



Ministry of Energy and Mines
BC Geological Survey

ASSESSMENT REPORT
TITLE PAGE AND SUMMARY

TITLE OF REPORT [type of survey(s)] CAPTAIN PROPERTY - DIAMOND DRILLING REPORT TOTAL COST \$169,556.06

AUTHOR(S) Gordon Richards SIGNATURE(S) [Signature]

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S) MX-13-154 YEAR OF WORK 2009

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S) Event 4821735 30/12/2010

PROPERTY NAME CAPTAIN

CLAIM NAME(S) (on which work was done)
Tenure No's 550248, 550336, 561705, 561707

COMMODITIES SOUGHT Cu, Au

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN _____

MINING DIVISION Cariboo Omineca NTS 935/13

LATITUDE 54° 57' LONGITUDE 123° 50' * (at centre of work)

OWNER(S)
1) Orestone Mining Corp 2) _____

MAILING ADDRESS
975-163 Street
Whiterock BC V9A 9T8

OPERATOR(S) [who paid for the work]
1) Orestone Mining Corp 2) _____

MAILING ADDRESS

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):
Takla volcanics, breccia, pyrite, chalcopyrite,
calcite, gypsum,

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS
17547, 17873, 21430, 31780, 29908, 30194, 30912

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping	_____	_____	_____
Photo interpretation	_____	_____	_____
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic	_____	_____	_____
Electromagnetic	_____	_____	_____
Induced Polarization	_____	_____	_____
Radiometric	_____	_____	_____
Seismic	_____	_____	_____
Other	_____	_____	_____
Airborne	_____	_____	_____
GEOCHEMICAL (number of samples analysed for ...)			
Soil	_____	_____	_____
Silt	_____	_____	_____
Rock	_____	_____	_____
Other	_____	_____	_____
DRILLING (total metres; number of holes, size)			
Core	5 holes, NQ, 673 m total	550248, 550336	\$169,556.06
Non-core	_____	561705, 561707	_____
RELATED TECHNICAL			
Sampling/assaying	_____	_____	_____
Petrographic	_____	_____	_____
Mineralographic	_____	_____	_____
Metallurgic	_____	_____	_____
PROSPECTING (scale, area)			
PREPARATORY/PHYSICAL			
Line/grid (kilometres)	_____	_____	_____
Topographic/Photogrammetric (scale, area)	_____	_____	_____
Legal surveys (scale, area)	_____	_____	_____
Road, local access (kilometres)/trail	_____	_____	_____
Trench (metres)	_____	_____	_____
Underground dev. (metres)	_____	_____	_____
Other	_____	_____	_____
TOTAL COST			\$169,556.06

DIAMOND DRILLING
ASSESSMENT REPORT
on the
CAPTAIN PROPERTY
Cariboo and Omineca Mining Divisions

CLAIMS WORKED ON
550248, 550336, 561705, 561707.

LOCATION
NTS 93J/13
Latitude: 54°57' N
Longitude: 123° 50'W
NAD 83 Zone 10
6,083,000N/440,000E

BC Geological Survey
Assessment Report
32163

OWNER-OPERATOR
Orestone Mining Corp
975-163 Street
Whiterock, B.C., V4A 9T8

PREPARED BY
Gordon G Richards P.Eng.
Ruanco Enterprises Ltd
6410 Holly Park Drive
Delta, B.C., V4K 4W6

April 19, 2011

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1.0 INTRODUCTION

Orestone Mining Corp. (“ORS” or “Orestone”) holds contiguous mineral tenures referred to as the Captain Property (CP). The Captain Property, within the Cariboo and Omineca Mining Divisions, covers about 41,000 hectares of prospective Quesnel Terrane. The property is centered about 65 kilometers northeast of Fort St. James in the Nechako Plateau area of north-central British Columbia. The property covers several areas of copper-gold +/- molybdenum mineralization located in outcrop, float and historic drill holes and a number of large, untested or partially-tested IP chargeability anomalies which may represent the pyritic fringe to an overburden-covered or buried, copper-gold +/- molybdenum mineralized center in an alkalic porphyry setting.

Work in 2009 began in June to August with a percussion drill program over the Captain Property to evaluate I.P. chargeability and resistivity highs defined in a number of I.P. surveys. The subject of this report is diamond drilling of five holes in December 2009 to test targets that failed to be tested by the percussion drilling program.

2.0 PROPERTY CLAIMS. Figure 2 and Table 1

The Captain Property, consisting of about 41,000 hectares is situated in the Cariboo and Omineca Mining Divisions. It is centered near coordinates $54^{\circ}57'N$ latitude and $123^{\circ}50'W$ longitude in 1: 50,000 map sheet NTS 093J13. Expiry dates of all claims listed in Table 1 has been extended by applying work described in this report.

3.0 LOCATION AND ACCESS. Figure 1.

Access to the QTSP is driving via 45 to 50 km along Highway 27 North from Fort St. James and then via the McLeod-Tsilcoh and Germansen-Cripple Forest Service Roads. The Forest Service Roads lead easterly and northeasterly over a distance of about 15 km to the property boundary. Driving time from Fort St. James is about 1¼ hours. Spur roads off the forest service

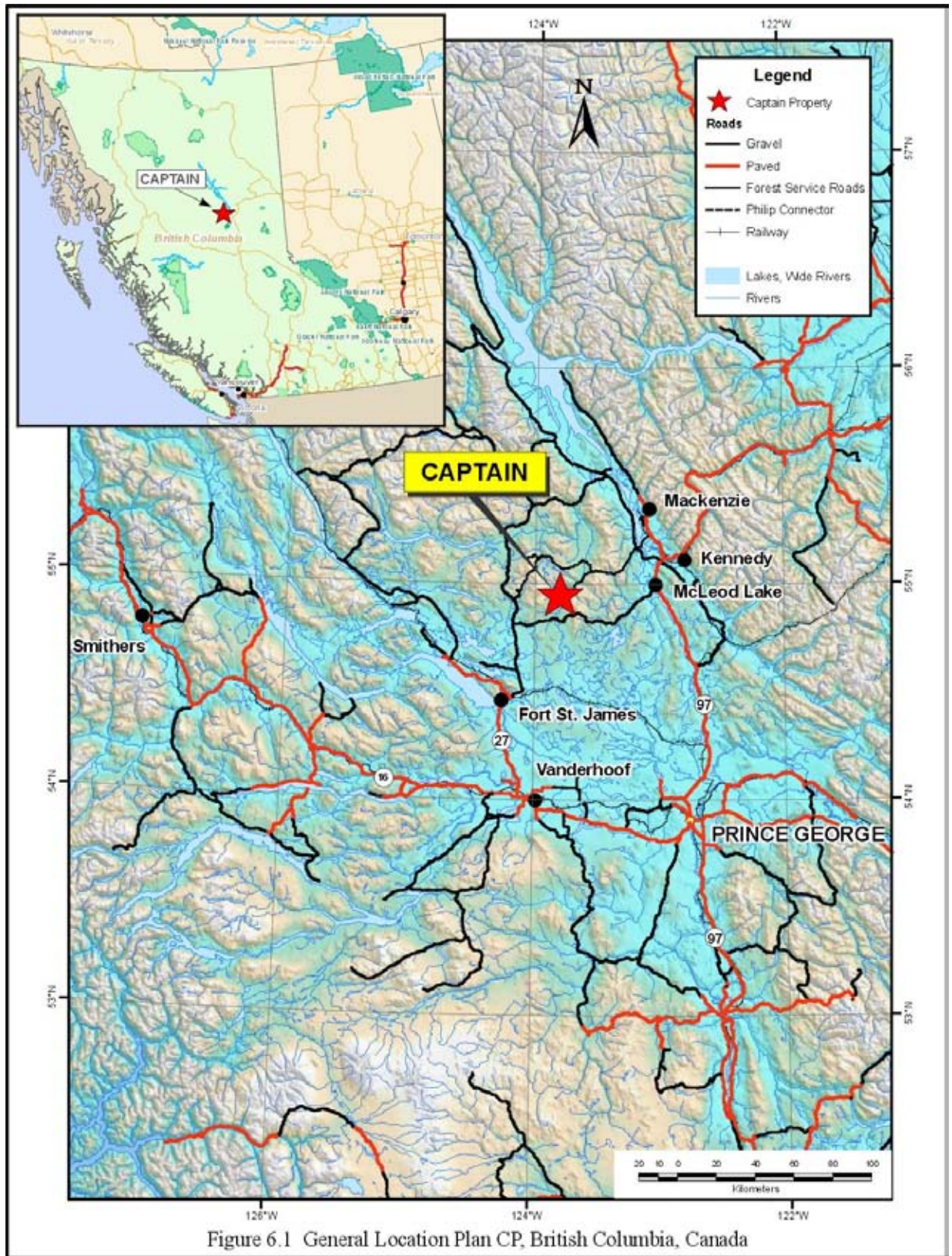


Figure 1. General Location Plan Captain Property.

Figure 2. Captain Claim Map

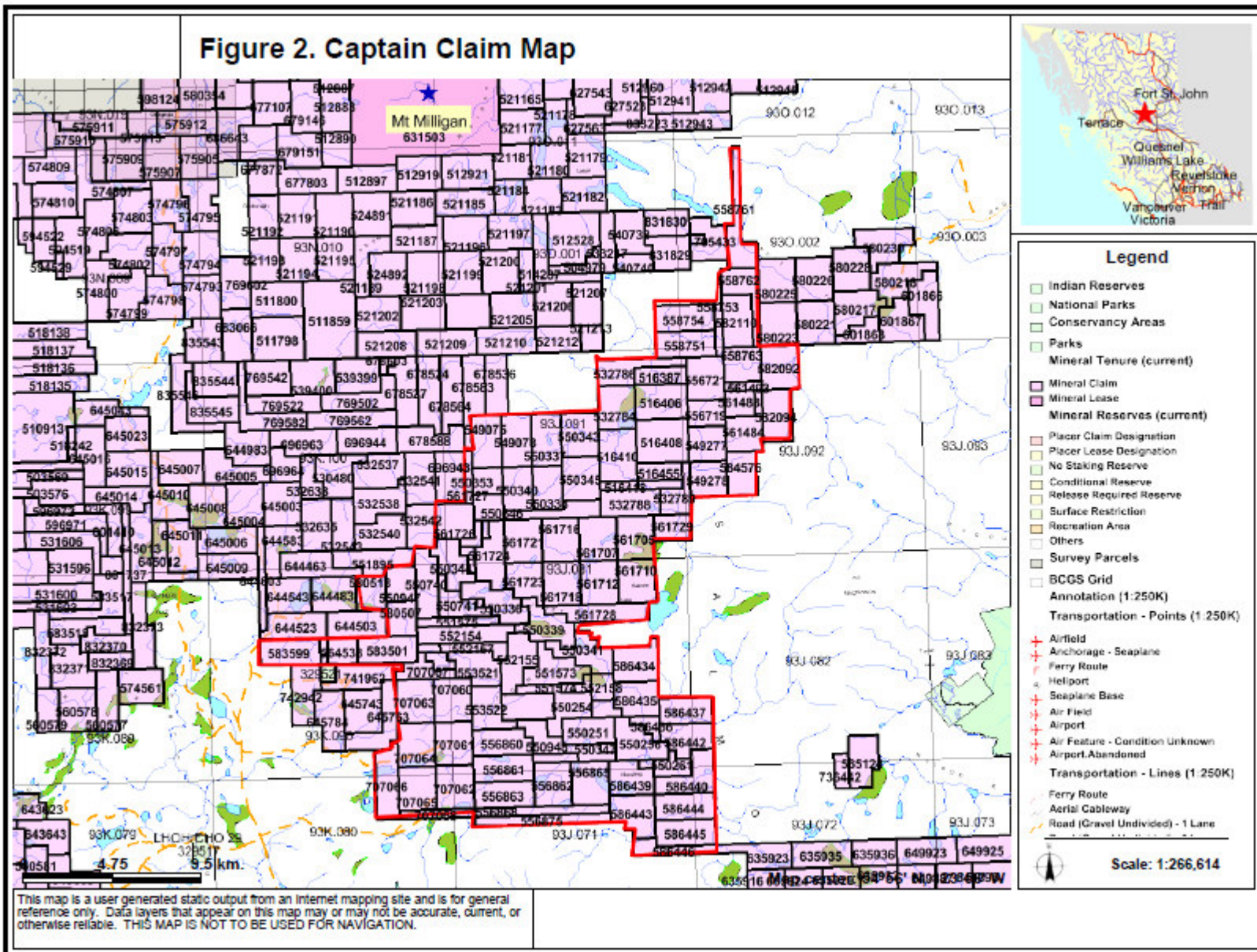


Table 1. Captain Property Titles

Tenure Number	Claim Name	Map Number	Issue Date	Good To Date	Area (ha)
516387		093J	2005/jul/08	2010/dec/31	259.821
516406		093J	2005/jul/08	2015/aug/15	519.803
516408		093J	2005/jul/08	2015/aug/15	650.054
516410		093J	2005/jul/08	2015/aug/15	557.277
516418		093J	2005/jul/08	2012/aug/15	92.913
516420		093J	2005/jul/08	2015/aug/15	111.495
516455		093J	2005/jul/08	2015/aug/15	222.956
532784	CAPTAIN 19	093J	2006/apr/20	2012/aug/15	464.134
532786	CAPTAIN 20	093J	2006/apr/20	2010/dec/31	408.256
532788	CAPTAIN 21	093J	2006/apr/20	2010/dec/31	446.073
532789	CAPTAIN 22	093J	2006/apr/20	2010/dec/31	278.778
549073	ADMIRAL 1	093J	2007/jan/10	2011/aug/15	445.7252
549075	ADMIRAL 2	093J	2007/jan/10	2011/aug/15	445.7226
549277	CAPTAIN 23	093J	2007/jan/13	2012/aug/15	371.4794
549278	CAPTAIN 24	093J	2007/jan/13	2010/dec/31	371.6321
550248		093J	2007/jan/25	2012/aug/15	391.2316
550251	COMMODORE	093J	2007/jan/25	2010/dec/31	391.3517
550254	COMMODORE 1	093J	2007/jan/25	2012/aug/15	465.7453
550256	COMMODORE 2	093J	2007/jan/25	2010/dec/31	465.9656
550257	COMMODORE 3	093J	2007/jan/25	2010/dec/31	130.4182
550261	COMMODORE 4	093J	2007/jan/25	2010/dec/31	205.0841
550336	FATHOM	093J	2007/jan/26	2015/aug/15	465.1711
550337	ADMIRAL 3	093J	2007/jan/26	2010/dec/31	445.7245
550338	ADMIRAL 4	093J	2007/jan/26	2010/dec/31	371.6475
550339	FATHOM 1	093J	2007/jan/26	2012/aug/15	465.3058
550340	ADMIRAL 5	093J	2007/jan/26	2010/dec/31	371.6474
550341	FATHOM 2	093J	2007/jan/26	2010/dec/31	428.2275
550343	ADMIRAL 6	093J	2007/jan/26	2010/dec/31	464.2742
550344	FATHOM 3	093J	2007/jan/26	2012/aug/15	390.5644
550345	ADMIRAL 7	093J	2007/jan/26	2010/dec/31	464.5133
550346	ADMIRAL 8	093J	2007/jan/26	2010/dec/31	334.5768
550347	COMMODORE 5	093J	2007/jan/26	2010/dec/31	37.2792
550348	COMMODORE 6	093J	2007/jan/26	2010/dec/31	37.2867
550353	ADMIRAL 9	093J	2007/jan/26	2010/dec/31	222.9644
550354	FATHOM 4	093J	2007/jan/26	2015/aug/15	18.6071
550740	FATHOM 5	093K	2007/jan/30	2012/aug/15	427.8603
550741	FATHOM 6	093J	2007/jan/30	2015/aug/15	316.3181
550947	FATHOM 7	093K	2007/feb/01	2010/dec/31	297.6391
550948	COMMODORE 7	093J	2007/feb/01	2010/dec/31	465.9599
550949	COMMODORE 8	093J	2007/feb/01	2010/dec/31	111.8495
551573	COMMODORE 7	093J	2007/feb/10	2015/aug/15	465.5454
551574	COMMODORE 8	093J	2007/feb/10	2012/aug/15	93.1282
551575	FATHOM 8	093J	2007/feb/10	2015/aug/15	204.7192
552154	COMMODORE 9	093J	2007/feb/16	2012/aug/15	465.3413
552155	COMMODORE 10	093J	2007/feb/16	2015/aug/15	446.874

Tenure Number	Claim Name	Map Number	Issue Date	Good To Date	Area (ha)
552157	COMMODORE 11	093J	2007/feb/16	2012/aug/15	204.7855
552158	COMMODORE 12	093J	2007/feb/16	2010/dec/31	167.6352
552555	ADMIRAL 10	093J	2007/feb/23	2010/dec/31	223.0329
553521	COMMODORE 13	093J	2007/mar/04	2015/aug/15	409.6622
553522	COMMODORE 14	093J	2007/mar/04	2010/dec/31	409.8737
556719	CAPTAIN 26	093J	2007/apr/20	2012/aug/15	278.5092
556721	CAPTAIN 25	093J	2007/apr/20	2015/aug/15	463.9915
556860	PLUS 1	093J	2007/apr/20	2010/dec/31	428.6799
556861	PLUS 2	093J	2007/apr/20	2010/dec/31	447.4551
556862	PLUS 3	093J	2007/apr/20	2010/dec/31	466.1841
556863	PLUS 4	093J	2007/apr/20	2010/dec/31	447.5942
556865	PLUS 5	093J	2007/apr/20	2010/dec/31	466.1797
556868	PLUS 6	093J	2007/apr/20	2010/dec/31	335.7588
556875	PLUS 7	093J	2007/apr/20	2010/dec/31	335.7937
558751	SALMON 2	093J	2007/may/16	2010/dec/31	445.2493
558753	SALMON 3	093J	2007/may/16	2010/dec/31	111.2952
558754	SALMON 1	093O	2007/may/16	2010/dec/31	445.1125
558761	SALMON 4	093O	2007/may/16	2010/dec/31	463.1673
558762	SALMON 5	093O	2007/may/16	2010/dec/31	389.3642
558763	SALMON 6	093J	2007/may/16	2010/dec/31	371.1362
560302	HEADING 1	093J	2007/jun/07	2010/dec/31	92.963
561484	CAPTAIN 28	093J	2007/jun/28	2010/dec/31	371.4412
561488	CAPTAIN 27	093J	2007/jun/28	2010/dec/31	222.7847
561493	CAPTAIN 29	093J	2007/jun/28	2010/dec/31	92.8078
561495	CAPTAIN 30	093J	2007/jun/28	2010/dec/31	55.6961
561705	BRIDGE 1	093J	2007/jun/29	2010/dec/31	464.8454
561707	BRIDGE 2	093J	2007/jun/29	2011/aug/15	464.8433
561710	BRIDGE 3	093J	2007/jun/29	2010/dec/31	465.0822
561712	BRIDGE 4	093J	2007/jun/29	2010/dec/31	465.0804
561716	BRIDGE 5	093J	2007/jun/29	2010/dec/31	464.84
561718	BRIDGE 6	093J	2007/jun/29	2010/dec/31	465.0771
561721	BRIDGE 7	093J	2007/jun/29	2010/dec/31	464.8418
561723	BRIDGE 8	093J	2007/jun/29	2010/dec/31	372.0455
561724	BRIDGE 9	093J	2007/jun/29	2011/aug/15	464.9264
561725	BRIDGE 10	093J	2007/jun/29	2010/dec/31	74.3884
561726	HEADING 2	093J	2007/jun/29	2010/dec/31	371.777
561727	HEADING 3	093J	2007/jun/29	2010/dec/31	111.4761
561728	BRIDGE 11	093J	2007/jun/29	2010/dec/31	465.2444
561729	BRIDGE 12	093J	2007/jun/29	2010/dec/31	278.8784
564538	LYNX 1	093K	2007/aug/14	2010/dec/31	223.4034
564539	LYNX 2	093K	2007/aug/14	2010/dec/31	37.2321
564540	LYNX 3	093K	2007/aug/14	2010/dec/31	18.6189
580507	KEEL 1	093K	2008/apr/05	2010/dec/31	297.7608
580510	KEEL 2	093K	2008/apr/05	2010/dec/31	55.8497
580512	KEEL 2	093J	2008/apr/05	2010/dec/31	111.7164
580513	KEEL 4	093K	2008/apr/05	2010/dec/31	297.6714
582092	NORTHEASTER 1	093J	2008/apr/21	2010/dec/31	463.9431
582094	NORTHEASTER 2	093J	2008/apr/21	2010/dec/31	445.6371
582110	NORTHEASTER 3	093O	2008/apr/21	2010/dec/31	445.1352

Tenure Number	Claim Name	Map Number	Issue Date	Good To Date	Area (ha)
583501	LYNX 2	093K	2008/may/02	2010/dec/31	446.8019
583599		093K	2008/may/04	2010/dec/31	446.8111
584576	DECK 1	093J	2008/may/19	2010/dec/31	371.6128
586434	ANCHOR 1	093J	2008/jun/16	2010/dec/31	465.531
586435	ANCHOR 2	093J	2008/jun/16	2010/dec/31	428.4658
586436	ANCHOR 3	093J	2008/jun/16	2010/dec/31	130.4442
586437	ANCHOR 4	093J	2008/jun/16	2010/dec/31	391.2697
586439	ANCHOR 5	093J	2008/jun/16	2010/dec/31	410.222
586440	ANCHOR 6	093J	2008/jun/16	2010/dec/31	466.1598
586442	ANCHOR 7	093J	2008/jun/16	2010/dec/31	410.0332
586443	ANCHOR 8	093J	2008/jun/16	2010/dec/31	466.3531
586444	ANCHOR 9	093J	2008/jun/16	2010/dec/31	447.6687
586445	ANCHOR 10	093J	2008/jun/16	2010/dec/31	447.8057
586446	ANCHOR 11	093J	2008/jun/16	2010/dec/31	261.2672
707060	TALL SHIP 1	093J	2010/feb/24	2011/feb/24	465.7083
707061	TALL SHIP 2	093J	2010/feb/24	2011/feb/24	465.9623
707062	TALL SHIP 3	093J	2010/feb/24	2011/feb/24	466.2032
707063	TALL SHIP 4	093K	2010/feb/24	2011/feb/24	465.7122
707064	TALL SHIP 5	093K	2010/feb/24	2011/feb/24	465.9683
707065	TALL SHIP 6	093K	2010/feb/24	2011/feb/24	466.2089
707066	TALL SHIP 7	093K	2010/feb/24	2011/feb/24	466.182
707067	TALL SHIP 8	093J	2010/feb/24	2011/feb/24	242.0786
707068	TALL SHIP 9	093J	2010/feb/24	2011/feb/24	186.54

roads lead into several areas of the property, portions of which have been clear-cut logged. BC Ministry of Forests maps show that alternate road access to the property exists from the town of Mackenzie via the Williston Lake causeway and a system of forest service and company logging roads.

The writer reviewed road access to the property from both Fort St. James and Mackenzie. Although the driving time from both communities is about equal, the route from Fort St. James, which follows well-maintained highway and forest service roads, is the better of the two access routes into the property.

Fort St. James provides a local source of labor and basic supplies and services necessary for exploration programs. The city of Prince George, a further two hours drive via paved Highways 27 and 16, provides geochemical laboratory service, drilling contractors and a larger supply center.

4.0 TOPOGRAPHY, VEGETATION & CLIMATE

The property is located in gently sloping plateau areas with rounded summits typical of the Nechako Plateau of north-central British Columbia. Topography consists of rolling low hills with elevations ranging from about 900 m to 1,100 m. The property lies in the headwaters area of the Salmon River which drains out from Windy Lake (North Salmon Lake) in the northern part of the property.

The claims area is heavily forested with spruce, fir and pine. Much of the pine forests have been killed by pine beetle infestations over the past ten years. Tag alder occurs in some areas of up to several hectares. Small lakes, ponds and swampy areas are common in low-lying areas.

The climate in the region is characterized by short, cool summers and relatively cold winters. Climate statistics (AMEC, 2006) from the nearby Mt. Milligan project indicate total annual precipitation to be 730 mm and the minimum and maximum monthly mean temperatures to be -15.2° C and 14.8° C in December and July respectively.

Snow conditions persist from late October to the end of April, but with winter maintenance of the access road, exploration work can be conducted throughout the year.

5.0 HISTORY

The following historical description is divided into prior work on various parts of the Captain Property.

5.1 Prior Ownership and Exploration Activity

Exploration activity on the CP began in 1985 when prospector Richard Haslinger Sr. of Fort St. James discovered copper mineralization along the banks of the Salmon River in the northern part of the present CP. In 1987, prospector Gerry Klein located copper and molybdenum-bearing float in the northeastern part of the CP. These two discoveries, staked as the Windy and PM properties respectively, led to several major exploration programs being carried out in the CP area by Placer Dome Inc., Noranda Exploration and others during the period 1985-96. Past exploration expenditures on the CP total about C\$1,400,000.

Exploration work carried out by previous operators on the Windy and PM portion of the CP is summarized as follows:

Windy Property:

- 1985: Brinco Limited completed a soil geochemical survey over an area trenched by Richard Haslinger immediately north of the Salmon

- River. Brinco concluded that alteration, rock types and mineralization are compatible with a porphyry style of mineralization.
- 1986-90: Placer Dome Inc. optioned the Windy property in August 1986 and expanded their land holdings by staking additional legacy claims to the north and northeast. Work completed by Placer in 1986-90 included: soil geochemical, ground magnetometer, VLF-EM and IP surveys; the excavation of 11 trenches totaling 686 m; and the drilling of 15 NQ core holes totaling 2,180 m. In 1990, Placer optioned claims immediately to the west of Windy from Tex Gold Resources Ltd. and carried out a program of soil geochemical, ground magnetometer and VLF-EM surveys.
 - 1991: Big Bar Gold Corp. farmed into Placer's option on the Windy property and funded a drilling program consisting of 24 percussion holes (total meterage unknown).
 - 1996: Columbia Gold Mines Ltd. optioned the Windy property and drilled 8 NQ core holes totaling 547 m.
 - 2003: The Windy property lapsed in July and was re-staked as the Captain claims in November by Brian Bowen and Gordon Richards.
 - 2004-06: Bowen and Richards carried out modest assessment work programs consisting of MMI geochemical sampling and prospecting on the Captain claims.
 - 2007: Bowen and Richards staked a large block of MTO cell claims east, west and south of the original claims. The claims to the east cover the old Alpha and PM properties. Those to the west and south were staked to cover various geochemical and geophysical targets underlain by favourable Quesnel Terrane geology. All claims were subsequently acquired by ORS through a Property Purchase Agreement between ORS (the Purchaser) and Ruanco Enterprises Ltd., Gordon Richards and Brian Bowen (collectively, the Vendors) dated April 30, 2007.

PM Property:

- 1988: Noranda Exploration optioned Mr. Klein's PM property in (what is now) the northeast part of the CP and completed a small soil geochemical survey in the area of mineralized float.
- 1989-91: Noranda flew an airborne EM-magnetic survey over the property and also completed soil geochemical, ground magnetic and IP surveys and geological mapping.

- 1996: Guinet Management optioned the PM property, completed soil geochemistry and prospecting surveys on it and then drilled 27 percussion holes totaling 1,149 m.

Alpha Property:

- 1987: The Alpha claims, located between and contiguous with the Windy and PM properties, were staked in March by Mr. E.S. Peters of Vancouver, B.C. In October, a program of prospecting and soil, silt and rock geochemical sampling was completed under the supervision of John Poloni, P. Eng.
- 1989-91: Noranda optioned the Alpha claims and completed soil geochemical, ground magnetic and IP surveys.
- 1994: The Alpha claims lapsed and were re-staked in part by Hudson Bay Exploration & Development Co. Ltd. and in part by Talisman Silver Corporation. The former conducted prospecting traverses and collected a few rock samples for analyses. The latter completed a program of geological mapping in areas of copper +/- gold soil anomalies identified by Noranda.

5.2 Other Past Exploration Activity

Other Captain claims to the west and south of the original claims include the Admiral-Heading, Bridge and Commodore-Fathom-Plus Claims. During the period 1981-91, Noranda Exploration, Selco Inc., two junior mining companies and one individual carried out a variety of exploration programs in these property areas. A brief summary of the types of work, results and associated costs are presented below.

Admiral-Heading claims in west portion of the Property:

Work done on the Admiral-Heading claims by Placer Dome Inc. (1990) and Anthian Resource Corp. (1990) includes airborne and ground magnetometer surveys, a ground VLF survey, grid soil geochemistry, prospecting and geological mapping. Cost of the work totaled approximately C\$100,000. Soil geochemistry outlined a copper anomaly, measuring about 1 km long by 200-300 m wide, with some associated gold values, in the western part of the Admiral-Heading claims area. The anomaly is coincident with a magnetic high anomaly identified in both airborne and ground surveys. Prospecting and geological mapping identified some pyrite and traces of chalcopyrite in the anomalous area which has limited bedrock exposure.

Bridge claims in the central portion of the Property:

Companies or individuals who carried out work in the Bridge claims area include Selco Inc. (1981-82), Mr. E.S. Peters (1987), Noranda

Exploration (1989-91) and Taseko Mines Ltd. (1990). Work done includes ground magnetometer and EM surveys, silt sampling, prospecting, grid soil geochemistry, an induced polarization survey and the drilling of one diamond drill hole to test a ground EM conductor. Past expenditures total about C\$90,000.

Ground magnetometer surveys outlined a magnetic high in an area of heavy drift cover south of the Salmon River. Readings from a small induced polarization survey over the magnetic high were considered unreliable. Some silt samples taken from streams draining this general area returned anomalous gold values to 550 ppb. Soil geochemical surveys did not identify any significant copper-gold anomalies, although it was noted in the reports that the effectiveness of conventional soil sampling in areas of heavy drift cover is limited. Prospecting did not locate any mineralized showings; this work was hampered by heavy drift cover which covers a good portion of the Bridge claims area. EM surveys identified a number of conductors, one of which was tested by a single drill hole, 89 m in length. In the drill hole, which cuts a sequence of intercalated black shale and limy wacke, “geochemical values do not rise significantly above background” (AR 11258).

Commodore-Fathom-Plus claims in the southern portion of the Property

Noranda Exploration carried out several work programs on the previously located Tsil property in the western part of the Commodore-Fathom-Plus claims area during the period 1986 and 1988-91. The work, which cost about C\$120,000, included an airborne magnetic/resistivity survey, ground magnetometer and induced polarization surveys, grid soil geochemistry, silt sampling, prospecting, geological mapping and the drilling of five reported diamond drill holes in two separate grid areas to test IP chargeability anomalies with anomalous Cu-Au soil support.

The airborne survey identified a number of magnetic highs which have been confirmed by ground magnetic surveys and may be associated with possible buried, mineralized alkalic stocks. In one magnetic high area, soil geochemistry outlined a copper anomaly measuring about 700 x 500 m with values in the 100-200 ppm range, coincident with an IP chargeability anomaly. Anomalous gold-in-soil values occur in several grid locations, but in general sampling produced scattered and erratic gold results. This may reflect the variable depth and character of overburden in the area. Prospecting and geological mapping identified relatively weak propylitic alteration with pyrite, traces of chalcopyrite and weak copper-gold rock geochemical values near the northeast flank of an IP chargeability anomaly in another part of the property.

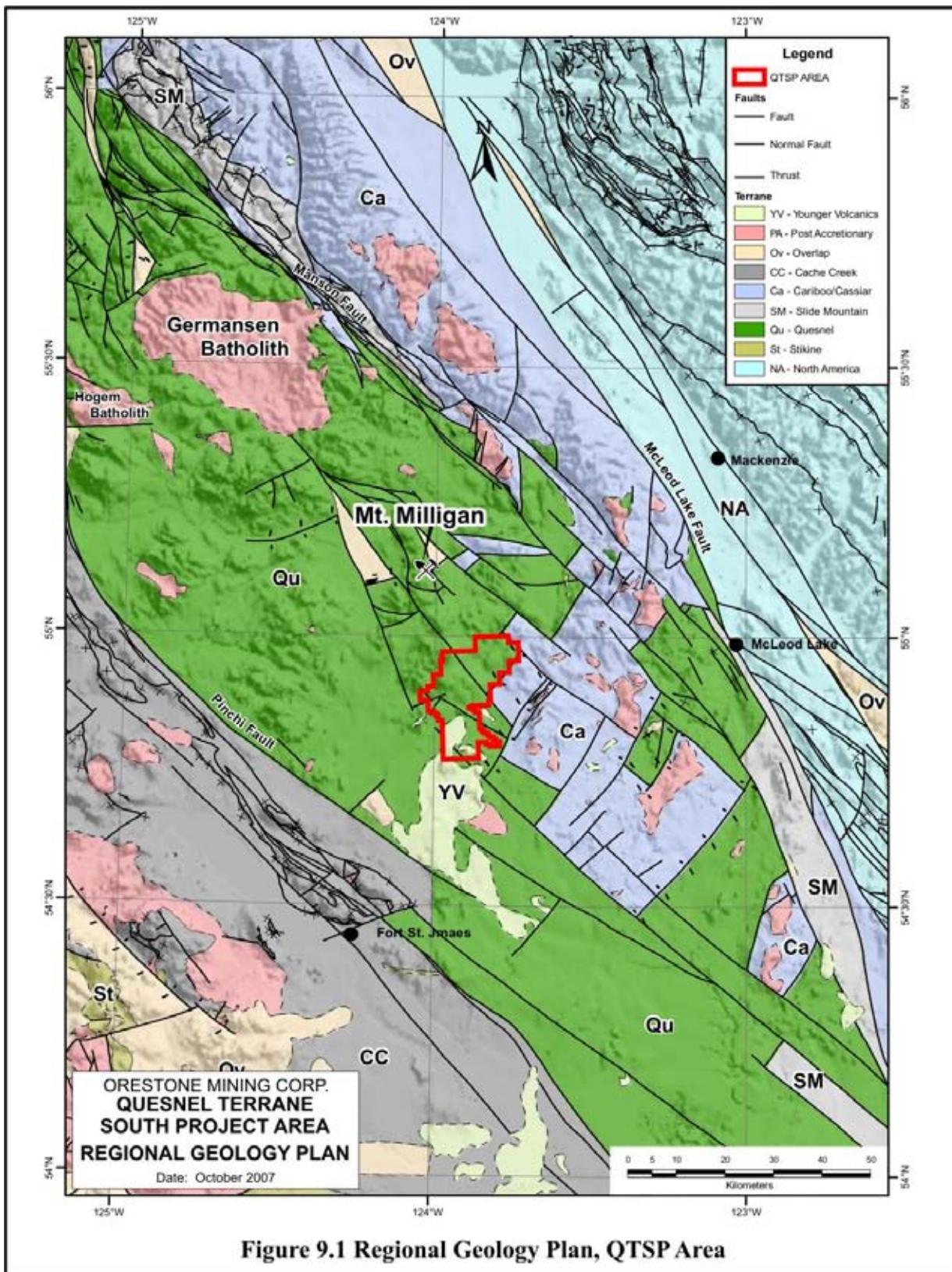


Figure 9.1 Regional Geology Plan, QTSP Area

Figure 3. Regional Geological Plan, Captain Property Area.

Five diamond drill holes tested two areas of anomalous IP chargeability response on the Tsil property; no results are available in assessment reports. Gord Maxwell, the geologist who supervised Noranda's past work at Tsil, informed Mr. Bowen (personal communication, 2007) that "although the drill holes encountered variably pyritized rock, no significant copper or gold values were obtained".

6.0 GEOLOGICAL SETTING. Figure 3.

The property lies within Quesnel Terrane, part of the Intermontane Belt. The latter is comprised of low metamorphic grade magmatic arc segments consisting of mixed oceanic and continental affinities, and oceanic plates, which amalgamated with North America in Early Jurassic Period.

Quesnel Terrane is characterized by a Late Triassic to Early Jurassic magmatic arc complex that formed along or near the western North American continental margin. Takla Group volcanic and sedimentary rocks comprise the majority of Quesnel Terrane in the map area. Comagmatic intrusions of similar age cut the volcano-sedimentary rocks. The geological setting represented by these lithologies is known to host many alkaline copper-gold porphyry deposits in British Columbia.

Quesnel Terrane is in contact to the east with Proterozoic and Paleozoic carbonates and siliciclastics of Cassiar Terrane, representing part of the ancestral North American miogeocline. In places the Quesnel and Cassiar terranes are separated by an intervening assemblage of Late Paleozoic oceanic rocks assigned to Slide Mountain Terrane. The boundary between the Quesnel and Cassiar terranes is a complex structural zone that includes Early Jurassic, east-directed thrust faults that juxtapose Quesnel Terrane above Cassiar Terrane. These east-directed faults and related folds are locally overprinted by somewhat younger west-directed structures that reverse this stacking order, as well as by dextral strike-slip and normal faults that formed in Cretaceous and early Tertiary time (Schiarizza, 2005).

To the west Quesnel Terrane is in fault contact with Late Paleozoic through mid-Mesozoic oceanic rocks of the Cache Creek Terrane, interpreted to be part of the accretion-subduction complex that was responsible for generating the Quesnel magmatic arc. Younger rocks commonly found in the region include Cretaceous granitic stocks and batholiths, Upper Cretaceous to Eocene Wolverine Metamorphic Complex rocks, Eocene volcanic and sedimentary rocks, and flat-lying basalt of both Neogene and Quaternary age.

7.0 EXPLORATION CONCEPT

To date, no mineral resources have been defined on the property. There are, however, widespread copper, gold and lesser molybdenum occurrences in float, outcrop and historic drill holes indicative of two possible styles of mineralization:

1. a porphyry or bulk mineable-type similar to those present on the nearby Mt. Milligan property.
2. a structurally-controlled style of mineralization resulting in a deposit morphology which is more planar and elongate than the porphyry-type.

The Mt. Milligan deposits are alkalic copper-gold porphyry deposits that are associated with alkaline igneous rocks. They commonly consist of stockworks, veinlets and disseminations of pyrite, chalcopyrite, bornite and magnetite that occur in large zones of economically bulk-mineable mineralization in or adjoining porphyritic intrusions of diorite to syenite composition.

In selecting priority drill targets for a porphyry-type deposit, it is best to utilize geophysical methods such as induced polarization (IP) and magnetics, supported by multi-element soil geochemical data. IP can be used to outline large volumes of iron sulphide-bearing rock associated with base and precious metals mineralized centers. Magnetics can identify concentrations of magnetite commonly associated with alkaline stocks and zones of potassically-altered, copper, gold and molybdenum-bearing rock. Multi-element soil geochemical surveys have been successful in locating near surface mineralization. For structurally-controlled deposits, the VLF-EM geophysical method can aid in the interpretation of a mineralized structure's planar orientation.

8.0 WORK CONDUCTED BY ORESTONE 2007 to 2009.

During the months of June and July, 2007, ORS completed programs of Mobile Metal Ion ("MMI") soil geochemical, induced polarization (IP) and ground magnetic surveys on the Windy and PM portions of the property and an MMI survey on the Commodore portion of the property. Cost of the work totaled \$150,844.86. The IP survey filled in areas between previous IP surveys by Placer and Noranda to form complete chargeability and resistivity patterns for this area. These patterns formed the basis for diamond drilling of five holes during Feb to April 2008.

During 2008 ORS conducted additional IP surveys on lines located across magnetic highs identified from government airborne surveys. These

lines were located southwest of the Windy portion of the property with many of them in the southern Commodore portion of the property.

In June to August, 2009 ORS conducted a percussion drill program of 27 holes to test targets identified from all the above mentioned surveys but particularly the IP anomalies. Twenty of these holes penetrated bedrock. Many holes explained IP chargeability highs by the presence of pyrite. One hole at the southeast limit of drilling, PDH 09-02, intersected argillic-pyrite alteration with elevated Cu and Au values.

In December 2009, five diamond drill holes were completed to test targets that could not be tested by the percussion drilling program because of excessively deep overburden. It is the results of this diamond drilling that form the basis for this report.

9.0 CURRENT WORK. DIAMOND DRILLING

The program began with plowing Newland Enterprises of Ft St James plowing out the Cripple-Germansen Forest Service Road from the North Road northeasterly for about 20 km to the junction of the 400 and 600 forestry roads. A skid-mounted diamond drill, drilling equipment and D6 dozer-equipped tractor crawler were moved onto the property Dec 7, 2009, by Radius Drilling Corp, 9390 Rock Island Road, Prince George, B.C., V2N 5T4.

Drilling commenced on the night shift on Dec 9 at a site about 1300 metres from the creek used as a water supply. Temperatures below -30* made use of this waterline too difficult to continue. The hole was abandoned and the drill moved to another drill site about 300 m from the creek. This hole, DDH 09-01 was collared on Dec 11, 2009. Intense cold and freezing waterline eventually led to using a 3000 gallon water truck supplied by BV Water Services of Houston B.C. and two heated water tanks with 3000 and 4000 gallon capacity. Four holes were drilled along the Cripple-Germansen FSR with DDH 09-04 completed on Dec 23, 2009.

The McLeod-Tsilcoh FSR was plowed of snow on Dec 26 by Hat Creek Logging on Dec 26 starting at the North Road and heading easterly for about 20 km. The drill, equipment, tractor crawler and water tanks were moved by low bed to the vicinity of DDH 09-05 on Dec 27. Drilling commenced in the morning of Dec 28 and was completed at 7 am on Dec 31. All equipment was removed from the property on Dec 31 to Ft St James for eventual demob to Prince George and Houston.

Figure 4. Southwest Captain Drill Hole Location Map

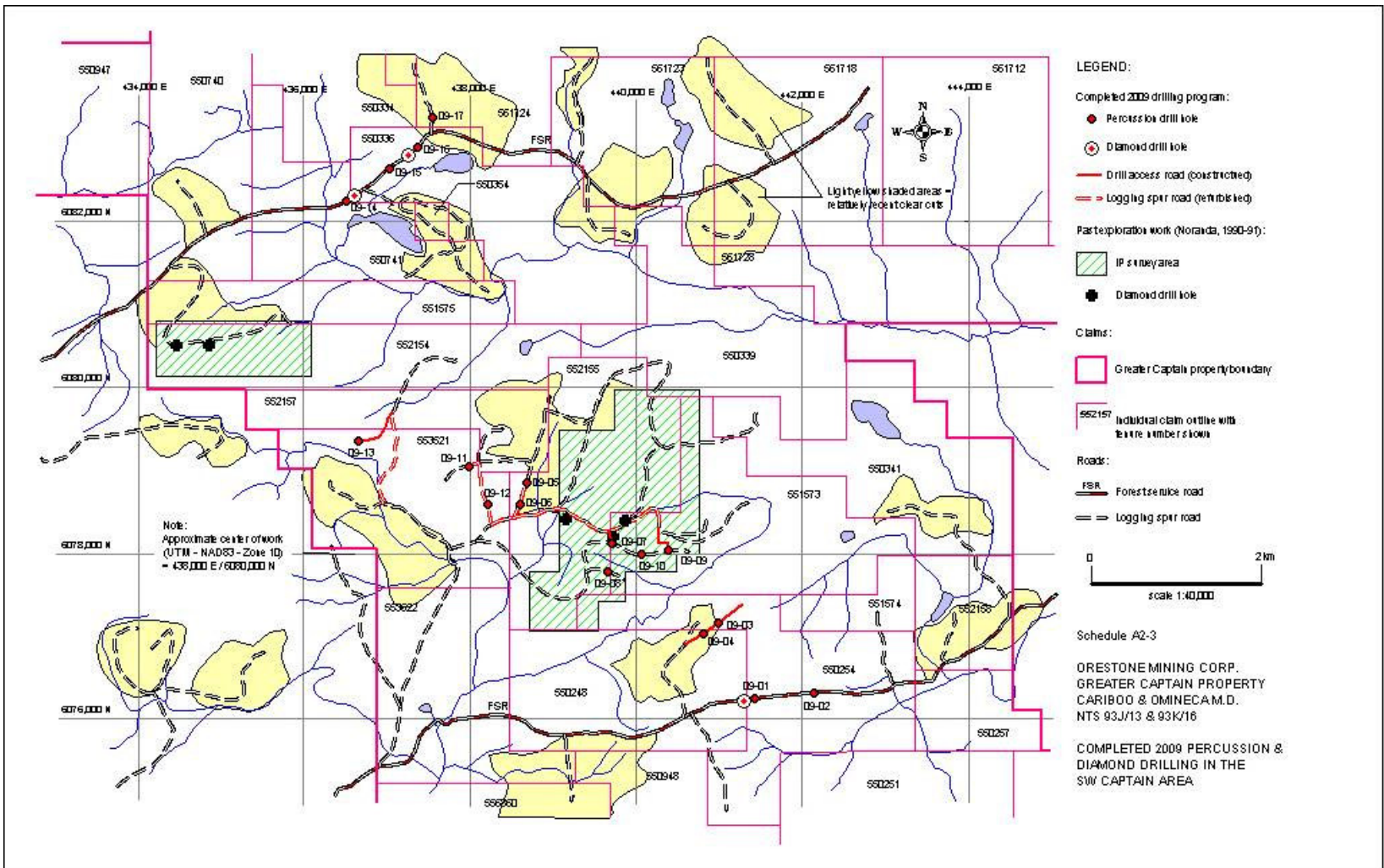
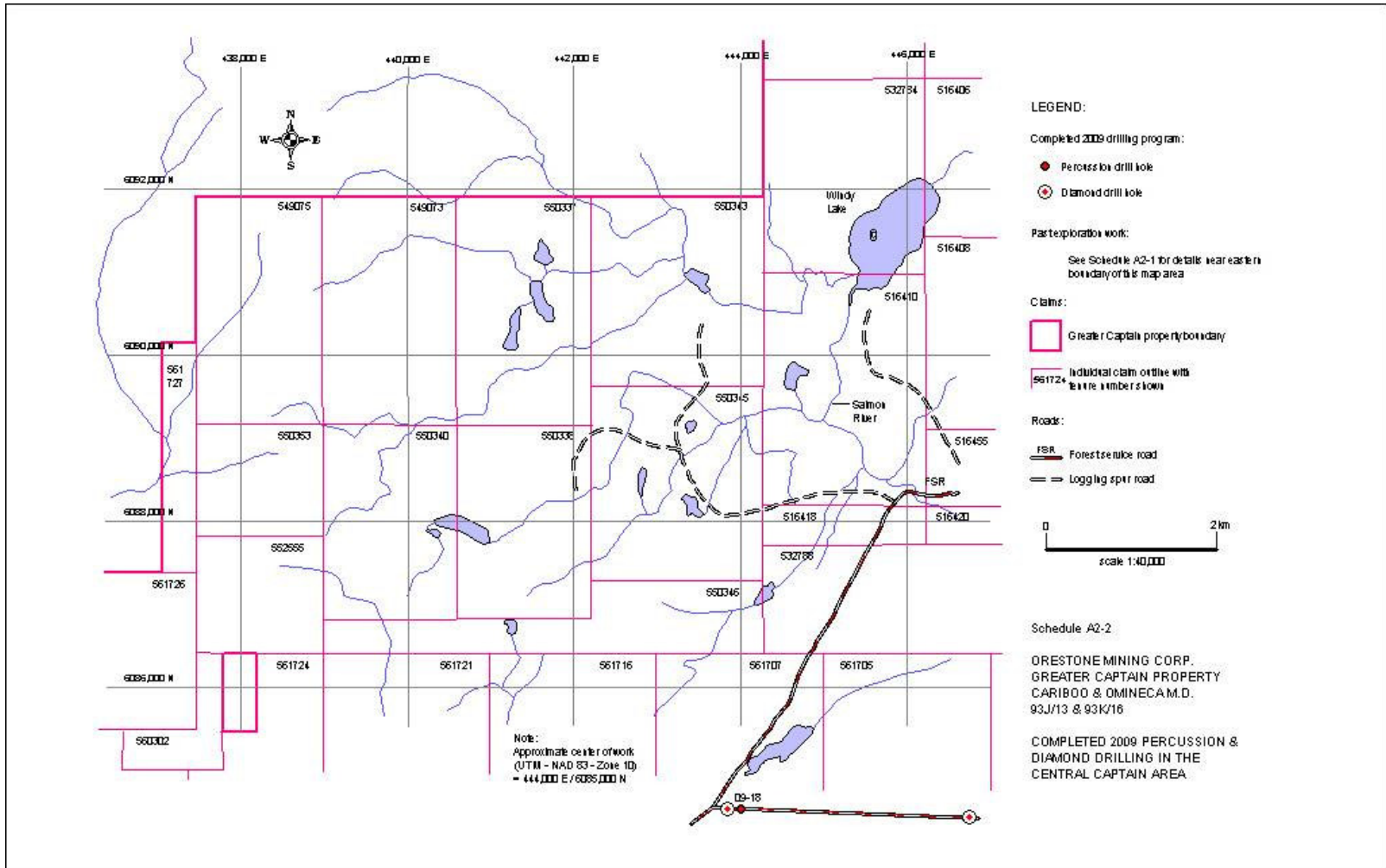


Figure 5. Central Captain Drill Hole Location Map.



Figures 4 and 5 above show the locations of the five diamond drill holes as well as all previous percussion and diamond drill holes on the property. Some pertinent data on the drill holes is provided below.

Table 2

Captain Property - Drill Hole Data
DDH 09-01 to 09-05

Hole #	Total Depth (meters)	Dip	NAD 83 (Zone 10) East	NAD 83 (Zone 10) North
DDH 09-01	144.1	-90	436,553	6,082,331
DDH 09-02	140.2	-90	437,368	6,082,943
DDH 09-03	158.5	-90	443,990	6,084,594
DDH 09-04	34	-90	446,710	6,084,452
DDH 09-04A	60	-90	446,541	6,084,452
DDH 09-05	137.1	-90	441,292	6,076,271

All five drill holes were drilled vertically using NQ drill steel. Drill logs, assay logs with Cu and Au values, and complete assay results are provided in Appendices. Core was logged and split in an unheated shed situated across from the Ft St James High School and owned by Mr John

Helweg of Ft St James. Only selected sections of core were split based on pyrite content and alteration. Core was split with an anvil type core-splitter. A three-tag assay book was used with one tag placed back in the core box with the saved portion of the split core, another tag placed in the plastic sample bag containing the split core for analyses and the third tag left in the book with a brief description of the sampled core. Core was shipped via Greyhound Bus service to Acme Labs, 1020 Cordova St East, Vancouver, V6A 4A3. Core from the first four holes, 09-01 to 09-04 is stored on the property at UTM NAD83 437,380/6,083,085. Core from hole 09-05 is stored at the side of the core-logging shed in Ft St James.

In Vancouver core was prepared using Acme's R200-250 procedure where the core is crushed, split and a 250 g sample pulverized to -200 mesh. Samples were analyzed using Acme's 1DX method where a 15 gram split of the prepared sample is digested in 1:1:1 Aqua Regia and analyzed by ICP-MS. Results are in an Appendix.

10.0 CONCLUSIONS AND RECOMMENDATIONS.

Five diamond drill holes were completed in the course of the work program to test chargeability high anomalies defined from a 2008 IP survey. Four holes reached bedrock. Hole 09-01 intersected a clastic volcanic unit that was somewhat pelitic. Pyrite content was low and local but graphite could be present in the pelitic sections and thus be the cause of the chargeability high. Hole 09-02 intersected felsic tuff overlying tuffaceous siltstone. Pyrite content was about 1% and is probably the cause of the chargeability high anomaly. Hole 09-03 intersected phyllite. Pyrite content was 2-6% and is probably the cause of the chargeability high anomaly. Hole 09-04 and 09-04A were drilled close together and failed to reach bedrock. Hole 09-05 intersected feldspar porphyry tuff, breccias and volcanoclastics. Pyrite content was <1/2 to 2% in the tuff and volcanoclastics and 5% in the breccias and is the probable cause of the chargeability high anomaly.

Only hole 09-05 returned assays with anomalous gold and copper. There was an apparent increase in grade of both metals with depth but only nine samples were collected. The bottom 3.1 m of the hole was split and returned a weighted average of 0.16% Cu and 0.34 g/t Au. The anomalous values for both Cu and Au throughout the nine samples associated with a large chargeability anomaly on the east side of a pronounced aeromagnetic

high make the area under and around the hole a prime target for locating an alkali porphyry Cu-Au deposit like the Mt Milligan deposit 20 km north.

It is recommended that;

1. The remaining core of DDH 09-05 be split in its entirety,
2. An IP survey be undertaken in the area around DDH09-05 extending across the aeromagnetic high and its west side to provide assistance in defining drill targets.
3. An Ah soil sample survey like that conducted for the B.C. Geological Survey on the Kwanika deposit in Open File 2009-03, be undertaken to assist in defining drill targets.
4. DDH 09-05 be redrilled to a deeper level to determine if higher grades exist like those encountered in the bottom of the hole.

11.0 COST STATEMENT

Time:

G Richards (Geologist)- Dec 10-22, ½ 23, 28-Jan 1 18 1/2 days @ \$630/day	\$11,655.00
Howard Sam (Sampler)- Dec 22, 28, 30 3 days @ \$250/day	750.00
Bill Howell (geologist)- Dec ½ 6, 7-10 4 ½ days @ \$630/day	2,835.00

Transportation:

Airfares: Vcr-PGeorge	\$1,146.59
Bus P George-Ft St James + taxi	91.00
Truck Rental: BowMac	2,522.68
Gas and diesel - truck rentals	962.70
Freight	210.60

Room and Board:

Meadowview Lodge meals	1,500.00
Motel	2,064.68
Food	345.64

Supplies:

Core Shack Rental: John Helweg	500.00
Newland Ent Ltd: open Cripple FSR (snow)	6,352.50
Randy Alexander: open McLeod-Tsilcoh FSR (snow)	8752.55
Bulkley Valley Water: water truck and two heated tanks	19,152.00
Drill: (Radius Drilling, Prince George, B.C.)	99,684.95
Low Bed (various): Water tanks from Houston, Equip from Pr George	4,948.00
Acme Analytical Labs: assays	1,421.99
Report:	6,000.00

TOTAL \$ 164,556.06

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12.0 STATEMENT OF QUALIFICATIONS.

I, Gordon G Richards, with business address at 6410 Holly Park Drive, Delta, B.C., V4K 4W6, do hereby certify that:

1. I am a Consulting Geological Engineer registration number 11,411 with the Association of Professional Engineers and Geoscientists of British Columbia since 1978.
2. I hold a B.A.Sc. (1968) in Geology from The University of British Columbia, and an M.A.Sc. (1974) in Geology from The University of British Columbia.
3. I have been practicing my profession as a geologist for over 40 years and as a consulting geological engineer since 1985. I have work experience in western areas of the United States, Alaska, Canada, Mexico and Africa.
4. I have based this report on my supervision of the drilling program on the property during Dec 10, 2009 to Jan 1, 2010, and from on-site supervision of an assistant during this time period.
5. I have written this report based on results of the fieldwork described and references cited.

Respectfully submitted,

Gordon G Richards P.Eng.

From (m)	To (m)	Lithology	Graphic Column	Structure, Alteration & Mineralization			Average Rec.
				Sub Interval	CA	Remarks	
0	91	<u>OVERBURDEN</u>					
91	144.17	<u>COARSE CLASTIC VOLCANIC</u>				Andesite-basalt fragments with variable texture. Mafic phenos in frags are common 1 mm fespars form 55 of some frags. Some aphanitic clasts. No obvious bedding. Pelitic component to groundmass common Mottled texture of chloritized mafic phenos and groundmass is common. Alteration: chloritization throughout. Calcite fractures and veins irregular throughout. Epidotization of clasts (partial to complete) occurs locally throughout associated with hematite fractures to 2 mm. Pyrite occurs above 109 m over lengths of up to 20 cm but usually over 10 cm or less. Occurs as disseminations to 1/2%.	
				92.4-92.55		pyrite-calcite vein 70* to core axis with epidote envelope to 2 cm and one bleb 1/2 cm chalcopyrite. Hematite veinlets and more commonly fracture smears throughout sometimes with epidote. Hematite often forms a mosaic of crackle fractures of hematite over 15 cm.	
				92.55-95.1		formational or structural breccia with shears 45*-70* to core axis with hematite-epidote-chlorite bedding? With shearing parallel 45*-60* CA	
				115-117		Shear planes 50* CA common throughout hole	
		End of Hole at 144.17m.					

83.51	158.49	<u>TUFFACEOUS SEDIMENTS</u>
		variable medium grey with
		much greenish sections, very
		pale-grey and green-grey
		sections. Stretched greenish
		fragments occur throughout.
		Foliation much weaker than
		above section. Few phyllite
		sections 113.5-115.5, 122.5-
		127.0, 155-158 m.
		83.51-100.5 green (chl-epd)
		andesitic tuff (?) with few
		fragments to lapilli size all
		somewhat sheared. Other
		greenish grey metatuff(?)
		sections occur sporadically
		throughout.
		130.6-134.5 breccia unit with
		obvious fragments is badly
		broken.
		End of Hole 158.49 m

			Much less pyrite and only locally than section above.
			Pyrite occurs in local sections otherwise <<1%
			125.19-125.27 70% pyrite with white matrix (calcite?)
			125.33-125.34 as above.
			140-158.49 5-10% qtz locally much higher
			146.5-146.9 30% qtz
			148.4-151.5 20% qtz
			157.8-158.49 30% qtz
			qtz veins are parallel to foliation 2mm - 5cm wide
			chlorite-epidote is moderate in andesitic sections
			Foliation attitudes:
	103 m		71*
	113 m		65*
	127 m		64*
	137 m		74*
	150 m		80*
	156 m		65*

Orestone Mining Corp.

Captain Property

Hole Number: DDH 09-04 & 0904 and 04A

2009Diamond Drill Hole Record

Page: 1

From (m)	To (m)	Lithology	Graphic Column	Structure, Alteration & Mineralization			Average Rec.
				Sub Interval	CA	Remarks	
0	34	<u>OVERBURDEN</u>				Hole 09-04	
		Hole abandoned.					
		Bedrock not reached					
		End of Hole 34 m					
0	60	<u>OVERBURDEN</u>				Hole 09-04A	
		Hole abandoned.					
		Bedrock not reached					
		End of Hole 60 m					

n

Orestone Mining Corp.
Captain Property

Hole Number: DDH 09 - 05

2009Diamond Drill Hole Record

Page: 1

From (m)	To (m)	Lithology	Graphic Column	Structure, Alteration & Mineralization			Average Rec.
				Sub Interval	CA	Remarks	
0	45.75	<u>OVERBURDEN</u>					
45.75	51.91	<u>ARGILLITE</u>					
		leached mudstone to 48 m					
		irregular shearing 48-51.91 m	48-51.91		1-2% pyrite		
51.91	109.1	<u>FELDSPAR PORPHYRY</u>					
		Unit is tuff to volcanic sandst			Local pyrite veinlets and diss pyrite: 1-2% locally.		
		with fragments to 5 mm but			Magnetite diss throughout as 3-7%. Below 77 m		
		generally less than 1 or 2 mm.			magnetite is sporadic.		
		Fspars are 1-3 mm forming			Calcite veining very common to 1-2 mm with irregular		
		10-30% of rock. Rare fspars			attitudes. Many are irregular discontinuous seams.		
		appear as shards.			Pyrite <1/2% except short sections 1-2%. Cpy rare as		
		77-83.5 m fspar texture more			fine disseminations and thin streaks.		
		fragmental.			77-83.5 m magnetite is sporadic and bleached		
		83.5-109.1 massive feldspar			sections present.		
		porphyry with uniform texture			83.5-109.1 disseminated magnetite 3-5%. Pyrite-		
		Rare fragments to 2 cm. Some			calcite forms reaction rims on some fragments and		
		pink calcite amygdules(?)			feldspars. Mafics non chloritized.		
		with gypsum up to 3% of some			Bedding rare: 85.1 m 61* CA		
		sections.					
109.1	111.64	<u>BRECCIA</u>					
		"marbled" breccia. Soft with			very minor local magnetite		
		very fine pyrite matrix with cpy.					
		Up to 15% py but 5% overall.					
		Fragments have diffuse					
		borders giving marble					
		appearance.					
111.64	111.8	<u>FAULT ZONE</u>			no magnetite		
		badly broken. Shears 50* CA					

CAPTAIN PROPERTY, December, 2009 Diamond Drill Holes 09-01 to 09-05 except 09-04 (did not reach bedrock)

1DX15 1DX15

m	m		Cu ppm	Au ppb	
Interval	Length	Sample	0.1	0.5	
Diamond Drill Hole 09-01					
92.4-92.55	0.15	812251	1070.5	25.1	0.5 to 1 cm wide py vein with calcite and with epd envelope
Diamond Drill Hole 09-02					
35.08-36.58	1.5	812252	75.5	<0.5	dacite bxia with 2-4% grey qtz vnltts and some white qtz vnltts
39.10-41.10	2	812253	92	<0.5	fragmental dacite, 4% white qtz, 2% grey qtz
43.3-45.4	2.1	812254	90.9	<0.5	3-5% yellow qtz, 1-2% white qtz, 1-2% grey qtz
57.5-59.0	1.5	812255	112	0.6	4% white to 1-2 cm, 1% dark to 1-2 cm
59.0-61.0	2	812256	101.4	11.3	2% white qtz, 1% hailine grey qtz
61.0-63.0	2	812257	111.6	1.4	3-4% grey hailine qtz, 1% white qtz
63.0-65.0	2	812258	101.7	0.8	1% white qtz, 3% dark qtz, silicifd porph dacite frags to 10 cm at 63.1 to 63.4 m
65.0-67.0	2	812259	100.4	<0.5	2% white, 4% grey qtz vnltts
67.0-69.0	2	812260	109.7	<0.5	1% white, 1-2% dark qtz vnltts
69.0-71.0	2	812261	106.1	<0.5	1/2 % grey qtz, 1/2 % white qtz
71.0-73.0	2	812262	101.6	0.6	1% white, 1-25 grey qtz
73.0-75.0	2	812263	85.9	<0.5	1% white (one 4-5 cm), 1/2-1% grey hairline qtz.
75.0-77.0	2	812264	90.6	<0.5	5% white to 2 cm, 3% hairline dark to 1 or 2 cm
77.0-79.0	2	812265	93.4	6.6	5% white, 1-2% dark, white later than dark
79.0-81.0	2	812266	102	<0.5	5% white, 2-3% dark
81.0-83.0	2	812267	103.9	<0.5	4% white, 2% dark, white later
83.0-85.0	2	812268	75.4	<0.5	3% white, 2-4% dark qtz
85.0-87.0	2	812269	68.1	<0.5	3-4% white, 5-7% dark to 3 cm
87.0-89.0	2	812270	75.5	21.5	2% yellow, 2% white, 2-3% dark
89.0-90.3	1.3	812271	82.9	2.8	1% white, 1/2% dark
90.3-90.9	0.6	812272	12.3	1.7	shearing and bxia, 3% white, 5-8% dark. Hard section
90.9-91.7	0.8	812273	80.9	1.8	limonitic argillite and tuff, badly broken and soft
100.0-101.0	1	812274	63.2	<0.5	5% white, 205 argillite very minor py
101.0-102.1	1.1	812275	56.8	<0.5	4% white qtz, start green tuff @ 102.1
118.0-119.0	1	812276	39	<0.5	7-8% white qtz, tuffaceous ss
128.0-129.8	1.8	812277	84.9	<0.5	5% white qtz
138.71-140.21	1.5	812278	44.4	<0.5	6-7% white qtz, 30% argillite

Diamond Drill Hole 09-03**Cu ppm Au ppb**

34.8-36.6	1.8	812279	114	23.3	4% carb vnlt and smears, 3% py-diss and lamellae
46.63-48.13	1.5	812280	125.5	3.4	7% py, phyllite, 4% carb vns
48.76-49.98	1.22	812281	129.6	4	.38 m of core, 10% py, high carb (15%?) matrix
54.58-56.08	1.5	812282	134	5.1	10% py, 5% calcite
64.0-65.5	1.5	812283	123.9	9.5	7-9% py, 4% carb, finely banded dark grey to very pale grey sed
70.1-71.32	1.2	812284	114.8	2.6	5-8% py (diss & lamellae), well banded, more competent
76.2-76.56	0.36	812285	168.3	171.8	continuous core, 5% py, 5% qtz, 5-10% carb matrix, soft and crumbly
76.56-78.06	1.5	812286	44.1	31.8	5-8% py finely lamellar, competent
82.0-83.51	1.51	812287	88.4	5.7	1-2% diss py, very pale green chloritic, transitional contact zone
105.37-106.37	1	812288	108.1	8.1	greenish grey foliated metased, 1% py, low vnlt
123.56-124.66	1.1	812289	126.6	4.1	pale grey finely laminated phyllite, 1% diss py, one 2 cm qtz vein
125.19-125.27	0.08	812291	37.5	1.5	70% coarse py mosaic, white carb matrix, uniform texture
148.43-150.03	1.6	812292	82.2	3.6	15% qtz vns 2mm-5cm, no sulphide
157.39-158.49	1.1	812293	81.5	113.6	25-30% qtz to 3 cm

Note: Drill Hole 09-04 failed to reach bedrock**Diamond Drill Hole 09-05****Cu ppm Au ppb**

45.75-49.05	3.3	812294	176.8	29.2	poor recovery, limonitic, bxia texture
49.05-51.91	2.86	812295	147	79.3	sheared, broken, soft, bxia, 1-2% py, poor recovery
51.91-54.86	2.95	812296	129.9	30.6	soft, bxiated, sheared, broken, poor recovery
54.86-56.40	1.54	812297	120.9	20.6	broken, 1-2% py, 60% recovery
56.40-57.50	1.1	812298	821.9	162.7	solid core, 2 qtz veins 0.5 & 1.5 cm irregular
82.97-84.07	1.1	812299	168.8	47.5	volc ss, one 1-cm qtz calcite vein, 1-2% py tr cpy
84.07-85.34	1.27	812300	146	33.6	volc ss, tr cpy, 2% diss py, one qtz-calcite vein 1 cm
85.34-86.36	1.02	812301	149.5	47.1	continuous core, tr cpy, 1-2% py, one qtz calcite veir
109.12-110.12	1	812302	545.2	83.8	start marbled section to 111.82, 1-5% fine py. Very hard first 30 cm
134.13-135.03	0.9	812303	2172.5	358	marbled texture. High sulphide matrix bxia. Soft 5-10% py, local cpy.
135.03-136.23	1.2	812304	721.2	333.3	marbled like above
136.23-137.23	1	812305	2086.2	345.7	solid core, less marbled-more blotchy, 1-4% fine py local cpy



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

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Client: Orestone Mining Corp.
975 - 163rd Street
Surrey BC V4A 9T8 Canada

Submitted By: Gordon Richards
Receiving Lab: Canada-Vancouver
Received: December 29, 2009
Report Date: January 15, 2010
Page: 1 of 3

CERTIFICATE OF ANALYSIS

VAN09006357.1

CLIENT JOB INFORMATION

Project: CAPTAIN
Shipment ID:
P.O. Number
Number of Samples: 42

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	42	Crush split and pulverize 250g drill core to 200 mesh			VAN
1DX2	42	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 90 days

ADDITIONAL COMMENTS

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

Invoice To: Orestone Mining Corp.
975 - 163rd Street
Surrey BC V4A 9T8
Canada

CC: B.K. (Barney) Bowen



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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

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 975 - 163rd Street
 Surrey BC V4A 9T8 Canada

Project: CAPTAIN
 Report Date: January 15, 2010

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CERTIFICATE OF ANALYSIS

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Method Analyte Unit MDL	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
812251	Drill Core	0.52	0.5	1071	10.7	65	0.5	19.5	116.4	1313	7.91	5.6	0.3	25.1	0.4	177	0.3	0.7	0.2	150	8.27
812252	Drill Core	4.16	0.4	75.5	5.4	73	<0.1	16.2	27.5	1046	4.82	0.9	0.1	<0.5	0.4	69	0.1	0.7	<0.1	113	2.36
812253	Drill Core	6.35	0.5	92.0	1.7	67	<0.1	21.6	25.5	729	4.30	6.6	0.1	<0.5	0.3	28	<0.1	7.8	<0.1	94	1.63
812254	Drill Core	6.56	0.3	90.9	3.4	67	<0.1	47.6	26.6	765	4.53	6.0	0.1	<0.5	0.4	41	<0.1	15.5	<0.1	103	1.84
812255	Drill Core	4.76	0.5	112.0	3.6	80	0.1	28.4	30.6	1201	5.92	5.7	0.2	0.6	0.7	62	0.1	0.4	<0.1	214	3.48
812256	Drill Core	3.74	0.7	101.4	8.4	84	0.2	39.8	31.2	1025	5.45	7.4	0.1	11.3	0.4	58	0.1	0.7	<0.1	147	2.51
812257	Drill Core	6.68	0.8	111.6	2.3	74	0.1	20.8	26.0	896	5.00	5.2	0.2	1.4	0.5	68	0.1	1.1	<0.1	144	2.08
812258	Drill Core	6.08	0.3	101.7	2.3	75	<0.1	17.9	24.2	885	4.94	1.4	0.1	0.8	0.4	49	<0.1	0.9	<0.1	136	2.24
812259	Drill Core	6.21	0.8	100.4	3.5	78	<0.1	13.2	24.0	899	4.95	2.8	0.1	<0.5	0.5	58	0.2	1.0	<0.1	137	2.45
812260	Drill Core	6.76	0.7	109.7	3.3	70	<0.1	20.7	25.8	842	4.86	4.4	0.1	<0.5	0.5	47	0.1	1.9	<0.1	138	2.47
812261	Drill Core	5.54	0.8	106.1	2.5	75	<0.1	13.8	23.4	991	5.16	3.9	0.2	<0.5	0.5	49	<0.1	0.8	<0.1	150	2.30
812262	Drill Core	6.56	0.7	101.6	1.9	82	<0.1	14.0	25.4	1063	5.01	4.0	0.1	0.6	0.4	74	<0.1	0.9	<0.1	137	1.76
812263	Drill Core	6.47	0.3	85.9	2.9	65	<0.1	11.9	24.1	955	4.83	4.0	0.1	<0.5	0.4	75	<0.1	1.1	<0.1	136	2.67
812264	Drill Core	5.94	0.9	90.6	3.0	76	<0.1	17.7	24.3	1205	5.33	12.2	0.1	<0.5	0.6	147	0.1	1.3	<0.1	161	4.45
812265	Drill Core	6.28	0.6	93.4	4.0	74	<0.1	17.5	25.9	1168	5.38	9.0	0.2	6.6	0.6	172	0.1	1.3	<0.1	172	5.14
812266	Drill Core	6.53	0.7	102.0	2.6	81	<0.1	15.8	26.3	1170	5.84	11.3	0.2	<0.5	0.6	125	0.1	0.8	<0.1	204	4.70
812267	Drill Core	6.06	0.4	103.9	1.7	74	<0.1	12.6	23.6	1042	5.10	3.5	0.2	<0.5	0.5	66	<0.1	0.8	<0.1	150	2.17
812268	Drill Core	6.22	0.5	75.4	3.0	81	<0.1	26.4	24.8	1131	5.07	14.7	0.1	<0.5	0.5	150	0.2	0.9	<0.1	136	3.65
812269	Drill Core	6.16	0.8	68.1	5.5	82	0.3	29.6	24.0	1085	5.48	10.4	0.1	<0.5	0.6	223	0.2	0.6	<0.1	127	4.55
812270	Drill Core	6.57	1.0	75.5	32.8	158	0.9	53.4	25.0	1270	5.16	20.6	<0.1	21.5	0.5	356	1.8	0.7	<0.1	90	5.68
812271	Drill Core	4.18	0.5	82.9	8.7	57	1.1	22.5	24.1	1359	5.24	33.9	0.1	2.8	0.6	234	0.2	0.3	<0.1	98	3.89
812272	Drill Core	1.82	0.8	12.3	2.6	30	0.3	92.2	24.8	1301	4.07	50.0	0.2	1.7	0.5	241	0.2	2.3	<0.1	33	7.51
812273	Drill Core	1.63	0.9	80.9	23.5	102	1.4	25.3	23.7	979	4.38	70.9	0.3	1.8	1.1	55	3.7	2.1	<0.1	52	2.41
812274	Drill Core	2.80	1.3	63.2	57.1	179	0.7	24.9	16.7	511	3.38	18.5	0.3	<0.5	1.0	175	2.5	1.2	<0.1	22	3.72
812275	Drill Core	2.91	1.3	56.8	33.8	112	0.6	17.1	13.1	507	2.75	17.3	0.3	<0.5	1.1	143	1.2	0.8	<0.1	18	4.14
812276	Drill Core	2.85	0.6	39.0	8.3	76	0.1	23.2	16.3	641	3.52	10.6	0.2	<0.5	0.8	115	0.3	0.6	<0.1	64	2.92
812277	Drill Core	6.02	0.6	84.9	7.9	56	0.2	23.3	21.5	790	4.09	10.7	0.2	<0.5	0.6	154	<0.1	0.5	<0.1	95	5.39
812278	Drill Core	3.68	0.8	44.4	17.8	130	0.6	27.9	17.8	800	3.65	16.6	0.2	<0.5	0.8	282	1.7	0.5	<0.1	33	3.79
812279	Drill Core	5.86	2.6	114.0	4.7	48	<0.1	41.5	34.0	1014	5.00	11.2	<0.1	23.3	0.1	158	0.2	0.6	<0.1	25	5.89
812280	Drill Core	4.08	0.5	125.5	4.3	51	<0.1	38.6	34.4	1007	5.64	9.5	<0.1	3.4	0.2	44	0.1	0.4	<0.1	86	2.49

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Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

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Project: CAPTAIN
 Report Date: January 15, 2010

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CERTIFICATE OF ANALYSIS

VAN09006357.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	
812251	Drill Core	0.095	3	22	1.27	37	0.174	1	1.16	0.019	0.22	0.3	0.95	8.9	0.1	4.68	4	5.3
812252	Drill Core	0.106	4	26	2.27	45	0.172	<1	2.96	0.018	0.03	0.3	0.01	5.4	<0.1	<0.05	7	0.5
812253	Drill Core	0.105	3	33	1.90	19	0.110	3	2.59	0.013	0.03	0.2	<0.01	2.4	<0.1	<0.05	6	<0.5
812254	Drill Core	0.117	3	42	2.33	35	0.155	3	2.92	0.014	0.03	0.2	<0.01	3.3	<0.1	<0.05	7	<0.5
812255	Drill Core	0.138	4	59	2.62	58	0.129	1	3.41	0.012	0.04	0.2	<0.01	7.5	<0.1	<0.05	11	<0.5
812256	Drill Core	0.129	3	52	2.51	22	0.161	1	3.16	0.011	0.05	0.2	<0.01	3.4	<0.1	<0.05	8	<0.5
812257	Drill Core	0.138	3	18	1.83	37	0.214	3	2.76	0.021	0.07	0.2	<0.01	3.4	<0.1	0.14	7	<0.5
812258	Drill Core	0.135	3	16	1.85	42	0.139	2	2.66	0.012	0.05	0.1	<0.01	4.3	<0.1	0.11	6	<0.5
812259	Drill Core	0.153	4	9	1.85	35	0.146	<1	2.65	0.010	0.05	0.2	<0.01	2.6	<0.1	0.27	6	<0.5
812260	Drill Core	0.138	4	29	1.89	29	0.170	<1	2.70	0.016	0.05	0.2	<0.01	3.6	<0.1	0.21	7	<0.5
812261	Drill Core	0.148	4	11	1.70	81	0.178	2	2.76	0.022	0.04	0.2	<0.01	3.0	<0.1	0.12	8	<0.5
812262	Drill Core	0.140	4	12	1.90	48	0.184	1	2.76	0.016	0.05	0.2	<0.01	2.9	<0.1	0.13	6	<0.5
812263	Drill Core	0.131	3	10	1.75	40	0.210	3	2.79	0.025	0.04	0.2	<0.01	3.6	<0.1	0.06	7	<0.5
812264	Drill Core	0.140	5	22	2.02	29	0.128	1	2.90	0.014	0.07	0.1	<0.01	6.2	<0.1	0.07	10	<0.5
812265	Drill Core	0.145	5	20	2.10	28	0.139	<1	3.06	0.014	0.07	0.2	<0.01	6.1	<0.1	0.06	9	<0.5
812266	Drill Core	0.146	5	16	2.26	25	0.153	<1	3.28	0.014	0.06	0.2	<0.01	8.3	<0.1	0.12	11	<0.5
812267	Drill Core	0.147	4	10	1.79	72	0.155	2	2.69	0.018	0.03	0.2	<0.01	3.9	<0.1	<0.05	8	<0.5
812268	Drill Core	0.140	4	51	2.15	28	0.086	2	2.82	0.009	0.06	<0.1	<0.01	5.4	<0.1	0.07	8	<0.5
812269	Drill Core	0.143	6	41	2.30	45	0.022	<1	3.18	0.011	0.11	<0.1	<0.01	5.2	<0.1	0.12	9	<0.5
812270	Drill Core	0.136	4	72	2.69	29	0.003	<1	2.55	0.006	0.11	<0.1	<0.01	6.8	<0.1	0.33	7	<0.5
812271	Drill Core	0.139	4	25	2.59	26	0.003	2	2.13	0.015	0.08	<0.1	<0.01	10.5	<0.1	0.16	6	0.6
812272	Drill Core	0.079	4	96	2.09	111	0.001	<1	1.22	0.005	0.13	<0.1	<0.01	8.1	<0.1	<0.05	2	1.0
812273	Drill Core	0.118	4	13	0.99	211	0.001	1	1.27	0.009	0.16	0.3	<0.01	4.5	0.1	0.31	2	2.8
812274	Drill Core	0.076	4	36	1.15	66	0.001	2	1.40	0.006	0.19	<0.1	0.04	3.9	<0.1	0.86	3	1.0
812275	Drill Core	0.084	4	10	0.81	63	<0.001	<1	1.16	0.009	0.17	<0.1	0.02	1.7	<0.1	0.96	2	0.6
812276	Drill Core	0.072	4	57	1.52	37	0.027	<1	1.96	0.008	0.08	<0.1	<0.01	3.0	<0.1	0.13	6	<0.5
812277	Drill Core	0.082	3	57	1.92	59	0.057	5	2.50	0.009	0.10	<0.1	<0.01	8.3	<0.1	0.16	6	0.5
812278	Drill Core	0.089	3	29	1.65	73	0.002	1	1.18	0.013	0.19	<0.1	0.02	4.6	0.1	0.44	3	<0.5
812279	Drill Core	0.143	2	23	1.26	38	0.001	4	1.39	0.002	0.14	0.1	0.10	2.2	0.1	4.72	3	2.0
812280	Drill Core	0.123	6	63	3.07	46	0.003	3	2.85	0.010	0.09	<0.1	0.09	4.8	<0.1	3.54	8	3.5

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Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

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Page: 3 of 3 Part 1

CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
812281	Drill Core	1.04	2.3	129.6	2.5	22	<0.1	34.8	31.3	528	5.18	9.6	<0.1	4.0	0.1	90	0.2	0.2	3.8	11	4.54	
812282	Drill Core	4.43	4.1	134.0	4.2	37	<0.1	28.2	26.4	524	5.22	8.5	<0.1	5.1	0.2	88	0.2	0.4	<0.1	23	3.60	
812283	Drill Core	4.62	1.8	123.9	5.3	32	0.2	27.7	27.8	873	4.85	13.0	<0.1	9.5	0.3	123	<0.1	0.6	0.3	42	4.71	
812284	Drill Core	4.25	2.8	114.8	14.2	97	0.5	22.8	28.8	866	5.93	14.5	<0.1	2.6	0.2	139	0.7	3.5	<0.1	18	4.57	
812285	Drill Core	1.29	1.4	168.3	16.7	85	0.6	32.8	27.8	1862	5.87	114.6	<0.1	171.8	0.4	599	0.3	3.6	0.1	30	8.19	
812286	Drill Core	2.17	1.3	44.1	9.0	66	0.4	24.3	29.6	1455	5.85	28.4	<0.1	31.8	0.3	350	<0.1	2.3	<0.1	55	5.27	
812287	Drill Core	4.19	0.7	88.4	5.5	66	0.2	71.1	27.6	1398	5.14	25.9	0.2	5.7	0.4	207	<0.1	2.0	<0.1	108	7.10	
812288	Drill Core	2.69	0.8	108.1	3.6	73	<0.1	69.3	26.7	1216	5.39	6.3	0.1	8.1	0.4	448	<0.1	0.5	<0.1	132	7.11	
812289	Drill Core	3.76	0.7	126.6	4.6	56	<0.1	13.7	22.1	1354	4.40	18.3	0.1	4.1	0.5	539	<0.1	5.2	<0.1	45	7.86	
812291	Drill Core	0.44	28.3	37.5	5.0	15	0.3	6.0	1.5	766	31.60	220.7	<0.1	1.5	<0.1	198	<0.1	23.6	<0.1	5	3.24	
812292	Drill Core	5.19	0.7	82.2	4.3	60	<0.1	24.1	21.8	1141	4.64	6.3	0.1	3.6	0.3	404	0.1	1.5	<0.1	46	6.24	
812293	Drill Core	2.87	0.8	81.5	6.5	73	0.2	27.7	22.2	1142	4.90	338.4	<0.1	113.6	0.3	409	0.3	3.7	<0.1	22	7.24	



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CERTIFICATE OF ANALYSIS

VAN09006357.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	
812281	Drill Core	0.115	5	8	0.47	39	0.002	3	0.59	0.005	0.13	<0.1	0.33	1.4	<0.1	6.00	1	7.1
812282	Drill Core	0.136	3	20	1.02	11	<0.001	3	0.98	0.007	0.13	<0.1	0.22	1.7	<0.1	5.65	2	8.3
812283	Drill Core	0.142	4	35	1.77	14	0.002	3	1.59	0.012	0.16	<0.1	0.12	3.4	0.1	4.44	4	4.1
812284	Drill Core	0.140	3	8	0.73	34	0.002	4	0.79	0.010	0.25	<0.1	0.30	2.6	0.1	6.13	2	2.7
812285	Drill Core	0.136	5	9	2.06	68	0.002	2	1.66	<0.001	0.19	<0.1	0.06	6.7	0.1	4.35	2	2.2
812286	Drill Core	0.153	4	22	2.44	78	0.003	2	1.95	0.019	0.19	0.1	0.03	7.7	0.1	3.24	5	1.3
812287	Drill Core	0.125	5	150	3.42	35	0.072	2	2.99	0.023	0.12	0.1	0.10	8.4	0.3	1.00	10	<0.5
812288	Drill Core	0.151	5	104	2.29	496	0.009	2	2.67	0.048	0.10	<0.1	0.03	8.0	<0.1	0.50	10	0.9
812289	Drill Core	0.191	3	6	1.75	143	0.007	8	1.36	0.011	0.42	0.2	0.15	5.9	0.1	0.78	3	<0.5
812291	Drill Core	0.003	<1	2	0.76	5	0.002	1	0.08	0.002	0.01	<0.1	4.21	0.4	60.6	>10	<1	1.4
812292	Drill Core	0.127	2	20	1.97	93	0.007	3	1.34	0.032	0.24	<0.1	0.12	7.0	0.4	1.03	4	0.9
812293	Drill Core	0.120	3	9	1.92	129	0.006	6	0.84	0.003	0.23	0.2	0.10	7.0	0.2	1.16	2	1.3



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QUALITY CONTROL REPORT

VAN09006357.1

Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
Pulp Duplicates																					
812280	Drill Core	4.08	0.5	125.5	4.3	51	<0.1	38.6	34.4	1007	5.64	9.5	<0.1	3.4	0.2	44	0.1	0.4	<0.1	86	2.49
REP 812280	QC		0.6	122.0	3.9	52	<0.1	38.3	33.0	935	5.43	9.2	<0.1	2.1	0.2	43	0.1	0.3	<0.1	84	2.39
812291	Drill Core	0.44	28.3	37.5	5.0	15	0.3	6.0	1.5	766	31.60	220.7	<0.1	1.5	<0.1	198	<0.1	23.6	<0.1	5	3.24
REP 812291	QC		28.5	40.1	5.1	15	0.3	5.9	1.6	784	32.28	223.3	<0.1	<0.5	<0.1	199	<0.1	24.6	<0.1	6	3.20
Core Reject Duplicates																					
812263	Drill Core	6.47	0.3	85.9	2.9	65	<0.1	11.9	24.1	955	4.83	4.0	0.1	<0.5	0.4	75	<0.1	1.1	<0.1	136	2.67
DUP 812263	QC		0.4	85.5	3.1	68	<0.1	12.6	24.0	962	4.86	4.3	0.1	<0.5	0.4	74	0.1	1.2	<0.1	135	2.64
Reference Materials																					
STD DS7	Standard		20.9	102.6	77.0	408	0.9	52.9	8.6	616	2.36	56.1	5.3	82.5	4.8	81	6.5	6.6	5.3	83	0.96
STD DS7	Standard		21.3	100.2	70.8	406	0.9	53.3	8.6	599	2.32	53.5	5.1	61.2	4.4	77	6.1	6.6	4.9	81	0.95
STD DS7	Standard		19.0	104.2	65.6	379	0.8	53.8	8.8	568	2.19	48.0	4.7	57.7	4.2	67	6.1	5.4	4.6	77	0.92
STD DS7	Standard		20.1	106.2	68.4	383	0.8	52.7	9.4	559	2.22	49.0	4.9	56.8	4.4	69	6.3	5.7	4.6	79	0.93
STD DS7	Standard		19.6	90.5	57.1	392	0.9	57.6	8.8	572	2.33	46.6	4.3	67.1	3.8	76	6.1	5.7	4.4	74	0.94
STD DS7	Standard		18.0	87.1	52.4	378	0.9	53.5	8.6	578	2.23	44.9	3.9	58.3	3.7	72	5.9	5.3	4.2	69	0.91
STD DS7 Expected			20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84	0.93
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
Prep Wash																					
G1	Prep Blank	<0.01	0.1	1.5	2.8	46	<0.1	2.8	4.0	545	1.84	<0.5	1.5	<0.5	4.8	47	<0.1	<0.1	0.2	35	0.45
G1	Prep Blank	<0.01	0.1	1.8	2.9	46	<0.1	2.8	4.0	555	1.91	<0.5	1.9	<0.5	5.3	50	<0.1	<0.1	0.1	37	0.46



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Project: CAPTAIN
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QUALITY CONTROL REPORT

VAN09006357.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
MDL		0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
Pulp Duplicates																		
812280	Drill Core	0.123	6	63	3.07	46	0.003	3	2.85	0.010	0.09	<0.1	0.09	4.8	<0.1	3.54	8	3.5
REP 812280	QC	0.121	6	63	3.00	48	0.004	3	2.79	0.010	0.09	<0.1	0.10	4.6	<0.1	3.39	7	3.3
812291	Drill Core	0.003	<1	2	0.76	5	0.002	1	0.08	0.002	0.01	<0.1	4.21	0.4	60.6	>10	<1	1.4
REP 812291	QC	0.004	<1	2	0.78	5	<0.001	<1	0.08	0.003	0.01	<0.1	4.30	0.4	62.7	>10	<1	1.7
Core Reject Duplicates																		
812263	Drill Core	0.131	3	10	1.75	40	0.210	3	2.79	0.025	0.04	0.2	<0.01	3.6	<0.1	0.06	7	<0.5
DUP 812263	QC	0.131	3	10	1.77	40	0.183	3	2.77	0.025	0.04	0.2	<0.01	3.4	<0.1	0.06	7	<0.5
Reference Materials																		
STD DS7	Standard	0.085	13	176	0.99	408	0.123	41	0.99	0.096	0.43	4.5	0.20	2.4	4.7	0.20	5	4.5
STD DS7	Standard	0.080	13	176	0.98	396	0.118	42	0.97	0.094	0.42	4.0	0.19	2.2	4.2	0.20	5	4.2
STD DS7	Standard	0.078	12	179	0.96	344	0.114	38	0.91	0.081	0.39	3.5	0.18	2.1	4.1	0.19	4	3.9
STD DS7	Standard	0.078	13	184	0.97	375	0.120	37	0.94	0.084	0.42	3.9	0.19	2.2	3.9	0.20	4	3.8
STD DS7	Standard	0.080	12	193	1.05	411	0.101	44	0.94	0.101	0.46	3.8	0.21	2.0	4.1	0.19	5	3.4
STD DS7	Standard	0.075	11	195	0.97	384	0.100	39	0.95	0.094	0.44	3.6	0.19	1.9	4.0	0.17	5	3.2
STD DS7 Expected		0.08	12	179	1.05	370	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
Prep Wash																		
G1	Prep Blank	0.074	10	9	0.52	159	0.117	1	0.86	0.059	0.49	<0.1	<0.01	1.5	0.3	<0.05	5	<0.5
G1	Prep Blank	0.080	11	11	0.53	160	0.115	<1	0.89	0.066	0.50	<0.1	<0.01	1.5	0.3	<0.05	5	<0.5



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Submitted By: Gordon Richards
Receiving Lab: Canada-Vancouver
Received: January 05, 2010
Report Date: January 15, 2010
Page: 1 of 2

CERTIFICATE OF ANALYSIS

VAN09006403.1

CLIENT JOB INFORMATION

Project: CAPTAIN
Shipment ID:
P.O. Number
Number of Samples: 12

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	12	Crush split and pulverize 250g drill core to 200 mesh			VAN
1DX2	12	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 90 days

ADDITIONAL COMMENTS

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

Invoice To: Orestone Mining Corp.
975 - 163rd Street
Surrey BC V4A 9T8
Canada

CC: B.K. (Barney) Bowen



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



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Project: CAPTAIN
 Report Date: January 15, 2010

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CERTIFICATE OF ANALYSIS

VAN09006403.1

	Method Analyte Unit MDL	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
812294	Drill Core	2.09	2.5	176.8	4.4	28	0.2	48.6	12.7	677	5.57	15.5	0.4	29.2	1.2	667	<0.1	0.8	0.6	132	0.51	
812295	Drill Core	0.94	1.3	147.0	16.2	34	0.2	41.0	45.0	800	5.89	26.7	0.3	79.3	1.3	96	0.2	1.6	0.7	81	1.60	
812296	Drill Core	2.40	1.6	129.9	24.5	146	0.2	30.0	39.6	644	7.84	22.0	0.2	30.6	0.9	80	1.3	1.2	1.3	55	1.39	
812297	Drill Core	1.22	3.3	120.9	34.4	107	0.1	23.2	23.6	1456	4.77	9.2	0.2	20.6	0.7	94	0.6	0.7	0.7	108	3.17	
812298	Drill Core	3.46	1.4	821.9	12.3	119	0.4	12.7	20.8	2388	4.05	33.5	0.5	162.7	1.1	164	0.2	1.9	<0.1	69	5.85	
812299	Drill Core	3.51	1.4	168.8	17.1	82	0.4	12.8	25.2	2037	4.91	34.5	0.3	47.5	1.1	755	0.4	1.3	<0.1	94	6.53	
812300	Drill Core	4.27	1.1	146.0	13.6	93	0.4	11.0	21.8	1712	4.80	20.8	0.3	33.6	1.1	563	<0.1	0.6	<0.1	125	5.08	
812301	Drill Core	3.34	1.1	149.5	62.7	213	0.7	6.6	22.2	1905	5.08	36.2	0.4	47.1	1.2	671	1.1	0.6	<0.1	115	5.15	
812302	Drill Core	2.61	0.7	545.2	15.0	86	0.4	6.4	10.4	673	2.22	3.8	0.6	83.8	2.7	1876	<0.1	0.4	0.2	36	2.58	
812303	Drill Core	2.60	2.5	2173	34.6	197	0.6	10.7	17.6	1206	4.14	8.4	0.4	358.0	1.8	1248	0.2	0.8	<0.1	47	5.28	
812304	Drill Core	3.34	2.0	721.2	29.9	723	0.4	9.6	13.9	939	3.75	8.9	0.3	333.3	1.9	1027	4.5	0.6	<0.1	33	2.62	
812305	Drill Core	3.37	1.3	2086	27.6	285	0.7	11.5	17.1	1508	4.23	7.8	0.9	345.7	2.4	213	<0.1	1.0	<0.1	59	2.43	



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Project: CAPTAIN
 Report Date: January 15, 2010

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CERTIFICATE OF ANALYSIS

VAN09006403.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
MDL		0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	
812294	Drill Core	0.241	6	156	1.64	118	0.015	1	2.76	0.084	0.79	0.2	0.02	12.9	0.4	1.40	7	9.1
812295	Drill Core	0.222	6	39	1.86	19	0.007	2	2.15	0.012	0.49	0.1	0.07	6.6	0.3	4.73	6	8.7
812296	Drill Core	0.193	7	10	1.18	8	0.001	3	1.42	0.008	0.31	0.7	0.11	4.9	0.4	8.23	3	11.4
812297	Drill Core	0.161	10	19	1.50	20	0.005	3	1.68	0.019	0.30	<0.1	0.16	5.3	0.3	3.58	6	6.3
812298	Drill Core	0.166	7	2	2.00	49	0.001	5	1.09	0.013	0.30	<0.1	0.12	3.8	<0.1	1.53	3	2.0
812299	Drill Core	0.206	11	2	1.44	41	0.002	4	2.04	0.053	0.30	<0.1	0.07	4.9	0.1	3.37	7	2.5
812300	Drill Core	0.199	11	6	1.98	54	0.001	3	2.55	0.058	0.19	<0.1	0.08	5.3	0.1	2.06	8	2.0
812301	Drill Core	0.196	12	3	1.64	45	0.002	2	2.30	0.064	0.27	<0.1	0.13	5.2	0.2	2.21	8	1.7
812302	Drill Core	0.263	12	7	0.52	128	0.002	4	1.27	0.030	0.36	<0.1	0.10	2.4	0.2	0.91	3	3.7
812303	Drill Core	0.142	9	6	1.04	25	0.002	4	1.82	0.039	0.37	<0.1	0.36	2.2	0.1	4.50	4	5.9
812304	Drill Core	0.171	10	4	0.77	29	0.001	4	1.43	0.036	0.37	<0.1	0.26	2.0	<0.1	3.49	4	4.9
812305	Drill Core	0.217	12	8	1.60	85	0.004	3	2.36	0.040	0.40	<0.1	0.13	3.1	0.1	2.13	7	2.3



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1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Orestone Mining Corp.**
 975 - 163rd Street
 Surrey BC V4A 9T8 Canada

Project: CAPTAIN
 Report Date: January 15, 2010

Page: 1 of 1 Part 1

QUALITY CONTROL REPORT

VAN09006403.1

Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
Pulp Duplicates																					
812302	Drill Core	2.61	0.7	545.2	15.0	86	0.4	6.4	10.4	673	2.22	3.8	0.6	83.8	2.7	1876	<0.1	0.4	0.2	36	2.58
REP 812302	QC		0.7	560.4	16.0	87	0.5	6.6	11.1	745	2.30	4.3	0.6	102.6	2.6	2020	<0.1	0.4	0.1	37	2.64
Reference Materials																					
STD DS7	Standard		20.4	102.8	72.7	414	0.8	57.0	8.6	641	2.40	51.4	5.1	69.0	4.7	73	6.2	6.5	5.2	82	1.00
STD DS7	Standard		20.9	103.8	75.0	425	0.8	57.6	8.6	627	2.44	55.9	4.9	74.1	4.9	76	6.4	6.8	5.0	83	1.03
STD DS7 Expected			20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84	0.93
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
Prep Wash																					
G1	Prep Blank	<0.01	0.1	19.0	3.4	44	<0.1	23.0	4.9	613	1.99	<0.5	1.9	7.9	5.7	51	<0.1	<0.1	<0.1	39	0.53
G1	Prep Blank	<0.01	0.1	23.8	3.2	43	<0.1	14.9	4.1	542	1.94	0.5	2.1	1.2	6.3	57	<0.1	<0.1	<0.1	38	0.50



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 Phone (604) 253-3158 Fax (604) 253-1716

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 Surrey BC V4A 9T8 Canada

Project: CAPTAIN
Report Date: January 15, 2010

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QUALITY CONTROL REPORT

VAN09006403.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
MDL		0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	
Pulp Duplicates																			
812302	Drill Core	0.263	12	7	0.52	128	0.002	4	1.27	0.030	0.36	<0.1	0.10	2.4	0.2	0.91	3	3.7	
REP 812302	QC	0.268	13	6	0.54	144	0.002	4	1.27	0.031	0.35	<0.1	0.11	2.3	<0.1	0.93	3	2.9	
Reference Materials																			
STD DS7	Standard	0.073	13	182	1.03	405	0.113	36	1.00	0.090	0.44	4.1	0.21	2.4	4.5	0.20	4	4.0	
STD DS7	Standard	0.079	14	190	1.06	426	0.118	41	1.04	0.096	0.44	4.2	0.21	2.5	4.4	0.21	5	4.3	
STD DS7 Expected		0.08	12	179	1.05	370	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5	
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	
Prep Wash																			
G1	Prep Blank	0.085	12	13	0.60	170	0.119	<1	0.95	0.069	0.52	<0.1	0.01	1.9	0.3	<0.05	4	<0.5	
G1	Prep Blank	0.085	14	12	0.53	174	0.115	<1	0.96	0.083	0.47	<0.1	<0.01	2.0	0.2	<0.05	5	<0.5	



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Client: Orestone Mining Corp.

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Surrey BC V4A 9T8 Canada

Submitted By: Gordon Richards
Receiving Lab: Canada-Vancouver
Received: October 13, 2010
Report Date: November 01, 2010
Page: 1 of 3

CERTIFICATE OF ANALYSIS

VAN10005403.1

CLIENT JOB INFORMATION

Project: CAPTAIN
Shipment ID:
P.O. Number
Number of Samples: 37

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	37	Crush split and pulverize 250g drill core to 200 mesh			VAN
1DX2	37	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
DISP-RJT Dispose of Reject After 90 days

ADDITIONAL COMMENTS

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

Invoice To: Orestone Mining Corp.
975 - 163rd Street
Surrey BC V4A 9T8
Canada

CC:



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



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
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Project: CAPTAIN
 Report Date: November 01, 2010

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CERTIFICATE OF ANALYSIS

VAN10005403.1

Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
812306	Drill Core	2.82	2.1	436.4	11.1	133	0.4	6.3	21.1	2186	4.93	7.1	0.6	172.2	1.5	455	<0.1	0.5	<0.1	127	6.22
812307	Drill Core	3.79	4.7	142.8	7.9	95	0.2	5.8	20.5	2161	4.42	11.0	0.4	50.5	1.3	996	<0.1	0.5	<0.1	110	7.37
812308	Drill Core	3.81	0.4	99.4	3.9	86	<0.1	3.7	16.8	1656	4.12	6.5	0.5	13.2	1.5	474	0.1	0.4	<0.1	98	5.39
812309	Drill Core	6.93	3.2	128.0	4.2	89	0.1	4.6	17.7	1789	4.27	10.6	0.6	18.0	1.8	1042	<0.1	0.4	<0.1	106	4.78
812310	Drill Core	3.69	0.7	121.8	3.0	101	0.1	4.2	18.6	1865	4.33	3.4	0.5	18.3	1.6	291	<0.1	0.2	<0.1	104	4.46
812311	Drill Core	4.74	2.0	120.6	4.7	99	0.1	4.9	20.4	1883	4.45	16.5	0.4	18.0	1.7	266	0.2	0.4	<0.1	99	4.35
812312	Drill Core	3.99	3.4	121.6	6.8	74	0.3	6.1	23.1	1762	4.74	12.2	0.5	23.9	1.6	646	0.1	0.4	<0.1	141	5.41
812313	Drill Core	4.61	1.2	133.1	4.3	62	<0.1	5.0	16.7	1530	4.36	2.9	0.6	1.0	2.0	321	0.1	0.4	0.3	141	4.62
812314	Drill Core	4.24	1.7	122.4	3.1	64	<0.1	6.0	20.7	1468	4.82	2.7	0.7	1.1	1.9	274	0.1	0.2	<0.1	169	4.60
812315	Drill Core	4.75	1.7	146.3	4.3	74	0.2	6.1	20.6	1452	4.83	6.5	0.5	9.1	1.7	307	<0.1	0.3	0.1	166	3.89
812316	Drill Core	4.89	1.0	225.1	20.0	111	0.4	4.9	20.7	1954	4.69	12.8	0.7	39.7	1.9	751	0.2	0.7	<0.1	127	5.32
812317	Drill Core	3.74	1.1	153.8	16.2	124	0.3	5.7	20.4	2232	4.96	11.0	0.6	85.0	1.5	383	0.2	0.8	<0.1	162	5.23
812318	Drill Core	6.39	1.5	154.5	9.9	107	0.2	7.1	23.6	1787	5.17	21.2	0.3	42.6	1.1	735	<0.1	0.6	<0.1	182	4.73
812319	Drill Core	5.20	1.9	152.0	7.0	105	0.3	5.9	24.6	1869	5.41	5.8	0.3	18.1	1.2	508	<0.1	0.5	<0.1	184	4.79
812320	Drill Core	6.36	1.2	167.7	6.6	107	0.2	6.2	25.4	2052	5.52	12.2	0.3	18.8	1.4	516	<0.1	0.3	<0.1	179	4.77
812321	Drill Core	5.68	1.5	185.4	12.0	90	0.4	5.9	24.4	1734	5.47	30.5	0.3	53.3	1.3	669	<0.1	0.5	<0.1	141	4.67
812322	Drill Core	6.04	1.6	175.4	5.5	120	0.3	6.5	25.8	2053	5.67	4.4	0.4	28.8	1.4	607	<0.1	0.3	<0.1	222	4.03
812323	Drill Core	5.32	1.0	175.8	6.8	120	0.3	6.2	24.7	2180	5.62	4.0	0.3	34.7	1.2	486	<0.1	0.3	<0.1	202	4.34
812324	Drill Core	4.90	1.2	162.7	8.1	116	0.3	6.7	26.6	2183	5.73	4.5	0.3	38.6	1.2	653	0.1	0.4	<0.1	181	4.80
812325	Drill Core	4.50	1.6	171.0	5.7	126	0.3	6.5	26.3	2436	5.80	3.5	0.3	35.1	1.1	770	<0.1	0.3	<0.1	191	4.40
812326	Drill Core	5.11	1.2	163.3	4.2	120	0.2	6.4	24.7	2333	5.90	4.3	0.4	19.7	1.3	501	<0.1	0.2	<0.1	214	4.81
812327	Drill Core	5.53	1.3	172.6	2.9	119	0.1	6.7	25.0	2435	5.78	1.9	0.3	14.2	1.0	421	<0.1	0.2	<0.1	189	5.16
812328	Drill Core	5.70	1.4	165.7	5.4	133	0.3	7.2	26.1	2050	5.42	3.2	0.3	149.6	0.9	903	<0.1	0.2	<0.1	180	5.06
812329	Drill Core	5.76	1.1	320.8	10.3	139	0.3	12.9	27.3	1662	5.62	7.1	0.6	65.5	1.4	1172	<0.1	0.3	<0.1	149	5.64
812330	Drill Core	5.23	0.4	491.4	27.7	104	0.7	17.1	26.3	531	2.69	7.1	0.9	152.1	2.6	1218	0.1	1.3	0.4	36	2.13
812331	Drill Core	1.58	0.7	178.2	14.8	85	0.2	7.3	11.4	1154	2.43	4.5	0.5	83.2	1.6	948	<0.1	0.9	0.1	56	4.41
812332	Drill Core	6.29	0.2	45.1	5.1	91	<0.1	15.8	20.6	1775	4.67	1.3	0.3	162.5	0.6	657	0.1	0.2	<0.1	158	5.36
812333	Drill Core	4.69	0.2	95.5	5.4	93	<0.1	14.3	19.4	1653	4.56	1.1	0.4	17.9	0.8	365	<0.1	0.8	<0.1	155	5.63
812334	Drill Core	4.66	1.4	886.4	16.0	142	0.7	17.2	23.1	1145	4.81	5.5	1.3	158.2	2.4	154	0.1	0.6	0.2	79	2.23
812335	Drill Core	4.71	0.9	769.7	20.9	168	0.5	15.8	22.2	1046	5.55	6.1	1.1	237.5	2.4	111	0.1	1.0	0.1	81	1.94

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

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 Surrey BC V4A 9T8 Canada

Project: CAPTAIN
 Report Date: November 01, 2010

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CERTIFICATE OF ANALYSIS

VAN10005403.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
812306	Drill Core	0.213	12	3	2.11	193	0.002	4	1.78	0.017	0.28	<0.1	0.17	6.2	<0.1	0.88	6	<0.5	<0.2
812307	Drill Core	0.196	12	3	1.90	388	0.002	3	1.51	0.017	0.34	<0.1	0.05	6.0	<0.1	0.49	5	<0.5	<0.2
812308	Drill Core	0.182	14	3	1.58	303	0.002	3	1.98	0.022	0.24	<0.1	0.15	4.0	<0.1	0.26	8	<0.5	<0.2
812309	Drill Core	0.192	14	2	1.85	375	0.003	2	2.16	0.030	0.27	<0.1	0.10	3.8	<0.1	0.52	10	<0.5	<0.2
812310	Drill Core	0.181	14	2	1.96	183	0.003	2	2.26	0.030	0.21	<0.1	0.09	3.4	<0.1	0.38	10	<0.5	<0.2
812311	Drill Core	0.200	13	2	1.84	180	0.003	3	1.61	0.030	0.26	0.4	0.08	4.1	<0.1	0.79	7	<0.5	<0.2
812312	Drill Core	0.186	12	4	1.79	200	0.003	3	1.57	0.031	0.21	<0.1	0.13	6.6	<0.1	0.83	7	<0.5	<0.2
812313	Drill Core	0.185	12	4	1.43	307	0.004	4	1.20	0.042	0.27	<0.1	0.03	7.7	<0.1	0.05	5	<0.5	<0.2
812314	Drill Core	0.179	12	5	1.64	206	0.007	4	1.68	0.053	0.16	<0.1	0.04	6.7	<0.1	0.06	9	<0.5	<0.2
812315	Drill Core	0.178	12	5	1.88	268	0.004	3	2.04	0.046	0.16	<0.1	0.07	6.0	<0.1	0.25	9	0.8	<0.2
812316	Drill Core	0.200	12	3	1.54	146	0.003	3	2.00	0.049	0.24	<0.1	0.06	5.5	<0.1	1.28	8	0.7	<0.2
812317	Drill Core	0.205	12	3	2.12	78	0.003	2	2.31	0.041	0.15	<0.1	0.08	6.0	<0.1	1.99	10	0.7	<0.2
812318	Drill Core	0.203	12	3	2.50	106	0.005	2	2.69	0.069	0.15	<0.1	0.07	6.9	<0.1	1.70	11	1.5	0.3
812319	Drill Core	0.222	12	4	2.28	145	0.003	3	2.55	0.102	0.15	<0.1	0.03	6.7	<0.1	1.41	10	0.8	<0.2
812320	Drill Core	0.217	12	3	2.31	125	0.006	2	2.54	0.095	0.15	<0.1	0.03	6.6	<0.1	1.70	10	1.2	0.4
812321	Drill Core	0.237	11	3	2.09	73	0.003	3	2.35	0.065	0.21	<0.1	0.11	5.0	0.2	2.76	9	2.2	0.4
812322	Drill Core	0.230	13	4	2.65	208	0.005	2	2.76	0.085	0.14	<0.1	0.19	7.5	<0.1	0.69	12	1.5	0.4
812323	Drill Core	0.234	12	3	2.50	174	0.003	2	2.74	0.063	0.14	<0.1	0.30	6.8	<0.1	0.93	11	0.9	<0.2
812324	Drill Core	0.236	14	4	2.50	209	0.004	2	2.70	0.059	0.18	<0.1	0.34	6.3	<0.1	1.11	11	1.5	<0.2
812325	Drill Core	0.243	13	4	2.73	299	0.003	2	2.97	0.046	0.16	<0.1	0.38	6.4	<0.1	0.81	12	0.7	<0.2
812326	Drill Core	0.247	13	3	2.74	268	0.004	3	2.95	0.050	0.17	<0.1	0.13	7.2	<0.1	0.74	12	<0.5	0.3
812327	Drill Core	0.234	12	4	2.60	166	0.004	1	2.76	0.042	0.14	<0.1	0.12	5.9	<0.1	1.20	12	0.5	<0.2
812328	Drill Core	0.217	11	4	2.40	96	0.006	2	2.59	0.049	0.15	<0.1	0.11	5.8	<0.1	1.73	11	0.6	<0.2
812329	Drill Core	0.212	12	11	1.56	163	0.003	2	2.29	0.043	0.22	<0.1	0.12	4.7	<0.1	1.35	8	0.6	<0.2
812330	Drill Core	0.281	12	5	0.32	88	0.002	4	1.10	0.042	0.46	<0.1	0.18	4.2	<0.1	1.97	2	3.3	0.3
812331	Drill Core	0.201	9	8	0.85	283	0.003	3	0.85	0.033	0.33	0.3	0.23	3.6	<0.1	0.76	2	0.6	0.5
812332	Drill Core	0.154	11	22	1.62	202	0.014	<1	1.82	0.038	0.18	<0.1	0.08	7.0	<0.1	0.06	9	<0.5	<0.2
812333	Drill Core	0.148	12	20	1.52	283	0.015	<1	1.78	0.044	0.18	0.1	0.07	6.9	<0.1	<0.05	9	<0.5	<0.2
812334	Drill Core	0.177	9	7	1.16	57	0.003	2	1.72	0.062	0.24	<0.1	0.24	4.1	0.1	3.09	6	5.5	1.3
812335	Drill Core	0.179	10	8	1.24	66	0.004	1	1.88	0.051	0.26	<0.1	0.23	4.2	0.1	3.18	7	4.2	0.4

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Orestone Mining Corp.**
 975 - 163rd Street
 Surrey BC V4A 9T8 Canada

Project: CAPTAIN
 Report Date: November 01, 2010

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CERTIFICATE OF ANALYSIS

VAN10005403.1

Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
812336	Drill Core	5.05	0.8	462.7	18.7	242	0.3	13.2	23.2	1578	5.39	6.8	0.6	160.9	2.4	232	0.1	0.9	0.1	109	3.30
812337	Drill Core	3.31	1.9	542.0	20.1	192	0.5	13.6	26.0	1383	5.44	8.0	0.6	229.1	1.9	286	0.1	1.0	0.2	99	3.14
812338	Drill Core	4.42	1.1	415.7	18.2	208	0.3	13.0	22.3	1503	5.30	5.6	0.6	129.1	2.7	194	0.1	0.8	<0.1	100	2.91
812339	Drill Core	3.67	4.1	881.1	14.8	70	0.6	9.2	17.3	726	3.86	16.4	0.4	654.5	1.4	658	0.1	0.5	0.2	39	1.84
812340	Drill Core	6.28	<0.1	15.3	4.5	50	<0.1	10.7	13.0	1172	3.32	<0.5	0.3	4.0	0.7	459	0.1	0.2	<0.1	114	4.40
812341	Drill Core	2.91	0.5	375.2	10.4	125	0.2	10.5	16.1	1411	3.85	1.0	0.4	63.5	1.3	705	0.1	0.3	<0.1	103	3.89
812342	Drill Core	5.00	1.0	1028	18.6	280	0.4	11.3	21.6	1595	5.07	3.2	0.5	72.4	2.2	534	0.1	0.5	<0.1	93	2.71



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 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
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www.acmelab.com

Client: **Orestone Mining Corp.**
 975 - 163rd Street
 Surrey BC V4A 9T8 Canada

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CERTIFICATE OF ANALYSIS

VAN10005403.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
812336	Drill Core	0.197	12	8	2.37	99	0.005	3	2.82	0.055	0.25	<0.1	0.16	4.2	<0.1	2.19	10	1.3	0.5
812337	Drill Core	0.192	10	5	1.63	64	0.004	3	2.38	0.056	0.32	<0.1	0.24	5.3	0.2	3.08	8	3.1	0.7
812338	Drill Core	0.227	13	9	2.23	93	0.005	2	2.70	0.063	0.26	<0.1	0.22	4.2	0.1	1.98	10	1.8	0.4
812339	Drill Core	0.196	8	6	0.69	54	0.004	3	1.26	0.030	0.28	<0.1	0.12	1.6	0.1	2.13	4	3.2	0.2
812340	Drill Core	0.097	9	22	0.95	153	0.016	1	1.25	0.050	0.23	<0.1	<0.01	3.9	<0.1	<0.05	7	<0.5	<0.2
812341	Drill Core	0.140	11	19	1.51	451	0.007	3	1.97	0.050	0.22	<0.1	0.04	3.6	<0.1	0.43	8	0.9	<0.2
812342	Drill Core	0.176	12	11	2.00	94	0.003	3	2.68	0.046	0.26	<0.1	0.12	3.2	<0.1	1.37	8	2.0	<0.2



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www.acmelab.com

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 975 - 163rd Street
 Surrey BC V4A 9T8 Canada

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QUALITY CONTROL REPORT

VAN10005403.1

Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
Pulp Duplicates																					
812321	Drill Core	5.68	1.5	185.4	12.0	90	0.4	5.9	24.4	1734	5.47	30.5	0.3	53.3	1.3	669	<0.1	0.5	<0.1	141	4.67
REP 812321	QC		1.5	178.1	10.0	92	0.4	5.6	26.3	1711	5.46	30.0	0.3	56.7	1.2	661	<0.1	0.5	<0.1	141	4.62
Core Reject Duplicates																					
812313	Drill Core	4.61	1.2	133.1	4.3	62	<0.1	5.0	16.7	1530	4.36	2.9	0.6	1.0	2.0	321	0.1	0.4	0.3	141	4.62
DUP 812313	QC		1.1	114.0	3.8	57	<0.1	4.8	15.5	1408	3.95	2.3	0.5	0.8	1.8	286	<0.1	0.3	<0.1	127	4.30
Reference Materials																					
STD DS7	Standard		20.7	112.3	69.8	398	0.9	56.8	9.6	607	2.43	48.7	5.0	102.0	4.5	69	6.3	6.1	4.8	81	0.96
STD DS7	Standard		21.0	110.0	66.1	383	1.0	57.2	10.0	633	2.45	48.9	4.9	71.2	4.5	72	6.5	6.1	4.6	84	0.97
STD DS7	Standard		20.7	113.7	65.2	421	1.1	58.2	9.4	658	2.55	58.9	4.8	69.9	4.7	73	6.5	6.1	4.6	88	1.03
STD DS7	Standard		19.0	106.7	60.8	392	1.0	53.3	9.3	627	2.41	52.8	4.8	159.2	4.5	70	6.3	5.4	4.4	83	0.98
STD DS7 Expected			20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84	0.93
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	1.0	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
Prep Wash																					
G1	Prep Blank	<0.01	0.4	2.3	3.1	46	<0.1	3.3	4.2	581	1.97	0.6	1.9	<0.5	5.4	61	<0.1	<0.1	<0.1	37	0.53
G1	Prep Blank	<0.01	0.7	2.7	3.1	41	<0.1	3.0	4.3	578	1.97	0.8	1.8	<0.5	5.2	54	<0.1	<0.1	0.2	38	0.51



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QUALITY CONTROL REPORT

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																				
812321	Drill Core	0.237	11	3	2.09	73	0.003	3	2.35	0.065	0.21	<0.1	0.11	5.0	0.2	2.76	9	2.2	0.4	
REP 812321	QC	0.243	12	3	2.08	75	0.004	2	2.33	0.065	0.20	<0.1	0.10	4.7	0.2	2.76	9	1.5	<0.2	
Core Reject Duplicates																				
812313	Drill Core	0.185	12	4	1.43	307	0.004	4	1.20	0.042	0.27	<0.1	0.03	7.7	<0.1	0.05	5	<0.5	<0.2	
DUP 812313	QC	0.176	11	3	1.30	243	0.004	3	1.06	0.038	0.25	<0.1	0.02	7.0	<0.1	<0.05	5	<0.5	<0.2	
Reference Materials																				
STD DS7	Standard	0.075	12	194	1.06	395	0.123	41	1.02	0.091	0.45	3.9	0.24	2.2	3.9	0.20	5	3.3	1.4	
STD DS7	Standard	0.075	13	198	1.07	397	0.127	42	1.04	0.093	0.45	3.7	0.22	2.2	3.8	0.20	5	3.6	2.1	
STD DS7	Standard	0.083	13	195	1.11	436	0.118	42	1.10	0.101	0.52	3.6	0.24	2.5	4.2	0.21	5	3.1	2.0	
STD DS7	Standard	0.079	13	186	1.06	400	0.114	41	1.04	0.096	0.48	3.7	0.23	2.4	4.0	0.20	5	3.0	0.9	
STD DS7 Expected		0.08	12	179	1.05	410	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5	1.08	
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
Prep Wash																				
G1	Prep Blank	0.083	12	8	0.54	200	0.120	1	1.03	0.123	0.54	<0.1	<0.01	2.1	0.3	<0.05	5	<0.5	<0.2	
G1	Prep Blank	0.083	12	8	0.53	185	0.118	1	0.98	0.109	0.54	<0.1	<0.01	2.0	0.3	<0.05	4	<0.5	<0.2	