ASSESSMENT REPORT MARY MAC GOLD-ANTIMONY PROPERTY

Truax Creek, Goldbridge B.C.

Latitude 50º 51' 19" N /Longitude 122º 41' 42" W

UTM 10 (NAD 83) Northing 5634735 / Easting 521797

NTS: 092J/15E

BC Geological Survey Assessment Report 33717

CLIENT: NUBIA EXPLORATION LTD. FMC: 253648

of Suite 888, 888 Dunsmuir Street, Vancouver, B.C. V6C 3K4

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MINERAL CLAIMS: TITLES: 507082,507139,507142,507146,603366,606665

PROSPECTING AND GEOCHEMISTRY

DATES WORK DONE: JULY 24-31, 2012

Event Number ID 5398971

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SUMMARY

The author has been requested by Nubia Exploration Ltd. ("Nubia") to assemble exploration data from a short work program completed on the Mary Mac antimony gold property on Truax Creek southeast of Goldbridge B.C. The author did not supervise this program, but has inspected the property in 2010 accompanied by the property vendor, Alan Brent Hemingway B.Sc.

Nubia Exploration Ltd. Is a private company under the direction of Christopher R Anderson, President, CEO, and Director, Vancouver Office: 888 Dunsmuir St Suite 888, Vancouver BC Postal Code - V6C 3K4, Telephone (604) 628-6645 and e-mail: info@alliancemining.com

Prospecting and geochemical work was done by prospectors/samplers Gordon Shiels and Rolf Debler for Nubia Exploration Ltd. from July 24, 2012 to July 31, 2012. This assessment report was completed recently and includes assays by SGS Assayers of North Vancouver B.C. Total cost of the program as filed was \$ 13493.36 and with PAC applied from Hemingway the amount filed was \$ 16549.07 (Event # 5398971). Actual costs including this report was \$16,557.00

The Mary Mac Property is situated on the central part of Truax Creek that flows into the south side of Carpenter Lake at approximately 12 km by air east from GoldBridge B.C. (Fig.2). Access to the property by road from Vancouver to Goldbridge, and by a road extending eastward along the south shore of Carpenter Lake and southward up the hill to the property.

The country rocks are Mississippian to Jurassic Bridge River Group metasediments and volcanics. intercalated with argillite, chert, phyllite and minor limestone. These are cut by hornblende- feldspar porphyry dykes probably related to the Tertiary to Cretaceous Bendor pluton. Ultramafic bodies are thought to be present but are not mapped.

There are two distinct types of occurrences,

- 1. earlier molybdenum mineralization
- 2. followed by later stibnite-gold mineralization.

The molybdenum is concentrated as selvages along the margins of quartz- stringers forming a reticulate pattern in the hornblende feldspar porphyry and this target should be prospected in more detail

The gold-bearing quartz-carbonate-stibnite veins transect all the rock types; they are well defined in the faulted metavolcanics and become more diffuse as they crosscut the porphyry stockwork. The veins range from 0.5 to 2 metres in width, dipping 40 to 70 degrees north along the general west-northwest trend which the dykes, fractures and shears all follow.

Mineralization consists of massive coarsely crystalline stibnite with associated gold, arsenopyrite, pyrrhotite, chalcopyrite, limonite and traces of tetrahedrite and/or jamesonite(?). High but spotty values of silver are reported. Chloritic alteration is widespread with local sericite and abundant pyrite. Assay

values quoted for the main zone run 10.3 grams per tonne gold over 0.75 metres and 3.4 grams per tonne gold over 5 to 6 metres. The Main zone is about 100 metres wide.

Assays in the North zone run 1.7 to 3.4 grams per tonne gold over 4 to 5 metres in quartz-stibnite veins; this was the source of ore used in an antimony mill which operated in 1974 producing about 4 tonnes of rough stibnite concentrate per day. The grade of stibnite was reported at 20 per cent over 2.1 metres

Other workings on the property include several adits, and 19 diamond-drill holes put down in 1983 and 1987, by Andaurex Res. Ltd. And Pilgrim Holdings.

Historical Indicated reserves for the Main zone in 1983 were reported to be 22,300 tonnes grading 7.4338 grams per tonne gold or 78,500 tonnes of ore grading 2.8927 grams per tonne (Assessment Report 11647). Indicated reserves for the North zone in 1983 were reported to be 10,800 tonnes grading 5.256 grams per tonne gold or 39,200 tonnes grading 2.3328 grams per tonne gold (Assessment Report 11647). These reserves are more property called historical resources, have not been verified by the company or the author, are not compliant with NI 43-101 and should not be relied upon.

The work was done by prospectors: Gordon Blair Sheils , - #5 - 387 East 5th Street, North Vancouver, BC V7L 1M1, and Rolf Debler , 1321 Richards St., Apartment 402 -Vancouver BC., V6B 0E2. Work was done from July 24, 2012 to July 31, 2012. This assessment report was completed recently by the author from information provided by the optioning company, and includes rock and soil sample assays by SGS Assayers of North Vancouver B.C. Total cost of the program was \$ 13,493.36 and with PAC applied from Hemingway the amount filed was \$ 16,549.07 (Event # 5398971).

Work included:

• Prospecting for the original adit, which appears to have been covered by slumped bank till and vegetation

- Location of two old bridges crossing Truax Creek
- Twelve rock samples
- 62 soil samples (some samples shipped but only 48 received)

Traverse 1 (samples 1-19 and rock samples 1-5) extended from creek level near the old workings northward along the east side of Truax Creek past a prominent slide to the end of the old road. This traverse crossed a possible dyke/sill of ultramafics, suggested by the strong magnetic anomaly and high nickel values in soil. This has not been mapped in outcrop but may be found by diligent prospecting

Traverse 2 extended from sample 20 southward along the east side of Truax Creek to the bridge crossing. It includes soil samples 20 to 33.

Traverse 3, at wider spacing extends northward from the Truax Bridge on the west side of the creek on the main access road to the switchback area heading toward Carpenter Lake. This traverse includes soil samples 34-60 and rock samples RS 10-12.

While the sampling program in 2012 was limited and suffered from lack of planning and supervision, the samples taken corroborated broader soil grids completed in 1980-87. The suite of elements As, Sb, Bi, Mo Au suggests an affinity for the "Intrusion related or sediment hosted" gold deposits of the Yukon and Alaska.

The property is of merit and is worthy of continuing exploration.

Brief recommendations made for further work are set out below

- Relocate the previous drill roads, trenches and drill locations for all three mineralized zones where possible. With the heavy brush, power saws and brush cutters will be necessary.
- If the adits are located, clear them using an excavator,
- Trench across the 3 zones where overburden is thin enough to make this possible
- Twin 1-3 of the better drill holes, using HQ sized core
- Drill additional holes to extend the mineralized zones along strike and to depth
- Investigate the source of the arsenic, gold and molybdenum anomalies to the east of the showing.
- Attempt trenching the anomalies.

Targets for future work programs are:

- The main zone (possibly 3 adit) which would have to be uncovered by excavator trenching
- The South zone, which was drilled in the past from a road network extending uphill from the Truax Creek road
- The North zone which contained a number of interesting gold values.
- A large antimony arsenic gold geochemical zone upslope from the adit on the east side of Truax Creek
- A gossanous area on the peak southeast of the Mary Mac mineralization

A Phase 1 budget of \$350,000 is presented

Minor amendment Oct 7, 2013 was the addition nof geochemical element maps for Au, As, Sb.

TABLE OF CONTENTS

SUMMARY	2
INTRODUCTION	7
COMPANY	7
WORK DETAILS	7
LOCATION AND ACCESS	7
CLIMATE, VEGETATION AND PHYSIOGRAPHY	8
FIGURE 1. LOCATION MAP	9
MINERAL CLAIMS	
OPTION AGREEMENT	
FIGURE 2. CLAIM MAP	11
HISTORY	12
GEOCHEMISTRY	13
FIGURE 3. ANTIMONY IN SOILS (AR 8697, 1980)	14
FIGURE 4. ARSENIC IN SOILS (AR 8697, 1980)	15
FIGURE 5. GOLD IN SOILS (AR 8697, 1980)	16
FIGURE 6. MOLYBDENUM IN SOIL (AR 8697, 1980)	17
HISTORICAL TRENCHING	
HISTORICAL DRILLING	19
1983 Drilling (Kerr 1983)	19
Drill intercepts 1983	20
1987 Drill program	21
FIGURE 7. DRILLING ON MAIN ZONE AND NORTH ZONE	22
FIGURE 8. DRILLING ON SOUTH ZONE	23
REGIONAL GEOLOGY	24
FIGURE 9. GENERALIZED GEOLOGY OF GOLDBRIDGE AREA (CHURCH 1995)	25
LOCAL GEOLOGY	26
FIGURE 10. LOCAL GEOLOGY (FROM MINFILE)	27
FIGURE 11. STRATIGRAPHIC COLUMN - BRIDGE RIVER GROUP/COMPLEX	28
MINERALIZATION	29
Mineralized zones	29

FIGURE 12. SKETCH OF MARY MAC AREA (CHURCH 1995)	31
PAST PRODUCTION	32
RESOURCES AND RESERVES	32
ADJACENT PROPERTIES	
Grey Rock	33
FIGURE 13. GEOLOGY OF GREY ROCK/TRUAX AU-SB DEPOSIT, CHURCH 1995	
2012 EXPLORATION PROGRAM	35
Soil Samples	35
FIGURE 14. TRAVERSE 1 WITH ULTRAMAFIC BODY	38
FIGURE 15. GEOCHEMICAL PROFILE TRAVERSE 1	39
FIGURE 16. PLAN OF SOIL TRAVERSE 2 AT MARY MAC	40
FIGURE 17. GOLD AND ARSENIC IN SOIL TRAVERSE 2	41
FIGURE 18. PROFILE OF COPPER AND NICKEL IN TRAVERSE 2	42
FIGURE 19. PLAN OF TRAVERSE 3, NORTH END	43
FIGURE 20. TRAVERSE 3, SOUTH PART	44
FIGURE 21. PROFILE OF GOLD AND ARSENIC, TRAVERSE 3	45
Rock Samples	46
DISCUSSION	47
TARGETS	47
CONCLUSIONS	47
RECOMMENDATIONS	47
SUGGESTED BUDGET	48
BIBLIOGRAPHY	49
CERTIFICATE	50
ITEMIZED COST STATEMENT	51
PHOTOGRAPHS	52
WORK EVENT	55
APPENDIX 1 Client Detail	57
APPENDIX 2 - MINFILE No 092JNE096	58
APPENDIX 3 - MINFILE No 092JNE067	60
APPENDIX 5 – WAYPOINT DATA	62
APPENDIX 4 PROSPECTING NOTES	66
APPENDIX 6. ELEMENT MAPS AND ASSAY SHEETS	66

INTRODUCTION

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COMPANY

Nubia Exploration Ltd. Is a private company under the direction of Christopher R Anderson, President, CEO, and Director, Vancouver Office: 888 Dunsmuir St Suite 888, Vancouver BC Postal Code - V6C 3K4, Telephone (604) 628-6645 and e-mail: info@alliancemining.com

WORK DETAILS

The work was done by prospectors/samplers Gordon Shiels and Rolf Debler for Nubia Exploration Ltd. from July 24, 2012 to July 31, 2012. This assessment report was completed recently and includes assays by SGS Assayers of North Vancouver B.C. Total cost of the program as filed was \$ 13493.36 and with PAC applied from Hemingway the amount filed was \$ 16549.07 (Event # 5398971). Actual costs including this report was \$16,557.00

LOCATION AND ACCESS

The MaryMac Property is located on the North Slope of the Bendor Range, south of Carpenter Lake within the eastern side of the Coast Mountains in south-western British Columbia (Fig 1). The Property is situated on the central part of Truax Creek that flows into the south side of Carpenter Lake at approximately 12 km by air east from GoldBridge B.C. (Fig.2). The claim group is centered at Lat: N 50.8685°, Long: W 122.6915° and is about 240 km north of Vancouver BC.

Access to the property from Vancouver is via Highway 99 leading northwards to Pemberton BC, thence westward along the Lillooet valley road to the turnoff of Hurley River Forest service road bearing northward to Goldbridge BC. From GoldBridge, a road extends eastward along the south shore of Carpenter Lake for about 13 kms to a point west of Truax Creek, . The well maintained gravel road then

trends up the hill to the property. Total driving distance from GoldBridge is approximately 20 kms to the old Mary Mac Mine road turnoff, a four-wheeled drive vehicle is recommended.

Gold Bridge is the nearest community providing food and lodging amenities, an emergency medical station, light road construction equipment, hydroelectric power generation, and a library with internet connections.

The main service centers in the region are the towns of Lillooet, a community 100 road Kms to the east of Gold Bridge and connected via a well paved two lane road maintained year round for access or Pemberton. Lillooet provides major road and rail links, airport, and other major construction equipment providers for service to the mining industry.

There is no power available on the property; adequate water exists for drilling. A small cabin could be cleaned up and campsite areas are present. Access roads from the Truax roads to the old mill site may be partly slumped and overgrown. Trails to the old adit are now overgrown and must be re-established.

There may be First Nations heritage claim or Treaties covering the Truax Valley and surrounding area. The Property occupies entirely on Crown Land and there are no private surface rights holders. However, a proposed Run-of-River Hydro Power Project on Truax Creek by Max-Power (Syntaris) of Vancouver BC has applied for the use of surface and water rights. The Property has no known environmental concerns. There are on-going intermittent logging operations and extensive old logging and mining roads.

CLIMATE, VEGETATION AND PHYSIOGRAPHY

The Mary Mac Property is located in the Truax Creek U-shaped glacial valley north-eastern slope of the Coast Mountain's Bendor Range. The elevations range from 800 meters ASL immediately south to almost 2200m ASL on the south-eastern and the south-western corners of the claim group.

Hemingway (2009) notes that "The steep gradient of the upper slopes east of Truax Creek is the source area for the majority of the recent landslides that cover the valley floor in the vicinity of the Mary Mac mineral occurrences". The best rock exposures are found in road cuts, ridge crests, and in some of the creeks on the slopes near the valley floor. A fairly recent rhyolitic ash covered large areas over the glacial colluvium 2350 years BP and may in places interfere with geochemistry.

The climate in the area is typical of the Chilcotin-Lillooet region except much wetter due to being within the rain shadow of the Bendor Mountain Range. The nearest reporting weather station is at Lytton or Lillooet. Exploration can generally be done from May to October.



FIGURE 1. LOCATION MAP

MINERAL CLAIMS

Nubia Exploration Ltd. Is the registered owner of the six claims listed below, all situated along Truax Creek on the south shore of Carpenter Lake, east of Goldbridge. The claims were previously held by Alan Brent Hemingway, geologist.

Tenure	Claim		Мар		Good To	
Number	Name	Owner	Number	Issue Date	Date	Area (ha)
507082		253648 (100%)	092J	2005/feb/14	2014/oct/10	367.202
507139	Merry Mac	253648 (100%)	092J	2005/feb/14	2014/oct/06	203.971
507142	Carpenter	253648 (100%)	092J	2005/feb/14	2014/oct/06	326.286
507146	Williams	253648 (100%)	092J	2005/feb/14	2014/oct/06	305.999
603366	MARY	253648 (100%)	092J	2009/apr/24	2014/oct/06	102.0066
606665	MM	253648 (100%)	092J	2009/jun/26	2014/oct/06	122.4323
						1427.8969

The claims are shown in the accompanying Figure 3.

OPTION AGREEMENT

Under an Option Agreement between Nubian and vendor Alan Brent Hemingway, Nubian can acquire 100% interest in the Mary Mac property by issuing \$25,000 value in stock, paying cash of \$24,000 and completing \$400,000 of exploration work over a period of three years.

Hemingway retains a 2% NSR on minerals except antimony and 3% on antimony of which Nubia shall have the right to purchase at any time up to three quarters of the NSR of all commodities except Antimony (i.e. 1.5%) for a purchase price of \$1,500,000 less any cash Payments made under paragraph 3.1(a) (b) and Consulting fees paid to the Optionor during the term of the agreement, and shall have the right to purchase at any time one third of the NS Royalty of Antimony (i.e. 1.0%) for a purchase price of \$2,000,000 less any cash Payments under paragraph 3.1(a), (b) and less any Consulting fees paid to the Optionor during the term of the agreement.

MINTO MINE (L.5601) CONGRESS LOUN & OLYMPIC (L6280) (BILLYO ZONE) ENIGMA OLYMPIC (MANNERS ZONE) Carpenter Lake CONGRES OLYMPIC (HILLSIDE OLYMPIC CANADA DAY KELVIN RESS (HOWARD) BUL MINER XCI MARY MAC RELIANCE 1000 M 507142 PROPERTY TruaxOr SENATOR (L.7651) To Goldbridge 11///11 087 .086 507139 * MARY MAC (SOU H'ZONE) 507146 507082 MARY MAC (MAIN) 603366 NORMA WORK AFEA 606665 p Center: 50.8721N 122.7236W T

FIGURE 2. CLAIM MAP

HISTORY

Exploration in the area has continued since the discovery of the Bralorne and Pioneer mines and adjacent prospects. As provided by Hemingway (2009) a brief history follows:

The original Mary Mac Claims were staked by George and Jack Morrison of Vancouver in the 1930's. Access then was by horseback Work consisted of a few short exploration adits on the eastern bank of Truax Creek at the present site of the Mary Mac Main zone.

1949: A truck road leading up Truax Creek to the headwaters was constructed to provide access to an area now known as the Grey Rock Mine.

1960s-1974: In the 1960s Mr. Harry Street of Gold Bridge drove the main adit at the Mary Mac Main at the present day location as well constructed a small mill to grind the stibnite ore. In 1974, production of 3 to 4 tonnes per day of rough stibnite was won from the narrow quartz veins.

1980: W. Cook staked the area and consequently sold 50% to Keron Holdings of Vancouver, BC. A reconnaissance soil survey covered most of vicinity and a detailed survey between the south and main zones (Gruenwald, 1980). Several anomalies were outlined having high molybdenum and arsenic values.

1981: Hudson's Bay Oil & Gas Co. performed a major trenching and road building (4.5kms) on the eastern side of the valley above the old Mary Mac adit. Geological mapping and sampling of the trenches that were later analyzed for gold, arsenic, and antimony (Hall, 1983). Hudson's Bay was later taken over by Dome Petroleum.

1983-1984: Andaurex Resources of Toronto, Ontario optioned the property and performed several drill programs on the Main, North and South zones to further delineate the mineralization which led to a resource calculation for each zone (Kerr, 1983). Although the results were encouraging for further exploration, Andaurex declined to continue with the option with Dome Petroleum. Late in 1984 Dome declined to continue the option with Keron et al; and the property was returned.

1985-1986: The property was optioned to a major U.S coal company, Pilgrim Coal Corporation of Atlanta Georgia, who performed various exploration programs over the whole area including: further soil sampling, magnetometer, VLF-EM, geological mapping, and trenching surveys (Wynne, 1986).

1987: Dawson Geological Consultants were commissioned by Pilgrim Coal to manage a drill program due to the encouragement received by the previous surface exploration work. The 1987 drilling of 11 holes totalled 998m in all of the three mineral occurrences: North, Main and South zones. The results were not encouraging enough for the company to continue with the option (Dewonck, 1987).

1998: Werner Gruenwald of Kamloops BC staked the area after the ground became open and later sold the property to a company controlled by Mr. Alan Savage of Vancouver BC.

1999-2000: The claims were allowed to lapse and Brent Hemingway B.Sc. staked the Merry Claims in mid 1999 and has held it to the present date. In 2000, a preliminary magnetic survey and slide analysis of the property was initiated by the Author (Hemingway, 2000).

2001: The property was optioned to Princeton Ventures of Vancouver BC which conducted a Satellite Imagery Analysis in several band widths for determination of alteration mineralization (Ostler, 2001).

2004-2005: Action Resources of Vancouver BC optioned the claims from the Author. A reconnaissance geochemical silt, moss and rock assaying was conducted by the company (Kowalchuk, 2006). The results of the program were sufficient to warrant the next phase of exploration.

2006: Bradford Minerals of Vancouver BC on behalf of Action Minerals engaged Peter Walcott & Associates for a Heliborne Magnetic & Electromagnetic Survey over the entire property (Walcott, 2006). Results from the program indicated a number of conductive trends and anomalies, further work was recommended. However, the company elected to return the property to Mr. Hemingway.

2012: An option agreement was signed with Nubian Explorations Ltd. Who are now the registered claim holder.

GEOCHEMISTRY

The best geochemical program on the Mary Mac property was in 1980, a summary is quoted from Gruenwald (1980)

Between the period May 23 to July 24, 1980, a chain and compass grid was established over most of the accessible portions of the Truax property. Sail samples were coilected at 100 meter intervals on lines 500 meters apart except in the detailed grid area where soils were taken at 50 meter intervals on Lines 100 meters apart. All samples were collected from the B horizon, below the volcanic ash layer. Stream sediment and rock chip samples were also collected over the grid area. A total of 21 silts, 485 soil5 and 21 rock chip sample5 were collected from the H. J. claims. Geochemical sampling in the immediate area

A volcanic ash layer is found over the entire claim block except on outcrops or on extremely steep slopes where erosion would have quickly removed it. The ash is pale yellowish brown and consists of sand to pebble sized, felsic almost pumice rock. The thickness of the ash layer varies from 10 to 50 cm and is often covered by a recently established soil profile.

Geochemical sampling in the immediate area of the stibnite vein and old workings returned definitely anomalous values for molybdenum, arsenic, antimony and gold. The close proximity of the veins, feldspar porphyry dykes and fault zones would seem to explain the anomalous molybdenum, arsenic, antimony and gold values found in and around the old workings. In summary, the geochemistry of the Truax property outlines two mineralogical environments, each of separate ages and yet quite possibly closely related. One environment would be of a molybdenite mineralized intrusive body (source of feldspar porphyry dykes) and the other environment being a system of gold hearing veins peripheral to the main intrusive body.

L- 6E L- 5E LIE L-4E 1-3E -2E **ANTIMONY** Lines 100 m old m slide ⊐ apart∕ **GEOCHEM** Detailed Grid Fig No. 224-CLIFFS 14-NS H.J. values ¥ 16 ppn -5000-

FIGURE 3. ANTIMONY IN SOILS (AR 8697, 1980)



FIGURE 4. ARSENIC IN SOILS (AR 8697, 1980)



FIGURE 5. GOLD IN SOILS (AR 8697, 1980)



FIGURE 6. MOLYBDENUM IN SOIL (AR 8697, 1980)

HISTORICAL TRENCHING

The 1986 program, under an option with Pilgrim Holdings Inc., included:

- Establishment of a chained and flagged grid
- Soil geochemistry
- VLF-EM Survey
- Magnetometer survey
- Trenching and geological mapping.

The following summary is from Wynn (1986): Seventeen trenches were dug using a Cat 225 hydraulic excavator to investigate the geophysical and geochemical anomalies and to extend the known quartz-stibnite zones: These trenches were sampled and mapped in detail wherever bedrock was encountered, for a total of 110 rock chip samples.

Main Zone: Trench 17 exposed Main Zone mineralization at two locations 32 meters apart, and these are thought to be two separate zones, with barren ribbon chert between. At the south end of the trench two samples (5-6m) on one shear averaged 7767 ppb Au over 27.5 cm. The zone 32m to the north (38-39.5m) grades 9437 ppb Au over 1.5 m. These are both relatively flat north dipping shear zones and their relationship to similar mineralization encountered in 1983 DDH T83-02 and 05 is not clear. The zone at 5-6 m has a felsic silica footwall alteration similar to the South Zone mineralization which lies some 890m to the south. Trench 12 encountered a rusty shear zone 20 cm wide from which a grab sample ran 21,500 ppb Au. This zone is not stibnite-bearing and appears to lie to the south of any projection of the Main Zones in Trench 17. It warrants further investigation. None of the remaining trenches encountered Au values of interest, although they did help the overall understanding of the property.

South Zone: Trenches 1,2,5,6 and 9 exposed South Zone mineralization. This zone is now exposed over a 220 m strike length, with values as follows (next Page) There is no clear relationship of the South Zone mineralization to surrounding geology. It appears related to a zone of light colored silica-feldspar, somewhat skarn-like alteration that usually lies in the zone footwall, and it probably crosscuts the surrounding argillite and andesite.

TRENCH ASSAYS FROM 1986, SOUTH ZONE										
Trench	From (m)	To (m.)	Width (m)	g/t Au	Oz/t Au					
1	6	6.9	0.9	19.00	0.569					
2	9.00	11.00	2	2.43	0.07					
	11.00	11.80	0.8	15.00	0.441					
5	14.00	14.50	0.5	9.11	0.288					
	14.50	15.00	0.5	22.00	0.651					
6	15.00	16.80	1.8	3.10	0.092					
	16.80	17.20	0.4	7.22	0.206					
	17.20	19.00	1.8	22.00	0.651					
	19.00	20.00	1	7.36	0.209					
	20.00	21.50	1.5	2.83	0.071					
9	11.00	12.00	1	7.66	0.215					
	12.00	13.00	1	5.96	0.162					
	13.00	14.00	1	3.63	0.098					

HISTORICAL DRILLING

1983 Drilling (Kerr 1983)

During May, 1983 a detailed grid was established over the showing areas to provide grid control for detailed geological mapping, sampling and' diamond drilling. The drill was provided by Core Enterprises Ltd., of Clinton, B.C. who supplied a Boyles Super 15A drill rig. The programme was completed using NQ equipment, providing core samples of approximately 2" diameter. A total of 11 drill holes tested four different targets for a cumulative total of 872.2 meters (2861 feet). Two holes were abandoned in deep overburden, which meant collaring two additional holes from the same set-up.

Details of the programme are outlined in the following table, summarizing each drill hole. All drill core was collected in 6 meter (20 ft.) wooden core boxes, appropriately marked indicating hole and depth. All core was geologically logged, indicating basic rock-types, alteration, structures, fractures, veining and mineralization. Selected sections of the drill core were split, half of the core being submitted to the Kamloops research and Assay Laboratories for gold and silver assay. Approximately 60% of the core has been assayed.

DRILL INTERCEPTS AT MARY MAC 1983										
HOLE	FROM	то	WIDTH	GRADE	GRADE					
No	m.	m.	m.	opt Au	g/t Au					
83-01	26.3	28.3	2	0.023	0.789					
	43.6	45.9	2.3	0.048	1.646					
83-02	11.3	24.7	13.4	0.011	0.377					
	24.7	34.7	10	0.118	4.046					
incl.	28.7	32.7	4	0.241	8.263					
83-03	36.3	38.9	2.6	0.021	0.720					
	45.1	49.5	4.4	0.1	3.429					
	55.5	58.5	3	0.019	0.651					
	116	117	1	0.088	3.017					
83-04	31.4	37.3	5.9	0.031	1.063					
83-05	4.6	10.6	6	0.023	0.789					
	19.6	20.5	0.9	0.026	0.891					
	31.5	35.5	4	0.012	0.411					
	41.2	47.2	6	0.036	1.234					
83-06	47.2	48.2	1	0.245	8.400					
83-07	31.4	32.2	0.8	0.315	10.800					
83-08	76.2	79.5	3.3	0.103	3.531					
incl.	76.9	77.9	1	0.3	10.286					
83-09	20.3	27	6.7	0.051	1.749					
incl.	22.2	22.9	0.7	0.147	5.040					
83-10	14	18	4	0.02	0.686					
83-11	32.1	34.5	2.4	0.075	2.571					

Drill intercepts 1983

Sampled By J.Kerr 1983

1983 DRILLHOLE LOCATIONS - TRUAX CREEK											
HOLE NO.	NORTH	WEST	AZ.	INCL.	O/B	DIP TEST	ELEVATION	DEPTH			
	М	М	DEG	DEG	М	DEG	М	М			
T83-01(A)	1217.0	46.0	213	-46	11.9		1397.9	9.0			
T83-01	1218.0	46.0	214	-47	11.9	-47	1397.9	73.2			
T83-02	1208.0	67.0	210	-45	4.5	-43	1371.3	60.0			
T81-03	1352.0	27.8	210	-50	2.7		1373.6	120.4			

T83-04(A)	1304.0	-1.8	320	-50	20.1		1407.1	20.1
T83-04(B)	1304.0	-1.8	320	-65	16		1407.1	56.9
T83-05	1224.0	67.4	210	-55	4.6	-50	1377.0	90.8
T83-06	414.0	54.0	180	-50	3.6	-49	1486.0	71.6
T83-07	418.0	4.0	190	-50	6.7	-46	1482.6	92.0
T83-08	1260.0	89.0	214	-46	3	-58	1333.2	90.5
Т83-09	1206.0	3.0	210	-50	15.8	-50	1412.0	60.3
T83-10	1257.0	65.0	210	-50	4.3	-47	1373.5	82.3
T83-11	391.0	67.0	180	-45	3		1489.5	45.1
13 HOLES								872.2

1987 Drill program

In 1986, Pilgrim Holdings Inc. conducted soil sampling, VLF-EM, magnetometer, trenching and geological surveys with particular emphasis on the three zones drilled in 1983. Results of this work prompted the 1987 drilling program: 11 holes totalling 998 meters (3273 feet).

South Zone:

Drill hole T87-2 (below Trench 6) intersected a strong zone of shearing, brecciation and quartz-stibnite mineralization which includes the only significant gold ore intercept of the whole program, 0.269 ounces per ton over 3.4 meters, and is followed in the footwall by a strong interval of felsic alteration.

Drill hole T87-10 was drilled to test the zone down dip below T83-11 and slightly west of the trenches in Truax Creek. It intersected extensive massive volcanics with irregular pyrrhotite/pyrite/calcite/quartz aggregates scattered throughout carrying low gold values. The zone is distinctly represented by an intensely silicified interval 2.95 meters long, of which 1.1 meters assays 0.165 ounces gold per ton

Main Zone:

The four drill holes completed on this zone explored the trend at approximately 50-meter intervals to 200 meters west of the showings on Truax Creek. Two mineralized intervals exposed in the trench are evident in hole T87-5. The westernmost hole on the Main Zone trend, T87-8, intersected several quartz-stibnite veinlets, one assaying as high as 0.454 ounces gold per ton, but they are very narrow and hosted by barren rock

South Zone:

Drill hole T87-9 was the only hole drilled in 1987 to test this zone. It is located across Truax Creek from the showing, 60 meters to the northwest of it. Drilling across the projected trend, the hole intersected a 3.25-meter zone of broken and mildly sheared feldspar porphyry with no values. In general, the 1987 drill results were not regarded as encouraging at the time, but gold prices were low and Antimony values were not analyzed in detail. All the data needs to be reviewed and compiled Properly. Locations should be found where possible and related to UTM coordinates (note that the 1983 and 1987 programs used different grid systems.

FIGURE 7. DRILLING ON MAIN ZONE AND NORTH ZONE



FIGURE 8. DRILLING ON SOUTH ZONE



REGIONAL GEOLOGY

Hemingway has compiled the following summary of regional geology: (summarized and amended for brevity)

The geology of the region is well-documented by B.N. Church in Paper 1995-3 by the Geological Survey Branch of BC. The Bridge River area hosts a large variety of sedimentary, volcanic and igneous rocks from the Paleozoic, Mesozoic and Tertiary eras. The oldest (not dated) are bedded Paleozoic, oceanic rocks of the Fergusson Assemblage consisting of ribbon cherts with anastomosing quartz veinlets with black argillite, volcanic greenstone, basaltic lavas and thin recrystallized limestone bands. The thin limestone band is the only known marker horizon in the assemblage. In some places, the beds are so contorted that they become extremely fragmented and milled to the point of almost resembling a lapilli-size conglomerate. The unit attains a thickness of 1000 metres near Mount Fergusson but the base has not been observed.

The Triassic to Jurassic Tyax Assemblage is a dated package of similar rocks that is indistinguishable from the Fergusson Assemblage. The (Mary Mac) Claims may be underlain by both of these assemblages cut by feldspar porphyry dykes related possibly to the Bendor Intrusive. The Tyax Assemblage lies to the immediate north of the Merry Claims.

The next set of rocks laying above the Fergusson Assemblage is the Upper Triassic to Late Jurassic Cadwallader Group consisting (in order) of the Pioneer, Noel, and Hurley formations. The Pioneer formation contains pillow basalts, volcanic flow breccias, massive lava flows, and sills. The Noel formation is a sequence of bedded siltstone and laminated black argillites containing minor lenses of gray limestone. The Hurley formation comprises of rocks of black argillite, siltstone, sandstone, conglomerates and fossil bearing limestone lenses. The lower part of the Hurley formation is gradational into the Pioneer formation. To the immediate south of the claims, the Pioneer pillow basalts are exposed in a logging road cut.

The closest intrusive complex to the (Mary Mac) claims is the early Tertiary Bendor intrusions of the Coast Plutonic Complex at the headwaters of Truax creek. This late Cretaceous/ early Tertiary intrusive complex mostly contains phases of biotite-hornblende granodiorite, diorite, granite and monzodiorite. These medium grained rocks are well exposed, light to medium greyish and not altered. In contrast to the intrusive rocks of the Bendor Range, the hornblende feldspar porphyry dykes at the claims are altered with several mineralizing events.

The regional structural trend is northwesterly, the structures on the Mary Mac claims, from previous reports, indicate the mineralized quartz veins and the feldspar porphyry dykes conform to this trend. In contrast, the basement of Truax creek has been mapped showing structures trending to a north to northeasterly direction.

A volcanic ash layer covers most of the Merry claims from a thickness of 6 to 30 ems. This ash layer is known as the Bridge River ash that regionally covers a large area over the glacial colluvium. The ash is a

Page | 25

light-yellow coloured coarse grained rhyodacite-pumice dated at 2350 years before present. The source of the ash apparently has originated from a volcanic vent on Plinth Mountain in the upper Lillooet River valley, about 50 kilometres distant from the Gold Bridge area. The ash covers all but the highest peaks, steepest slopes and outcrops where the action of the weather has washed it clear.

FIGURE 9. GENERALIZED GEOLOGY OF GOLDBRIDGE AREA (CHURCH 1995)



LOCAL GEOLOGY

As reported by John Kerr, P.Eng. in his 1981 report:

Geological mapping of the H.J. claims has indicated the property to be underlain by metasediments and metavolcanics of the Bridge River Group. The metavolcanics are generally gray/green, fine-grained chloritized rocks, that appear to represent andesite flows, tuffs and fragmentals. The metasediments are interbedded with the volcanic rocks, and consist of argillite, chert, phyllite and minor limestones, all having been highly altered by regional and thermal metamorphism. Alteration is mainly silicification, calcite and pyrite. The stratigraphy could not be discerned due to lack of outcrop, structural and intrusive deformation, and regional metamorphism.

Intruding the volcanic/sedimentary package are numerous dikes and sills of rusty, grey/green, medium grained, highly altered feldspar porphyry. Alteration includes widespread chlorite, with local zones of - sericite, quartz and K-feldspar (argillic). Accompanying the altered feldspar porphyry is abundant pyrite and local zones of molybdenite.

The general trend of these sills is west to northwesterly, conforming to the regional structural fabric, however local contact trends are very irregular. It is believed that these dykes and sills are related to the Bendor Batholith.

The major structural trend is generally west to northwesterly. Most local structures mapped on the property conform to this trend. Structures consist of fault zones, quartz/carbonate veins, and dominant shears and fractures. In the floor of Truax Creek, some local shears and veins trend in a north-northeasterly direction. The possibility exists that Truax Creek may be part of a north by northeasterly trending fault .

Accompanying the veins and shear zones are bands of massive stibnite. Associated with the stibnite veins is gold mineralization. The veins 0 strike west to northwesterly, dip 50-70 N, and transect all rock types.

Within the sediment/volcanic package, the veins are well defined, and confined to 0.5-2 meter widths. Within the feldspar porphyry, the structures are quite diffuse, creating significant widths of alteration and mineralization.

603723 BILL MINER LEVON 5637000 510884 524000 590661 59066 Faults. 507142 Metasediments 509832 5636000 521000 23000 507139 Bridge River Complex 563500 Probable Ultramafics 597938 MARY MAC (SOUTH ZONE) BILLINGSLEY 522000 940 520000 590662 519000 507146 Fault 603366 MARY MAC 5634000 SOUTH 597936 HEMINGWAY Metasediments 5633000 600006 SCALE BAR 1900 METERS 604476 604419 SHEARER

FIGURE 10. LOCAL GEOLOGY (FROM MINFILE)

B.J. PRICE GEOLOGICAL CONSULTANTS INC.VANCOUVER B.C 604-682-1501

FIGURE 11. STRATIGRAPHIC COLUMN - BRIDGE RIVER GROUP/COMPLEX



MINERALIZATION

The Mary Mac property on Truax Creek hosts two separate mineralized occurrences:

- The Mary Mac main is a past producing antimony-gold-silver mine with a vein structure.
- The Mary Mac south is a developed gold antimony breccia vein deposit.

The two deposits occur in Mississippian to Jurassic Bridge River group metasediments and volcanics, which are cut by hornblende-feldspar porphyry dike swarms related to the Tertiary to Cretaceous Bendor pluton on Mount Williams nearby.

Mineralization at the Mary Mac (main) prospect consisted of two types of mineralization,

- 1. earlier molybdenum mineralization followed by
- 2. later stibnite-gold mineralization.

The gold-bearing quartz carbonate stibnite veins transect all rock types. The veins range from 0.5 metre to two metres in width and contain up to 10.3 grams per tonne (g/t) gold and 20 per cent antimony. The Mary Mac south zone consists of a mineralized breccia vein containing stibnite and pyrite with grades up to 8.18 g/t gold over 2.24 metres. All of this mineralization including the molybdenum may be related to the Mount Williams intrusive.

Mineralized zones

The work in 1983 outlined three mineralized zones described as follows: (Kerr 1983)

<u>Main Zone</u>: The main zone has been intersected in all six holes, and occurs in both the sediments and volcanics and the feldspar-porphyry. It is within the feldspar porphyry that economic gold intersections over substantial widths occur (surface showing, DDH-2, 5 & 9). The zone appears to plunge to the west, with an apparent decrease in content of gold with depth. The zone is open in both directions along strike.

<u>South Zone</u>: The north zone is exposed in two surface trenches and in three drill holes and occurs in only the volcanic/sedimentary rocks. The zone is very strong, with consistent mineralized widths ranging from 1 - 4 meters. The zone is open in both directions along strike and with depth.

<u>North Zone</u>: The north zone is indicated in two drill holes, and occurs in both volcanics and feldspar porphyry. The interpretation of this zone can be regarded as inconclusive, partly due to drill problems and poor core recovery of DDH #4, and due to lack of correlation of the intersected zones to surface showings. The zone can be regarded at this time to be open in all directions and at depths.



FIGURE 12. SKETCH OF MARY MAC AREA (CHURCH 1995)

PAST PRODUCTION

Mr. Harry J. Street constructed the existing mill on the property during the 1970, and made limited shipments of stibnite concentrate. The ore was mined from the several small adits and cuts that exist on the property.

RESOURCES AND RESERVES

Based on the 1983 drill results for Andaurex, geologist John Kerr, P.Eng. estimated the following historical resources.

ESTIMATED HISTORICAL RESOURCES											
John Kerr, P.Eng. 1983 for Andaurex											
ZONE	TONNES SHORT TONS GRADE GRADE VERT.DEPTH STR.LENGTH AVE.WID										
	metric	Imperial	oz/T Au	g/t	meters	meters	meters				
Main	22,300	24,500.00	0.239	8.19	60	140	2.70				
South	27,300	30,000.00	0.263	9.02	40	110	2.40				
North	10,800	11,900.00	0.169	5.79	40	40	2.00				
Totals:	60,400	66,400.00	0.237	8.13			2.40				
At 0.10 opt cu	At 0.10 opt cutoff										

ZONE	TONNES	SHORT TONS	GRADE	GRADE	VERT.DEPTH	STR.LENGTH	AVE.WIDTH
	metric	Imperial	oz/T Au	g/t	meters	meters	meters
Main	78,500	86,400.00	0.093	3.19	60	140	6.40
South	33,300	36,600.00	0.221	7.58	40	110	2.60
North	39,200	43,100.00	0.075	2.57	40	40	4.20
Totals:	151,000	166,100.00	0.116	3.98			5.10
At 0.03 opt cu	utoff						

Note that these resources are historical, neither the company nor the present author have validated the estimate, which is not compliant with National Instrument 43-101, and it should not be relied upon.

ADJACENT PROPERTIES

Grey Rock

The nearest comparable property is the old Grey Rock mine, from which small amounts of antimony have been produced. This is at the head of Truax Creek in a glacial cirque. The property is currently owned by Levon Resources Inc. Location of the property is Latitude 50° 48' 15" N Longitude 122° 42' 00" W or UTM 10 (NAD 83) Northing 5627872 / Easting 521238 . Earlier prospects (Commerce, Stewart, B & M, Birthday) may have been later incorporated into Gray Rock mine; all are located near the head of Truax and Fergusson creeks (listed under National Mineral Inventory No. 92J15 Sb7). The following description is from Minfile:

The mineralized veins of the Grey Rock occurrence are hosted by the Mississippian to Jurassic Bridge River Complex (Group) metasediments-greywacke, hornfels, minor conglomerates, recrystallized chert breccia and silicified limestone and volcanics. The metasediments are complexly intruded by dykes of granodiorite, aplite, granite, quartz diorite and quartz latite; extensions of the Cretaceous to Tertiary Bendor batholith are found approximately 300 metres to the south. Quartz filled parallel fissures transect both metasediments and dyke rocks. The mineralized veins are found mainly in the metagreywacke. The quartz infillings in the dykes are generally barren.

There are three main veins and up to six in a parallel system, striking northeast and dipping 50 to 65 degrees southeast. The vein-fissures vary in width from several centimetres to 2 metres, and have numerous faulted minor offshoots. The main (#1) vein is continuous downdip for at least 123 metres, averaging 1 metre in width and is offset 35 metres by fractures. The mineralization occurs in lenticular masses and is constant throughout the length of the vein. Stibnite occurs as disseminations and streaks in the quartz gangue and as massive layers on the vein walls. Smaller amounts of pyrite, grey copper with associated silver, sphalerite, galena, arsenopyrite, tetrahedrite and fuchsite are found in the main #1 vein; #2 and #3 veins contain only discontinuous lenses of high grade stibnite.

What were called at the time "Proven ore reserves" (which are not compliant with NI 43-101) are 17,780 tonnes of 4.0 per cent antimony, 2.4 per cent lead, and 342.8 grams per tonne silver. Combined with probable and possible "reserves", totals (also non-compliant) are 7<u>0,488 tonnes of 3 per cent</u> antimony, 2.1 per cent lead and 342.8 grams per tonne silver. Assay results are in grams per tonne: 0.34 gold, 40.1 silver, 8.0 per cent antimony, 0.15 per cent arsenic and trace iron (Assessment Report 837). Assays for #1 vein are reported as 1557 grams per tonne silver, 3.9 per cent lead and 10.7 per cent antimony over 1.1 metres by 30.5 metres strike length (Minister of Mines Annual Report 1954). In 1951, 3765 kilograms of antimony were recovered from 7.3 tonnes of sorted ore. There are two adits (6500 feet and 6800 feet) with "several hundred feet" of drifting on #1 vein.

Along strike to the northwest of Mary Mac are the Olympic, Kelvin, Reliance, Congress and Minto old mines, owned by others. These are similar veins and alteration zones with significant antimony arsenic and gold values. The famous and highly productive Bralorne-Pioneer gold mining camp lies a few kilometers to the west in the valley of Cadwallader Creek.

FIGURE 13. GEOLOGY OF GREY ROCK/TRUAX AU-SB DEPOSIT, CHURCH 1995



2012 EXPLORATION PROGRAM

The work was done by prospectors: Gordon Blair Sheils , - #5 - 387 East 5th Street, North Vancouver, BC V7L 1M1, and Rolf Debler , 1321 Richards St., Apartment 402 -Vancouver BC., V6B 0E2. Work was done from July 24, 2012 to July 31, 2012. This assessment report was completed recently by the author from information provided by the optioning company, and includes rock and soil sample assays by SGS Assayers of North Vancouver B.C. Total cost of the program was \$ 13,493.36 and with PAC applied from Hemingway the amount filed was \$ 16,549.07 (Event # 5398971).

Work included:

- Prospecting for the original adit, which appears to have been covered by slumped bank till and vegetation
- Location of two old bridges crossing Truax Creek
- Twelve rock samples
- 62 soil samples (some samples shipped but only 48 received)

The sample sites are shown on an accompanying sketch map and analyses are provided in an appendix.

<u>**Traverse 1**</u> (samples 1-19 and rock samples 1-5) extended from creek level near the old workings northward along the east side of Truax Creek past a prominent slide to the end of the old road. This traverse crossed a possible dyke/sill of ultramafics, suggested by the strong magnetic anomaly and high nickel values in soil. This has not been mapped in outcrop but may be found by diligent prospecting

Traverse 2 extended from sample 20 southward along the east side of Truax Creek to the bridge crossing. It includes soil samples 20 to 33.

Traverse 3, at wider spacing extends northward from the Truax Bridge on the west side of the creek on the main access road to the switchback area heading toward Carpenter Lake. This traverse includes soil samples 34-60 and rock samples RS 10-12.

Soil Samples

Soil samples were from road banks mainly, and the values demonstrate that geochemistry works well in this location and that ash cover is not extensive or absent. Although the samplers did not provide detailed notes on individual samples, the soils are from B-horizon where possible, taken at regular intervals along the roads. GPS locations are provided in an appendix, in UTM NAD 83 datum format.

Many of the samples are anomalous in gold, copper, molybdenum, arsenic and antimony, and an interesting correlation appears with nickel, perhaps suggesting a genetic component with deep seated

faults and serpentine bodies. Sample locations and traverse maps are found in an Appendix. Anomalous samples are shaded yellow (gold) or pink (other elements). The results corroborate anomalous results from past sampling programs and indicate that a new, well-controlled grid or contour based sampling program related to topography and recognizable geographic points is necessary. Sample results for major important elements are given on the following pages.

SOIL SAMPLES FROM MARY MAC PROPERTY 2012										
ELEMENT	WtKg	Au	As	Bi	Cu	Мо	Ni	Sb		
METHOD	WGH79	FAA313	ICP14B	ICP14B	ICP14B	ICP14B	ICP14B	ICP14B		
DETECTION	0.001	5	3	5	0.5	1	1	5		
UNITS	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm		
SAMPLE NO.										
12	0.39	20	57	<5	68.3	4	330	6		
13	0.48	8	17	<5	96.5	<1	2370	<5		
14	0.48	8	9	<5	84.4	<1	2410	<5		
15	0.45	7	20	<5	47.5	<1	1760	<5		
16	0.39	32	29	<5	108	3	233	<5		
17	0.55	25	38	10	128	4	412	15		
18	0.44	8	16	17	115	6	655	16		
19	0.42	11	21	12	136	8	547	20		
20	0.31	50	70	<5	196	21	167	14		
21	0.30	69	67	10	283	23	150	11		
22	0.32	46	82	<5	2090	46	539	8		
23	0.25	26	84	7	165	13	125	6		
24	0.33	55	116	<5	149	9	128	<5		
25	0.27	126	191	<5	137	5	128	6		
26	0.35	79	213	<5	152	8	158	18		
27	0.35	37	104	<5	147	5	242	8		
28	0.31	82	154	<5	88.9	5	58	8		
29	0.37	102	202	<5	237	7	88	23		
30	0.24	31	85	<5	99.7	4	88	15		
31	0.43	13	53	<5	95.1	2	47	7		
32	0.24	30	159	8	126	2	129	16		
33	0.38	44	207	10	141	1	174	21		
34	0.48	58	347	<5	106	<1	177	19		
35	0.28	10	60	8	47	<1	66	<5		
36	0.38	36	136	9	115	2	129	20		
37	0.32	60	113	<5	85.6	1	119	6		
38	0.31	30	71	<5	86.6	<1	134	9		
39	0.47	45	118	<5	103	1	170	10		
40	0.35	27	94	5	90.3	<1	191	12		

Samples 1-11 missing at lab.
	SOIL SAMPLES FROM MARY MAC PROPERTY 2012								
ELEMENT	WtKg	Au	As	Bi	Cu	Мо	Ni	Sb	
METHOD	WGH79	FAA313	ICP14B	ICP14B	ICP14B	ICP14B	ICP14B	ICP14B	
DETECTION	0.001	5	3	5	0.5	1	1	5	
UNITS	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	
SAMPLE NO.									
41	0.37	92	147	<5	95.2	1	562	15	
42	0.27	34	57	<5	38	<1	155	<5	
43	0.36	21	46	<5	69	<1	178	9	
44	0.31	17	29	6	76.7	2	169	<5	
45	0.43	9	19	17	75.5	<1	136	10	
46	0.34	10	15	10	43.1	<1	151	8	
47	0.34	8	9	<5	79.8	2	1160	20	
48	0.38	10	17	11	73.9	5	314	5	
49	0.31	21	14	<5	78.4	3	418	<5	
50	0.45	36	7	<5	47.2	<1	2200	<5	
51	0.35	16	28	12	70.8	<1	203	9	
52	0.40	11	12	<5	152	1	347	13	
53	0.48	17	33	<5	92.5	2	222	6	
54	0.57	17	25	<5	85.4	<1	177	9	
55	0.54	147	5	15	97.7	<1	74	10	
56	0.52	8	23	10	51.3	<1	189	9	
57	0.58	17	47	7	64.9	<1	152	8	
58	0.45	14	23	9	86.1	<1	221	7	
59	0.38	8	10	6	102	5	277	<5	
60	0.29	13	25	6	89.2	2	108	13	
48 samples	samples 1-	11 and 61,	62 listed	but not re	eceived at	lab.			

Anomalous Au, As, and Sb are shown on Figures in an Appendix.

FIGURE 14. TRAVERSE 1 WITH ULTRAMAFIC BODY



FIGURE 15. GEOCHEMICAL PROFILE TRAVERSE 1



FIGURE 16. PLAN OF SOIL TRAVERSE 2 AT MARY MAC



FIGURE 17. GOLD AND ARSENIC IN SOIL TRAVERSE 2





FIGURE 18. PROFILE OF COPPER AND NICKEL IN TRAVERSE 2

FIGURE 19. PLAN OF TRAVERSE 3, NORTH END



FIGURE 20. TRAVERSE 3, SOUTH PART



FIGURE 21. PROFILE OF GOLD AND ARSENIC, TRAVERSE 3



Rock Samples

A number of rock samples (12) were taken from outcrop or float. The samples are listed below:

Sample 1 is from obviously mineralized material from the mill site. Two other samples are anomalous in gold and others are weakly to moderately anomalous for copper, molybdenum and antimony. While the samplers did not provide detailed sample descriptions, the writer is familiar with the property and suggests that the only sample containing significant antimony and gold is likely selected from remaining mineralized material at the mill.

MARY MAC PROPERTY ROCKS 2012										
sample										
ELEMENT	WtKg	Au	Ag	As	Bi	Cu	Hg	Мо	Sb	Sb
METHOD	WGH79	FAA313	ICP14B	ICP90Q						
DETECTION	0.001	5	2	3	5	0.5	1	1	5	0.01
UNITS	kg	ppb	ppm	%						
1	0.7	2100	4	38	<5	31.2	<1	4	>10000	3.94
2	1.47	35	<2	7	<5	76.3	2	10	20	N.A.
3	2.36	5	<2	<3	<5	61.7	<1	3	165	N.A.
4	1.16	<5	<2	6	<5	53.4	2	12	<5	N.A.
5	1.805	<5	<2	6	6	41.5	<1	3	11	N.A.
6	0.805	<5	<2	<3	<5	13.1	<1	6	<5	N.A.
7	1.23	<5	<2	7	6	35.5	<1	3	<5	N.A.
8	1.02	<5	<2	10	<5	163	<1	4	<5	N.A.
9	0.695	11	<2	4	<5	221	<1	12	<5	N.A.
10	2.035	<5	<2	<3	<5	103	1	<1	22	N.A.
11	2.54	<5	<2	8	<5	39.9	<1	2	<5	N.A.
12	1.875	<5	<2	<3	<5	80.8	<1	4	<5	N.A.

Known rock sample locations are:

ROCK SAMPLES AT MARY MAC PROPERTY								
WAYPOINT	LOCATION/NUMBER	EAST	NORTH	ELEV	COMMENT			
	RS 01 MILLSITE	522017	5634358		SELECTED			
73	RS 05	522568	5635009	1431 m	ROCK			
90	RS 10	521827	5633850	1461 m	ROCK			
103	RS 11	522417	5636254	1400 m	ROCK			
105	RS 12D	522326	5636388	1332 m	ROCK			
8 ROCK SAMPLES HAVE UNSPECIFIED LOCATIONS								

DISCUSSION

While the sampling program in 2012 was limited and suffered from lack of planning and supervision, the samples taken corroborated broader soil grids completed in 1980-87.

The suite of elements As, Sb, Bi, Mo Au suggests an affinity for the "Intrusion related or sediment hosted" gold deposits of the Yukon and Alaska.

TARGETS

Targets for future work programs are:

- 1. The main zone (possibly 3 adit) which would have to be uncovered by excavator trenching
- 2. The South zone, which was drilled in the past from a road network extending uphill from the Truax Creek road
- 3. The North zone which contained a number of interesting gold values.
- 4. A large antimony arsenic gold geochemical zone upslope from the adit on the east side of Truax Creek
- 5. A gossanous area on the peak southeast of the Mary Mac mineralization

CONCLUSIONS

The property is of merit and is worthy of continuing exploration.

RECOMMENDATIONS

Brief recommendations made for further work are set out below

- 1. Relocate the previous drill roads, trenches and drill locations for all three mineralized zones where possible. With the heavy brush, power saws and brush cutters will be necessary.
- 2. If the adits are located, clear them using an excavator,
- 3. Trench across the 3 zones where overburden is thin enough to make this possible
- 4. Twin 1-3 of the better drill holes, using HQ sized core
- 5. Drill additional holes to extend the mineralized zones along strike and to depth

- 6. Investigate the source of the arsenic, gold and molybdenum anomalies to the east of the showing.
- 7. Attempt trenching the anomalies.

SUGGESTED BUDGET

The following budget estimate is presented:

DESCRIPTION	DETAILS	COST ESTIMATE
Geological supervision	1 man x 1 month	\$15.000
Data compilation, maps		\$5,000
Assistants/brush cutting surveying	2 men x 20 days	\$12,000
Excavator, road repairs, trenching	10 days x \$1200	\$12,000
Rock sampling	100 samples x \$75	\$7500
Diamond drilling	2000 meters x \$125/m	\$250,000
Food and accommodation	4 men x 30 days x \$150	\$18,000
2 Vehicles	2 x 30 days x \$125	\$7500
Field equipment, supplies		\$3,000
Reclamation bond		\$10,000
Reports and filing work		\$8,000
Subtotal		\$333,015
Contingency		\$16,985
TOTAL PHASE 1		\$350,000

Dated at Vancouver B.C. this 28th day of January 2013

respectfully submitted

B.J. PRICE GEOLOGICAL CONSULTANTS INC.



Barry J. Price, P.Geo. Qualified Person Church, B.N., Bridge River Mining Camp, Geology and Mineral Deposits: Paper 1995-3, BCMEI

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Price, B.J. M.Sc; (1983) Geological Report on the Olympic-Kelvin Property; AR# 11139

Price, B.J. M.Sc; (2010) Property inspection notes for Victory Ventures Inc.

Friesen, P.S. P.Eng: (1985) Assessment Work Report on the Diamond Drilling Program carried on the Grayrock Mining Property; AR 13992

CERTIFICATE

I, Barry James Price, hereby certify that:

I am an independent Consulting Geologist and Professional Geoscientist residing at 820 East 14th Street, North Vancouver B.C., with my office at Ste. 831 – 470 Granville Street, Vancouver, B.C., V6C 1V5, (Telephone: 682–1501)

I graduated from University of British Columbia, Vancouver B.C., in 1965 with a Bachelor's Degree in Science (B.Sc.) Honours, in the field of Geology, and received a further Degree of Master of Science (M.Sc.) in Economic Geology from the same University in 1972.

I have practiced my profession as a Geologist for the past 45 years since graduation, in the fields of Mining Exploration, Oil and Gas Exploration, and Geological Consulting. I have written a considerable number of Qualifying Reports, Technical Reports and Opinions of Value for junior companies in the past 15 years.

I have worked in Canada, the United States of America, in Mexico, The Republic of the Philippines, Indonesia, Cuba, Ecuador, Panama, Nicaragua, Tajikistan, The People's Republic of China, and the Republic of South Africa, Chile, and Argentina.

My specific experience concerning the subject deposit is related to work done in 2009 for another client which involved a property inspection of the Mary Mac Property I have no previous association with the property.

I am a registered as a Professional Geoscientist (P. Geo.) in the Province of British Columbia (No 19810 – 1992) and I am entitled to use the Seal, which has been affixed to this report. I am responsible for all parts of this report Dated January 28, 2013

I have based this report on a visit to the subject property on June 23, 2009 and a review of all available data concerning the subject property supplied by the property vendors and on other materials obtained from the literature and from web sites. I did not personally supervise the work done by Nubia in 2012 and am not responsible for the costs as stated or estimated.

This report is an Assessment Report and is not intended to comply in every way with Instrument 43–101. For the purposes of this Report I am a Qualified Person.

I have no direct or indirect interest in the property which is the subject of this report I do not hold, directly or indirectly, any shares in Nubia Exploration Ltd. nor in any related companies, nor do I intend to acquire any such shares. I will receive only normal consulting fees for the preparation of this report.

I am not aware of any material fact or material change with respect to the subject matter of the technical report which is not reflected in the technical report, the omission of which would make the technical report misleading.

Dated at Vancouver B.C. this 28th day of January 2013

respectfully submitted Barry James Price,M.Sc., P.Geo.

B.J. PRICE GEOLOGICAL CONSULTANTS INC.



ITEMIZED COST STATEMENT

Receipts available on request

	ITEMIZED COST STATEMENT						
Mary Mac Property							
	Nubia Exploration Ltd.						
	Work Done July 24-31, 2012						
DESCRIPTION	AM	OUNT CAN\$					
Wages and Travel	2 men x 7 days @\$250/day	\$	3,500.00				
Food Lodging							
Transportation	Motel, 2 rooms x 7 nights x \$83.40	\$	1,167.00				
	Meals 2 men x 7 days x \$50 est	\$	700.00				
	Transportation 2 2 x 4 trucks x \$75	\$	1,050.00				
	Quad ATV rental 7 days x \$100	\$	700.00				
	Motocross bike 7 days x \$100	\$	700.00				
Equipment and Supplies	Chainsaws, GPS etc 7 days x\$100	\$	700.00				
	Field Supplies, sample bags, flagging etc	\$	300.00				
Assays	Soil samples 48 samples est \$40/ea	\$	1,920.00				
(Estimated)	Rock samples 12 x \$60	\$	720.00				
Professional Fees	Geological Assessment report						
	B.Price 5 days x \$1000	\$	5,000.00				
	Computer, map work etc.	\$	200.00				
TOTAL COSTS		\$	16,657.00				
As stated in Work Event	As stated in Work Event	\$	13,493.36				
PAC withdrawal	as stated in Event	\$	3,060.00				
Filed amount as per Event	EVENT 5398971	\$	16,553.36				
Prepared by B. Hemingway fo							

PHOTOGRAPHS

- 1. Volcanic ash on access road to Mary Mac
- 2. Gossanous Mt. Williams





B.J. PRICE GEOLOGICAL CONSULTANTS INC.VANCOUVER B.C 604-682-1501

- 3. Truax Creek valley looking south. Main zone near Creek
- 4. Looking southeast to old logging road network and slide area



- 5. Serviceable cabin on Mary Mac claims
- 6. Typical high grade antimony gold mineralization from the millsite.





APPENDIX 1 Client Detail

Client ID	253648
Client Name	NUBIA EXPLORATION LTD.
Incorporation Number	BC0721753
Address	PO BOX 86699
City	NORTH VANCOUVER
Province	BC
Country	CANADA
Postal Code	V7L 4L2
FMC Certificate Number	110214530
FMC Issue Date	2012/OCT/18
FMC From Date	2012/OCT/18
FMC Expiry Date	2013/OCT/17
FMC Status	ACTIVE
Owned Tenures Located Tenures	8 8

APPENDIX 2 - MINFILE No 092JNE096

(Note that the location in Minfile for the South Zone is in error)

True location should be NAD 83, UTM 10U, Easting 521604/Northing 5633515

Name MARY MAC (SOUTH ZONE), SOUTH Mining Division Lillooet

BCGS Map 092J087

Status Developed Prospect NTS Map 092J15E

Latitude 50º 51' 50" N UTM 10 (NAD 83)

(Note that the location provided in Minfile is incorrect and is much farther south adjacent to the bridge over Truax Creek)

Longitude 122º 41' 25" W Northing 5634735 Easting 521797

Commodities Gold, Antimony, Molybdenum, Copper Deposit Types 109 : Stibnite veins and disseminations

L05 : Porphyry Mo (Low F- type)

Tectonic Belt Intermontane Terrane Bridge River

Capsule Geology The Mary Mac - South zone showing is hosted in brecciated Mississippian to Jurassic Bridge River Complex (Group) metavolcanics of andesitic to basaltic composition. The breccia is cemented by quartz and contains "globular" stibnite and pyrite. The mineralized breccia zone strikes east and dips 70 degrees north; the mineralization is strong in widths of 1 to 6 metres. Above the brecciated metavolcanics are meta-argillites/hornfels, thought to belong to the Bridge River Complex, which are completely impregnated with disseminated pyrite (5 to 8 per cent). This strong zone of pyritization forms a "halo" in the sediments around the base of Mount Williams.

The north and main zones of the Mary Mac property, approximately 0.8 kilometres to the north contain distinctly different mineralization from the south zone (see 092JNE067). The mineralization occurred in two stages; early molybdenum-quartz veining in horn- blende-feldspar porphyry dykes was crosscut by gold-bearing quartz- carbonate-stibnite veins found in both the porphyry dykes and the intruded Bridge River meta-cherts. Copper values are also obtained.

Workings on the South zone consist of surface trenching and three drill holes. Ore reserves calculated in 1983 consist of 27,300 tonnes grading 8.18 grams per tonne gold, over an average width of 2.4 metres (cut-off grade is 3.11 grams per tonne) (Assessment Report 11647). The calculation is based on a 140 metre strike length and 60 metre vertical depth.

Bibliography EMPR AR 1932-A216

EMPR ASS RPT *8697, *11647, 15777, 16378

EMPR EXPL 1977-E171, 1987-C210

EMPR FIELDWORK 1974, p. 35; 1985, pp. 303-310; 1986, pp. 23-29; 1987, pp. 93-130; 1988, pp. 105-152; 1989, pp. 45-72; 1990, pp. 75-83

EMPR OF 1987-11; 1988-3; 1989-4; 1990-10

EMPR PF (Map 92J, 1986)

GSC MAP 13-1973

GSC MEM 130; 213

APPENDIX 3 - MINFILE No 092JNE067

Name MARY MAC (MAIN), MARY MAC (NORTH), BEN DOR, MAIN, NORTH Mining Division Lillooet

BCGS Map 092J087

Status Past Producer NTS Map 092J15E

Latitude 50º 51' 30" N UTM 10 (NAD 83)

Longitude 122º 41' 20" W Northing 5634117 Easting 521897

Commodities Gold, Antimony, Molybdenum, Silver, Copper Deposit Types 109 : Stibnite veins and disseminations

L05 : Porphyry Mo (Low F- type)

Tectonic Belt Intermontane Terrane Bridge River

Capsule Geology The country rocks are Mississippian to Jurassic Bridge River Group metasediments and volcanics. Fine-grained chloritic meta-andesite and fragmented basalts and flows are intercalated with argillite, chert, phyllite and minor limestone. This package, represented mainly by bedded cherts on the property, is cut by hornblende- feldspar porphyry dykes probably related to the Tertiary to Cretaceous Bendor pluton.

There are two distinct types of occurrences, earlier molybdenum mineralization followed by later stibnite-gold mineralization. The molybdenum is concentrated as selvages along the margins of quartz-stringers forming a reticulate pattern in the hornblende feldspar porphyry. The mineralization extends into the country rock where molybdenum is fine grained and appears as a purplish-grey sheen.

The gold-bearing quartz-carbonate-stibnite veins transect all the rock types; they are well defined in the faulted metavolcanics and become more diffuse as they crosscut the porphyry stockwork. The veins range from 0.5 to 2 metres in width, dipping 40 to 70 degrees north along the general west-northwest trend which the dykes, fractures and shears all follow. Mineralization consists of massive coarsely crystalline stibnite with associated gold, arsenopyrite, pyrrhotite, chalcopyrite, limonite and traces of tetrahedrite and/or jamesonite(?). High but spotty values of silver are reported. Chloritic alteration is widespread with local sericite and abundant pyrite.

Assay values quoted for the main zone run 10.3 grams per tonne gold over 0.75 metres and 3.4 grams per tonne gold over 5 to 6 metres. The Main zone is about 100 metres wide. Assays in the North zone run 1.7 to 3.4 grams per tonne gold over 4 to 5 metres in quartz-stibnite veins; this was the source of ore used in an antimony mill which operated in 1974 producing about 4 tonnes of rough stibnite

concentrate per day. The grade of stibnite was reported at 20 per cent over 2.1 metres reserves being 13.6 to 18.1 thousand tonnes (1974 Application for Production Permit).

Other workings on the property include several adits, and 8 diamond-drill holes put down in 1983 by Andaurex Res. Ltd. Indicated reserves for the Main zone in 1983 were reported to be 22,300 tonnes grading 7.4338 grams per tonne gold or 78,500 tonnes of ore grading 2.8927 grams per tonne (Assessment Report 11647). Indicated reserves for the North zone in 1983 were reported to be 10,800 tonnes grading 5.256 grams per tonne gold or 39,200 tonnes grading 2.3328 grams per tonne gold (Assessment Report 11647).

Bibliography

EMPR AR 1932-A216 EMPR ASS RPT *8697, *11647, 15777, 16378 EMPR EXPL 1977-E171; 1987-C210 EMPR FIELDWORK 1974, p. 35; 1985, pp. 303-310; 1986, pp. 23-29; 1987, pp. 93-130; 1988, pp. 105-152; 1989, pp. 45-72; 1990, pp. 75-83 EMPR GEOLOGY 1975-G58 EMPR OF 1987-11; 1988-3; 1989-4; 1990-10 EMPR PF (Application for Production Permit Received 1974 - Lillooet Mining Recorder; *1986 - 92J Map; Property description by B.N. Church and M.E. MacLean) GSC MAP 13-1973 GSC MEM 130; 213 GSC OF 482 GSC P 43-15; 73-17 CJES 1987, Vol. 24, pp. 2279-2291 N MINER Dec 2, 1982 GSC OF 482 GSC P 43-15; 73-17 CJES 1987, Vol. 24, pp. 2279-2291

APPENDIX 5 – WAYPOINT DATA

	MARY MAC PROPERTY								
	Traverses and Waypoints July 2012								
	1	Transcribed from Garmin by B.Price, P.Geo.							
WAYPOINT	TRAVERSE	NOTES	EASTING	NORTHING	ELEV.	TYPE			
			meters	meters	meters				
045 MM MILLSITE		MARY MAC MILL	521996	5634388	1391 m	WP			
53		MM TRENCH 1	522159	5634397	1368 m	WP			
54		BRIDGE TRUAX CREEK	522083	5634310	1368 m	WP			
55		LOW ROAD	522112	5634412	1363 m	WP			
	TRAVERSE 1	MM SS01 NOT NUMBERED MISSING							
56	TRAVERSE 1	MM SS02 MISSING	522124	5634370	1369 m	SOIL			
57	TRAVERSE 1	MMSS03 MISSING	522133	5634377	1349 m	SOIL			
58	TRAVERSE 1	MMSS04 MISSING	522124	5634389	1356 m	SOIL			
59	TRAVERSE 1	MMSS05 MISSING	522150	5634385	1365 m	SOIL			
60	TRAVERSE 1	MMSS06 MISSING	522169	5634408	1370 m	SOIL			
61	TRAVERSE 1	MMSS07 MISSING	522186	5634417	1375 m	SOIL			
62	TRAVERSE 1	MMSS08 MISSING	522213	5634450	1378 m	SOIL			
63	TRAVERSE 1	MMSS09 MISSING	522248	5634481	1379 m	SOIL			
64	TRAVERSE 1	MMSS10 MISSING	522280	5634499	1383 m	SOIL			
65	TRAVERSE 1	MMSS11 MISSING	522326	5634552	1389 m	SOIL			
66	TRAVERSE 1	MMSS12	522381	5634623	1393 m	SOIL			
67	TRAVERSE 1	MMSS13	522439	5634728	1404 m	SOIL			
69	TRAVERSE 1	MMSS14	522463	5634814	1407 m	SOIL			
70	TRAVERSE 1	MMSS15	522493	5634869	1411 m	SOIL			
71	TRAVERSE 1	MMSS16	522540	5634934	1419 m	SOIL			
72	TRAVERSE 1	MMSS17	522557	5634985	1426 m	SOIL			
73	TRAVERSE 1	MMSS18	522568	5635009	1431 m	SOIL			
74	TRAVERSE 1	MMSS19	522580	5635035	1437 m	SOIL			

75	TRAVERSE 2	MMSS20	522187	5634365	1393 m	SOIL
76	TRAVERSE 2	MMSS21	522167	5634301	1402 m	SOIL
77	TRAVERSE 2	MMSS22	522142	5634262	1408 m	SOIL
78	TRAVERSE 2	MMSS23	522114	5634210	1413 m	SOIL
79	TRAVERSE 2	MMSS24	522089	5634176	1416 m	SOIL
80	TRAVERSE 2	MMSS25	522052	5634133	1422 m	SOIL
81	TRAVERSE 2	MMSS26	522030	5634080	1429 m	SOIL
82	TRAVERSE 2	MMSS27	522013	5634020	1435 m	SOIL
83	TRAVERSE 2	MMSS28	521998	5633967	1439 m	SOIL
84	TRAVERSE 2	MMSS29	521989	5633921	1443 m	SOIL
85	TRAVERSE 2	MMSS30	521984	5633854	1449 m	SOIL
86	TRAVERSE 2	MMSS31	521958	5633770	1456 m	SOIL
87	TRAVERSE 2	MMSS32	521923	5633686	1459 m	SOIL
88	TRAVERSE 2	MMSS33	521871	5633618	1464 m	SOIL
89	TRAVERSE 3	MMSS34	521806	5633656	1453 m	SOIL
90	TRAVERSE 3	MMSS35	521827	5633850	1461 m	SOIL
91	TRAVERSE 3	MMSS36	521831	5634031	1456 m	SOIL
92	TRAVERSE 3	MMSS37	521792	5634194	1457 m	SOIL
93	TRAVERSE 3	MMSS38	521786	5634353	1455 m	SOIL
94	TRAVERSE 3	MMSS39	521829	5634520	1454 m	SOIL
95	TRAVERSE 3	MMSS40	521893	5634790	1464 m	SOIL
96	TRAVERSE 3	MMSS41	521959	5634977	1449 m	SOIL
97	TRAVERSE 3	MMSS42	522043	5635281	1434 m	SOIL
98	TRAVERSE 3	MMSS43	522104	5635454	1429 m	SOIL
99	TRAVERSE 3	MMSS44	522250	5635694	1418 m	SOIL
100	TRAVERSE 3	MMSS45	522401	5635867	1415 m	SOIL

101	TRAVERSE 3	MMRR46	522461	5636105	1405 m	SOIL				
102	TRAVERSE 3	MMSS47	522415	5636249	1400 m	SOIL				
103	TRAVERSE 3	MMSS48	522417	5636254	1400 m	SOIL				
104	TRAVERSE 3	MMSS49	522414	5636444	1348 m	SOIL				
105	TRAVERSE 3	MMSS50	522326	5636388	1332 m	SOIL				
106	TRAVERSE 3	MMSS51	522118	5636405	1300 m	SOIL				
107	TRAVERSE 3	MMSS52	522313	5636548	1269 m	SOIL				
108	TRAVERSE 3	MMSS53	522331	5636663	1225 m	SOIL				
109	TRAVERSE 3	MMSS54	522032	5636687	1186 m	SOIL				
110	TRAVERSE 3	MMSS55	521878	5636660	1186 m	SOIL				
111	TRAVERSE 3	MMSS56	522179	5636743	1147 m	SOIL				
112	TRAVERSE 3	MMSS57	522065	5636818	1121 m	SOIL				
113	TRAVERSE 3	MMSS58	521834	5636841	1092 m	SOIL				
114	TRAVERSE 3	MMSS59	522080	5636917	1066 m	SOIL				
115	TRAVERSE 3	MMSS60	522079	5637076	987 m	SOIL				
		ROCK SAMPLES AT	MARY MAC PR	OPERTY		-				
	WAYPOINT	LOCATION/NUMBER	EAST	NORTH	ELEV	COMMENT				
		RS 01 MILLSITE	522017	5634358		SELECTED				
	73	RS 05	522568	5635009	1431 m	ROCK				
	90	RS 10	521827	5633850	1461 m	ROCK				
	103	RS 11	522417	5636254	1400 m	ROCK				
	105	RS 12D	522326	5636388	1332 m	ROCK				
		8 ROCK SAMPLES HAVE UNSPECIFIED LOCATIONS								

LOCATION OF MINES/SHOWINGS NEAR GOLDBRIDGE								
BILL MINER		520555	5637386	NA	SHOWING			
BRALORNE		512632	5624910	NA	SHOWING			
CONGRESS		515277	5638048	NA	SHOWING			
GREY ROCK		521238	5627872	NA	SHOWING			
IJ		518299	5634227	NA	SHOWING			
MARY MAC		521897	5634117	NA	SHOWING			

MM SOUTH ZONE	521604	5633515	NA	SHOWING
MINTO	517483	5638580	NA	SHOWING
NORMA	514566	5633937	NA	SHOWING
OLYMPIC	519145	5638122	NA	SHOWING
PACIFIC EASTERN	517400	5622298	NA	SHOWING
PIONEER	515477	5623283	NA	SHOWING
RANGER	517839	5631538	NA	SHOWING
RELIANCE	515906	5636814	NA	SHOWING
TRUAX	521039	5628770	NA	SHOWING
WAYSIDE	512019	5636155	NA	SHOWING

APPENDIX 4 PROSPECTING NOTES (PDF Version Only)

APPENDIX 6. ELEMEN T MAPS, (Au, As, Sb) and ASSAY SHEETS (PDF Version Only)

files pay One ! left Van at \$15 after time up . droke up to lillovet via the duty lake rd to the Valkom Vally to corputer Lake down to end of lake to goldbridge UP to Breaking - chided Mse +f Into Hote up to set up camp for

wedup to goldbridge down south side of 1 atte to the truaxe cree tonstry service Rd Climebed straight up to a beautitul alpine Valley almost runs pertectly found old mill or atteas Hulat so - pressed on up the Vally I found for east

side of truaxe creek one by south & main but back to mill on west side of creak but getting late find old road to will walked out will investigate to morrar.



Hums Day 3 up to mill site scowed all around property to Find old carbins & tool shack told Hydrade schute otop a bunch of old cribbing took photos of area. trivel to get down to creak - 50' dop to seek - sont find any bridge or sigh of any old crittery or over

a road down to creek also looked over on North part of mill property Nothing-<6 south of mill along creek for a killometer - so thick its almost impossable No Crossing found - will go East side rd In morning



Day 4 Fri up to trucke valley + went to bridge crossing & took Bikes down to bottom of acsess road - very over grown: got to bottom & walked down to river - it you fell in you would never be seen again. walked a half K _south up creek along the waters edge or at least
as close as you could get I could not see any crossing or rouds - reverted to 2006 map to see how accurate it was & came to the conclusion it probably is a story & not true - spent must of the day bush whack - ing but found no sign of anywhere flat erough to even drive a machine

or go inderground or trench For that matter. souking wet - back to use computer at pub - went on -gogle maps to get topo view of property - found some flat ground north of mill that looks promising - will go there to morrow in A.M. + yo area - will probably start soil sampling after that.



Day 5 sat upto the vally to the East side at reek went down into reveen to reek t started treking south Finally found the bridge! over true axe creek - Mapis a joke took soil sample from East side & a few rock samples -found antimony in a quartz Vein behing

Bridge - sturted treking porth to find adit but what appears to be a road was finally consumed by the river & unpassable will go even more north tomorrow & try to find adit.



Swr. Par 6 got a lead from an old miner from breatorne mines ta phose # of a Tom Illage called him I he' the guy who did the blasting for the antimony adit for willians he says its about 2-300 meters North of bridge so up we went again to

find the portal but again to no avail. so we did more sampling in the vacinity rock t soil-bugs are so bad you almost have to breath through your teeth! to morrow will go 500 metors down stream I walk up creek/river now that we have a good Ida

Where it is. To m said He adit is right on the river & to his knowlage its still there. But he hasn't been there in 30 years. tomorrow is a new day.



Day 7 Mon. raining hard - out to _ soit sample East side of truaxe creek. 193 wanting to look for adit but creek is pounding with white water + too dangerous cause we would be in a caryon this time cause . creek has taken over.

road & its uppassable -+ its so socked in with Fig in the Vally your luck y to see 100 feet in front of you, besides if you fell in that creek you would perer be seen again. soiled along trenches tout on cut block than up valley to the bridge at the south

end of the property found some quartz out croppings took rock samples aswell. On G.P.S. SS means soil sample - MM mean mary mac & R.S man rock sample:



Day & this Sampled west sid 10 Vally to end of property from longe crossin truake Vally at south end of property to the North end of the proper -erty went way off road on and to last switch lack to get soil sample of Great looking avalanche

shute to get sample Very heavy in Iron. Back to camp & set down t Drove to lillooet 3 hrs stayed in lillovet drove to Van 2 days later another 5 hrs - 7 hours in total





Certificate of Analysis

Work Order: VC123021

Date: Nov 14 2012

To: Chris Anderson COD SGS ASSAYERS P O. Box 86699 North Vanvouver ВC

P.O. No.	-	Nuba Exploration
Project No	-	-
No. Of Samples		12
Date Submitted		Oct 19, 2012
Report Comprises		Pages 1 to 5
		(Inclusive of Cover Sheet)

Certified By Satpaul Gill QAQC Chemist

SGS Minerals Services Geochemistry Vancouver conforms to the requirements of ISO/IEC 17025 for specific tests as listed on their scope of accreditation which can be found at http://www.scc.ca/en/search/palcan/sgs

Report Footer

LNR	= Listed not received
па	= Not applicable

= Insufficient Sample 15 ≂ No result

1NF = Composition of this sample makes detection impossible by this method M after a result denotes ppb to ppm conversion. % denotes ppm to % conversion

Methods marked with an asterisk (e.g. 'NAA08V) were subcontracted Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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Element	WiKg	Au	Ag	AI	As	Be	Ca	Ba	9;	C 4
Method	WGH79	FAA313	ICP14B	ICP14B	ICP14B	ICP14B	ICP14B	ICP148	ICP149	1CO140
Det.Lím.	0.001	5	2	0.01	3	0.5	0.01	5	5	1
Units	kg	ppb	ppm	%	ppm	ppm	26	bom	maa	nom
01	0.700	2100	4	0.31	38	<0.5	7.59	354	<5	<1
02	1 470	35	<2	0.65	7	<0.5	0.39	659	<5	21
03	2.360	5	<2	0 74	<3	<0.5	0.81	342		c1
04	1 160	<5	<2	1 06	6	<0.5	0.05	131	~5	~1
05	1.805	<5	<2	1 47	6	<0.5	0.63	617		~ 1
06	0.805	<5	<2	0.89	<3	<0.5	0.00	24	0 ~5	<1
07	1 230	<5	<2	0.98	-3	<0 K	0.00	24	<.>	<1
08	1 020	<5	<2	2 76	, 10	<0.5	0 67	QU 1	5	<1
09	0.695	- 11	- 22	2.10	10	~0.0	0.07	438	<5	<1
10	7.025		~2	2 37	4	<0.0	1 37	274	<5	<1
1.	2 035	<5	<2	271	<3	<0.5	3 09	16	<5	< 1
11	2 540	<5	<2	2 20	8	<0.5	049	96	<5	<1
12	1 875	<5	<2	0.64	<3	<05	4 72	13	<5	<1

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Page 2 of 5



Element Method	Co ICP14B	Cr ICP14B	Cu ICP14B	Fe ICP14B	Hg ICP14B	K ICP14B	La ICP14B	Li ICP14B	Mg ICP14B	Mn ICP14B
Det.Lim.	1	1	05	0.01	1	0 01	05	1	0.01	2
Units	ppm	ppm	ppm	-75	ppm	1/2	ppm	ppm	%	ppm
0 t	3	22	31.2	166	< 1	0.06	49	2	178	1000
02	8	27	76.3	1 84	2	0 37	97	4	0.46	164
03	7	29	617	1 57	<1	0 24	79	7	0.60	141
04	5	43	53 4	2.61	2	0 29	11.3	7	0.60	557
05	8	47	415	2 41	<1	0 42	84	7	0 96	553
06	6	55	13 1	196	<1	0.16	39	7	0.99	407
07	8	49	35.5	1.86	<1	0.23	5.3	7	0.89	385
08	20	150	163	4 30	<1	1 36	10,0	16	2 39	293
09	20	150	221	4 31	<1	1 35	10 1	14	1.97	180
10	23	43	103	6 13	1	0.10	10.8	6	1.05	939
11	8	42	39.9	3.32	<1	0.59	127	6	1.03	596
12	5	33	80 8	2 05	<1	0 02	17.6	3	0.37	2750

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Page 3 of 5



Element	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sn	Sr
Method	(CP14B	ICP14B								
Det.Lim.	1	0.01	1	0.01	2	0.01	5	0.5	10	0.5
Units	ppm	%	ppm	%	ρpm	%	ppm	ppm	ppm	ppm
01	4	0.01	<1	0.01	9	1.96	>10000	1.9	<10	233
02	10	0.04	26	0.02	<2	0.75	20	4.3	<10	33.1
03	3	0.04	27	0.02	3	0.69	165	2.8	<10	26.9
04	12	0 02	59	0.02	6	< 0.01	<5	3.0	<10	56
05	3	0.04	43	0.02	4	0.04	11	7 1	<10	24.0
06	6	0.01	86	<0.01	4	<0.01	<5	2.3	<10	19.0
07	З	0.02	51	0.01	<2	0.01	<5	3.0	<10	20.2
08	4	0.20	141	0.06	<2	1.68	<5	16.5	<10	23.4
09	12	0.16	110	0.08	<2	2.60	<5	12.0	<10	274
10	< 1	0.32	45	0.12	9	1 89	22	110	<10	54 0
\$1	2	0.07	29	0.04	10	< 0.01	<5	11.6	<10	10.4
12	4	0.01	17	0 02	11	0.01	< 5	19	<10	85.8

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Page 4 of 5



Element	Ti	V	W	Y	Zn	Zr	Sb
Method	ICP14B	ICP14B	ICP14B	ICP14B	ICP14B	ICP14B	ICP90Q
DetLim.	0.01	1	10	0.5	1	0.5	0 0 1
Units	95	ppm	ppm	ppm	ppm	ppm	%
01	<0.01	22	<10	5.8	17	14	3 94
02	0 02	27	<10	33	10	15	N.A.
03	<0.01	27	<10	37	9	2.0	NA.
04	<0.01	28	<10	33	39	2.1	N.A.
05	0 15	37	<10	9.9	53	10.3	NA.
06	0.06	12	<10	2.9	17	4 1	NA.
07	0.09	18	<10	3.9	33	5.0	NA.
80	0.23	127	<10	10.6	21	4.0	N.A.
09	018	187	<10	14.3	15	8.4	NA.
10	0 91	177	<10	31.2	52	50.3	NA
11	0.26	90	<10	16.5	93	29.1	N A
12	0.01	75	<10	10.5	27	13	N A

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Page 5 of 5



Certificate of Analysis

Work Order: VC123022

Date: Jan 11, 2013

To: Chris Anderson COD SGS ASSAYERS P O Box 86699 North Vancouver BC BC V7L 4L2

> P.O. No : Nubia Exploration Project No. No. Of Samples 62 Date Submitted Oct 19, 2012 Report Comprises Pages 1 to 9 (Inclusive of Cover Sheet)

Certified By :: Satpaul Gill QAQC Chemist

SGS Minerals Services Geochemistry Vancouver conforms to the requirements of ISO/IEC 17025 for specific tests as listed on their scope of accreditation which can be found at http://www.scc.ca/en/search/palcan/sgs

Report Footer

L N R = = Listed not received = Not applicable

n a

15. = Insufficient Sample = No result

*INE = Composition of this sample makes detection impossible by this method M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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Element	₩tKg	Au	Ag	Ai	As	Be	Са	Ba	BI	Cd
Method	WGH79	FAA313	ICP14B	ICP14B	1CP14B	ICP14B	ICP148	ICP14B	ICP14B	ICP14B
Det.Lim.	0 001 ka	onb	∠ 0000	0.01	a nnm	nom	0.01	c maa	c maa	ו
Unites Di		IN R	INP	INP		LND	LNP	LNR	IN P	INR
67									L N.R.	
02	LNR		LND	LNR	LNR	LNR	LND	LND	END	LNR
03	LNR	LINK	END	LND	LND		1 N P	LNR	LNR	
05		LNR	INP	LNP		LNR	LNR	LNR	LNR	LNR
05							LNR	LNR		
07		LND		LND		LAR	LAR	LNP	LNP	
05	LNR			LNR		LNR	LNR	LNR		LNR
09	LNR	LNR	INR	LNR	LNR	LNR	LNR	INR		INR
10	LNR	INR	INR	INR	LNR	LNR	LNR	LNR	LNR	LNR
11	1 N R	LNR	LNR	LNR	LNR	1 N R	1 N R	INR	ENR	LNR
12	0.385	20	<2	2.46	57	< 0.5	0.40		<5	<1
13	0.475		<2	0.92	17	<0.5	0 10	29	<5	<1
14	0.480	8	<2	0.84	9	< 0.5	0.07	42	< 5	<1
15	0 445	7	<2	1.55	20	<0.5	7.00	174	<5	<1
16	D 390	32	<2	2 44	29	<05	0.51	269	<5	< 1
17	0 545	25	<2	3.55	38	<0.5	0 88	244	10	<1
18	0.440	8	<2	5.44	16	<0.5	1 14	606	17	<1
19	0 420	11	<2	5 17	21	<0.5	1 14	544	12	<1
20	0.305	50	<2	2 45	70	<0.5	0.46	210	<5	<1
21	0 295	69	<2	2.72	67	<0.5	0 32	240	10	<1
22	0 320	46	<2	2 90	82	<0.5	075	331	<5	<1
23	0 245	26	<2	2.84	84	<0.5	0.28	225	7	<1
24	0.325	55	<2	2.62	116	<0.5	0 30	154	<5	<1
25	0.265	126	<2	3 35	191	<0 5	0 25	223	<5	<1
26	0.350	79	<2	3.01	213	<0.5	0.56	230	<5	<1
27	0.350	37	<2	3 56	104	<0.5	0.60	210	<5	<1
28	0 305	82	<2	2 40	154	<0.5	0.46	174	<5	<1
29	0.370	102	<2	4 16	202	<0.5	0.68	253	<5	<1
30	0 240	31	<2	3 18	85	<05	038	173	<5	<1
31	0 430	13	<2	3.06	53	<0.5	045	140	<5	<1
32	0.240	30	<2	2.84	159	<0.5	0.91	159	8	<1
33	0 375	44	<2	3 89	207	<05	1 08	174	10	<1
34	0 480	58	<2	3.31	347	<0.5	1.00	254	<5	<1
35	0.280	10	<2	1 70	60	<0 5	0 58	109	8	<1
36	0 380	36	<2	3 12	136	<0.5	0.92	225	9	<1
37	0.315	60	<2	3.02	113	<0.5	079	249	<5	<1
38	0 310	30	<2	2.59	71	<0 5	1.02	279	<5	<1
39	0 465	45	<2	2.53	118	<0.5	0.91	267	<5	<1
40	0.350	27	<2	2 73	94	<0.5	0 86	251	5	<1
41	0.370	92	<2	2.38	147	<0.5	0.64	250	<5	<1
42	0.265	34	<2	1.60	57	<0.5	0 55	172	<5	*1
43	0 360	21	<2	2 76	46	<0.5	062	199	<5	<1

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Page 2 of 9



Element Method	WiKg WGH79	Au FAA313	Ag ICP14B	Al ICP14B	As ICP14B	Be ICP14B	Ca ICP14B	Ba ICP14B	Bi ICP14B	Cd ICP14B
Det.Lim.	0.001	5	2	0.01	3	0.5	0.01	5	5	1
Units	kg	ppb	ppm	%	ppni	ppm	'Va	ppm	mqq	ppm
44	0.310	17	<2	3.03	29	<0.5	0.78	192	6	<1
45	0.430	9	<2	3 67	19	<0 5	141	185	17	<1
46	0.340	10	<2	2.30	15	<05	0 90	162	10	<1
47	0.340	В	<2	5.67	9	<0.5	0.93	44	<5	<1
48	0.375	10	<2	3,13	17	<0 5	0.61	296	11	< 3
49	0.305	21	<2	2.80	14	<0.5	0.64	156	<5	<1
50	0 445	36	<2	0 62	7	<0.5	0.06	61	<5	< 1
51	0.350	16	<2	3.00	28	<0.5	1 27	160	12	<1
52	0 400	11	<2	5.29	12	<0.5	1 18	182	<5	<1
53	0 480	17	<2	2 75	33	<0.5	0 70	220	<5	<1
54	0.570	17	<2	3.62	25	<0.5	1.48	127	<5	<1
55	0 540	147	<2	5 05	5	<0.5	3.40	30	15	<1
56	0 515	8	<2	2 58	23	<0.5	0.86	95	10	<1
57	0 575	17	<2	2.77	47	<0.5	1 79	128	7	<1
58	0 445	14	<2	4 28	23	<0.5	1 40	100	9	<1
59	0 380	8	<2	516	10	<0.5	0.67	96	6	< 1
60	0 285	13	<2	3 27	25	<0.5	1 90	84	6	<1
61	LNR.	L N.R	L.N.R	Ļ N.R	L N.R	LNR	LNR	L N R	LNR	L N.R
62	LN.R.	EN.R.	L N.R.	LN.R.	LN.R.	LN.R.	L N.R	LNR	L N R	L N.R

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Page 3 of 9



Element Method	Co ICP14B	Cr ICP14B	Cu ICP14B	Fe ICP14B	Hg ICP14B	K ICP14B	La ICP14B	Li ICP148	Mg ICP14B	Mn ICP14B
Det.Lim.	1	1	0.5	0.01	1	0.01	0.5	1	0.01	2
Units	ppm	ppm	ppm	1%	ppm	%	ppm	ppm	%	ppm
01	UNR.	LNR.	L.N.R.	1.N.R.	LN.R.	L.N.R.	L.N.R.	L N.R.	L.N.R.	LN.R.
02	LNR	LNR.	LN.R.	LNR.	L N.R	LN.R.	LNR.	LNR	LNR	L N.R
03	LNR.	L N R	L N R	LNR	LNR.	L N.R	L N.R	LNR	LNR.	LNR.
04	L.N.R.	LNR	LNR	LNR	LNR	L N.R	LN.R.	L N.R	L N.R	L N.R
05	L N.R.	L N.R	LNR.	L N.R.	L N.R	L.N.R.	LN,R.	ĻΝR.	LNR	LN.R.
06	LNR	LNR	LNR	LNR.	L N.R	LNR.	LNR	LNR	LNR	L N.R
07	L.N.R.	L.N.R	L N.R	L N.R	L.N.R.	L.N.R	L.N.R	LNR	LNR	L N.R
08	L N.R	L N.R	LN.R.	LN.R.	ŁN.R.	LN.R.	L.N.R.	LNR	LNR.	L N.R
09	LNR.	L N R	L N.R	LN.R.	LNR.	LNR	LNR	LNR	LNR.	L.N.R.
10	LNR.	L.N.R	L N.R.	LN.R.	LN.R.	LNR.	LNR	LNR	LNR	LNR
11	LNR	E.N.R.	L.N.R	L.N.R.	L.N.R.	L.N.R.	L N.R.	1.N R.	LNR	L.N.R.
12	38	233	68 3	4 66	<1	0 24	12.3	20	2.85	658
13	117	585	96.5	5.86	<1	0.06	3.6	7	>15.0	919
14	148	623	84 4	7 36	<1	0.04	43	5	>15.0	993
15	151	244	47 5	7 60	<1	0.18	61	11	†1 0	1070
16	29	127	108	5.42	1	0.24	18 7	23	2.08	1190
17	35	348	128	5 88	<1	0 23	29 6	36	4 80	1080
18	59	739	115	7 17	<1	0.16	34 2	66	681	1690
19	50	567	136	7 13	<1	0.17	44.0	67	6.40	1570
20	33	133	196	4 93	<1	040	12 0	24	1 83	689
21	30	124	283	5.66	<1	0.40	10.7	23	173	511
22	91	245	2090	6.34	<1	0.65	214	29	277	715
23	26	128	165	4 27	<1	0 24	10.3	23	1 65	559
24	22	109	149	4.12	<1	0 18	12.2	21	1 48	509
25	24	132	137	5 50	< }	0.19	13.6	25	1 74	50B
26	28	150	152	5.34	<1	0.36	173	21	2 14	756
27	34	169	147	5 22	2	0 22	15.4	24	2 17	643
28	25	54	68.9	5.49	<1	0.13	9.4	12	0.70	1250
29	35	100	237	117	<1	0 76	11.2	18	1 80	633
30	26	84	99.7	5.50	1	0.27	12.6	16	1 29	654
31	25	49	95 1	6 97	<1	0.28	12.5	11	1.16	1050
32	37	98	126	679	<1	0.48	14 7	16	189	1980
33	50	144	141	8.22	<1	0.69	17.5	21	2 77	2280
34	29	168	106	5 34	<1	0 46	18 2	40	2 39	1270
35	15	52	47 0	2 66	<1	0.10	9.4	19	Ø.70	403
36	30	118	115	5 63	<1	0 30	17.9	31	2.01	1230
37	25	120	85 6	4,50	1	0.31	17 1	30	174	872
38	24	122	86.6	4 13	<1	0.32	16.6	26	1 58	989
39	29	126	103	4.75	<1	0.35	16 4	23	1 78	1310
40	26	169	90.3	4 37	<1	0.34	14 8	24	199	852
41	51	307	95.2	6 70	<1	0 22	18.2	21	3 42	1650
42	18	132	38.0	3.13	<1	0 16	10 3	15	1 27	588
43	21	169	69.0	4.32	2	0.28	15.2	19	188	668

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Page 4 of 9



Element	Co	Cr	Cu	Fe	Hg	K	La ICR148	Li ICRIAR	Mg ICP14B	Mn ICR14B
Method Dat Lim	1	101140	0.5	0.01	101110	0.01	0.5	1	0 01	2
Units	ppm	ppm	ppm	%	ppm	η.	ppm	ppm	76	ppm
44	23	173	76.7	4.93	1	0.32	16.3	20	2.11	859
45	29	131	75.5	6.28	<1	0 15	14 6	19	2 32	1190
46	21	124	43.1	3.93	<1	0.12	12.9	15	1 59	818
47	79	1260	79 8	640	2	0.05	22.0	80	10.0	1510
48	34	319	73.9	4.23	1	0.14	20.1	30	2 80	847
49	47	260	78 4	4.83	<1	0.16	14 9	23	3 68	1130
50	153	739	47.2	4 44	<1	0.01	7 0	29	>15 0	2720
51	32	174	70.8	6.01	<1	0,27	15.2	19	2.73	1420
52	43	332	152	8 13	<1	0.11	20.7	32	3 86	1650
53	27	184	92.5	4.66	<1	0.20	17.4	21	2 14	1020
54	35	173	85.4	6 27	1	D.15	12.9	27	2.96	1340
55	57	71	977	10.7	<1	0.09	98	24	3 92	2270
56	23	167	513	4.01	<1	0.17	12 2	29	2 15	812
57	22	147	64 9	4.32	<1	D 18	12.1	18	197	831
58	40	217	86.1	6 60	<1	0 22	15.0	41	3 22	1760
59	27	464	102	5 24	<1	0 33	26.0	41	5 10	984
60	26	97	89.2	5.14	<1	0.19	13 4	38	1 55	953
61	LN.R.	L.N.R.	L.N.R.	L.N.R	L.N.R.	L.N.R	L N.R	LNR	LNR	LNR
62	LNR.	LNR.	LNR	LN.R.	L.N.R.	LNR.	LN.R	L N R	L N R	L N.R

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Page 5 of 9



Element Method	Ma ICP14B	Na ICP14B	Ni ICP14B	P ICP14B	Pb ICP14B	S ICP14B	Sb ICP14B	Sc ICP14B	Sn ICP14B	Sr ICP14B
DetLim.	1	0.01	1	0.01	2	0.01	5	0.5	10	05
Units	ррл	%	ppm	"%。	ppm	%	ppm	pphi	ppm	ррлі
01	LNR	L N.R	L.N.R.	L.N.R	L.N.R.	L.N.R.	L.N.R	LNR	LNR	LNR
02	L.N.R	L.N.R.	L N.R	LNR.	LNR.	L.N.R	L.N.R.	L.N.R.	LNR	LNR
03	LNR	LN.R.	LN.R.	L N.R	LNR	E N R	L N.R	E N.R	L.N.R	LN R
04	L.N.R	LNR	LNR	LNR	LNR.	L N R	L N R	LNR	LNR	ENR
05	L.N.R	L.N.R	L N R	LNR.	L.N.R.	L.N.R.	L.N.R.	L.N.R	L.N.R	LNR
06	L N.R	LNR	L N.R	Ł N.R.	L.N.R	L.N.R	LNR	L N.R	L.N.R	L.N.R
07	L N R	LNR	L N.R	L N R	E.N.R.	L N.R	L N R	L N.R	LNR	L.N.R
08	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R	LNR	L.N.R	L N.R	LNR	L.N.R
09	L.N.R	L N R	LN.R.	L.N.R.	L.N.R.	LN.R.	L.N.R	L N.R	LNR	L.N.R
10	L.N.R.	LNR	LNR	LNR	L.N.R.	LN.R	L N.R	LNR	LNR	L.N.R
11	L N.R	L.N.R	L.N.R.	L.N.R.	L.N.R.	L.N.R	LNR	LNR	L.N.R	L.N.R
12	ជ	0.05	330	0.05	2	<0.01	6	8.6	<10	24-1
13	<1	0.02	2370	0 0 1	<2	< 0.01	<5	81	<10	6.0
14	<1	0.01	2410	0.01	<2	<0.01	<5	9.4	<10	8.2
15	< 1	0.02	1760	0.02	<2	0.10	<5	66	<10	642
16	3	0.03	233	D 06	ô	<0.01	<5	12 6	<10	29.3
17	4	0.03	412	0 06	8	<0.01	15	16.2	<10	28 2
18	6	0.02	655	0 09	10	<0.01	16	20 3	< 10	33.2
19	8	0.02	547	0.08	19	<0.01	20	21.1	<10	29.2
20	21	0.04	167	0 07	7	0 06	14	10.3	<10	24.9
21	23	0.04	150	0 08	6	0 13	11	103	<10	27 8
22	46	0 06	539	0 07	5	0 07	8	11.9	<10	32 3
23	13	0.03	125	011	7	0.03	6	8.6	<10	216
24	9	0 04	128	0.06	5	0.01	<5	67	<10	18 6
25	5	0 03	128	0 10	7	0 07	6	0 8	<10	14 8
26	В	0.04	158	0 07	5	<0 01	18	107	<10	27.9
27	5	0.04	242	0.06	8	0.01	8	1D 3	<10	33 9
28	5	0.04	58	010	8	0.07	8	58	<10	28.0
29	7	0.08	88	Ø 11	3	0.65	23	14.6	<10	103
30	4	0.04	88	012	7	0.13	15	80	<10	34.9
31	2	0.05	47	0 14	6	0 20	7	60	<10	42.3
32	2	0 07	129	D 12	6	0.07	16	92	<10	40 7
33	1	0 10	174	0.12	9	0 07	21	107	<10	46 1
34	<1	0 08	177	0 09	8	<0.01	19	11.6	<10	59 1
35	<1	0.04	66	0.05	6	<0 01	<5	4 7	<10	29.6
36	2	0 05	129	0 08	7	<0.01	20	13 5	<10	34.3
37	Ť	0.06	119	0 07	5	<0 01	6	12.3	<10	32.7
38	<1	0 07	134	0 09	8	0.02	9	10 4	<10	54 8
39	1	0.06	170	0.09	11	<0.01	10	12.2	<10	39 0
40	<1	0 07	191	0.08	9	<0.01	12	10.5	<10	42 4
41	1	0.05	562	0 07	11	<0.01	15	14 4	<10	49 ‡
42	<1	0 05	155	0.06	5	<0.01	<5	57	<10	29.1
43	<1	0.04	178	0.07	10	<0.01	9	11.0	<10	37.6

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Page 6 of 9



Element	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sn	Şr ICD14B
Method	ICP14B	0.01	100148	0.01	1011148	0.01	ICP148 5	ICP14B D.5	IGP148 10	IUP148 0.5
Det.Lin.	י	%	י	001 %		3%	nom	000	01	000
units	- PP	D 04	160	0.00	11	0.02		11.2	<10	61 O
44	2	0.04	109	0.00		0.02	< 5	11.3	~10	510
45	<1	0.05	136	0.08	ę	<0.01	10	19.5	<10	4Q Q
46	<1	0.04	151	0 07	9	<0.01	8	10 2	<10	23 5
47	2	0.01	1160	0.06	3	<0.01	20	19.5	< 1.0	194
48	5	0.03	314	0.07	10	<0.01	5	10 5	<10	21.2
49	3	0.03	418	0 05	5	0 0 1	<5	114	<10	24.9
50	<1	0.01	2200	0.01	<2	<0.01	<5	10.6	<10	60
51	<1	0.05	203	0.08	5	<0 01	9	16.4	<10	34 5
52	1	0.02	347	0.05	6	<0.01	13	27 1	<10	32.7
53	2	0.04	222	0 07	12	<0.01	6	11.2	<10	32 3
54	<1	0.04	177	0.07	8	<0.01	9	16.9	<10	33.3
55	<1	0.03	74	0.06	7	<0.01	10	25.7	<10	49.5
56	<1	0.04	189	0.06	7	<0.01	9	10 5	<10	36 3
57	<1	0.07	152	0.06	8	<001	8	12.2	<10	48 1
58	<1	0.03	221	0 08	6	<0.01	7	18 6	<10	315
59	5	0.03	277	0.06	12	<0 01	<5	14.9	<10	30.4
60	2	0 07	108	0 07	10	0 0 1	13	10.2	<10	71.2
61	L.N.R	LNR	LN R	LNR	L.N.R	L N.R	L.N.R	LNR	L.N.R	LNR
62	L.N.R.	LNR	LNR	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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Page 7 of 9



Element	Τι	V	W	Y	Zn	Zr
Method	ICP14B	ICP14B	ICP148	ICP14B	ICP14B	ICP14B
Det.Lim.	D.01	1	10	0.5	1	05
Units	70	ppin	ppin	ppin	ppm	ppn
01	LNR	LINR	LNR	L.N.R	LNR	LNR
02	LNR	L.N.R	L.N.R	L.N.R	LNR	LNR
03	L N.R	L.N.R	L.N R	L.N R	L.N.R	LNR
04	LNR	LNR	LNR	LNR	LNR	LNR
05	LNR	L.N R	L.N R	L.N R	L.N.R	L N.R
06	LNR	LNR	L.N R	L.N R	LNR	LNR
07	LNR	L.N.R	LNR	LNR	L.N.R	L N.R
08	LNR	L.N R	L.N R	L.N R	L.N.R	LNR
09	L.N.R	L.N R	LNR	L.N R	LNR	LNR
10	LNR	LNR	L.N.R	L.N.R	L N.R	L.N R
11	LNR	L.N.R	LNR	L.N.R	LNR	LNR
12	0 24	100	<10	6.0	65	2.2
13	0.04	27	<10	24	44	17
14	0.04	24	<10	32	37	23
15	0.09	45	<10	3.3	31	31
16	D 11	93	<10	15 7	170	14
τ7	0 47	126	<10	217	111	17.3
18	0.71	178	<10	21.2	176	311
19	0.72	181	<10	23.2	177	32 4
20	0 24	123	<10	10 2	57	2 2
21	0.28	138	<10	6.8	50	3.4
22	0.24	115	<10	312	57	22
23	0.25	117	<10	47	86	2.3
24	0 22	92	<10	49	55	20
25	0.23	114	<10	5.9	72	26
26	0.24	112	<10	12.8	60	3 t
27	0.26	115	<10	8.9	86	74
28	0.19	97	10	7.3	71	14
29	0 40	171	10	11.8	57	6.0
30	0 27	116	<10	8.6	77	34
31	0.29	126	<10	90	68	2 0
32	0.34	118	<10	12.6	105	4.6
33	0 47	156	<10	16 5	114	55
34	0.29	125	<10	14.9	103	34
35	0.18	71	<10	7.2	79	1.6
36	0 34	129	<10	15.0	105	14.2
37	0 27	124	<10	13.2	92	74
38	0.26	109	<10	12.6	89	44
39	0.27	127	<10	13.3	95	11.2
40	0 28	128	<10	11.8	80	5.2
41	0.15	116	<10	13.2	83	35
42	016	76	<10	5.3	70	1.8
43	0.30	113	<10	12.5	85	82

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Page 8 of 9



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Zr w Y Ζn v Τı Element ICP14B ICP14B ICP14B ICP14B ICP14B 1CP14B Method 0.5 1 10 05 0.01 1 Det.Lim. ppm ppm ppm ppm 12. opm Units <10 13.7 90 12.2 120 0.31 34.3 20.5 108 <10 0 53 197 18.4 13.2 97 <10 134 0.38 17.2 14.2 129 <10 165 0.46 6.2 174 <10 127 114 0.33 5 1 114 <10 11.9 0 1B 116 1.8 30 < 10 2.8 47 0.01 25.8 108 160 <10 18.9 0.42 227 24.1 234 <10 26.0 0.41 12.5 106 12.7 0 19 105 <10 257 111 16.5 172 <10 0.40 27.9 157 46.3 302 <10 0.66 8.2 117 74 <10 0.26 120 72 16.4 13.5 <10 0.30 120 119 13.6 17.4 0.34 176 <10 12.9 117 18.5 <10 169 0.20 <10 14.5 136 8.3 93 0.25 60 LNR EN.R. LNR L N.R. L.N.R. L N.R LN.R LNR. L N R LN.R. LNR. L N.R 62

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Page 9 of 9

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