIGNATURE(S):

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): N/A
STATEMENT OF WORK EVENT NUMBER(S)/DATE(S): 5416334

YEAR OF WORK: 2012

PROPERTY NAME: Deer Bay Property

CLAIM NAME(S) (on which work was done): Tenures 516936 (n0 name), Tenure 570162 (Nick 1)

COMMODITIES SOUGHT: Cu, Ni, Co, Au, Pt, Pd

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 092F 029

MINING DIVISION: Alberni

NTS / BCGS: 092F/4,5

LATITUDE: _____ 49 ° _____ 14 ' _____ "

LONGITUDE: _____ 125 ° 35' _____ " (at centre of work)

UTM Zone: _____ EASTING: 30900 NORTHING: 842590

OWNER(S): Arne Birkeland, Peter
Buckland

MAILING ADDRESS: TH 101 – 735 15th Street West, North Vancouver, BC, V7M 0B8

OPERATOR(S) [who paid for the work]: Arne Birkeland

MAILING ADDRESS: TH 101 – 735 15th Street West, North Vancouver, BC, V7M 0B8

REPORT KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude. **Do not use abbreviations or codes**)

West Coast Crystalline Complex, Massive and disseminated sulphides associate with amphibolite.

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS:
Assessment Reports 13121, 14182, 14315, 15155, 15447, 17284, 18751

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (in metric units) 100 x 150 m	ON WHICH CLAIMS Tenures 516936, 570162	PROJECT COSTS APPORTIONED (incl. support) \$11,749.43
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOFYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for ...)			
Soil			
Silt	2		
Rock	14		
Other			
DRILLING (total metres, number of holes, size, storage location)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling / Assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale/area)			
PREPATORY / PHYSICAL			
Line/grid (km)			
Topo/Photogrammetric (scale, area)			
Legal Surveys (scale, area)			
Road, local access (km)/trail			
Trench (number/metres)			
Underground development (metres)			
Other			

	TOTAL COST	\$11,749.43
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**BC Geological Survey
Assessment Report
33803**

REPORT ON GEOCHEMICAL SAMPLING

Deer Bay Property, Alberni M.D.

NTS: 092F/4, 092/F5

Lat: 49° 14' Long: 125° 35'

Report By

Arne O. Birkeland, P. Eng.

Arnex Resources Ltd,

Report Dated: March 31, 2013

Revised: September 27, 2013

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Report on Geochemical Sampling

Deer Bay Property

1.0 Introduction

1.1 General

Geological sampling was carried out over approximately a two Ha area on float and outcrop exposed by a recent landslide on the south facing slope west of Similar Island on the Deer Bay Property. Ten person-days of field-work were conducted by A. Birkeland, P. Eng., during the periods October 16 to 25, 2012, A

The principle objective of the geochemical sampling was to investigate the occurrence sulphide rich float and outcrop exposed by a recent landslide.

A total Expenditure of \$11,749.43 was incurred as itemized in Table 2, Statement of Expenditures. This assessment report is submitted in conjunction with a Statement of Work filed on November 13, 2012 as Event Number 5416334 (Appendix I). No Notice of Work and Reclamation Permit was filed as there was no surface disturbance caused by the work which was done.

1.2 Property Description

The Deer Bay Property (formerly known as the Tofino Nickel Property), Mineral Inventory Minfile Number 092F 029, is comprised of seven contiguous mineral claims owned by Peter Buckland of Boat Basin, BC, and A. O. Birkeland (FMC 102420) of North Vancouver, B. C. (see Table 1, Figure 2). The claims cover a total area of 2,433.3066 Ha.

1.3 Location and Access

The Deer Bay Property is located in the Alberni Mining Division 25 km ENE of Tofino near the head of Tofino inlet on the west central coast of Vancouver Island (Figure 1). The center of the property is located at approximately 49° 14' north latitude and 125° 35' east longitude in NTS 092F/4,5. The Main Showing is

located on a steep timbered hillside 0.5 km north of Similar Island at an elevation of approximately 295 m.

Access is by logging road (70 km from Tofino via Kennedy Lake Bridge) or by boat (30 km from Tofino). Access for the 2012 Geochemical Sampling Program was from Tofino by boat taking 45 minutes, then by hiking up the hillside in the landslide area.

1.4 History

Exploration activity on the Deer Bay property dates back to the late 1890's when hand cobbled ore was produced from shafts and adits dug on small quartz veins along Tofino Creek. Between 1953 and 1984 the property was explored for its skarn and porphyry Cu-Mo potential associated with an Island Intrusive Stock at the head of Tofino Bay.

In 1984, Cominco examined the Cu-Ni-PGE Main Showing and optioned the property in 1985. Detailed geologic mapping, soil sampling, limited geophysics and trenching was carried out. Cominco concluded that *PGE bearing Cu-Ni mineralization may have been emplaced as an immiscible liquid at the same time of injection of the ultrabasic host*. A report by Mason, July 1986 states: *While the isolated outcrop (Main Showing) is only 30 m by 10 m, the associated rock types (altered ultramafics and anorthosite) and the Cu-Ni sulfide bands suggest that it is part of a much larger body... the property has both demonstrated grades and potential for significant tonnage*. Additional work was recommended but was not carried out by Cominco.

Reconnaissance geological mapping and geochemical surveys were conducted by Stag Explorations during 1988. Soil geochemistry was somewhat effective in delineating anomalous zones around the gabbro intrusion and at the Main Showing. The program also discovered an anomaly at the northeastern end of the soil grid which has never been followed-up further. In 1992, reconnaissance soil and moss mat stream sediment sampling along new road-cuts above the Main Showing detected anomalous Cu, Ni, Co, Au and PGM extending the prospective mineralized strike length up to 2 km beyond the areas previously explored.

Recent orientation soil and stream sediment sampling conducted in 1995 defined geochemical anomalies up-drainage from the Main Showing. These results confirm earlier reports of anomalies up-slope and indicate additional undiscovered mineralization is present. Petrographic examination of specimens of host rock from the Main Showing indicated that the mineralization is hosted in a zoned ultramafic intrusion complex and the occurrence was classified as belonging to the economically important Gabbroid Cu-Ni-Co deposit type.

Detailed mapping and engineering geology was carried out at the Main Showing in April of 1997. It was concluded that the massive sulphide band at the Main Showing is concordant with the foliation and the contact of the host amphibolite. The massive sulphides and footwall disseminated and stockwork zone strikes northwesterly and dips moderately to the southwest. The topography will allow two relatively convenient drill site locations on 15 metre sections lines. It was recommended that a fan of holes be drilled by a light-weight helicopter portable diamond drill on each section line to test the down-dip continuation of the mineralized zone that is exposed on surface.

Geologic Mapping was carried out on rocks exposed by a debris slide along a drainage in the central portion of the property in April 1997.

Arnex Resources Ltd. conducted a grid magnetometer survey and rock chip geochemical exploration program on the Deer Bay Property during June to August, 2000. Twenty six rock chip samples were analyzed. Magnetometer readings were taken from approximately a 200 metre by 400 metre grid. SJ Geophysics of Delta BC processed the magnetic data. Three days of physical work was performed by rehabilitating the access trail to the Main Showing. The total cost of the year 2000 exploration program was \$16,485.

The magnetometer survey indicated that a strong magnetic high exists to the west and northwest of the Main Zone Showing. It is interpreted that the high is due to an accumulation of magnetic Ni assemblage mineralization down dip from the Main Showing. Deeper drill targets are indicated. The magnetometer survey also indicates surface projections of the Main Zone on strike to the southeast.

A Geological Mapping Program was carried out by Arnex Resources Ltd in 2008.

2.0 Geology

2.1 Regional Geology and Stratigraphy

Vancouver Island lies within the Canadian Cordillera within terrain classified as Wrangellia. Central and western Vancouver Island is predominantly underlain by Paleozoic and Mesozoic strata intruded by Jurassic and Tertiary Intrusions (See Figure3, Regional Geology Map).

2.2 Property Geology and Lithologic Descriptions

The Deer Bay property is underlain by a northwesterly striking southwesterly dipping stratigraphic sequence known as the West Coast Crystalline Complex on the western portion of the property, and by Paleozoic Sicker group rocks on the eastern part of the claims. Intruding the Paleozoic strata to the southwest and northeast respectively are intrusive stocks of Tertiary Catface Intrusions and Jurassic Island Intrusions.

The country rock underlying the Main Showing area is the West Coast Complex which consists of quartzo-felspathic gneiss containing foliated amphibolite lenses and numerous thin amphibolite bands.

The principal rock type hosting the mineralization at the Main Showing is characterized by dark gray to black medium to coarse grained amphibolite. Previous petrographic analysis of the amphibolite indicates that it is part of a differentiated-zoned ultramafic intrusion complex. It appears that the amphibolite dykes sills and lenses are related to a major hornblende gabbro intrusive body, which has been historically reported to outcrop approximately 400 m southwest of the Main Showing. A genetic relationship between the gabbro intrusive and the Cu-Ni-Co-PGE bearing amphibolite at the Main Showing has been previously suggested supported by the fact that the gabbro intrusive is geochemically anomalous in the same suite of metals.

3.0 Geochemical Sampling

A total of 14 rock chip and two active stream sediment (moss mat) samples were taken from an area exposed by a recent landslide. Prospecting revealed that significant sulphide mineralization was present in slide debris float and in outcrop. Most sulphide mineralization occurs as iron sulphide (pyrite, pyrrhotite, marcasite) but minor chalcopyrite and galena was also noted.

Sample descriptions and values for selected elements are contained in Appendix II, Table 3, Geochemical Data Sheet. Results for selected elements are plotted in Appendix III, Figure 4, Sample Map. Analytical Certificates for all sampling is contained in Appendix IV.

Sample 2108201 returned anomalous values of 739.8 ppm Cu, 47.4 ppm Ni, 6 ppb Pd and 39% Fe from a 30 cm float boulder containing up to 90% pyrite in 3 cm bands. Sample 2108202 returned 419.3 ppm Cu, 328.8 ppm Co, 15 ppb Au and 35% Fe from 20 cm float boulder of massive sulphide (pyrite). Of significance was Sample 2108212 which was a 20 cm float boulder of

amphibolite (metamorphosed ultramafic intrusion?) containing visible fine grained chalcopyrite with malachite staining. Although Cu values were only 17.8 ppm Cu for this sample, values of 363.4 ppm Ni, 1455 ppm Mn and 4 ppb Pd were present indicating the potential presence of Cu-Ni-Co-Precious Metal mineralization associated with metamorphosed ultramafic intrusive rocks similar to mineralization that is present at the Main Showing approximately 0.5 km to the east. Anomalous values for Cu, Mo, Pt, V and Cr were also present in additional rock sampling. Elevated values for Cu, Ni, Co, Au and Pt were present in the two active stream sediment samples that were taken.

4.0 Conclusions

The recent large landslide exposed semi massive to massive sulphide mineralization in both float and outcrop. Cu, Ni, Co, PGE and Au anomalous values were present in the limited geochemical sampling that was conducted.

5.0 Recommendations

It is recommended that mapping, prospecting and rock chip sampling be conducted in the mineralized landslide area. The relationship between the mineralized landslide area and the Main Showing should be investigated to determine tonnage potential for the property.

6.0 References

Aris Assessment Reports 13121,14182,14315,15155,17284,18751
Minfile Property Reference Occurrence 092F 029
Historical Company Reports, Cominco, Braden Exploration.

7.0 Qualifications of Author

Arne O. Birkeland, P.Eng.
Arnex Resources Ltd.
TH 101 – 735 15th Street West
North Vancouver, BC, Canada, V7M 08
Telephone/Fax: (604) 904-0606
Email: arnex@telus.net

I, Arne O. Birkeland, P.Eng., do hereby certify that:

1. I am currently employed as a Geological Engineer by:
Arnex Resources Ltd.
TH 101 – 735 15th Street West,
North Vancouver, British Columbia, Canada,
V7M 0B8
2. I graduated with a Bachelor of Science Degree in Geological Engineering from the Colorado School of Mines in 1972. I am a 1969 graduate of BCIT obtaining a Diploma of Mining Technology.
3. I have been a practicing Professional Engineer registered with the Association of Professional Engineers and Geoscientists of British Columbia since 1975, Registration Number 9870. I am a member of the Canadian Institute of Mining, Metallurgy, and Petroleum, Geological Society Member Number 90102. I am a member of the Association of Mineral Exploration of British Columbia.
4. I have worked as a geologist for a total of 41 years since my graduation from university. My primary employment since 1966 has been in the field of mineral exploration and development. My experience has encompassed a wide range of geological environments including extensive experience in classification of deposit types as well as considerable familiarization with geochemical and geophysical survey techniques and diamond drilling procedures. Since 1990, my primary involvement in exploration activities has been focused on the BC Cordillera, primarily exploring for Volcanogenic Massive Sulphide and Porphyry type targets.
5. I am responsible for the preparation of the report titled Report on Geochemical Sampling,, Deer Bay Property, Alberni Mining Division, BC dated March 31, 2012 and revised September 27, 2013. I have personally conducted the exploration fieldwork carried out Deer Bay Property that is the subject of this report.

Dated at North Vancouver, British Columbia, this 27th day of September, 2013

“signed” *Arne O Birkeland*

Arne O. Birkeland, P. Eng.
President, Arnex Resources Ltd.

Table 1
Claim Tenure
Deer Bay Property
NTS: 092F
March 2013

Tenure Number	Claim Name	Owner	Issue Date	Good To Date	Status	Area (ha)
200235	SUPER 2	102420 (100%)	1984/may/10	2015/apr/13	GOOD	300.0000
516936		102420 (100%)	2005/jul/11	2015/apr/13	GOOD	316.4170
570161	NICK 2	102420 (100%)	2007/nov/16	2015/apr/13	GOOD	21.0963
570162	NICK 1	102420 (100%)	2007/nov/16	2015/apr/13	GOOD	105.4950
842589	DEER 1	102420 (100%)	2011/jan/07	2015/apr/13	GOOD	358.5022
842591	DEER 2	102420 (100%)	2011/jan/07	2015/apr/13	GOOD	21.0963
842593	DEER 3	102420 (100%)	2011/jan/07	2015/apr/13	GOOD	21.1013
Total	7					1143.7081

Table 2					
Statement of Expenditures					
Deer Bay Property					
2012 Geochemical Program					
Exploration Work type	Comment	Units			Totals
Personnel (Name)* / Position	Field Days (list actual days)	Days	Rate		
Arne Birkeland, P.Eng.	Oct 16 to 25, 2012	6	\$400.00	\$2,400.00	
				\$2,400.00	\$2,400.00
Ground Exploration Surveys	Area in Hectares/List Personnel	Samples			
Geochemical Rock	5Ha, A O Birkeland	13.0	94.66	\$1,230.58	
Geochemical Stream Sediment	5Ha, A O Birkeland	2.0	82.15	\$164.30	
Geological mapping	GeoSpark Consulting (digitizing)			\$2,000.00	
				\$3,394.88	\$3,394.88
Transportation	Actual Costs				
Ferries				\$360.05	
Truck Fuel				\$260.00	
Boat Fuel				\$715.20	
				\$1,335.25	\$1,335.25
Accommodation & Food	Actual Costs				
Campsite				\$208.00	
Groceries				\$350.00	
Meals				\$200.00	
				\$758.00	\$758.00
Miscellaneous	Actual Costs				
Assessment Report				\$2,500.00	
Other	Moorage			\$156.00	
				\$2,656.00	\$2,656.00
Subtotal					\$10,544.13
HST					\$1,205.30
Total					\$11,749.43

Table 3
Geochemical Data Sheet
Deer Bay Property
March 2013

Sample No	Acme No	Cu_PPM	Ni_PPM	Co_PPM	Au_PPB	Pt_PPB	Pd_PPB
Rx- 12-01	2108201	739.8	47.4	17.5	6	-3	8
Rx-12-02	2108202	419.3	13.2	328.8	15	-3	4
Rx 12-03	2108203	189.7	6.0	99.0	6	-3	-2
Rx 12-04	2108204	40.8	2.6	49.4	3	-3	-2
Rx 12-05	2108205	15.6	1.6	2.5	-2	-3	-2
Rx 12-06	2108206	60.7	4.9	27.1	2	-3	-2
Rx 12-07	2108207	20.8	0.8	11.4	3	-3	-2
Rx 12-08	2108208	77.6	7.6	15.7	3	-3	-2
Rx 12-09	2108209	61.3	5.8	49.5	7	-3	-2
Rx 12-10	2108210	114.8	3.9	6.2	3	-3	2
Rx 12-11	2108211	21.2	1.7	46.2	4	-3	-2
Rx 12-12	2108212	17.8	363.4	62.2	3	4	6
Rx 12-13	2108213	81.0	2.4	9.2	4	-3	-2
Rx 12-14	2108214	42.7	3.7	11.4	4	-3	-2
Sx 12-01	Sx 12-01	48.2	25.2	21.6	-2	6	2
Sx12-02	Sx12-02	40.2	25.6	15.3	7	7	2

Table 3
Geochemical Data
Deer Bay Property
March 2013

Sample No	Acme No	Easting	Northing	Lat	Long	Type	TW/AW
Rx-12-01	2108201	308413	5454316			Floaat	10 cm Boulder
Rx-12-02	2108202	308396	5454353			Float	20 cm Boulder
Rx 12-03	2108203	308397	5454373			Float	15 cm Boulders
Rx 12-04	2108204	308399	5454391			Float	50 cm Boulder
Rx 12-05	2108205	308445.4	5454416			Float	
Rx 12-06	2108206	308430.1	5454421.2			Float	20 cm Boulder
Rx 12-07	2108207	308380.3	5454437.1			Float	
Rx 12-08	2108208	308380.4	5454417.6			Float	50 cm Boulder
Rx 12-09	2108209	308373	5454378			Channel	60 cm TW
Rx 12-10	2108210	308396	5454353			Float	30 cm boulder
Rx 12-11	2108211	308413	5454316			Float	30 cm boulder
Rx 12-12	2108212	308413	5454316			Float	20 cm Boulder
Rx 12-13	2108213	308476.5	5454305	49°12.686' 'N	125°37.774'W	REP CHIP	5.0 M TW
Rx 12-14	2108214	308476.5	5454305	49°12.686' 'N	125°37.774'W	REP CHIP	20 cm Boulder
Sx 12-01	Sx 12-01	308413	5454316			MM	1
Sx12-02	Sx12-02	308396	5454353			MM	0.75

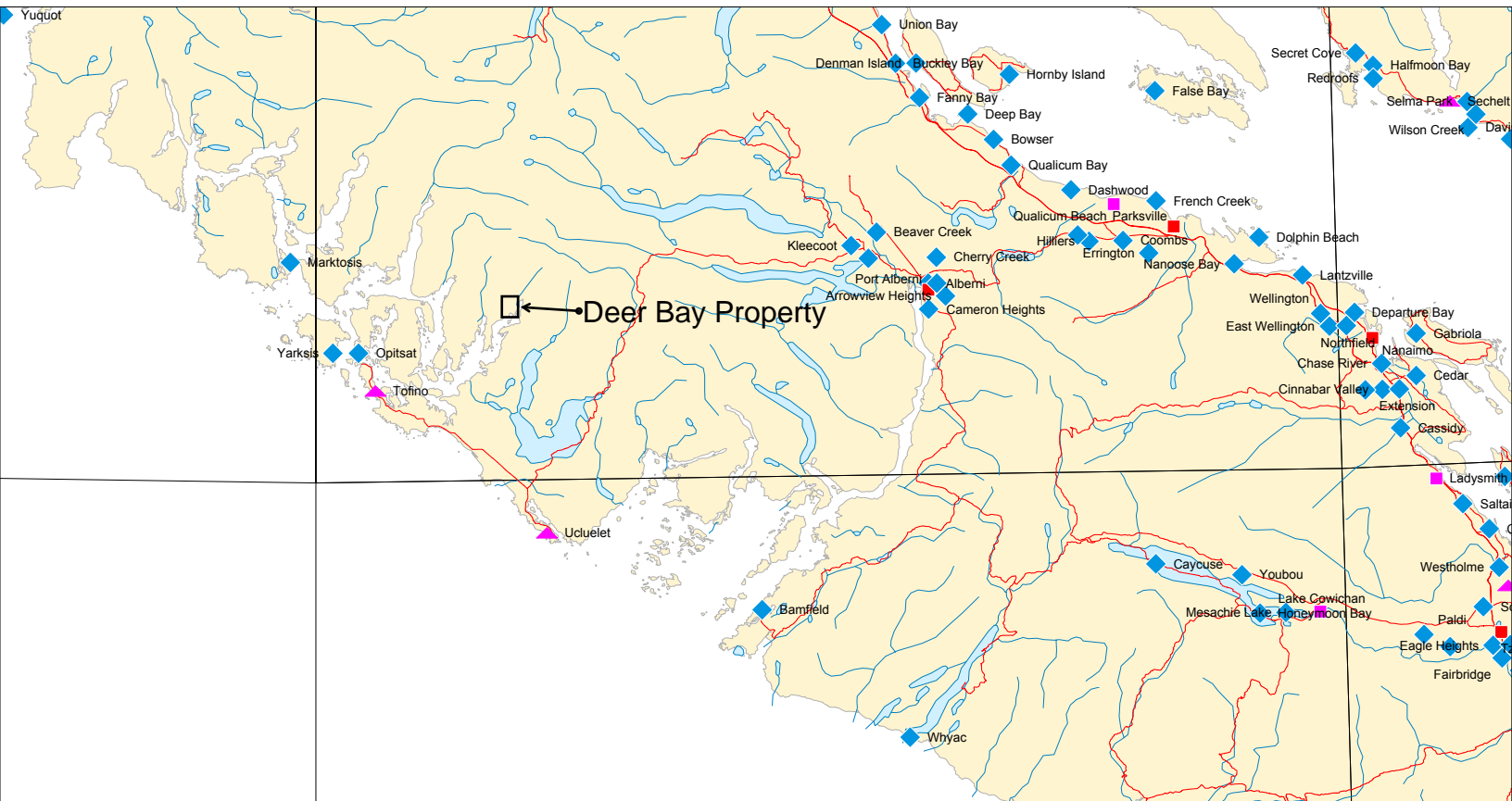
Table 3
Geochemical Data
Deer Bay Property
Marech 2013

Sample No	Acme No	Lithology	Mineralization
Rx-12-01	2108201	Felsic Gneiss	VCG Subbhedral Py, mass 90% Py bands to 3 cm
Rx-12-02	2108202	MS	Mass Sul, Sul=90%, VCG Subhedral Py, minor Vol
Rx 12-03	2108203	Felsic Gneiss	Layered 90% MS, Py, Po, Pen, Vol? bands 2-5 cm
Rx 12-04	2108204	Felsic Gneiss	Py, Vol?, Dess Sul=20-40%
Rx 12-05	2108205	Felsic Gneiss	Py, Vol?, Dess Sul=10-15%
Rx 12-06	2108206	Felsic Gneiss, Amp layers	Py, Vol?, Dess Sul, layered Mass Py to 5 cm TW
Rx 12-07	2108207	Felsic Gneiss	Py, As?, Dess Sul, Vol Sul, Sul=20%
Rx 12-08	2108208	Foliated Felsic Gneiss, Amp	Dess Py, Sul=40-50%
Rx 12-09	2108209	Felsic Gneiss	Mass Sul, Py, Po, Pen? Over 60cm TW
Rx 12-10	2108210	Felsic Gneiss	Py, Vol, Cpy?, Dess sulphides, Foliated Sulphides, Sul=20%
Rx 12-11	2108211	Felsic Gneiss	Py, Vol, Dess sulphides, Foliated Sulphides, Sul=20%
Rx 12-12	2108212	Amphibolite	VFG Dess, Foliated Py, Cpy
Rx 12-13	2108213	Felsic Gneiss W/ Amphubolite bands	Py, Dess sulphides, Foliated Sulphides, Sul=20%
Rx 12-14	2108214	Amphibolite	Py, Dess sulphides, Foliated Sulphides, Sul=20%
Sx 12-01	Sx 12-01	Felsic Gneiss, Amkphibolite	Py
Sx12-02	Sx12-02	Felsic Gneiss, Amkphibolite	Py

Table 3
Geochemical Data
Deer Bay Property
March 2013

Sample No	Acme No	Alteration	Remarks	Gradient	Colour	Texture
Rx- 12-01	2108201	Sil				
Rx-12-02	2108202		Rx12-10			
Rx 12-03	2108203	Sil				
Rx 12-04	2108204	Sil				
Rx 12-05	2108205	Sil,Hem				
Rx 12-06	2108206	Sil				
Rx 12-07	2108207	Silicification				
Rx 12-08	2108208	Sil				
Rx 12-09	2108209		OC, 60cm TW			
Rx 12-10	2108210	Silicification	"@ Location Sx12-02			
Rx 12-11	2108211	Silicification	"@ Location Sx12-01			
Rx 12-12	2108212					
Rx 12-13	2108213	Silicification	Weathered OC			
Rx 12-14	2108214	Silicification	Weathered OC			
Sx 12-01	Sx 12-01	Lim	Rx 12-11	Steep	Dark Grey	Course sand, gravel
Sx12-02	Sx12-02	Lim	Rx12-10	Steep	Dark Grey	Course sand, gravel

Location Map- Deer Bay Property



SCALE 1 : 1,000,000

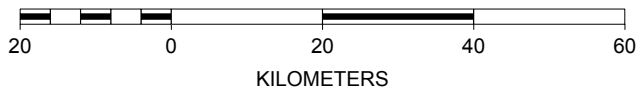
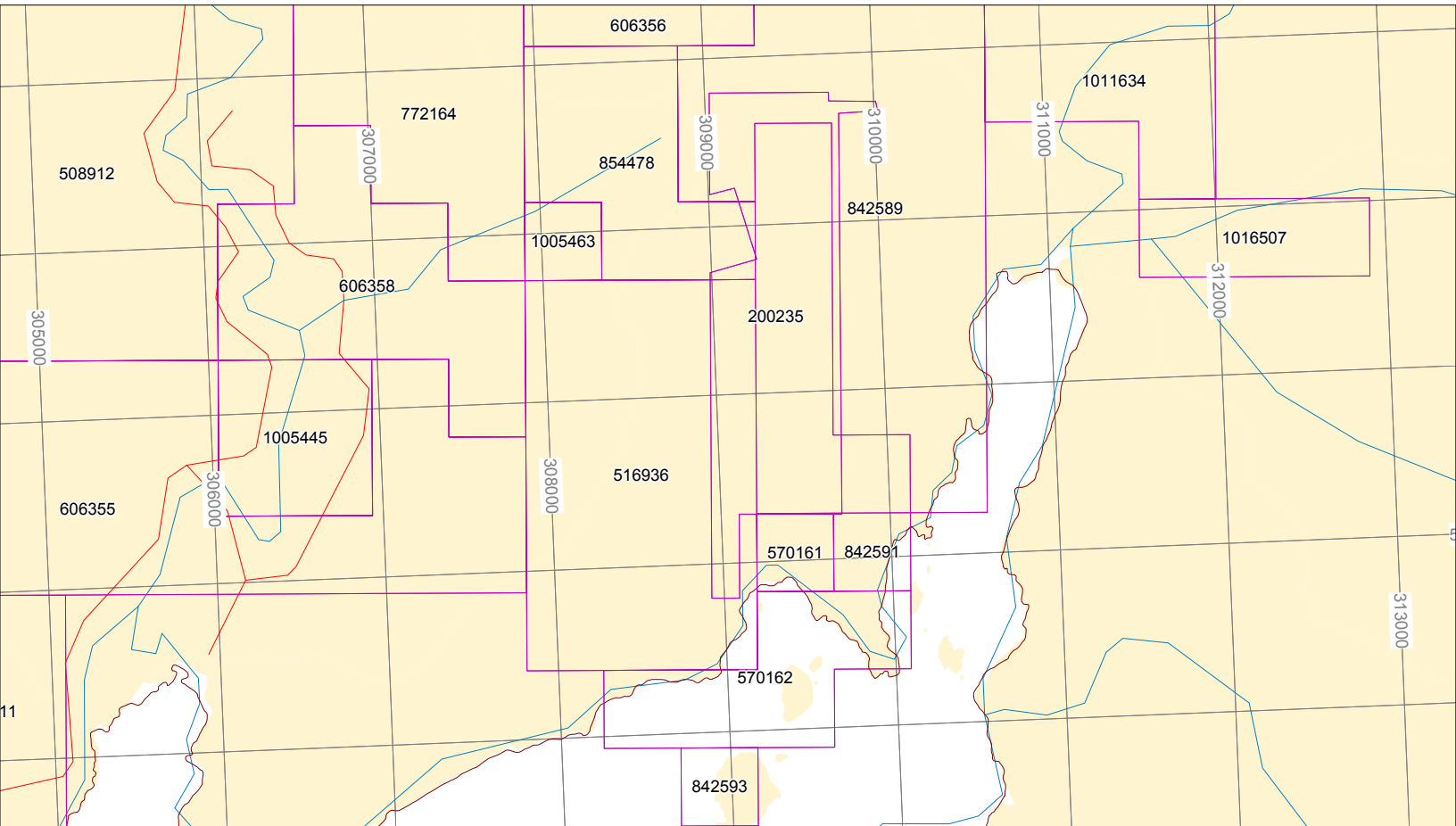


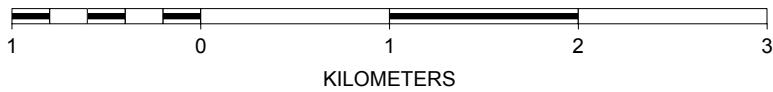
Figure 1



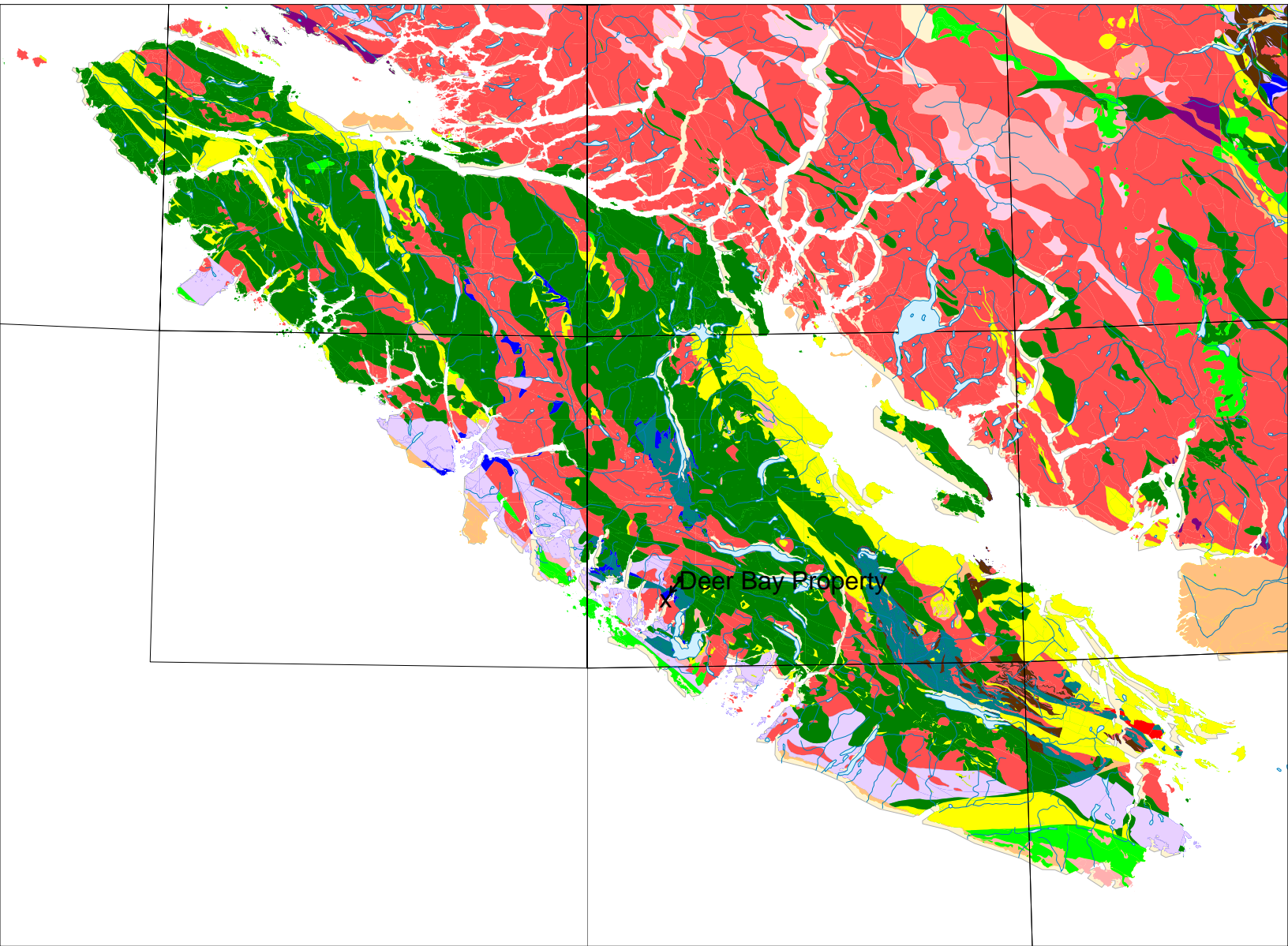
Figure 2 - Claim Location Map - Deer Bay Property



SCALE 1 : 40,000



Regional Geology Map - Vancouver Island



SCALE 1 : 2,000,000

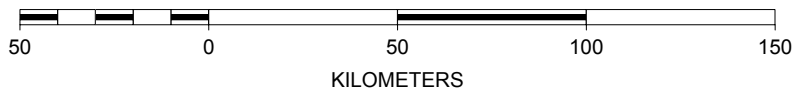
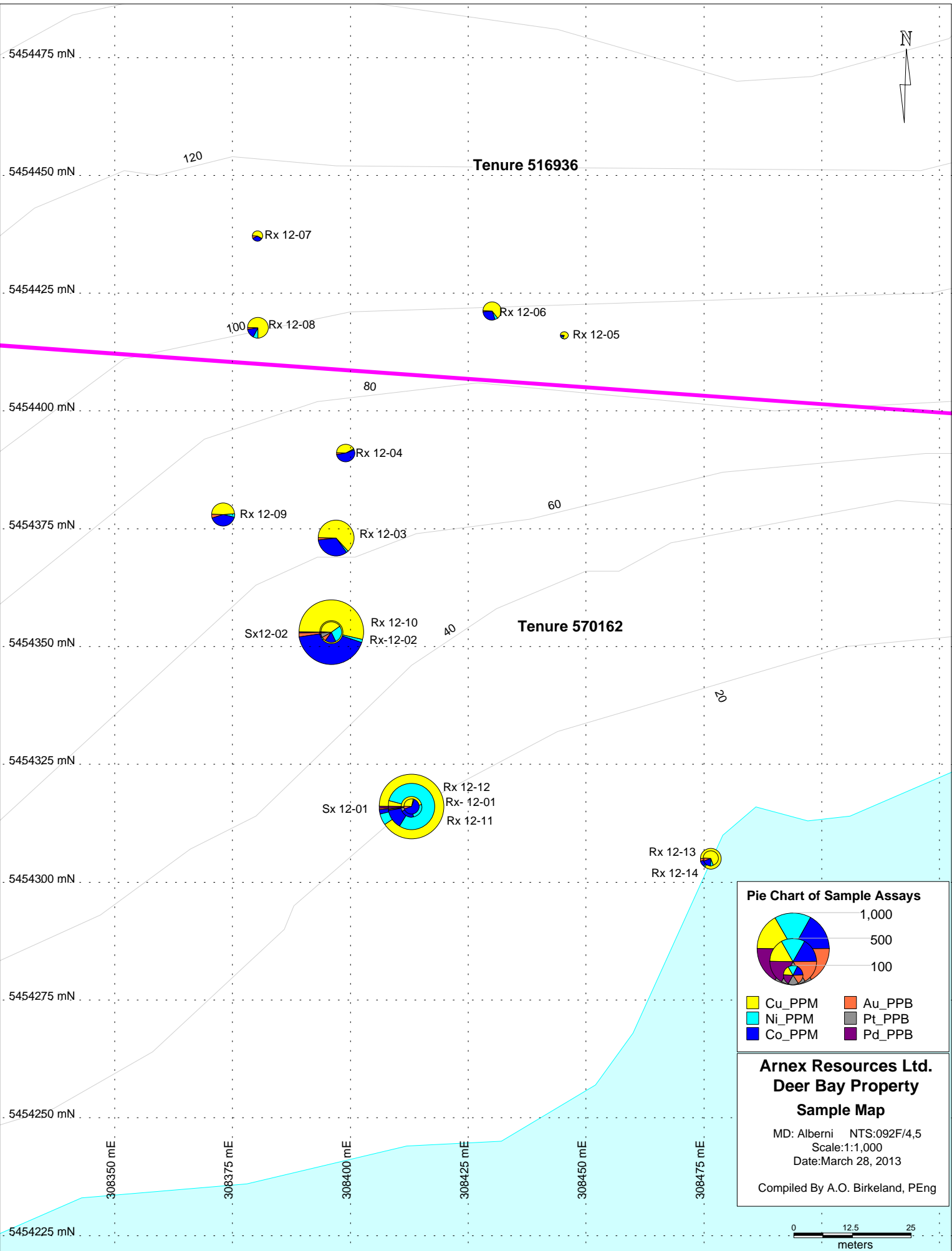


Figure 3





Tenure 516936

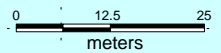
Tenure 570162

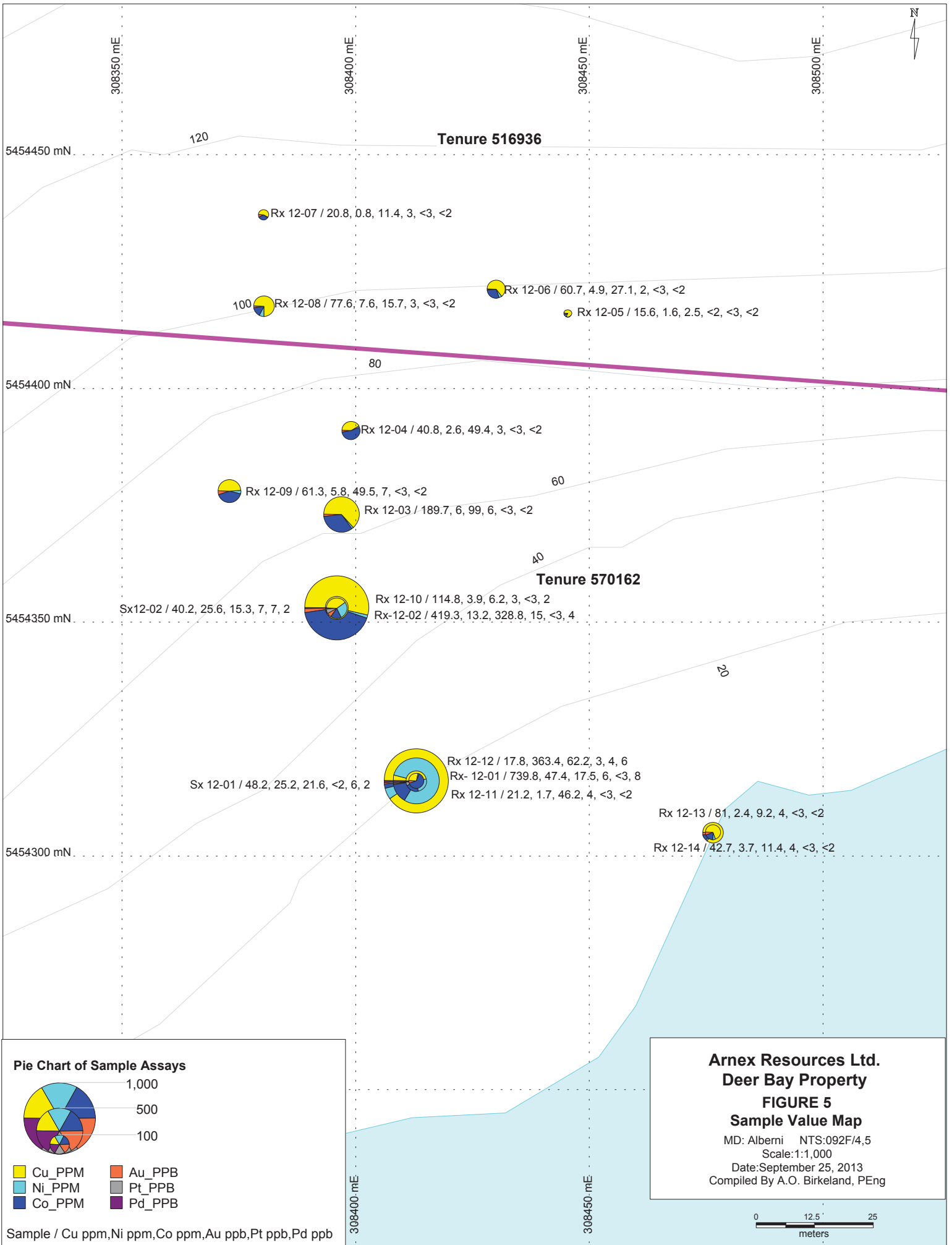
Pie Chart of Sample Assays

Arnex Resources Ltd.
Deer Bay Property
Sample Map

MD: Alberni NTS:092F/4,5
 Scale:1:1,000
 Date:March 28, 2013

Compiled By A.O. Birkeland, PEng





308350 mE

308400 mE

308450 mE

308500 mE

5454450 mN

5454400 mN

5454350 mN

5454300 mN

308400 mE

308450 mE

120

80

60

40

20

Rx 12-07 / 20.8, 0.8, 11.4, 3, <3, <2

100 Rx 12-08 / 77.6, 7.6, 15.7, 3, <3, <2

Rx 12-06 / 60.7, 4.9, 27.1, 2, <3, <2

Rx 12-05 / 15.6, 1.6, 2.5, <2, <3, <2

Rx 12-04 / 40.8, 2.6, 49.4, 3, <3, <2

Rx 12-09 / 61.3, 5.8, 49.5, 7, <3, <2

Rx 12-03 / 189.7, 6, 99, 6, <3, <2

Rx 12-10 / 114.8, 3.9, 6.2, 3, <3, 2

Rx-12-02 / 419.3, 13.2, 328.8, 15, <3, 4

Sx12-02 / 40.2, 25.6, 15.3, 7, 7, 2

Sx 12-01 / 48.2, 25.2, 21.6, <2, 6, 2

Rx 12-12 / 17.8, 363.4, 62.2, 3, 4, 6

Rx- 12-01 / 739.8, 47.4, 17.5, 6, <3, 8

Rx 12-11 / 21.2, 1.7, 46.2, 4, <3, <2

Rx 12-13 / 81, 2.4, 9.2, 4, <3, <2

Rx 12-14 / 42.7, 3.7, 11.4, 4, <3, <2



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Client: **Arnex Resources Ltd.**
 101 - 735 15th St W
 North Vancouver BC V7M 0B8 Canada

Project: None Given
 Report Date: November 22, 2012

Page: 2 of 2

Part: 1 of 1

CERTIFICATE OF ANALYSIS

VAN12005244.1

Method	WGHT	3B	3B	3B	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	
Analyte	Wgt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	
Unit	kg	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	2	3	2	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	
G1	Prep Blank	<0.01	<2	<3	<2	0.2	2.7	19.7	54	<0.1	4.9	5.4	759	2.26	<1	2.8	<0.1	7.2	707	<0.1	<0.1
G1	Prep Blank	<0.01	<2	<3	<2	0.2	2.1	18.9	52	<0.1	4.0	5.3	733	2.27	<1	2.5	<0.1	6.7	665	<0.1	<0.1
2108201	Rock	0.32	6	<3	8	14.2	739.8	25.2	13	0.8	47.4	17.5	209	39.11	482	0.2	<0.1	0.5	5	<0.1	2.5
2108202	Rock	0.89	15	<3	4	13.8	419.3	5.3	11	0.6	13.2	328.8	145	34.93	298	<0.1	<0.1	0.2	5	0.2	0.4
2108203	Rock	1.18	6	<3	<2	10.8	189.7	3.7	22	0.2	6.0	99.0	252	18.79	127	0.4	<0.1	0.8	44	0.1	0.4
2108204	Rock	0.99	3	<3	<2	8.3	40.8	2.0	10	<0.1	2.6	49.4	143	8.33	15	0.4	<0.1	1.3	52	<0.1	0.2
2108205	Rock	0.98	<2	<3	<2	1.8	15.6	5.2	16	<0.1	1.6	2.5	232	3.00	3	1.2	<0.1	3.0	74	<0.1	<0.1
2108206	Rock	0.99	2	<3	<2	5.7	60.7	3.7	18	0.1	4.9	27.1	305	6.35	8	1.4	<0.1	2.1	112	<0.1	<0.1
2108207	Rock	0.81	3	<3	<2	1.5	20.8	1.5	36	<0.1	0.8	11.4	398	3.47	22	0.7	<0.1	1.9	102	<0.1	0.2
2108208	Rock	1.30	3	<3	<2	4.4	77.6	9.5	107	0.1	7.6	15.7	424	6.36	107	0.6	<0.1	0.7	58	0.3	0.3
2108209	Rock	1.55	7	<3	<2	51.4	61.3	20.1	77	0.4	5.8	49.5	483	7.60	22	2.1	<0.1	2.8	70	<0.1	0.3
2108210	Rock	1.46	3	<3	2	8.7	114.8	6.0	34	0.1	3.9	6.2	489	4.89	32	0.8	<0.1	2.0	95	<0.1	0.2
2108211	Rock	1.01	4	<3	<2	18.7	21.2	1.8	37	<0.1	1.7	46.2	483	9.34	<1	0.3	<0.1	1.0	98	<0.1	0.3
2108212	Rock	0.94	3	4	6	0.2	17.8	0.7	68	<0.1	363.4	62.2	1455	7.28	2	<0.1	<0.1	<0.1	158	0.1	<0.1
2108213	Rock	1.49	4	<3	<2	7.7	81.0	4.4	24	<0.1	2.4	9.2	457	5.99	20	2.0	<0.1	2.6	111	<0.1	0.1
2108214	Rock	1.77	4	<3	<2	16.2	42.7	3.8	14	<0.1	3.7	11.4	328	5.26	5	0.6	<0.1	1.0	194	<0.1	0.5
2108215	Rock	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.



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 North Vancouver BC V7M 0B8 Canada

Project: None Given
 Report Date: November 22, 2012

Page: 2 of 2

Part: 2 of 1

CERTIFICATE OF ANALYSIS **VAN12005244.1**

Method	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	
Analyte	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	
Unit	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.1	1	0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	
G1	Prep Blank	<0.1	49	2.26	0.080	20.9	13	0.63	1041	0.262	6.42	2.683	3.08	0.1	14.6	44	1.4	15.0	26.1	1.5	3
G1	Prep Blank	<0.1	50	2.25	0.074	18.9	13	0.63	1013	0.243	6.29	2.590	3.00	0.1	14.6	42	1.3	14.4	24.7	1.5	3
2108201	Rock	0.6	23	0.02	0.003	1.6	9	0.40	9	0.018	1.76	0.013	0.02	0.1	2.2	4	0.3	1.7	0.7	<0.1	<1
2108202	Rock	2.9	25	0.03	0.003	1.6	10	0.28	93	0.013	1.16	0.034	0.12	<0.1	0.2	3	0.4	3.3	0.2	<0.1	<1
2108203	Rock	1.0	46	0.18	0.008	3.8	10	0.56	12	0.090	3.17	0.814	0.57	0.1	0.6	9	1.1	10.7	0.7	<0.1	<1
2108204	Rock	0.3	22	0.18	0.011	3.8	8	0.34	14	0.056	4.17	0.929	1.63	0.2	1.1	10	1.0	20.8	0.7	<0.1	<1
2108205	Rock	0.1	36	0.19	0.016	5.9	8	0.76	1272	0.102	5.39	0.711	2.88	0.5	1.1	13	1.0	7.8	1.5	0.1	<1
2108206	Rock	0.4	20	0.78	0.022	6.8	10	0.75	33	0.084	5.13	1.718	0.94	0.3	1.5	17	0.7	12.6	1.0	<0.1	<1
2108207	Rock	0.2	30	0.75	0.036	16.9	7	1.60	203	0.173	4.91	1.402	0.93	0.1	0.7	37	1.8	16.6	1.1	<0.1	<1
2108208	Rock	0.4	60	0.21	0.014	2.6	11	1.63	34	0.089	5.04	0.695	2.20	0.3	1.1	8	1.0	8.5	0.7	<0.1	<1
2108209	Rock	1.2	59	0.70	0.028	5.6	12	1.91	45	0.208	7.50	1.624	2.98	0.9	3.0	16	3.3	15.8	2.6	0.2	<1
2108210	Rock	0.6	24	0.35	0.018	6.1	6	1.44	38	0.063	4.80	1.097	1.55	0.2	0.8	17	0.7	19.3	0.6	<0.1	<1
2108211	Rock	0.3	29	0.25	0.019	3.3	6	1.92	15	0.121	4.36	0.544	1.05	0.2	0.7	9	1.4	11.0	0.9	<0.1	<1
2108212	Rock	<0.1	240	6.54	0.025	1.1	359	6.77	143	0.379	7.34	1.153	0.64	<0.1	19.6	3	0.3	18.6	0.4	<0.1	<1
2108213	Rock	0.4	23	0.38	0.019	6.6	9	0.83	49	0.079	4.99	0.777	2.53	0.3	2.0	17	1.0	18.3	3.9	0.3	1
2108214	Rock	0.5	27	0.62	0.014	3.5	9	0.36	29	0.078	4.05	1.451	1.51	0.2	2.6	8	0.9	10.8	4.2	0.4	<1
2108215	Rock	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.

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Project: None Given
 Report Date: November 22, 2012

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Part: 3 of 1

CERTIFICATE OF ANALYSIS

VAN12005244.1

Method	1EX	1EX	1EX	1EX	1EX						1EX
Analyte	Sc	Li	S	Rb	Hf	In	Re	Se	Te	Tl	
Unit	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL	1	0.1	0.1	0.1	0.1	0.05	0.005	1	0.5	0.5	
G1	Prep Blank	5	34.5	<0.1	118.2	0.8	<0.05	<0.005	<1	<0.5	0.9
G1	Prep Blank	5	30.2	<0.1	110.8	0.8	<0.05	<0.005	<1	<0.5	0.8
2108201	Rock	<1	2.0	>10	1.6	<0.1	0.09	0.005	29	1.4	<0.5
2108202	Rock	1	3.3	>10	3.1	<0.1	0.07	0.029	42	3.9	<0.5
2108203	Rock	24	4.3	>10	11.7	<0.1	0.09	0.012	17	1.1	<0.5
2108204	Rock	4	3.5	9.2	29.3	<0.1	0.07	0.006	7	<0.5	<0.5
2108205	Rock	7	5.6	0.2	50.3	<0.1	<0.05	<0.005	<1	<0.5	<0.5
2108206	Rock	3	4.6	3.7	20.5	<0.1	<0.05	<0.005	5	<0.5	<0.5
2108207	Rock	9	9.4	0.8	18.2	<0.1	0.11	<0.005	<1	<0.5	<0.5
2108208	Rock	4	11.7	4.3	29.7	<0.1	0.16	0.005	3	<0.5	<0.5
2108209	Rock	7	14.1	5.9	33.2	0.1	0.08	0.054	2	<0.5	<0.5
2108210	Rock	2	8.4	2.5	21.1	<0.1	0.13	0.013	2	<0.5	<0.5
2108211	Rock	8	8.9	6.8	17.1	<0.1	0.17	0.041	9	<0.5	<0.5
2108212	Rock	40	5.9	<0.1	17.1	0.8	<0.05	<0.005	<1	2.0	<0.5
2108213	Rock	3	8.0	2.8	44.7	0.1	0.08	<0.005	3	<0.5	<0.5
2108214	Rock	3	2.8	4.5	33.0	0.2	0.08	0.011	4	0.6	<0.5
2108215	Rock	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.



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Project: None Given
 Report Date: November 22, 2012

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Part: 1 of 1

QUALITY CONTROL REPORT

VAN12005244.1

Method	WGHT	3B	3B	3B	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	
Analyte	Wgt	Au	Pt	Pd	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	
Unit	kg	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	2	3	2	0.1	0.1	0.1	1	0.1	0.1	0.2	1	0.01	1	0.1	0.1	0.1	1	0.1	0.1	
Reference Materials																					
STD CDN-PGMS-19	Standard	220	109	509																	
STD CDN-PGMS-19	Standard	230	106	487																	
STD OREAS24P	Standard				1.4	44.8	2.8	110	<0.1	136.6	42.5	1094	7.14	2	0.6	<0.1	2.8	335	0.2	<0.1	
STD OREAS45E	Standard				2.4	789.1	18.2	42	0.3	478.2	58.9	539	24.57	16	2.4	<0.1	11.5	16	<0.1	0.9	
STD PD1	Standard	555	470	568																	
STD PD1	Standard	539	475	556																	
STD PD1 Expected		542	456	563																	
STD CDN-PGMS-19		230	108	476																	
STD OREAS45E Expected					2.4	780	18.2	46.7	0.311	454	57	550	24.12	16.3	2.41	0.05	12.9	15.9	0.06	1	
STD OREAS24P Expected					1.5	52	2.9	119	0.06	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09	
BLK	Blank	2	<3	<2																	
BLK	Blank	2	<3	<2																	
BLK	Blank	<2	<3	<2																	
BLK	Blank	10	<3	<2																	
BLK	Blank				<0.1	0.2	<0.1	<1	<0.1	<0.1	<0.2	<1	<0.01	<1	<0.1	<0.1	<0.1	<1	<0.1	<0.1	
Prep Wash																					
G1	Prep Blank	<0.01	<2	<3	<2	0.2	2.7	19.7	54	<0.1	4.9	5.4	759	2.26	<1	2.8	<0.1	7.2	707	<0.1	<0.1
G1	Prep Blank	<0.01	<2	<3	<2	0.2	2.1	18.9	52	<0.1	4.0	5.3	733	2.27	<1	2.5	<0.1	6.7	665	<0.1	<0.1



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Project: None Given
 Report Date: November 22, 2012

Page: 1 of 1

Part: 2 of 1

QUALITY CONTROL REPORT **VAN12005244.1**

Method	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	1EX	
Analyte	BI	V	Ca	P	La	Cr	Mg	Ba	Tl	Al	Na	K	W	Zr	Ce	Sn	Y	Nb	Ta	Be	
Unit	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.1	1	0.01	0.001	0.1	1	0.01	1	0.001	0.01	0.001	0.01	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	
Reference Materials																					
STD CDN-PGMS-19	Standard																				
STD CDN-PGMS-19	Standard																				
STD OREAS24P	Standard	<0.1	158	5.87	0.136	17.6	193	3.98	263	0.962	7.44	2.403	0.64	0.4	122.0	34	1.4	20.8	18.0	1.0	<1
STD OREAS45E	Standard	0.3	324	0.05	0.036	7.9	939	0.16	252	0.538	6.28	0.050	0.30	0.9	96.7	18	1.3	6.6	6.3	0.5	<1
STD PD1	Standard																				
STD PD1	Standard																				
STD PD1 Expected																					
STD CDN-PGMS-19																					
STD OREAS45E Expected		0.28	322	0.065	0.034	11	979	0.156	252	0.559	6.78	0.059	0.324	1.07	110	23.5	1.32	8.28	6.8	0.56	
STD OREAS24P Expected			158	5.83	0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	37.6	1.6	21.3	21	1.04	
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.1	<1	<0.01	<0.001	<0.1	4	<0.01	<1	<0.001	<0.01	<0.001	<0.01	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<0.1	<1
Prep Wash																					
G1	Prep Blank	<0.1	49	2.26	0.080	20.9	13	0.63	1041	0.262	6.42	2.683	3.08	0.1	14.6	44	1.4	15.0	26.1	1.5	3
G1	Prep Blank	<0.1	50	2.25	0.074	18.9	13	0.63	1013	0.243	6.29	2.590	3.00	0.1	14.6	42	1.3	14.4	24.7	1.5	3

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Project: None Given
 Report Date: November 22, 2012

Page: 1 of 1

Part: 3 of 1

QUALITY CONTROL REPORT

VAN12005244.1

Method	1EX	1EX	1EX	1EX	1EX						1EX
Analyte	Sc	Li	S	Rb	Hf	In	Re	Se	Te	Tl	
Unit	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
MDL	1	0.1	0.1	0.1	0.1	0.05	0.005	1	0.5	0.5	
Reference Materials											
STD CDN-PGMS-19	Standard										
STD CDN-PGMS-19	Standard										
STD OREAS24P	Standard	20	7.5	<0.1	21.0	3.3	0.08	<0.005	<1	1.1	<0.5
STD OREAS45E	Standard	92	6.7	<0.1	19.9	2.6	0.08	<0.005	2	<0.5	<0.5
STD PD1	Standard										
STD PD1	Standard										
STD PD1 Expected											
STD CDN-PGMS-19											
STD OREAS45E Expected		93	6.58	0.046	21.2	3.11	0.099		2.97	0.1	0.15
STD OREAS24P Expected		20	8.7		22.4	3.6					
BLK	Blank										
BLK	Blank										
BLK	Blank										
BLK	Blank										
BLK	Blank	<1	<0.1	<0.1	0.4	<0.1	<0.05	<0.005	<1	<0.5	<0.5
Prep Wash											
G1	Prep Blank	5	34.5	<0.1	118.2	0.8	<0.05	<0.005	<1	<0.5	0.9
G1	Prep Blank	5	30.2	<0.1	110.8	0.8	<0.05	<0.005	<1	<0.5	0.8



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Client: **Arnex Resources Ltd.**
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Submitted By: Arne Birkeland
Receiving Lab: Canada-Vancouver
Received: November 02, 2012
Report Date: November 22, 2012
Page: 1 of 2

CERTIFICATE OF ANALYSIS **VAN12005244.1**

CLIENT JOB INFORMATION

Project: None Given
Shipment ID:
P.O. Number
Number of Samples: 15

SAMPLE DISPOSAL

RTRN-PLP Return

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	14	Crush, split and pulverize 250 g rock to 200 mesh			VAN
3B02	14	Fire assay fusion Au Pt Pd by ICP-ES	30	Completed	VAN
1EX	14	4 Acid digestion ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: **Arnex Resources Ltd.**
101 - 735 15th St W
North Vancouver BC V7M 0B8
Canada

CC:



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted. *** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.