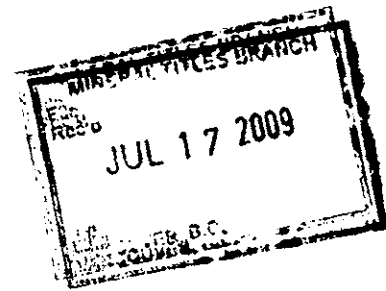


Report



on the

**Chutanli Project
Porphyry Area**

**Omineca Region, British Columbia
Latitude 53° 21' N., Longitude 124° 37' W.
NTS map sheet 93F/7E**

by

**BC Geological Survey
Assessment Report
30267**

James W. McLeod, P. Geo.

on behalf of

**Jacqueline A. McLeod
and
Omega Exploration Services Inc.**

**GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT**

30,267

**October 14, 2008
(Revised December 21, 2008)
Savona, British Columbia**

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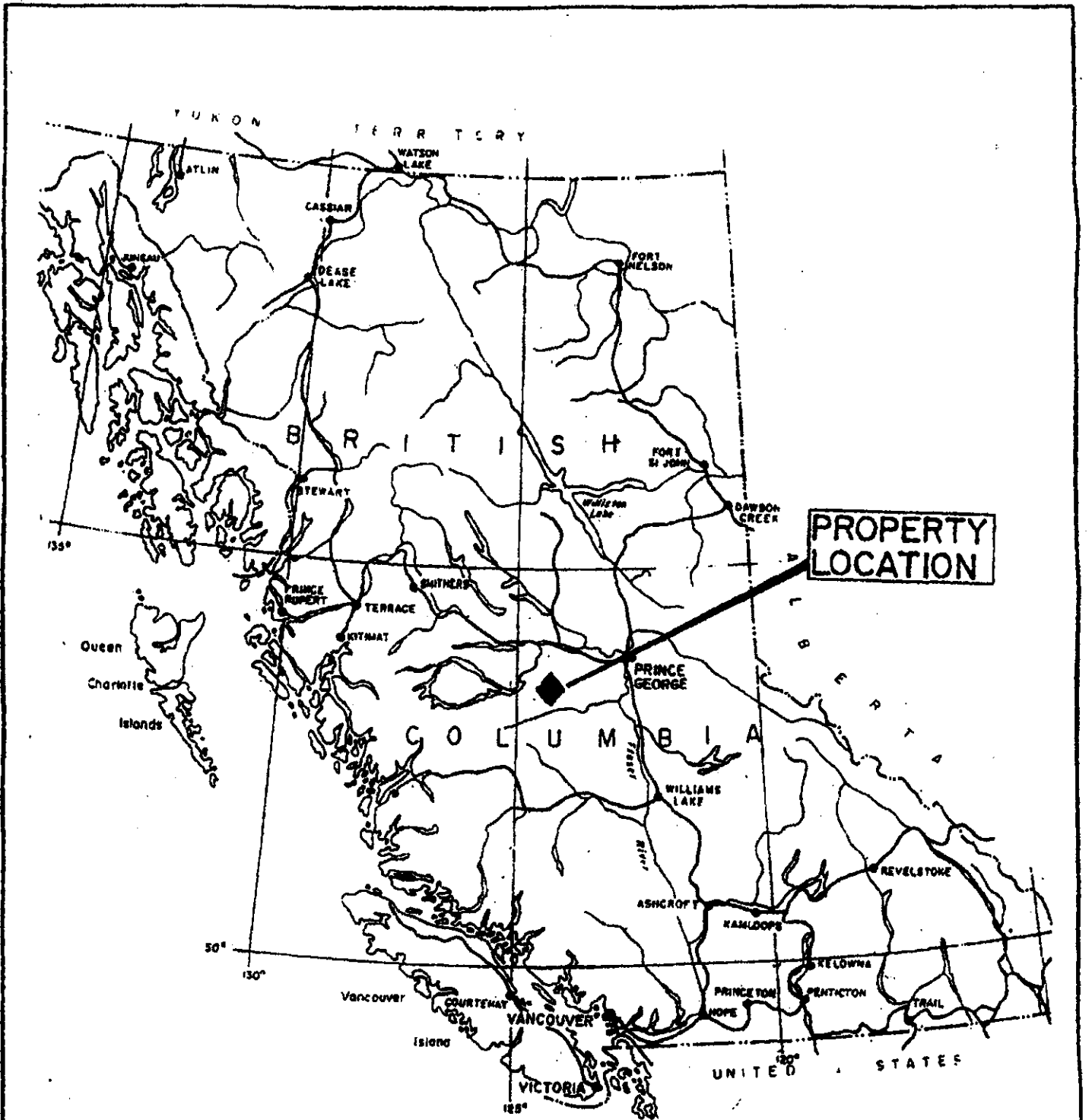
Porphyry Area

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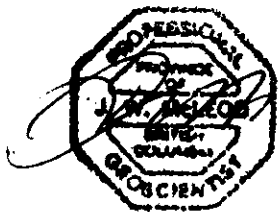
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PROPERTY LOCATION



OMEGA EXPLORATION SERVICES INC.
CHUTANLI PROJECT

LOCATION MAP

N.T.S. 93F-7,8 KLUSKUS-OOTSA AREA, B.C.

0 150 300 450 km.

SCALE: 1:7,500,000

DATE: OCT. 2008

DRAWN BY: J. M.

FIGURE NO. 1

Further fieldwork on the project area is recommended including logging what drill core is available on the property and fill-in MMI soil geochemistry about the anomalous responses obtained to date. Also the reconnaissance MMI sampling should be extended to the south of the Kluskus-Ootsa road to the south boundary of the Chutanli project Porphyry area mineral claims.

Introduction

The current fieldwork program was conducted by and under the supervision of the author. The fieldwork consists of prospecting, grid installation, rock sampling and MMI soil sampling and subsequent IL analyses.

The work program was conducted on behalf of Omega Exploration Services Inc. and Jacqueline A. McLeod of Savona, British Columbia.

Location and Access

The Porphyry area may be located on NTS map sheet, 93F/7E at approximately latitude 53° 21' north and longitude 124° 37' west. It is situated approximately 80 air-kilometres south of the Town of Vanderhoof, B.C., at the southeast end of the Nechako Range. The property lies within the Omineca Region, British Columbia.

Access to the property is gained by traveling approximately 25 km. southwest of the Town of Vanderhoof, B.C. on the Kenney Dam road and then southerly for 98.5 km. on the Kluskus-Ootsa road. This major logging, haul-road can be described as a wide, good all weather, gravel surfaced road. Just southwest of the cutoff to Chutanli Lake at 98.5 km., the Kluskus-Ootsa road branches off to the west from the south trending Blue road. At 98.5 km. on the Kluskus-Ootsa road it enters the northeast corner of the Porphyry #1 mineral claim and diagonally traverses it and leaves it in the southwest corner (see Figure 2). A number of other gravel surfaced property access roads traverse much of the claim area.

Topographical and Physical Environment

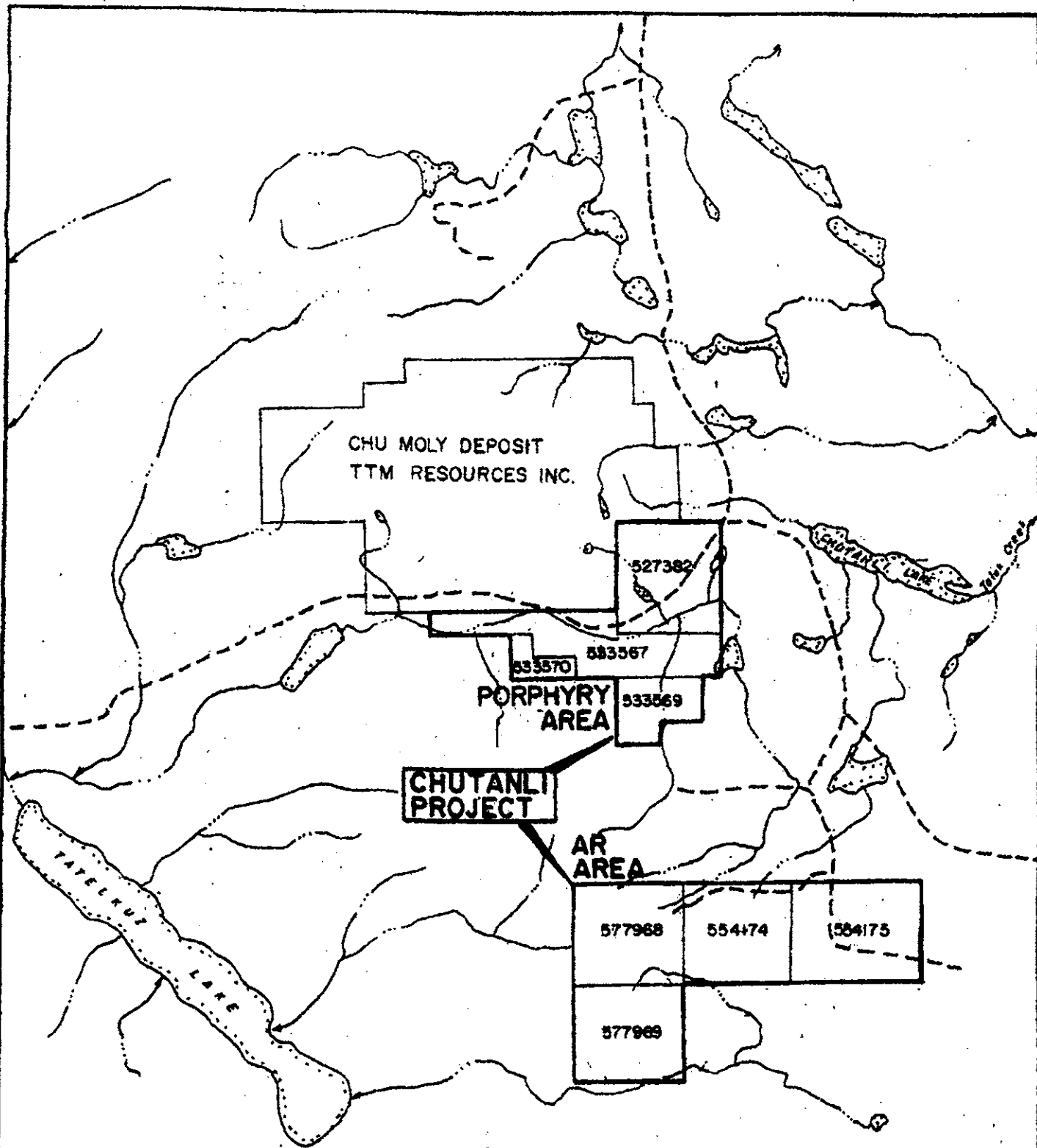
The property lies within the Intermontane (physiographic) belt of the Interior Plateau. This regional area lies between the Coast Mountains on the west and the Columbia Mountains on the east. More particularly it is found to occur in the transition zone on the south-end of what is called the Nechako Range between the northwesterly trending Nechako and Fraser plateaux. The claim area generally is fluvial-glacial covered, rounded mountainous terrain and the general area reflects many glacial effects, in particular extensive drumlin (moraine) features. The claim area ranges in elevation from approximately 1,050 metres (3,450') to 1,340 metres (4,400') mean sea level. The areas are conifer covered with lodgepole pine and spruce. Much of the claim and general area has undergone extensive clearcut logging of the coniferous forest cover to try and salvage some benefit from the widespread and massive, pine beetle infestation. The general area lies within the sub-alpine biotic zone and experiences greater than 100 cm. of precipitation annually, of which 15%-25% may occur as a snow equivalent i.e. about 20 cm. The summers are generally mild with moderate precipitation and the winters can be very cold, but usually not for extended periods. The area historically reveals a cyclic repetition of hot and cold periods.

Property and Ownership



The property summarized in this report is comprised of 4 contiguous lode mineral claims known as the Porphyry area. The claim particulars are listed as follows:

<u>Name</u>	<u>Tenure No.</u>	<u>Hectares (acres)</u>	<u>Good to Date</u>
<u>Porphyry Area</u>			
Porphyry#1	527382	482 (1191)	Feb. 10, 2011
Au#1	533567	483 (1193)	May 04, 2011
N/N	533569	193 (476)	May 04, 2011
N/N	533570	77 (190)	May 04, 2011

*N/N - No name



LEGEND

-  Logging road
-  Creek, lake



OMEGA EXPLORATION SERVICES INC.
CHUTANLI PROJECT
PORPHYRY AREA
CLAIM MAP
 NTS. 93F-7, 8 KLUSKUS-OOTSA AREA, B.C.

0 2 4 6 KM.

SCALE: 1:100,000	DATE: OCT. 2008
DRAWN BY: J.M.	FIGURE NO. 2

The claim area totals approximately 1,235 hectares or 3,052 acres. The above listed lode mineral claims are owned by Jacqueline McLeod and Omega Exploration Services Inc. of Savona, British Columbia.

History

The recorded mining exploration history of the general property area dates from 1969-70 when several helicopter supported prospecting and regional geochemical silt survey programs found indications of anomalous copper, molybdenum and tungsten values in the general vicinity of Chutanli Lake.

Apparently, coincident reconnaissance silt surveys were conducted by Rio Tinto Canadian Explorations Ltd. and Asarco (American Smelting and Refining Company) during 1969-70 that led to a joint discovery of what is now known as the Chu molybdenum deposit.

During this early period, both companies undertook some shallow diamond core drilling. The author, during a fieldwork program he was conducting in 2003 located the remains of some of the drill core from Rio Tinto's 1969-70 diamond drilling program.

The construction of the Kluskus-Ootsa logging road in the 1970's saw Asarco consolidate the project areas and carry-out a number of geological, geochemical, geophysical surveys and some shallow diamond core drilling. They were joined by Armco Mineral Exploration Ltd. in a joint venture in 1979 which Armco managed. They conducted core drilling programs in 1980: DDH 1-3, 1981: DDH 1-7 and 1982: DDH 1-2. This fieldwork had partially outlined a large northwest-southeast trending zone of strong molybdenum-bearing mineralization in an interlayered meta-conglomerate and granodiorite that evolved as a quartz stockwork.

During 2006, TTM Resources Inc. (TTMRI) of Vancouver, B.C. acquired ownership of the Chu molybdenite deposit and undertook a large and extensive fieldwork program that led to the first NI 43-101 resource estimate for the property being filed by TTMRI in February, 2008 (see Sedar filings).

The area now known as the Porphyry #1 mineral claim is the historical host site of the Granges Exploration project on the April and May mineral claims

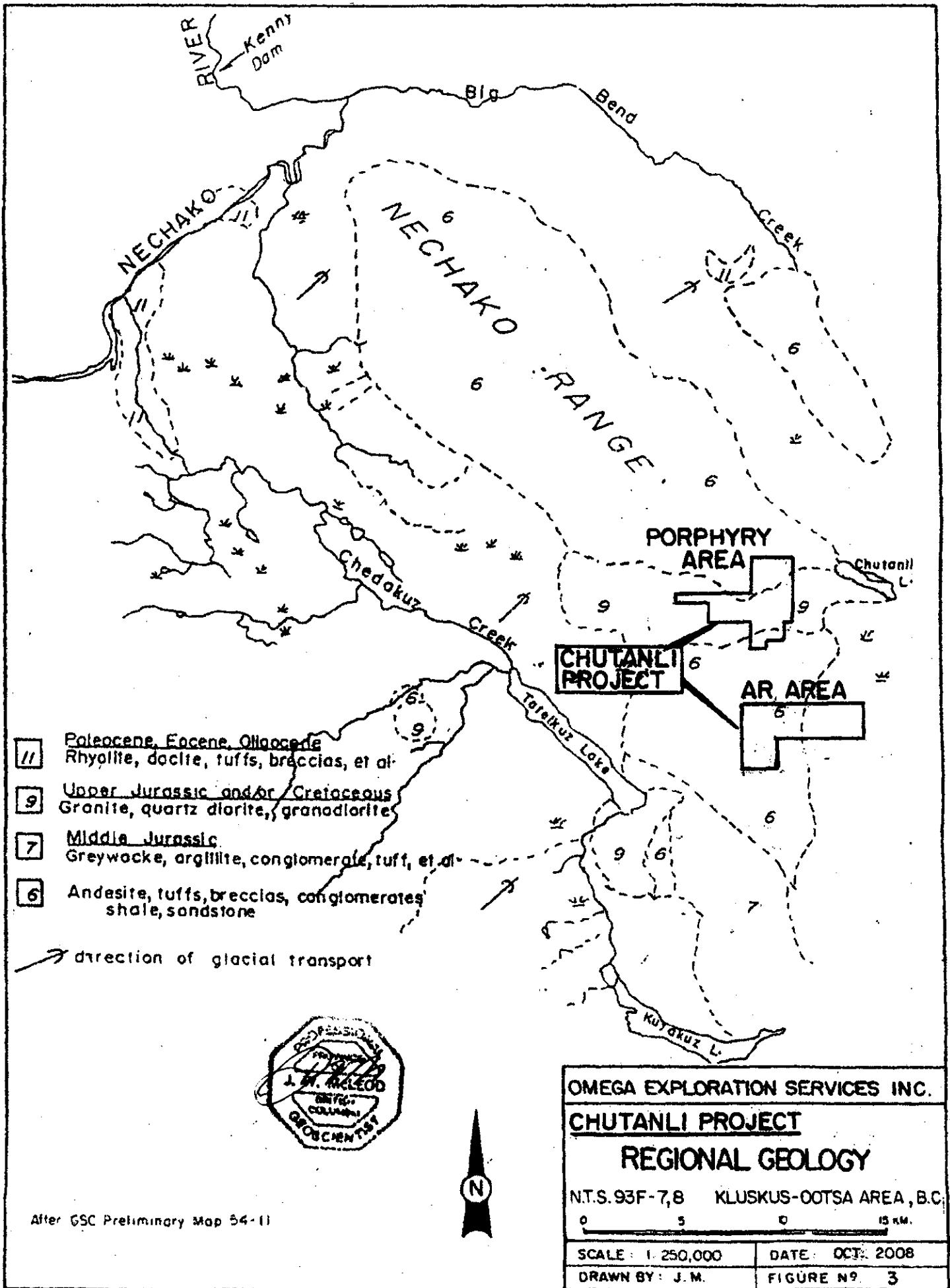
in 1981 on a zinc prospect. In 1992 Placer Development drilled a copper-gold zone on the CH mineral claim. In 1995-98 Orvana Resources Corp. did further drilling on the CH mineral claims. Since 2001 the author has conducted fieldwork on the Chu area and later the Porphyry#1 area. These efforts appear to have taken place on the present Porphyry area of the Chutanli project.

Regional Geology

The oldest rocks in the general area are volcanics and sediments which have been assigned to the Hazelton-Takla Group of Upper Triassic-Jurassic age. These rocks in places have been intruded by late Jurassic and early Cretaceous aged Coast Range plutonic rocks of granitic to dioritic composition that on the Chu property generally occur as granodiorite, which are referred to in the more local area as the Nechako intrusions. More than one period of intrusive activity appears to have affected the area. Some intrusive rocks observed in the general area appear to be younger than the Nechako intrusions and may be more alkalic in composition. These rock units appear to exhibit in some areas a closer proximity to the stronger molybdenite, MoS₂ mineralized zones and are thought by some as being the hydrothermal carrier or cause of the molybdenite-copper-tungsten mineralization at Chu. The youngest rocks observed in the area are the andesite to basalt flow volcanics which are thought to be of Oligocene age. The host rocks of the mineral zone which is the focus of historical attention, the hornfelsed quartz stockwork is considered to be mainly contained within Hazelton Group rocks although this does not preclude a younger age of mineralization. The mineralization at the Porphyry Area may be the same age and cause as at Chu.

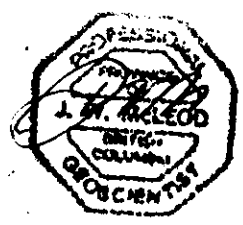
Local Geology

The different rock units are found to occur as northwesterly striking and northeasterly dipping sediments and volcanics. The oldest underlying bedded rocks that are found to occur in the central area of the property as hornfelsed conglomerate, mudstone and quartzite and conformably overlain on the northeast side by northeasterly dipping clastic andesitic tuffs. These units appear to trend through the property in a northwest-southeast direction. The bedded sediments and volcanoclastic units (Hazelton-Takla) are intrusive contacted with granitic rocks thought to be Coast Range



- 11 Paleocene, Eocene, Oligocene
Rhyolite, dacite, tuffs, breccias, et al.
- 9 Upper Jurassic and/or Cretaceous
Granite, quartz diorite, granodiorite
- 7 Middle Jurassic
Greywacke, argillite, conglomerate, tuff, et al.
- 6 Andesite, tuffs, breccias, conglomerates, shale, sandstone

↗ direction of glacial transport



After GSC Preliminary Map 54-11

OMEGA EXPLORATION SERVICES INC.	
CHUTANLI PROJECT	
REGIONAL GEOLOGY	
N.T.S. 93F-7,8 KLUSKUS-OOTSA AREA, B.C.	
0 5 10 15 KM.	
SCALE: 1:250,000	DATE: OCT. 2008
DRAWN BY: J.M.	FIGURE NO. 3

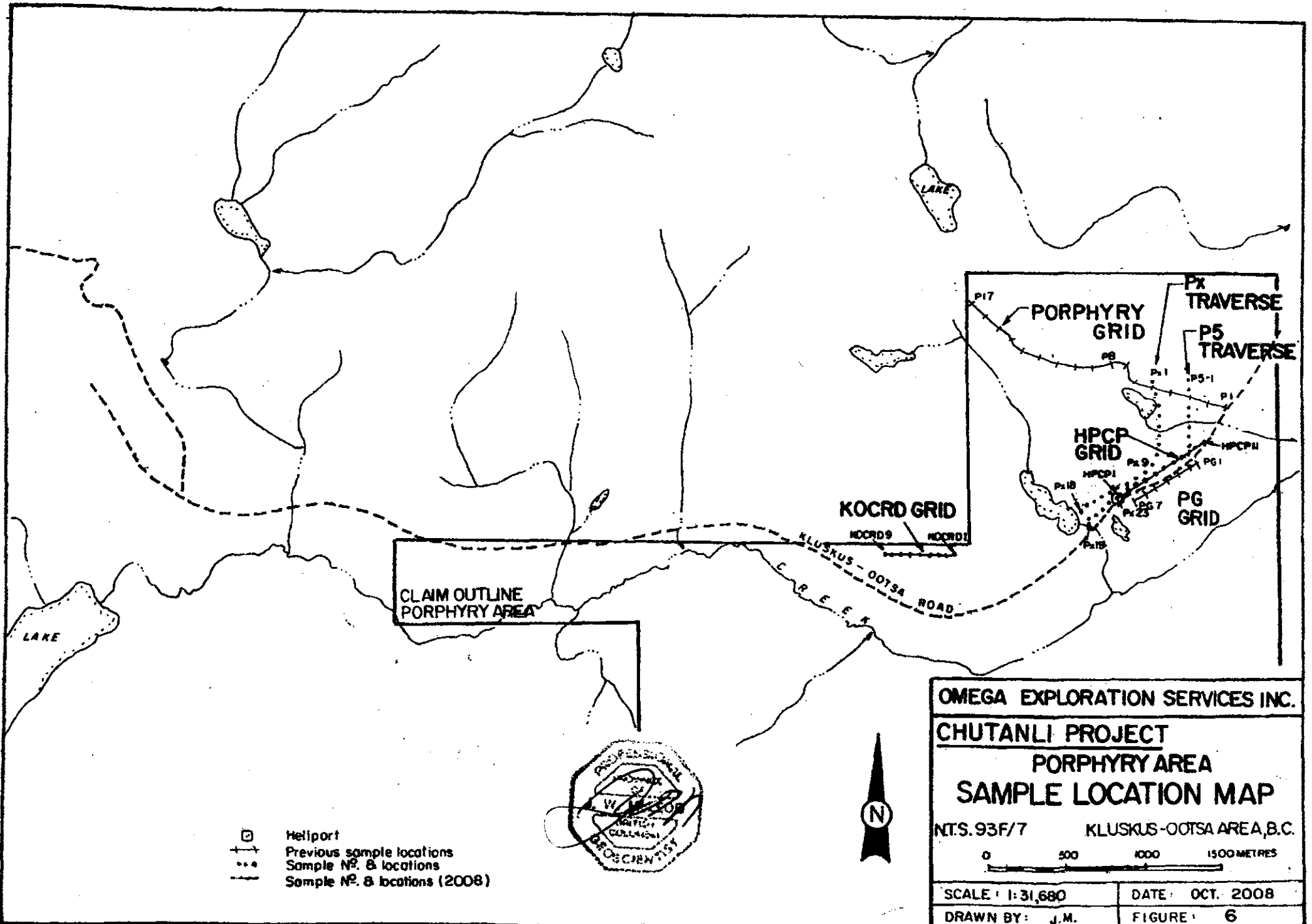
intrusions of Jurassic-Cretaceous age. The mineral host units appear to occur as a large package of older rocks that may represent a roof pendant lying on the intruding and somewhat interlayered granodiorite and being cut in places by the still younger alkalic (dyke) rocks.

The molybdenum mineralization is related to a quartz vein stockwork that is best developed in the hornfelsed (conglomerate) that have undergone varying degrees of biotitization following structural preparation (brittle fracturing) and subsequent quartz-welding. Pyrite and pyrrhotite are found widespread throughout the molybdenite (MoS_2) mineralized zones and the core in general. The iron minerals on contacts of the hornfels unit appear to have undergone moderately strong oxidation. Local concentrations of minor chalcopyrite and possibly scheelite possibly offer the copper and tungsten values observed. The copper-zinc-gold at the Porphyry area appears to have undergone some silicification and possibly a stronger contact metamorphic effect than the Chu molybdenum zone that may be explained by its closer proximity to the igneous contact.

Present Work Program

The present fieldwork program was undertaken during the period July 1-9, the author had 6 fieldwork days in total (on the days July 1, 1/2 day, July 2 - 1/2 day, 4, 5, 6, 7 and 8) 2008 on the Porphyry area (see Statement of Costs for details). One zone had two contiguous 10 m. grab-chip samples taken, Sa. # 542847- 48 (see Figure 8). Two MMI soil sampling traverses were carried-out on the Porphyry area. The two sample traverses in the Porphyry area with samples numbers KOCRD # 1-9 and sample numbers HPCP # 1-11, respectively (see Figures 6, 7 and 8). The HPCP traverse grid crosses what is thought to be within the 1992 Placer Development Corp. diamond core drill grid. The Porphyry #1 mineral claim, tenure number 527382 is thought to encompass three former project areas that are listed as follows: 1) a Granges Exploration project, April and May mineral claims in 1981; 2) a Placer Development project on the CH mineral claim in 1992 and 3) and a Orvana Resources Corp. project in 1995-98 also on the same CH mineral claims.

The KOCRD and the HPCP rendered 9 and 11 MMI samples, respectively for a total of 20 samples (see Figures 6, 7 and 8). All of the soil samples



CLAIM OUTLINE
PORPHYRY AREA

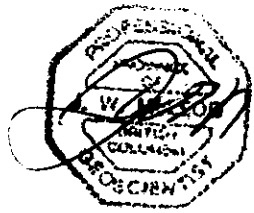
OMEGA EXPLORATION SERVICES INC.
CHUTANLI PROJECT
PORPHYRY AREA
SAMPLE LOCATION MAP

NTS. 93F/7 KLUSKUS-OOTSA AREA, B.C.

0 500 1000 1500 METRES

SCALE: 1:31,680	DATE: OCT. 2008
DRAWN BY: J.M.	FIGURE: 6

- ☐ Heliport
- ⊕ Previous sample locations
- Sample No. & locations
- Sample No. & locations (2008)



underwent IL digestion and induction coupled plasma mass spectrophotometer (ICP-MS) detection.

The mobile metal ion soil sampling method employed during this project is described as follows: an area roughly 0.3 metre² is cleaned off and a vertical face is dug through the surface cover of, moss, needles, lichen, and organic matter of any significance. The type and thickness of this zone is recorded. The vertical face is deepened through the soil zone below the organic layer. The author tries to achieve an approximately 30 cm. vertical soil horizon that can be observed. The soils in general in the project area can be described as podzols which have developed under coniferous cover. The soil texture and type of horizon, i.e. "A" (often a greyish, bleached) horizon, sometimes followed by a "B" (often a rusty, oxidized and sometimes enriched) horizon. The interval to be sampled in this soil section ranges from 10cm. - 25cm. in vertical depth from the ground surface with a plastic scoop. The sample is collected in a plastic (gold) pan. The 0.84 - 1.84 kilogram samples were bagged in marked 30 cm. x 50 cm. polyethylene sample bag. A total of 20 MMI soil samples were taken from the two traverses. The samples were taken to ALS Chemex laboratory in North Vancouver, B.C. where they are registered using our sample numbers and then sent by air to the ALS Chemex laboratory in Perth, Australia for their IL (digestion) and subsequent induction coupled plasma (ICP) analyses. The chosen multi-element IL package is called the ME-MS 23, a 58 element package plus final solution pH.

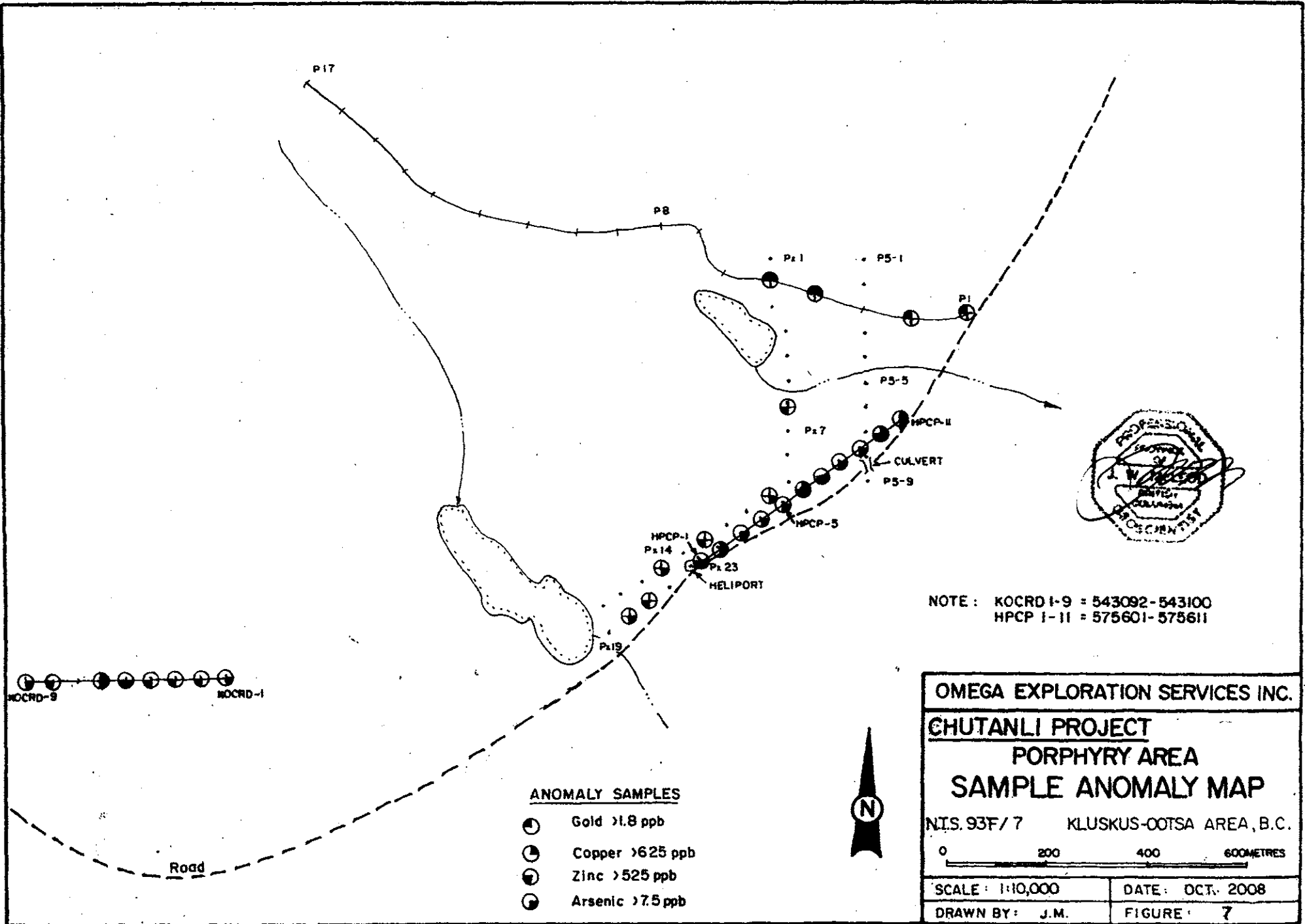
After considerable traversing in the rather heavily vegetated portion of the property the author located the 1992 Placer Development diamond drill core that looks, intact and undisturbed, but weathered since that time. It was left as found until the time for re-boxing, detail logging and sampling can be arranged.

Conclusions

The results from the MMI soil sampling surveys exhibit some apparently anomalous values.

Note: the MMI-M and IL sample data has been treated with conventional descriptive statistical techniques for determining standard deviation and frequency distribution in various element suites that have been found to

94040



NOTE: KOCRD I-9 = 543092-543100
 HPCP I-II = 575601-575611

OMEGA EXPLORATION SERVICES INC.	
CHUTANLI PROJECT	
PORPHYRY AREA	
SAMPLE ANOMALY MAP	
NIS. 93F/7	KLUSKUS-OOTSA AREA, B.C.
0 200 400 600 METRES	
SCALE: 1:10,000	DATE: OCT. 2008
DRAWN BY: J.M.	FIGURE: 7

occur together is certain mineralogical environments. These suites are: a) Gold Exploration Suite (GES) composed of cobalt, gold, nickel, palladium and silver; b) Base Metal Suite (BMS) composed of cadmium, copper, lead and zinc; c) Porphyry Pathfinder Suite (PPS) composed of arsenic, mercury*, antimony, molybdenum, selenium* and iron; d) Granophiles, Pegmatites Suite (GPS) composed of uranium, thorium, lead, tantalum*, tin and tungsten and the Kimberlite Exploration Suite (KES) composed of twenty-one elements with a core element package of Ni, Co, Pd, Cr, Nb, Rb, Mg, Y, Ti and Sr. The * denotes elements that were not reported in our previous MMI-M analyses package, but are now included in the IONIC leach package.

The analyses determined in the MMI-M or IL tests are not those obtained using conventional multi-element methods. It is not that conventional soil analyses methods do not detect the elements, but it is the range of detection that is more complex because of the leach method which has a more totally digestive possibility. The method is thought to attain more quantitative results and therefore elevate the possibility of coincidence of anomalous suites to a more meaningful level of reliability. It has been found that certain elements group together and may have usefulness as pathfinder components. These elements normally reported by MMI and IL digestion and induction coupled plasma (ICP) detection are at times observed to share a relatively similar position in the periodic table and some appear to fit well with respective pathfinder element suites. An example might be the GES and the minor and even still rarer elements cesium, lanthanum, lithium, niobium, neodymium, praseodymium, scandium, samarium, terbium, tellurium, yttrium, ytterbium and zirconium (see Appendix 1).

The various elements that are listed underwent a descriptive statistical procedure to obtain parameters that were used to construct histograms to assist in visualization of the data found to occur at apparently anomalous levels in the albeit small populations.

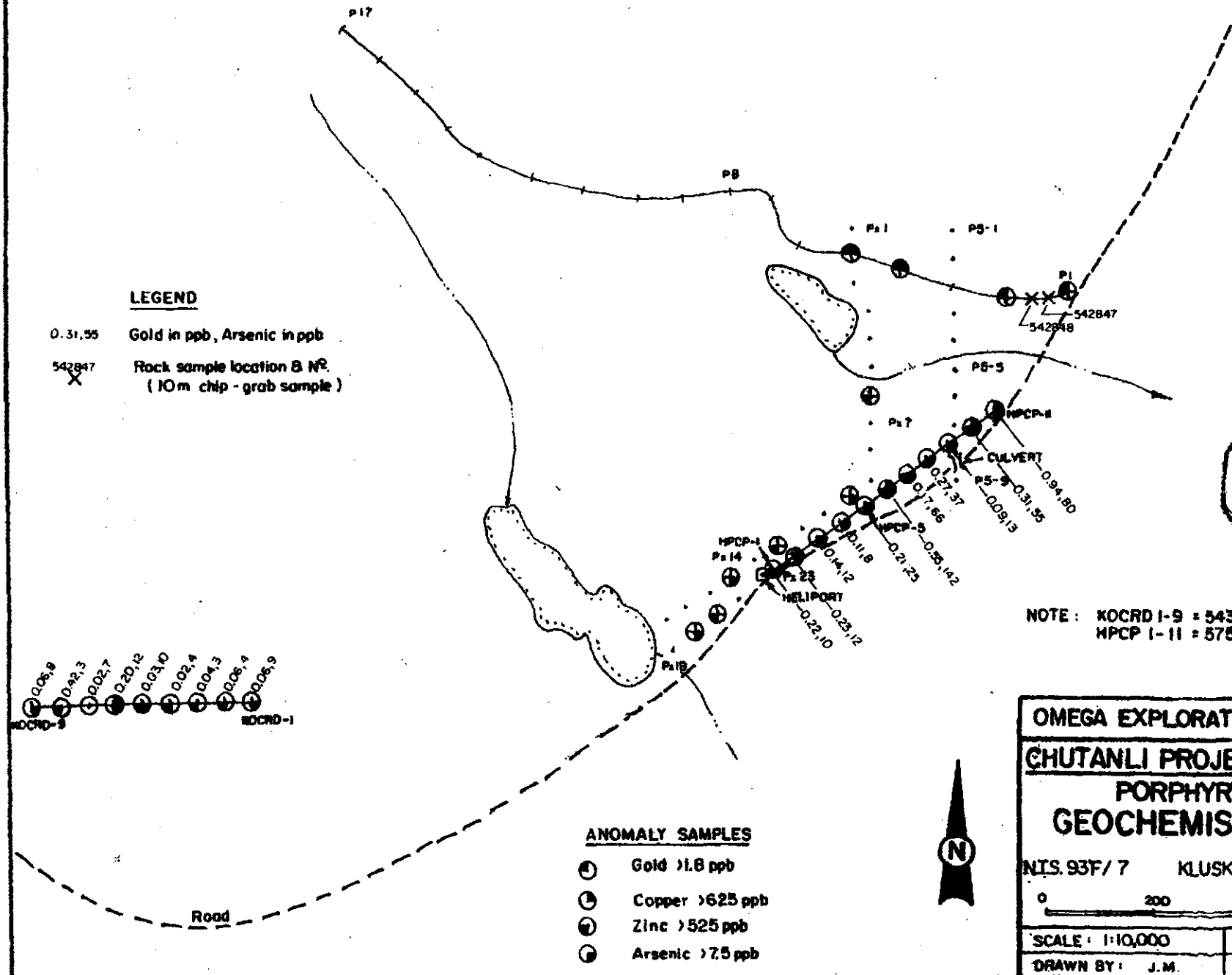
Porphyry Area - KOCRD

<u>Element</u>	<u>Anomalous</u>	<u>Anomalous Sa.No.</u>
Gold	>1.8 ppb	Nil
Copper	>625 ppb	543097

DMS-04

LEGEND

- 0.31,95 Gold in ppb, Arsenic in ppb
- 542847 Rock sample location & N^o.
(10m chip - grab sample)



NOTE : KOCR1-9 = 543082-543100
 MPCP 1-11 = 575601-575611

ANOMALY SAMPLES

- ① Gold >1.8 ppb
- ② Copper >625 ppb
- ③ Zinc >525 ppb
- ④ Arsenic >7.5 ppb

OMEGA EXPLORATION SERVICES INC.	
CHUTANLI PROJECT	
PORPHYRY AREA	
GEOCHEMISTRY - Au, As	
NIS. 93F/ 7	KLUSKUS-OOTSA AREA, B.C.
0 200 400 600 METRES	
SCALE: 1:10,000	DATE: JAN. 2009
DRAWN BY: J.M.	FIGURE: 8

Zinc	>525 ppb	543093-96, 543099
Arsenic	>7.5 ppb	543092, 543096, 5430100

Porphyry Area - HPCP

Gold	>1.8 ppb	Nil, 575611 is interesting
Copper	>625 ppb	575606, 575610, 575611
Zinc	>525 ppb	575606, 575607, 575610
Arsenic	>7.5 ppb	575606-609 incl.

Two larger, 4 kg. grab-chip samples across approximately 10 metres each altered, fractured fine grain size volcanoclastic material returned possibly anomalous values in silver, arsenic, bismuth, cobalt, manganese, nickel, lead and zinc (see Appendix 2).

Recommendations

Further MMI soil sampling and IL geochemistry should be undertaken as fill-in sampling around all potentially anomalous samples.

The located 1992 Placer Development diamond drill core should be re-boxed, logged and sampled in detail.

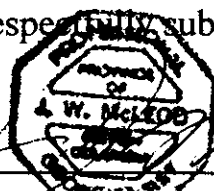
Cost Estimate

The authors' recommended fill-in sampling program on the Porphyry area and the treatment of the 1992 Placer Development diamond drill core with the attendant prospecting, mapping, sampling and assaying is cost estimated as follows:

Geologist and supervision for 20 days	\$ 10,000
Field assistants (2) for 20 days	8,000
Room and board for 60 person-days	6,000
Transportation and travel, including 4x4, fuel and oil and living expenses traveling	3,500

Equipment and supplies, new core boxes, core saw rental, sampling supplies, core storage construction supplies	2,500
Geochemical IL sampling supplies and analyses, 100 samples	6,000
Conventional ICP + ppb gold analyses, 200 samples	4,000
Maps and reports	3,500
Contingency	<u>1,500</u>
Total	\$ 45,000

Respectfully submitted,



James W. McLeod, P. Geo.

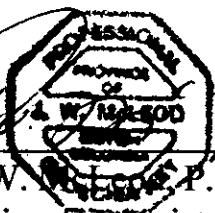
Statement of Costs

J.W. McLeod, P. Geo., geology and supervision at \$500/day for 6 days, July 1, 1/2 day, July 2, 1/2 day and July 4-8, 2008	\$3,000
Assistants: J.A. McLeod, S.C. McLeod and R. Barnes at 5 days at the following rates of \$250, \$100 and \$100, respectively for the periods listed July 1, 1/2 day, July 2, 1/2 day, July 5-8, 2008	2,250
Camp and board, 20 mandays at \$60/manday	1,200
Transportation, 4x4 rental and mileage	800
Equipment rental: trailer, Four Trax and chainsaws	720
IONIC leach analyses and related shipping costs	1,200
Report, maps and filing, incl. data review	<u>1,530</u>
Total	\$ 10,700

Certificate

- 1) I, James Wayne McLeod, of the Village of Savona, Province of British Columbia, hereby certify as follows:
- 2) I am a Consulting Geologist with an office at P.O. Box 216, 6857 Valley Road, Savona, B.C., V0K 2J0.
- 3) I am a Professional Geoscientist registered in the Province of British Columbia and a Fellow of the Geological Association of Canada.
- 4) I graduated with a degree of Bachelor of Science, Major Geology from The University of British Columbia in 1969.
- 5) I have practiced my profession since 1969.
- 6) I have a direct interest in the Porphyry area mineral claims because of ownership of the Porphyry #1 by my wife, Jacqueline A. McLeod and because we are Officers and Directors of Omega Exploration Services Inc.
- 7) The above report is based on personal field experience gained by the author during the period 2001-08. I have also conducted considerable research, both private and public, on the Porphyry area and discussed these properties in detail with knowledgeable parties.

Dated at Savona, Province of British Columbia this 8th day of June, 2009.


James W. McLeod, P. Geo.
Consulting Geologist

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Vol. **5**, 2005, pp. 201-210.

Appendix 1

MMI Sample Analyses ME-MS23

MMI IONIC Leach Soil Data

Porphyry Area



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1

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

WESTERN MINERALS INC
PO BOX 216
SAVONA BC V0K 2J0

Page: 1
Finalized Date: 21-SEP-2008
Account: WEMINC

CERTIFICATE VA08119403

Project: KOCRD

P.O. No.:

This report is for 9 Soil samples submitted to our lab in Vancouver, BC, Canada on 12-AUG-2008.

The following have access to data associated with this certificate:

JIM MCLEOD

SAMPLE PREPARATION


ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS23	IONIC Leach - Complete PKG.	ICP-MS
pH-MS23	MS23 Leach pH	

To: **WESTERN MINERALS INC**
ATTN: JIM MCLEOD
PO BOX 216
SAVONA BC V0K 2J0

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

Signature: 
Wayne Abbott, Operations Manager, Western Australia



ALS Chemex

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ALS Canada Ltd.

212 Brooksbank Avenue
North Vancouver BC V7J 2C1

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

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PO BOX 216

SAVONA BC V0K 2J0

Page: 2 - A

Total # Pages: 2 (A - D)

Finalized Date: 21-SEP-2008

Account: WEMINC

Project: KOCRD

CERTIFICATE OF ANALYSIS VA08119403

Sample Description	Method Analyte Units LOR	WEI-21	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23
		Recvd Wt kg	Ag ppb	As ppb	Au ppb	Ba ppb	Be ppb	Bi ppb	Br ppm	Ca ppm	Cd ppb	Ce ppb	Co ppb	Cr ppb	Cs ppb	Cu ppb
		0.02	0.1	1	0.02	10	0.2	3	2	0.2	1	0.1	0.3	1	0.1	10
543092		0.58	5.7	9	0.06	1520	3.4	<3	<2	133.5	5	70.8	42.3	38	3.7	330
543093		0.54	2.1	4	0.06	1550	3.6	<3	<2	114.5	17	68.4	27.2	36	4.7	70
543094		0.58	1.4	3	0.04	1190	2.5	<3	<2	95.9	20	42.9	23.2	29	4.8	100
543095		0.66	6.5	4	0.02	1100	2.2	<3	<2	126.5	11	28.4	21.6	24	3.9	190
543096		0.66	5.1	10	0.03	1190	3.3	<3	<2	190.5	12	80.6	59.3	30	1.7	470
543097		0.74	7.3	12	0.20	2960	0.5	<3	<2	191.0	2	94.6	55.4	13	2.9	740
543098		0.42	0.4	7	0.02	1950	3.4	<3	<2	123.5	30	32.4	125.0	30	2.1	240
543099		0.52	7.7	3	0.42	2230	<0.2	<3	<2	456	<1	43.8	45.0	14	0.6	170
543100		0.58	2.9	8	0.06	810	3.4	<3	<2	65.8	4	49.9	91.0	33	2.7	160



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CERTIFICATE OF ANALYSIS VA08119403

Sample Description	Method	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23
	Analyte	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Hg	Ho	I	In	La	Li	Lu
	Units LOR	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb
		0.1	0.1	0.1	0.1	0.5	0.1	0.2	10	0.1	0.1	0.1	0.5	0.1	0.2	0.1
543082		6.5	2.9	2.7	60.9	48.5	9.4	0.2	<10	0.8	1.2	0.1	<0.5	38.5	2.1	0.4
543083		6.1	2.7	2.7	72.9	49.9	9.0	0.4	<10	1.3	1.1	<0.1	<0.5	45.4	8.2	0.3
543084		4.9	2.4	1.8	81.9	45.9	5.9	0.3	<10	1.7	0.9	<0.1	<0.5	27.2	7.2	0.3
543095		2.5	1.2	1.2	59.5	40.3	3.6	0.3	<10	0.8	0.5	<0.1	<0.5	17.1	6.6	0.2
543096		16.8	8.1	5.3	61.6	34.6	20.9	0.4	<10	0.8	3.3	<0.1	<0.5	58.0	2.3	1.1
543097		9.5	3.9	4.4	19.6	81.7	14.6	0.2	<10	0.2	1.7	<0.1	<0.5	49.5	1.0	0.4
543098		7.6	4.3	2.1	153.0	63.3	6.6	0.5	<10	1.0	1.6	<0.1	<0.5	15.2	11.8	0.6
543099		6.0	2.3	2.4	17.6	58.5	7.7	<0.2	<10	0.5	1.0	<0.1	<0.5	13.7	2.4	0.3
543100		6.3	2.9	1.8	109.0	32.6	7.2	0.3	<10	1.0	1.2	0.1	<0.5	24.4	2.0	0.4



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CERTIFICATE OF ANALYSIS VA08119403

Sample Description	Method Analyte Units LOL	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	
		Mg	Mn	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Rb	Ra	Sb	Se	Sm	Sn
		ppm	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
		0.01	0.01	5	0.1	0.1	3	10	0.1	0.1	5	0.1	1	2	0.1	0.2
543092		12.05	1.70	5	2.1	39.7	155	70	1.8	7.8	127	<0.1	<1	2	8.4	0.2
543093		10.55	4.80	<5	2.2	40.2	93	50	0.8	8.1	150	<0.1	<1	2	8.1	0.4
543094		8.31	8.49	<5	3.7	24.3	82	90	0.4	4.9	183	<0.1	<1	<2	5.3	0.6
543095		5.34	2.96	<5	2.9	16.3	74	50	<0.1	3.1	166	<0.1	<1	2	3.3	0.5
543096		17.25	6.11	5	2.1	79.3	236	50	4.9	13.7	126	<0.1	<1	2	18.3	0.2
543097		11.70	1.42	<5	0.9	56.4	46	40	3.1	10.4	119	<0.1	<1	5	12.6	<0.2
543098		32.7	6.75	<5	2.7	21.5	187	170	1.1	3.8	209	<0.1	<1	<2	5.4	0.3
543099		38.5	0.38	<5	0.5	23.5	148	20	2.5	3.9	28	<0.1	<1	<2	6.4	<0.2
543100		7.27	2.47	8	1.8	28.8	153	80	1.3	5.3	143	<0.1	<1	5	6.6	0.3



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CERTIFICATE OF ANALYSIS VA08119403

Sample Description	Method Analyte Units LOQ	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	pH-MS23
		Sr	Ta	Tb	Te	Th	Ti	Tl	Tm	U	W	Y	Yb	Zn	Zr	Final pH
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	Unity
		10	10	0.1	1	1	10	1	0.1	1	0.2	0.1	0.1	20	1	0.1
543082		830	<10	1.0	<1	15	890	<1	0.5	10	0.3	39.9	1.9	490	33	8.0
543093		430	<10	1.0	<1	16	1400	<1	0.4	14	0.3	39.5	1.8	1040	26	8.0
543094		510	<10	0.7	<1	15	1880	<1	0.3	8	0.2	31.4	1.5	2390	34	8.0
543095		500	<10	0.3	<1	11	1430	<1	0.2	5	0.2	16.6	0.8	590	31	8.0
543096		920	<10	2.8	<1	21	820	<1	1.3	19	0.4	110.0	5.4	1060	47	8.0
543097		1830	<10	1.7	<1	17	350	<1	0.6	18	0.3	54.8	2.4	90	40	8.5
543098		1050	<10	0.9	<1	14	1280	<1	0.7	5	0.3	48.6	3.2	1740	28	7.0
543099		3160	<10	0.9	<1	4	200	<1	0.4	2	<0.2	29.7	1.3	40	20	8.0
543100		280	<10	0.9	<1	8	860	<1	0.5	4	0.4	39.2	2.0	340	24	8.0



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Project: HPCP

P.O. No.:

This report is for 11 Soil samples submitted to our lab in Vancouver, BC, Canada on 12-AUG-2008.

The following have access to data associated with this certificate:

JIM MCLEOD

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rod w/o BarCode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS23	IONIC Leach - Complete PKG.	ICP-MS
pH-MS23	MS23 Leach pH	

To: WESTERN MINERALS INC
ATTN: JIM MCLEOD
PO BOX 216
SAVONA BC V0K 2J0

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

Signature:

Wayne Abbott, Operations Manager, Western Australia



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CERTIFICATE OF ANALYSIS VA08119402

Sample Description	Method Analyte Units LOR	WEI-21	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23
		Recvd Wt. kg	Ag ppb	As ppb	Au ppb	Ba ppb	Be ppb	Bi ppb	Br ppm	Ca ppm	Cd ppb	Ce ppb	Co ppb	Cr ppb	Cs ppb	Cu ppb
		0.02	0.1	1	0.02	10	0.2	3	2	0.2	1	0.1	0.3	1	0.1	10
575601		0.58	27.3	10	0.22	1070	1.0	<3	<2	131.5	1	38.9	48.7	26	2.7	280
575602		0.72	42.2	12	0.23	990	1.2	<3	<2	152.5	2	47.1	62.4	28	2.1	230
575603		0.64	13.1	12	0.14	1480	2.8	<3	<2	133.0	4	43.1	65.8	76	2.3	210
575604		0.58	13.6	8	0.11	780	1.9	<3	<2	58.3	10	54.6	30.2	42	2.6	200
575605		0.46	53.9	25	0.21	750	1.5	<3	<2	90.3	10	71.5	32.6	48	2.9	240
575606		0.46	148.5	142	0.55	610	4.0	<3	<2	100.0	17	71.6	167.0	58	5.7	1270
575607		0.56	86.7	66	0.17	690	2.7	<3	<2	118.5	29	42.8	131.0	81	4.3	490
575608		0.60	38.4	37	0.27	680	2.4	<3	<2	100.0	9	78.6	40.0	60	4.4	330
575609		0.48	17.6	13	0.09	1100	2.1	<3	<2	49.6	4	52.3	38.9	31	3.0	260
575610		0.50	13.1	55	0.31	1660	1.2	<3	<2	265	14	154.0	40.2	51	1.6	960
575611		0.66	20.7	80	0.94	3350	<0.2	<3	<2	164.5	6	92.0	79.5	12	2.9	2430



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CERTIFICATE OF ANALYSIS VA08119402

Sample Description	Method Analyte Units LOR	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23
		Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Hg	Ho	I	In	La	Li	Lu
		ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb	ppb	ppb	ppb
		0.1	0.1	0.1	0.1	0.5	0.1	0.2	10	0.1	0.1	0.1	0.5	0.1	0.2	0.1
575801		5.4	2.5	2.1	23.8	30.0	8.3	0.2	<10	0.9	1.0	0.1	<0.5	20.8	1.7	0.3
575802		4.2	1.8	1.4	27.4	27.6	5.2	0.2	<10	0.6	0.7	<0.1	<0.5	14.2	1.4	0.2
575803		4.7	2.1	1.6	85.2	42.8	6.0	0.2	<10	1.3	0.8	0.1	<0.5	21.5	1.9	0.3
575804		7.6	3.5	2.3	64.1	28.2	9.7	0.3	<10	1.4	1.4	0.1	<0.5	30.5	1.3	0.4
575805		7.3	3.0	2.4	43.7	24.1	9.9	0.3	<10	1.2	1.2	0.1	<0.5	27.9	2.9	0.4
575806		10.0	4.1	2.7	93.8	21.0	11.1	0.4	<10	0.9	1.8	<0.1	<0.5	29.2	2.9	0.5
575807		5.0	2.4	1.7	143.0	34.9	8.1	1.1	<10	1.2	0.9	<0.1	<0.5	20.4	10.8	0.3
575808		8.6	3.9	2.6	74.2	26.0	11.8	0.5	<10	1.0	1.6	0.1	<0.5	41.2	3.5	0.4
575809		5.8	2.5	2.1	51.1	35.7	7.5	0.2	<10	1.2	1.0	0.1	<0.5	28.8	1.3	0.3
575810		25.4	11.8	7.9	55.7	48.1	36.6	0.7	<10	0.9	4.9	<0.1	<0.5	82.4	5.2	1.5
575811		19.3	8.5	7.5	18.4	98.3	28.9	0.3	<10	1.0	3.5	0.1	<0.5	43.4	0.5	1.0



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CERTIFICATE OF ANALYSIS VA08119402

Sample Description	Method Analyte Units LOR	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	
		Mg	Mn	Mo	Nb	Nd	Ni	Pb	Pd	Pr	Rb	Re	Sb	Se	Sm	Sn
		ppm	ppm	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
		0.01	0.01	5	0.1	0.1	3	10	0.1	0.1	5	0.1	1	2	0.1	0.2
575601		8.95	0.45	7	1.3	29.4	49	20	1.4	5.4	130	<0.1	<1	6	7.5	<0.2
575602		5.81	0.72	<5	0.9	18.4	50	20	1.1	3.5	149	<0.1	<1	3	4.6	<0.2
575603		13.85	0.67	9	1.6	23.7	102	20	1.1	4.6	117	<0.1	<1	6	5.2	<0.2
575604		4.87	2.48	8	1.6	37.8	93	30	1.5	7.1	149	<0.1	<1	3	8.5	<0.2
575605		6.24	1.87	11	1.5	35.5	73	20	1.0	6.9	162	<0.1	1	3	6.6	0.2
575606		8.21	0.63	6	1.6	36.9	497	440	1.9	7.0	165	<0.1	1	<2	9.5	<0.2
575607		20.5	1.86	7	4.7	22.2	255	380	<0.1	4.6	178	<0.1	1	<2	5.0	0.8
575608		7.34	1.29	5	2.2	43.4	202	70	2.0	8.4	252	<0.1	<1	2	10.0	0.4
575609		4.87	1.53	5	1.1	31.2	56	30	1.0	6.0	141	<0.1	<1	<2	6.7	0.2
575610		39.5	1.64	<5	2.3	133.5	353	40	9.4	23.5	79	<0.1	1	6	31.2	0.3
575611		20.9	0.91	5	0.5	98.2	76	50	6.9	15.0	109	<0.1	1	6	25.1	<0.2



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CERTIFICATE OF ANALYSIS VA08119402

Sample Description	Method Analyte Units LOR	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	ME-MS23	pH-MS23
		Sr	Ta	Tb	Te	Th	Tl	Ti	Tm	U	W	Y	Yb	Zn	Zr	Final pH
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	Unity
		10	10	0.1	1	1	10	1	0.1	1	0.2	0.1	0.1	20	1	0.1
575801		830	<10	0.9	<1	5	700	<1	0.4	3	0.3	31.6	1.5	60	26	8.5
575802		1140	<10	0.6	<1	7	440	<1	0.3	4	0.2	21.0	1.1	60	31	8.5
575803		750	<10	0.7	<1	10	1040	<1	0.3	4	0.4	28.4	1.4	220	39	8.0
575804		210	<10	1.2	<1	6	650	<1	0.8	3	0.4	45.3	2.3	370	32	8.5
575805		350	<10	1.2	<1	11	920	<1	0.5	7	0.4	37.1	2.0	370	39	8.0
575806		810	<10	1.5	<1	7	690	<1	0.8	3	<0.2	54.9	2.6	1300	25	8.0
575807		670	<10	0.7	<1	6	2530	<1	0.4	3	0.5	32.1	1.5	1590	43	8.0
575808		510	<10	1.4	<1	10	990	<1	0.6	4	0.4	51.9	2.4	300	43	8.5
575809		220	<10	0.8	<1	7	660	<1	0.4	3	0.2	32.6	1.8	350	20	8.0
575810		2110	<10	4.6	<1	13	1070	<1	1.8	8	0.5	172.5	7.5	1120	63	8.0
575811		2630	<10	3.5	<1	7	230	<1	1.2	8	0.5	128.0	5.0	420	24	8.0

Appendix 2

Rock Analyses

Porphyry Area

Appendix 2

Rock analyses of two contiguous
grab-chip samples, #542847-48
of volcanoclastic material
(see Figure 8)

Porphyry Area



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CERTIFICATE VA08143178

Project: HSP

P.O. No.: 2

This report is for 2 Rock samples submitted to our lab in Vancouver, BC, Canada on 7-OCT-2008.

The following have access to data associated with this certificate:

JIM MCLEOD

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION
ME-MS41	51 anal. aqua regia ICPMS

To: WESTERN MINERALS INC
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Signature:


Colin Ramshaw, Vancouver Laboratory Manager



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Project: HSP

CERTIFICATE OF ANALYSIS VA08143178

Sample Description	Method	Analyte	Units	LOR	WEI-21	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41		
					Recvd Wt.	Ag	Al	As	Au	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs
					kg	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
					0.02	0.01	0.01	0.1	0.2	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05
542847					1.28	1.6	2.64	67.3	<0.2	<10	40	0.22	2.41	2.22	0.15	8.08	33.9	32	2.17
542848					0.52	0.54	1.3	3	<0.2	<10	190	0.12	0.56	0.25	0.48	14.75	9.6	25	0.74
542849					0.10	0.10	0.10	0.10	0.10	10	10	0.05	0.01	0.01	0.01	0.02	0.1	1	0.05

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



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Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	
		Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm
542847		295	7.16	9.35	0.13	0.07	0.14	0.173	0.4	3.5	6.6	1.76	1345	4.83	0.14	0.13
542848		257	4.18	4.86	0.1	0.04	0.54	0.041	0.09	8.6	4.8	0.92	143	3.1	0.03	<0.05

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CERTIFICATE OF ANALYSIS VA08143178

Sample Description	Method	MS41	MS41	MS41	MS41	MS41	MS41	MS41	MS41	MS41	MS41	MS41	MS41	MS41	MS41	
	Analyte	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	LOR	0.2	10	0.2	0.1	0.001	0.01	0.05	0.1	0.2	0.2	0.2	0.01	0.01	0.2	0.005
542847		21.4	1040	23.5	16.1	0.003	3.51	3.71	15.4	1.8	0.5	87.8	<0.01	1.63	0.6	0.122
542848		4.9	1380	7.7	3.4	0.001	0.34	1.18	11.2	1.1	<0.2	40.2	<0.01	0.15	0.6	<0.005



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CERTIFICATE OF ANALYSIS VA08143178

Sample Description	Method Analyte Units LOR	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
		Ti	U	V	W	Y	Zn	Zr
		ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.02	0.05	1	0.05	0.05	2	0.5
542847		0.32	0.13	149	0.18	9.61	151	1.5
542848		0.09	0.18	105	0.12	12.55	69	1.1
542849		0.11	0.18	105	0.12	12.55	69	1.1



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CERTIFICATE COMMENTS

Method

ME-MS41

Gold determinations by this method are semi-quantitative due to the small sample weight used (0.5g).