GEOCHEMICAL AND GEOLOGICAL REPORT

ON THE

MAHOOD SOUTH CLAIMS

MAHOOD LAKE AREA, BC

NTS 92P/16

KAMLOOPS MINING DIVISION

BY

D. W. RIDLEY

OCTOBER 2011

Event # 4983559

TABLE OF CONTENTS

FIGURES

APPENDICES

INTRODUCTION

The Mahood South mineral claims consist of 138 contiguous cells situated south of Mahood Lake and approximately 35 kilometers north-northwest of the town of Clearwater. The claims are underlain to the west by metamorphosed pillow basalts, basaltic flows and lesser chert and argillite of the Fennel Formation. To the east folded and faulted carbonaceous phyllites and quartzites are the predominant rock type with lesser greenstone, quartz-sericite phyllite and felsic fragmental units of the Eagle Bay Assemblage. The ground was acquired to test the potential for volcanigenic massive sulphide and/or precious metal bearing vein deposits such as those known to exist in similar rocks to the southeast between Clearwater and Barriere; the most notable being Chu Chua massive sulphide deposit and the Windpass gold mine.

A program of recon stream sampling and mapping of outcrops encountered was initiated May 10 continuing sporadically until August 15 2011 and resulted in the recognition of three new zones of interest. The Magnetite Zone on the Mahood South claim (#831573) has many similiarities to the Chu Chua deposit including altered and bleached greenstones, pyritic cherts and local float (subcrop?) of massive magnetite. The Felsic Fragmental Zone is situated in the southeastern portion of Mahood South 3 claim (#831578) and contains elevated lead-silver-gold-arsenic values over a substantial area of felsic fragmental and rhyolite flow rocks enclosed in carbonaceous to graphitic phyllites. The Maury zone bisects the Mahood South 5 and Maury 1 claims (#845022, 853834) and consists of a poorly defined northerly striking structure which contains potentially economic values of lead, zinc, silver and gold. Additional work is highly recommended in the form of grid-based soil geochemistry, geological mapping, ground magnetometer and VLF surveys over the three zones and continued recon prospecting and stream sampling of the rest of the property.

LOCATION AND ACCESS

The Mahood South property is situated approximately 50 kilometers northwest of Clearwater on BC highway 5 or about 75 kilometers northeast of 100 Mile House on BC highway 97. The easiest and most direct access is from Clearwater via the old Clearwater Timber Products main haul road (Mann creek road) to Coldscaur lake then via arterials northeasterly past Double, Sicily, and Italia lakes to a road junction at Ejas lake. The northerly trending main is taken to the Maury claims and several arterials provide access to other parts of the property. The newly constructed Mahood Forest road leaves the main near Sicily lake and provides access to the Magnetite zone as well as the eastern and northern portions of the property (FIG. 2).

The property is within the Interior Wet Belt bio-geoclimatic zone and is situated in Nahalliston Highland physiographic region. Topography on the property is subdued with

generally till covered flats and small hills which result in little outcrop exposure. Road cuts and steeper hillsides provide limited outcrop exposure. The area has undergone fairly substantial logging with a good road system and numerous clearcuts. Logging activity tends to dig up angular float and occasionally outcrop exposures. Forested areas are well covered with dense stands of sub-alpine fir, spruce, and lesser douglas fir, aspen, red cedar, and lodgepole pine. Younger forested areas can be dense thickets of juvenile conifers with a heavy under growth of woody rhododendron, willow, and thick patches of devil's club in the wetter spots.

CLAIM STATUS

The Mahood South property consists of 138 cell units (2753.23 hectares) in seven mineral claims held by DW Ridley and jointly owned by D. Black. Pertinent claim information is listed below.

Claim Name	Record No.	Date Located	***Good To Date***
Mahood South	831573	2010/aug/16	2012/dec/31
Mahood South 2	831575	2010/aug/16	2012/dec/31
Mahood South 3	831578	2010/aug/16	2012/dec/31
Mahood South 4	839412	2010/dec/01	2012/dec/31
Mahood South 5	845022	2011/jan/29	2012/dec/31
Maury 1	853834	2011/may/08	2013/may/08
Maury 2	853837	2011/may/08	2013/may08

*****pending assessment report approval*****

PROPERTY HISTORY

The earliest recorded work dates from the spring of 1897 when several individuals pooled their interests to form the "Mahood Lake Mining Company Limited Liability". At least four separate mineral claims were said to be involved. Certified affidavits of work were recorded in Clinton during 1898 and 1899 although no details were included. Mining law at that time included the stipulation that a claim could be made only where there was a mineralized showing such that a frugal man might work it for profit. If this is true there are at least four mineralized showings yet to be re-discovered around Mahood Lake. Minister of Mines Annual report for 1924 states "Wm Spring has located a group of claims on the south side of Mahood Lake. A sample from this point consisting of quartzose-irony looking material assayed 0.6 oz\ton gold, 1 oz\ton silver, and 0.3% copper." This occurrence is Minfile number 092P028 and has not been located or sampled since 1924. It is possible this is one of the earlier 1890's locations.

Lead-silver fioat with values up to 10.68% lead and 950 gr/ton silver was found in 1966 immediately south of Maury lake. This led to staking a number of claims and recon soil sampling which indicated anomalous copper-zinc values. Aquitane of Canada Ltd and

later Kidd Creek Mines Ltd conducted large work programs in the Maury and Ejas lakes area. Airborne mag and VLF surveys were followed by ground geophysics over selected portions of the aerial survey grid. One conductor was drilled in 1978 and intersected a narrow (6 inch) interval of massive pyrrhotite. Later analysis of this section and its enclosing pyrrhotite-bearing graphitic schist was found to be lowly anomalous in gold and silver. This sparked a new flurry of activity in 1984 when Kidd Creek Mines Ltd conducted linecutting, geologieal mapping, soil sampling and VLF-EM and magnetometer surveys. Further work was recommended but the ground was allowed to lapse. The ground was re-staked by BP Resources who carried out an integrated geophysics program on the SB 1-8 claims in 1985. Again additional work was recommended however the claims were again allowed to lapse.

D. and C. Ridley prospected the area in 1995 as part of C. Ridley's Prospecting Assistance Grant (95\96 P101). This work located several old trenches and pits immediately north of Maury lake. The trenches are blasted into quartz-sericite sehist and cut by quartz-carbonate veins containing disseminated galena-pyrrhotite-sphalerite-chalcopyite and returned up to 4865 ppm lead and 21 ppm silver. The property was re-visited during Darin Black's Prospecting Assistance Grant in 2001 (01/02P-30). The area was prospected and hand trenching was carried out in the old trenches. This resulted in discovering massive pyrrhotite float north of the old Maury trenches, barite-pyrite-quartz outcrop and subcrop to the southwest spatially associated with past anomalous soil geochemistry, and high grade sulphide-rich quartz-carbonate rock samples from the old Maury trench area. A grab sample from outcrop at the Maury trenches returned 2.35% lead, 3556 ppm zinc, 237 ppm silver, 209 ppm bismuth, and 907 ppb gold (PAG Report 01\02P-30; MA01BK12). The Maury showings were included in the Minfile database as 092P190 in 2002. Between 2006 and 2007 Ridley and Black conducted limited soil surveys around the Maury showing and a single recon line through the old Grit 6 grid area (A.R. #28980 and #). Since then extensive logging activity and establishment of tens of kilometers of new access roads led to a re-evaluation of the area and acquiring the present property.

REGIONAL GEOLOGY

Geological mapping was carried out by Campbell and Tipper in 1971 (GSC Memoir 363) and more recently, the area immediately south of the claims was mapped by Schiarizza et al in 2001. The Mahood South claim area is situated east of the contact between Mesozoic Nicola Group island arc volcanic, related intrusive and sedimentary rocks, which are thrust easterly over Paleozoic Fennell Formation pillow basalts, basaltic flows, gabbro and lesser chert with carbonaceous sedimentary layers. Fennell rocks are well exposed on Mt. Mahood and can be traced along the western edge of the property from Ejas lake to the northern property boundary where they are poorly exposed and covered with glacial drift. Cambrian and later (?) Eagle Bay Assemblage consisting of mixed meta-volcanic and meta-sedimentary rocks underlie the area east of the Fennell Formation. Campbell and Tipper interpret the contact to be a thrust fault although other workers have disputed this. The core of the Mahood South claims are underlain by Eagle Bay Assemblage graphitic phyllite, quartzite, quartz-sericite phyllite, quartz-muscovite

phyllitte, lesser impure limestone, meta pyroclastics and locally cut by rhyolite to aplite dykes related to the Raft batholith. The meta-sediments are tentatively assigned to Unit EBP of Schiarizza and Preto (1987), based on overall structural position and stratigraphic similarities.

All the above units have been variably intruded by Cretaceous granodiorite, granite, and quartz-feldspar porphyry related to the Raft batholith, a large east-west elongate pluton outcropping just south of the property. This intrusive is host to several old molybdenum showings listed in the Minfile database, mainly along the southern batholith contact. The Fennell Formation and Eagle Bay Assemblage are known to host numerous mineralized vein systems as well as significant VMS deposits along strike to the south (Schiaizza and Preto, 1987).

PROPERTY GEOLOGY

The Mahood South claim group is underlain by Fennel formation meta-pillow basalt, meta-basalt, and greenstone which are in apparent fault contact with complexly folded Eagle Bay Assemblage meta-sedimentary and meta-volcanic rocks. The area is well covered by glacial debris particularly on lower slopes and areas of gentle topography. Outcrop is scarce and generally best exposed in road cuts and recent logging clear cuts.

The Fennell formation outcrops around the entire eastern edge of the Mahood South property and was found to consist of a thick sequence of monotonous greenstone interspersed by rare diorite to gabbro dykes, sills or possibly flow units. Pillows were not observed on the property although they are common further to the west. Bedding is not well developed but where seen it tends to parallel the trace of the assumed thrust fault separating Fennell from Eagle Bay rocks as depicted by Campbell and Tipper (1971).

Eagle Bay Assemblage rocks underlie the bulk of Mahood South property and have been tentatively assigned to Unit EBP as outlined by Schiarizza and Preto (1987). This is due its general structural position and overall similar stratigraphy. Dark grey to black carbonaceous to graphitic phyllite and light grey to brown quartzite are the predominate rock types on the property and are bedded with felsic meta-volcanic, quartz-sericite-pyrite schist, and chlorite-quartz-magnetite units which are locally cut by quartz-feldspar porphyry and fine grained rhyolitic dykes. The dark phyllites are intensely folded along the assumed thrust fault trace adjacent to the western edge of the unit.

The property was routinely prospected, outcrops were examined while those with obvious mineralization or alteration were sampled and analyzed for 30 elements. This resulted in the recognition of three areas containing good potential for economic mineral deposits; a magnetite zone in Fennell greenstones, a felsic fragmental unit in Eagle Bay rocks, and the Maury showing (Minfile 092P190). A brief description of these zones follows and are illustrated on the Geology Map (Fig. 3) whereas sample descriptions and analysis certificates are found in the appendix.

Magnetite Zone: The Magnetite Zone is situated on the Mahood South claim (#831573) and has many similarities to the Chu Chua massive copper-iron deposit (Minfile 092P140). These include overall stratigraphic position, proximal quartz-feldspar porphyry bodies, altered and bleached greenstones adjacent carbonaceous sedimentary units cut by pyritic cherty rocks and local float (subcrop?) of massive magnetite.

Fennell formation greenstones are abruptly cut by a prominent white to light grey weathering sill-like body of quartz-feldspar porphyry, quartz-eye rhyolite, aphanitic rhyolite and siliceous pyritic chert. This north-northeast trending body dips moderately to the east, is up to 200 meters wide and has been traced along strike for over a kilometer. Bleached and altered greenstone lies within this felsic unit as partially digested blocks and discontinuous lenses. Euhedral pyrite and small red garnets are common as are glassy quartz veins and stringers. The western contact with Fennell greenstone is obscured by glacial alluvium however the eastern contact with a dark-grey to black carbonaceous unit appears to be conformable to the assumed contact on this side.

The carbonaceous unit consists of dark grey to black fine grained, locally finely laminated, pyritic phyllites cut by milky white quartz veins and stringers. Laminations are generally less than one centimeter thick and consist of alternating bands of black mudstone and dark grey greywacke or sandstone. Folding is apparent although outcrop density was insufficient to trace individual beds from outcrop to outcrop. An irregular-shaped body composed of siliceous, pyritic chert appears to cut and inter-finger with the phyllite unit. The chert is crudely banded, locally brecciated, pyritic, contains elevated barium geochemical values, and may represent an exhalative horizon. The cherty rocks outcrop on a small hill a short distance east of the felsic unit. Massive magnetite float is found near the base of the slope at the contact between the felsic and dark phyllite unit. Magnetite is massive with minor blebs or cubes of pyrite and cut by late quartz stringers. The magnetite was found to contain over 40% iron and has a weak but persistent copper-zinc geochemical signature.

Felsic Fragmental Unit: The Felsic Fragmental Zone is situated in the southeastern portion of Mahood South 3 claim (#831578) and contains elevated lead-silver-gold-arsenic values over a substantial area of felsic fragmental and rhyolitic flow rocks enclosed in carbonaceous to graphitic phyllites and quartzites. The area was soil sampled on two widely spaced recon lines by Aquitane in 1978 and returned a cluster of highly anomalous lead-zinc-silver-barium anomalies. The unit was first described by Kidd Creek geologists during work on the old Lizard claims in 1984 (A.R. #13362). They highly recommended further work however none was conducted and the claims lapsed. Since then logging and road building has exposed a large section. The unit trends north-northwest, dips moderately to steeply west, is at least 250 meters wide and has been traced sporadically up to three kilometers along strike. The unit consists predominately of feldspar-quartz meta-tuff interspersed with quartz-eye rhyolite flows and breccia. It is white to light grey in colour and weathered faces are coated with limonite and appear rusty. The unit is commonly cut by great quantities of quartz veining giving it an overall brecciated appearance. The quartz veins are typically glassy or milky white and may contain traces or blebs of pyrite and/or galena. Contact relationships with enclosing black phyllites and quartzites were not observed but are presumed to be concordant and

indicate this unit to be part of the volcano-sedimentary sequence and not intruded into it at a later date. Therefore this unit could have high potential for volcanogenic massive sulphide mineralization and should be subjected to detailed exploration.

Maury Showing Area: The Maury zone bisects the Mahood South 5 and Maury 1 claims (#845022, 853834) and consists of a poorly defined, northerly striking quartz-carbonate vein structure which contains potentially economic values of lead, zinc, silver and gold. It should be noted the actual Maury showing is situated 180 meters west of the location given on government Minfile maps Recent logging has been instrumental in tracing the Maury structure in float, subcrop and outcrop over a strike length of 1.3 kilometers whereas stream samples taken in 2011 indicate a further northward extension.

The zone is best characterized as a series of discontinuous quartz-carbonate veins and lenses straddling the contact between black carbonaceous and locally graphitic phyllites and light grey quartzite. The black phyllites are altered to quartz-sericite-pyrite and enclosed quartz veins contain variable quantities of pyrite, chalcopyrite, galena, sphalerite. Historic values at the main Maury showing include 2.3 % lead, 0.35% zinc, 237 g/t silver, and 0.9 g/t gold (Black et al 2001). Overburden is widespread however it is believed to be relatively thin but hinders tracing individual veins or rock units any appreciable distance. Machine trenching is required to fully expose and sample the Maury mineralized vein system.

2011 ROCK SAMPLING

A total of seventeen rock samples were collected and analyzed during the 2011 field season. These were concentrated on the Felsic Fragmental and Maury zones whereas the Magnetite zone was sampled the year before. Sample locations are plotted on Figure 4 with sample descriptions and analysis certificates included in the appendix.

Eight grab samples were taken of outcrop, subcrop and float in the Felsic Fragmental zone which is largely covered by a relatively thin mantle of overburden. The unit has been traced sporadically for over three kilometers of strike length and over 250 meters wide. It consists of quartz-eye rhyolite breccia and metamorphosed flows and/or tuffs(?) enclosed in carbonaceous black sediments and quartzites. Quartz veining is ubiquitous with the felsic rocks forming discrete veins, breccia and stockwork zones. Locally quartz veins may carry knots of galena and pyrite with lesser sphalerite. Geochemical rock sampling reveals a weak but persistent lead-gold (arsenic-antimony?) signature in the quartz-rich and more brecciated sections (sample #838987 to #838989). Values here range from 105-1091 ppm lead and 10-56 ppb gold. Quartz veins in the enclosing dark sediments are widespread though less abundant than the felsic unit and tend to conform with foliation and, in places, original bedding. The sediments tend to be recessive and samples were taken of angular quartz vein float which contained black sediment breccia fragments or wallrock indicating a local source. Three rock samples were taken from this material along the eastern contact with the felsic unit. Geochemical values range between 33-724 ppm lead, 5-780 ppm zinc, 0.2-3.1 ppm silver, and 0.9-257 ppb gold (sample #838998. #708679 and #708680). Historic work shows the felsic fragmental unit to

continue southeastward where it hosts lead-bearing quartz veins and two small but strong VLF-EM conductors with associated magnetic highs discovered in the 1980's by BP Selco (A.R. #15187).

Nine rock samples were taken from the Maury zone, six are outcrop grabs whereas three are angular float. A "high-grade" grab of mineralization from the main Maury showing returned +25,000 ppm lead, 150 ppm silver and 134 ppb gold (#838999). A sample from poorly exposed, rusty-weathering felsic schist outcrop, situated approximately 750 meters northerly, returned 9751 ppm lead, 54 ppm silver, and 91 ppb gold (#708682). A grab from angular quartz float 10 meters to the east returned 686 ppm lead, 6.5 ppm silver and 33 ppb gold (#708683). The intervening ground is covered by glacial debris and will require machine trenching to expose underlying bedrock. Similiar rusty-weathering felsic schist forms subcrop rubble 350 meters south of the Maury showing and contains a fine film of galena on fracture faces though geochemical values were low (#708681). Quartz-sericite-pyrite alteration is common but is most pronounced in the black meta-sedimentary rocks. Four samples of this material returned non-anomalous geochemical values and are considered to be peripheral hanging and/or foot wall alteration (#838995, #838996, #838997 and #838990). Similar alteration forms small patches and discontinuous blobs in graphitic phyllites up to 700 meters north of the northern-most samples, indicating a possible extension of the zone.

STREAM SAMPLING

A total of fifteen stream samples were taken during the course of the 2011 work program on the Mahood South property. Samples were taken from active drainages encountered during prospecting of logging roads and during mapping traverses. Samples were taken above culverts to avoid contamination and collected from several portions of the stream bed within 10 meters of the GPS location. Samples typically consist of fine sand and silt taken from areas of slower current velocity and therefore greater sediment buildup resulting in good volume of sample material. Samples were air dried prior to shipment to Acme Labs in Vancouver where they were sieved to -80 mesh and subjected to 30 element ICP analysis. Sample analysis certificates are included in the appendix whereas sample locations are plotted on Figure 5.

The highest stream geochemical value was obtained from a small creek about 300 meters north and down slope from the Maury showing. This sample returned 78 ppm copper, 29 ppm lead, 144 ppm zinc, 1.5 ppm silver and 471 ppm barium (MS11DS10). Two samples to the north returned anomalous values of 34-48 ppm copper, 113-119 ppm zinc and 452-440 ppm barium ((MS11DS8 and MS11DS9). These could indicate a northward extension of the Maury alteration zone. A single sample draining the ground between the Maury and Felsic Fragmental zones returned 40 ppm copper, 158 ppm zinc, 0.3 ppm silver and 342 ppm barium (MS11DS12). A sample draining the Felsic Fragmental unit returned 28 ppm lead, 173 ppm zinc and 13 ppb gold (MH11BKS4). Several samples taken from well covered ground in the northern portion of the claims were found to be

non-anomalous (MS11BKS5 to MS11BKS9). Two samples down slope of the Magnetite zone were also found to be non-anomalous (MS11BKS10 and MS11DS6).

CONCLUSIONS

The Mahood South property is underlain by Permo-Mississippian Fennell Formation pillow basalt and basalt flows with lesser chert, argillite and quartz-feldspar porphyry which has been thrust easterly over Mississippian or older Eagle Bay Assemblage. Eagle Bay rocks consist primarily of carbonaceous to graphitic black phyllites and quartzites with lesser felsic meta-tuffs, felsic schist, rhyolite, quartz-chlorite phyllites, and have tentatively been assigned to Unit EBP of Schiarizza and Preto (1987). Three target areas have been outlined on the property, one hosted in Fennell rocks and two in Eagle Bay rocks.

The Magnetite zone has many similarities to the well documented Chu Chua massive sulphide deposit 60 kilometers to the south-southeast (Minfile #092P140). The presence of massive magnetite boulders within altered and bleached greenstones in contact with graphitic phyllites which have been invaded by pyritic chert and/or silicified zones indicate excellent potential for a blind, Besshi-type massive sulphide deposit at depth.

The Felsic Fragmental zone consists of quartz-eye rhyolite flow and related pyroclastic rocks within a thick sequence of black phyllites and quartzites. It has been traced intermittently over three kilometers, is 200-300 meters wide , strikes northwest and dips moderately to the east. The unit contains widespread quartz veining which is locally anomalous in lead, zinc, silver and gold. Limited work in the past returned high Pb-Cu-Zn-Ag-Ba soil anomalies from two widely-spaced lines and later work outlined two strong VLF-EM conductors with associated high magnetic values within the unit to the southeast. Therefore it is believed this unit has good potential to host a proximal massive sulphide deposit beneath the glacial alluvium cover.

The Maury zone is underlain by graphitic schist that has been intensely altered to quartz-sericite-pyrite and injected with locally, sulphide rich, quartz-carbonate veins and stringers. Higher base metal values are coincident with higher silver and gold values. The zone is poorly exposed but appears to be of substantial size and it is highly likely that better grade mineralization is covered owing to the recessive nature of sulphide zones. The present work program has significantly expanded the potential strike length of the mineralized structure.

RECOMMENDATIONS

Additional work is highly recommended in the form of grid-based prospecting, geological mapping, soil and rock geochemical sampling, ground magnetometer and EM surveys over each of the three target areas depicted in this report. The Maury showing should be exposed by excavator in order to fully expose the mineralized zone and obtain fresh samples for analysis.

FINANCIAL STATEMENT

Wages:	
D. Ridley; 9 days @ $450\day	$4050.00
D. Black; 9 days @ $375\day	$3375.00
Transportation:	
Truck Rental; 9 days @ $100\day	$ 900.00
Fuel;	$ 500.00
Food and Accommodation:	
18 mandays @ $100\day	$1800.00
Sample Analysis:	
17 rock samples @ $20.00 each	$ 340.00
15 soil samples @ $15.00 each	$ 225.00
Shipping:	$ 70.00
Supplies:	$ 75.00
Reproductions:	$ 140.00
Report Preparation:	$ 2025.00
Total Expenditures:	**$13500.00**

REFERENCES

Bloodgood MA, 1990; Geology of the Eureka Peak and Spanish Lake Areas, BC; BCMEMPR Paper 1990-3.

Campbell RB and Tipper HW, 1971; Geology of the Bonaparte Lake Area, 92P; GSC Memoir 363.

Campbell RB, 1978; Geology of the Quesnel Lake Area, 93A; GSC Open File 574.

Farmer R and Wynne A, 1986; Linecutting and Geophysical Surveys on the SB 1-8 mineral claims; Ass. Rpt. #15187.

Mallaieu DG and Enns SG, 1985; Report on the Lizard claims; Ass. Rpt. #13362.

McMillan WJ 1983; CC Prospect, Chu Chua Mountain (092P08); in Geological Fieldwork 1983; pg 37-48; BCMEMPR Paper 1984-1.

Ridley C, 1995; Prospecting Report on the Maury Lake Area; BC Prospecting Assistance Grant 95\96 P101.

Ridley D, 2001; Prospecting Report on the South Mahood Lake Area for RD Black; BC Prospecting Assistance Grant 01/02 P-30.

Ridley D, 2007; Prospecting Report on the Maury mineral claims; Ass. Rpt. #28980.

Ridley D, 2008; Geochemical report on the Maury mineral claims; Ass. Rpt. # 29664

Schiarizza P and Preto V, 1987; Geology of the Adam's Plateau-Clearwater-Vavenby Area; BCMEMPR Paper 1987-2.

Schiarizza P, Heffernan S and Zuber J, 2002; Geology of the Quesnel and Slide Mountain Terranes west of Clearwater BC; *in* Geological Fieldwork 2001; BCMEMPR Paper 2002-1.

Schiarizza P and Ferri F, 2003; Barkerville Terrane, Cariboo Lake to Wells; *in* Geological Fieldwork 2002; BCMEMPR Paper 2003-1.

Struik LC, 1988; Structural Geology of Cariboo Mining District, East-Central BC; GSC Memoir 421.

Statement of Qualifications

I, David Wayne Ridley, PO Box 77, Eagle Creek, BC, V0K1L0, do hereby certify;

1) I completed the "Mineral Exploration for Prospectors" course hosted by the BC Ministry of Mines at Mesachie Lake, BC in 1984.

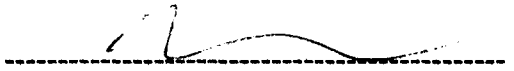
2) I completed the short course entitled "Petrology for Prospectors" held in Smithers BC and hosted by Smithers Exploration Group in 1990 and 1994.

3) I attended several short courses hosted by Kamloops Exploration Group during the KEG convention and included "Metallogeny of volcanic arcs" (1998), "intrusion-hosted gold deposits"(1999), and "massive sulphide deposits"(2001), Induced Polarization Surveying for Mineral Exploration (2008), Exploration for Exploration for Rare Metals (2011).

4) I have prospected independently since 1982 and have been employed as a contract prospector by various exploration companies in BC, Alaska, and Yukon territory since 1984.

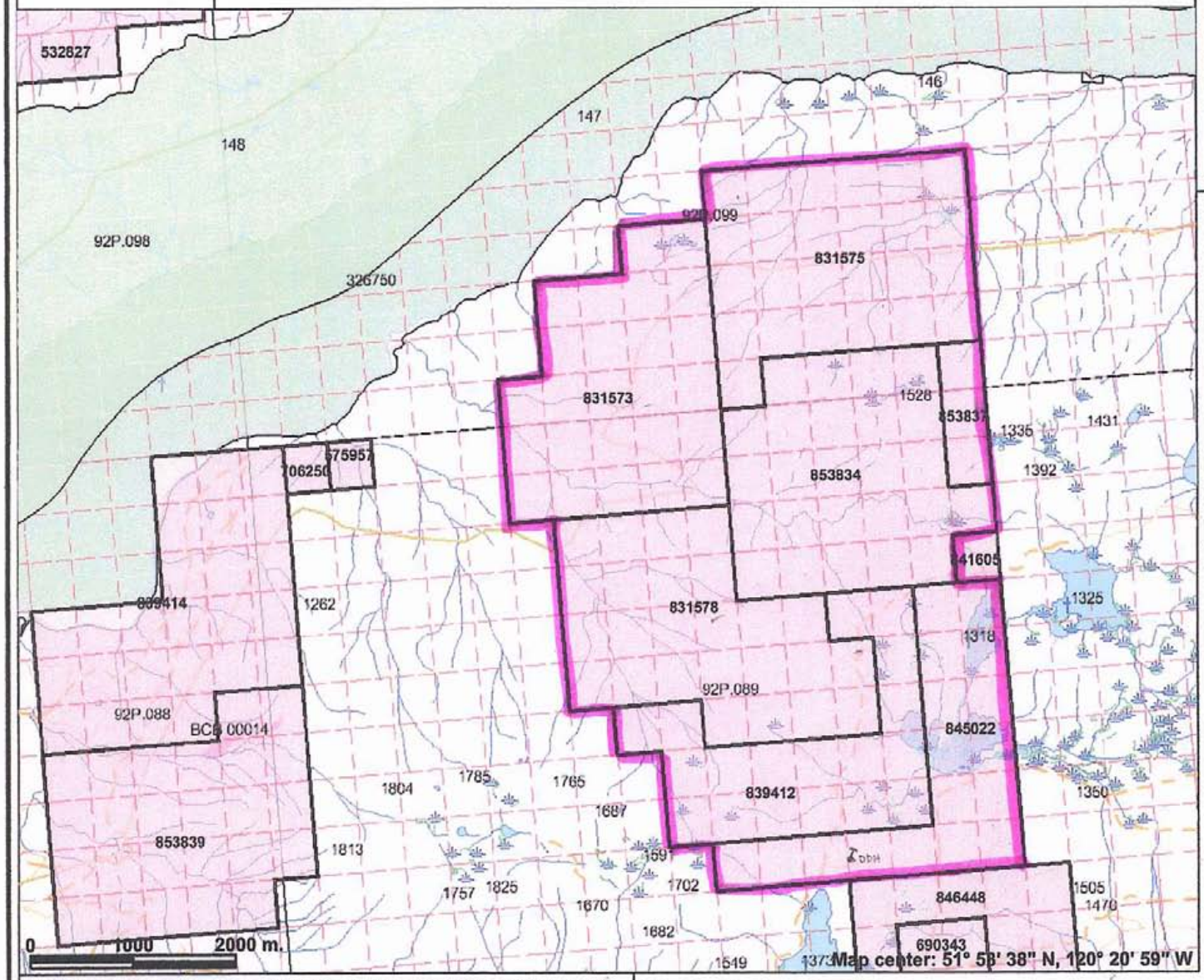
5) I participated in the 2011 work program and conducted field work contained within this report.

6) I own a beneficial interest in the property.



Dave Ridley November 2011

Mahood south Properties



Legend

- Indian Reserves
- National Parks
- Conservancy Areas
- Parks

MTO Grid (MTO)

- Blocked by MEM
- Other

Mineral Tenure (current)

- Mineral Claim
- Mineral Lease

Mineral Reserves (current)

- Placer Claim Designation
- Placer Lease Designation
- No Staking Reserve
- Conditional Reserve
- Release Required Reserve
- Surface Restriction
- Recreation Area
- Others

Survey Parcels

BCGS Grid

Contours (1:250K)

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

Transportation - Points (TRIM)

- Helipad

Transportation - Lines (TRIM)

- Airfield
- Airport
- Airstrip

Scale: 1:57,597

500 0 500 1000 meters

Nov. 11 2011 DW Ridley FIG. 1

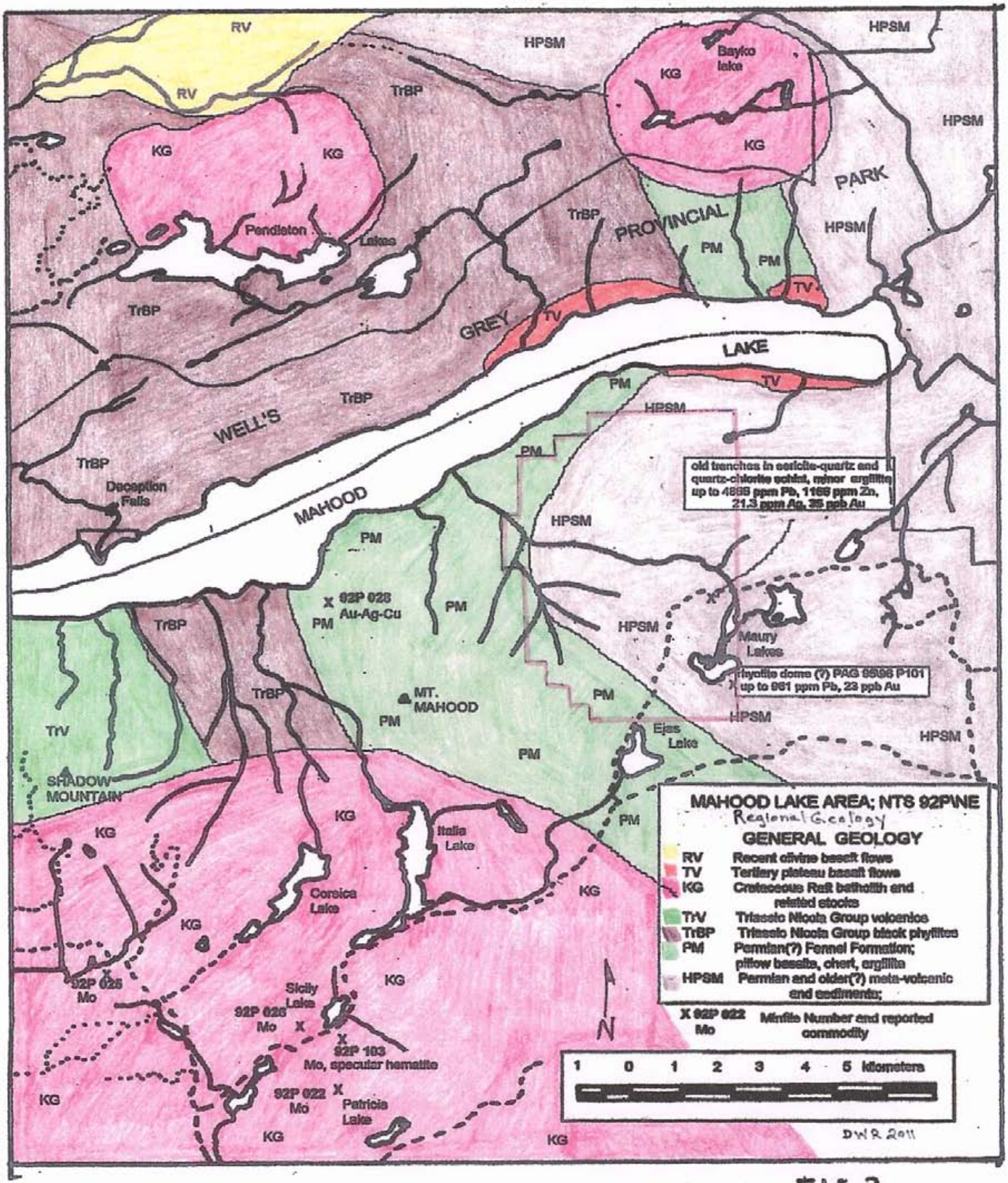


FIG. 2

Mahood South property

Mahood Lake

2a

Pb, gtz

689000E

5758000N

thrust fault (Campbell & Tipper 1971)

possible

Pb, gtz

1a

Magnetite Zone

2b

Massive Magnetite Float

1b

5753000N

689000E

Pb, gtz-ser-py

1c Pb, gtz rusty

Massive Pyrrhotite Float

1c py rusty

Maury Zone

Felsic Fragmental Zone

Maury showing (Minfile #092P190) Pb, Zn, Ag, Au

1c rusty Py, Pb

1d

Pb, qtz bx

Maury Lake

highly folded

gravel

Tertiary volcanic fragments

Pb, qtz

1d

Geophysical Anomalies (A.R.# 15187)

5749000N

689500E

DDH G-78-1 (A.R.# 13,362)

Ejas Lake

D.W. Ridley Nov 2011

MAHOOD SOUTH PROPERTY
Kamloops Mining Division; NTS 092P/16
Map Datum NAD 83 Zone 10
DW Ridley Nov. 2011 FIG. 3
General Geology and Mineral Occurrences

Outcrop
Float and/or subcrop
Bedding
Contact (approx)

GEOLOGY

Fennell Formation

2b Felsic unit; quartz-feldspar porphyry, rhyolite, may include bleached and altered greenstone
2a meta-basalt, local pillows, greenstone

Eagle Bay Assemblage

1d Felsic Fragmental unit; quartz-eye rhyolite, locally brecciated; felsic meta-tuff, quartz veining and stockwork throughout
1c rusty-weathering felsic schist and phyllite
1b light grey fine grained quartzite
1a black to dark grey carbonaceous phyllites; locally graphitic;

N

500 0 500 1000 meters

1:20,000

Mahood Lake

684000E

5753000N

838995 70, 81, 1·2
838996 48, 45, 4·6

708682

708683
686, 67, 6·5

838997
5, 70, 0·2

838990
19, 10, 0·9

838991
11, 29, 0·3

838999

708681
326, 93, 1·0

708667
12, 125, <0·1

112, 70, 2·3
838987

724, 5, 3·1,
708679

708680 33, 13, 0·2,

838988 1091, 104, 7·3

838998 152, 780, 0·8

838989
105, 310, 2·8

708668
78, 163, 1·3

Maury Lake

Ejas Lake

MAHOOD SOUTH PROPERTY
Kamloops Mining Division; NTS 092P/16
Map Datum NAD 83 Zone 10
DW Ridley Nov. 2011 FIG. 4
Rock Sample Location and Geochemistry

road

838989 Rock sample (outcrop)

838987 Rock sample (float)

Geochemical values in ppm
Pb-Zn-Ag

N

500 0 500 1000 meters

1 : 20,000

Mahood Lake

BKS-10
29, 8, 44, 0·2, 145

DS-6
35, 13, 71, 0·3, 224

26, 6, 51, <0·1, 139
BKS-9

BKS-8
26, 6, 47, 0·2, 105

17, 6, 45, <0·1, 120
BKS-7

11, 5, 46, <0·1, 106
BKS-5

BKS-6
35, 9, 53, 0·2, 80

684000E

5753000N

DS-7
45, 18, 106, 0·3, 431

DS-8
34, 15, 119, 0·2, 440

DS-9
48, 38, 113, 0·4, 452

DS-5
33, 19, 66, 0·1, 172

DS-12
40, 23, 158, 0·3, 342

DS-11
47, 22, 94, 0·2, 204

DS-10
78, 29, 144, 1[illegible], 471

BKS-4
36, 28, 173, 0·2, 219

Maury Lake

Ejas Lake

MAHOOD SOUTH PROPERTY
Kamloops Mining Division; NTS 092P/16
Map Datum NAD 83 Zone 10
DW Ridley Nov. 2011 FIG. 5
Stream Sample Location and Geochemistry

BKS-4 — Stream sample location; arrow denotes stream flow direction

BKS-4 — Stream Geochemical values Cu-Pb-Zn-Ag-Ba (values in ppm)
36, 28, 173, 0·2, 219

road

N

500 0 500 1000 meters

1: 20,000

MAHOOD SOUTH ROCK SAMPLES 2011

sample #	easting	northing	elevation	EPE	
838987	684499	5750397	1410m	7m	grab; rusty-weathering felsic unit; up to 1% py in vugs; abundant qtz veining
838988	684553	5750314	1390m	7m	grab; rusty-weathering felsic unit;Fe carbonate and qtz alteration; minor galena-py
838989	684503	5750291	1399m	4m	grab; qtz-eye rhyolite subcrop; tr galena; abundant clear,glassy qtz veins
838990	685402	5751839	1301m	6m	grab subcrop rubble; rusty felsic schist; 3-5% py
838991	685107	5751743	1305m	6m	float; rusty felsic schist; qtz augens; patchy py-rich spots and lenses; also euhedral py cubes
838995	685584	5752429	1306m	7m	grab 3 meters outcrop; qtz-sericite-py altered meta-sed; in road cut; trends 335/60W
838996	at 838995				grab 7 cm qtz vein along altered argillite-quartzite contact; minor py
838997	685369	5751880	1303m	6m	grab outcrop; white-weathering chlorite-qtz-magnetite schist; up to 5% mag; tr py
838998	684816	5750297	1360m	9m	ang qtz float; minor py-sphalerite (blackjack); nearby outcrop is dark grey argillite; 330/40W
838999	685572	5751528	1333m	6m	40 cms "high-grade" grab from Maury main showing;qtz vein with minor carbonate patches; galena-pyrite
708667	684143	5750771	1400m	6m	grab subcrop rubble; carb altered qtz-eye rhyolite schist;qtz veining; minor py
708668	684718	5750326	1375m	6m	float(?); chloritic mafic tuff? 10-20% py; minor magnetite; tr cpy
708679	684828	5750387	1354m	6m	ang float; qtz vein with 1-3% py, minor galena, tr molybdenite
708680	beside 708679				ang float; sericite-qtz-pyrite altered quartzite;
708681	685599	5751184	1334m	6m	grab subcrop rubble; rusty-weatering felsic schist; fine grained pyrite and lesser galena on fractures
708682	685473	5752219	1301m	6m	grab subcrop; 30 cms qtz vein in rusty felsic schist; galena
708683	685493	5752214	1294m	6m	ang float; rusty vuggy qtz with minor py-galena

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

Client: **Lodestone Explorations Co. Inc.**
P.O. Box 77
Eagle Creek BC V0K 1L0 Canada

Submitted By:	Dave Ridley
Receiving Lab:	Canada-Vancouver
Received:	July 28, 2011
Report Date:	September 29, 2011
Page:	1 of 2

CERTIFICATE OF ANALYSIS VAN11003544.2

CLIENT JOB INFORMATION

Project:	Mahood South
Shipment ID:	
P.O. Number	
Number of Samples:	30

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	30	Crush, split and pulverize 250 g rock to 200 mesh			VAN
1DX1	30	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN
7AX	2	1:1:1 Aqua Regia digestion ICP-ES/ICP-MS analysis	1	Completed	VAN

ADDITIONAL COMMENTS

Version 2: 7AX Pb Ag Se included.

Invoice To: Lodestone Explorations Co. Inc.
P.O. Box 77
Eagle Creek BC V0K 1L0
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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: **Lodestone Explorations Co. Inc.**
P.O. Box 77
Eagle Creek BC V0K 1L0 Canada

Project: Mahood South
Report Date: September 29, 2011

CERTIFICATE OF ANALYSIS VAN11003544.2

Method		WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		kg	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	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
838985	Rock	1.17	2.4	323.7	16.8	42	2.2	40.4	24.6	528	9.45	9.5	2.9	12.0	174	0.3	0.2	0.4	80	3.45	0.076
838986	Rock	1.21	1.7	61.7	12.8	29	0.5	21.3	10.0	646	2.86	45.3	1.4	6.3	213	0.3	0.2	0.2	50	5.45	0.061
838987	Rock	1.16	38.3	9.2	112.8	70	2.3	2.0	1.9	89	2.41	39.3	10.7	12.8	16	0.3	0.7	4.0	9	0.06	0.051
838988	Rock	1.56	4.7	2.7	1091	104	7.3	5.1	1.0	80	0.81	1.1	56.6	1.0	35	0.6	4.3	2.1	3	0.14	0.050
838989	Rock	1.02	2.8	2.1	105.2	310	2.8	0.9	0.5	92	0.69	11.3	28.3	3.7	10	0.8	<0.1	2.0	2	0.04	0.019
838990	Rock	1.24	2.5	71.2	19.2	10	0.9	13.9	3.9	429	2.88	42.3	6.7	4.0	51	0.1	0.5	1.7	50	0.02	0.026
838991	Rock	1.06	0.6	18.4	11.3	29	0.3	47.5	265.8	238	11.83	<0.5	12.1	11.7	25	<0.1	0.1	2.2	18	0.17	0.052
838992	Rock	1.57	0.7	88.1	1.3	38	<0.1	40.4	26.5	523	3.38	3.1	1.3	<0.1	28	<0.1	0.2	<0.1	101	0.99	0.048
838993	Rock	1.32	0.3	44.6	0.5	60	<0.1	61.5	32.6	1026	4.94	13.4	<0.5	0.1	63	<0.1	<0.1	<0.1	163	6.03	0.036
838994	Rock	1.49	0.6	152.9	0.9	18	<0.1	10.8	23.5	245	2.79	3.9	<0.5	0.1	39	<0.1	0.3	<0.1	85	0.95	0.045
838995	Rock	1.09	8.8	26.8	70.6	81	1.2	40.4	4.5	73	1.39	14.7	1.3	6.3	17	0.4	0.2	0.9	13	0.03	0.010
838996	Rock	0.89	1.9	31.5	48.5	45	4.8	51.4	4.1	66	1.44	5.0	34.0	1.4	14	0.3	0.2	3.1	17	0.04	0.021
838997	Rock	1.21	0.5	53.0	5.1	70	0.2	23.3	19.0	798	3.87	1.0	4.2	8.0	97	0.1	<0.1	0.1	44	1.15	0.058
838998	Rock	0.99	0.4	33.8	152.6	780	0.8	6.9	4.1	420	1.30	1.8	0.9	0.9	19	3.6	0.1	1.4	3	0.39	0.012
838999	Rock	0.87	53.9	90.1	>10000	121	>100	25.4	2.4	116	1.77	<0.5	134.3	1.3	48	1.9	30.5	154.5	12	0.04	0.031
838976	Rock	1.47	0.2	30.3	6.9	25	0.7	20.1	17.4	978	2.62	3.8	9.1	<0.1	121	0.2	<0.1	<0.1	68	12.69	0.019
838977	Rock	1.32	0.2	49.5	54.8	38	0.7	48.5	27.3	989	4.71	48.3	37.0	0.1	83	0.2	0.2	0.4	63	7.54	0.040
838978	Rock	1.44	31.5	439.8	3.1	11	1.0	1.9	6.7	79	1.27	1.1	7.3	9.4	8	<0.1	<0.1	0.2	12	0.08	0.015
838979	Rock	1.42	1.6	125.6	26.1	35	0.8	28.0	13.6	218	3.39	34.0	59.0	4.1	17	<0.1	0.5	0.6	33	0.20	0.035
838980	Rock	1.48	7.9	36.9	15.8	85	0.8	29.1	9.9	364	2.45	13.3	3.6	5.4	128	0.7	1.7	0.2	45	0.53	0.063
708664	Rock	1.26	3.2	97.9	14.5	16	0.3	4.9	5.6	202	1.24	26.5	1.4	0.4	45	<0.1	0.3	0.2	9	0.73	0.014
708665	Rock	1.10	0.3	91.2	0.4	48	<0.1	34.2	26.0	666	3.87	7.9	<0.5	<0.1	22	<0.1	0.4	<0.1	115	1.72	0.048
708666	Rock	1.28	1.2	33.2	3.6	30	<0.1	18.3	15.6	895	3.09	20.8	<0.5	<0.1	81	0.2	0.4	<0.1	96	10.36	0.044
708667	Rock	1.19	1.2	2.6	12.6	125	<0.1	2.8	9.9	637	2.63	6.7	<0.5	13.2	19	0.3	<0.1	<0.1	14	0.06	0.030
708668	Rock	1.50	48.0	334.5	76.3	163	1.3	114.0	55.1	1039	9.28	6.7	26.4	21.7	172	0.3	0.3	2.1	51	0.49	0.133
708679	Rock	1.02	11.8	15.5	724.8	5	3.1	6.8	2.2	54	0.88	8.8	13.6	<0.1	8	0.2	0.8	4.3	<2	0.02	<0.001
708680	Rock	1.06	0.7	6.0	33.6	13	0.2	18.7	8.3	115	1.94	52.8	257.0	4.6	12	0.2	0.1	0.1	3	0.03	0.007
708681	Rock	1.43	51.3	34.6	325.5	93	1.0	39.5	20.8	196	4.01	12.3	5.3	9.5	175	0.4	0.7	1.4	7	0.36	0.137
708682	Rock	1.33	9.7	20.3	9751	214	54.3	10.7	1.0	84	2.57	<0.5	91.9	1.9	111	1.2	11.9	41.0	21	0.17	0.122
708683	Rock	1.39	2.9	5.5	686.6	67	6.5	23.9	5.4	89	2.68	11.9	33.3	0.4	76	0.3	0.9	9.0	3	0.25	0.020

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: **Lodestone Explorations Co. Inc.**
P.O. Box 77
Eagle Creek BC V0K 1L0 Canada

Project: Mahood South
Report Date: September 29, 2011

CERTIFICATE OF ANALYSIS VAN11003544.2

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7AX	7AX	7AX
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Pb	Ag	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.5	0.5	2
838985	Rock	5	55	0.82	74	0.029	<20	7.19	0.287	0.10	2.8	<0.01	8.3	<0.1	4.35	17	22.0	0.2	N.A.	N.A.	N.A.
838986	Rock	4	35	0.72	112	0.031	<20	4.67	0.198	0.08	0.3	<0.01	4.6	0.2	0.77	11	4.7	<0.2	N.A.	N.A.	N.A.
838987	Rock	19	6	0.27	22	0.002	<20	0.49	0.108	0.04	<0.1	<0.01	2.1	<0.1	0.47	2	5.1	0.6	N.A.	N.A.	N.A.
838988	Rock	3	4	0.07	18	0.001	<20	0.11	0.013	0.01	<0.1	0.02	0.6	<0.1	<0.05	<1	9.3	1.4	N.A.	N.A.	N.A.
838989	Rock	13	3	0.16	4	<0.001	<20	0.25	0.064	<0.01	<0.1	<0.01	0.8	<0.1	<0.05	<1	1.3	0.9	N.A.	N.A.	N.A.
838990	Rock	11	24	0.16	458	0.008	<20	0.32	0.059	0.14	<0.1	<0.01	2.4	<0.1	0.22	2	5.7	0.3	N.A.	N.A.	N.A.
838991	Rock	9	6	0.18	11	0.004	<20	0.72	0.022	0.12	<0.1	<0.01	1.9	<0.1	6.95	2	17.7	0.2	N.A.	N.A.	N.A.
838992	Rock	1	59	1.50	49	0.304	<20	1.80	0.046	0.01	<0.1	<0.01	7.7	<0.1	0.31	5	<0.5	<0.2	N.A.	N.A.	N.A.
838993	Rock	2	120	2.63	22	0.035	<20	1.47	0.021	0.07	<0.1	<0.01	18.1	<0.1	0.05	5	<0.5	<0.2	N.A.	N.A.	N.A.
838994	Rock	<1	11	0.61	10	0.368	<20	1.13	0.018	0.02	<0.1	<0.01	3.1	<0.1	0.37	3	0.5	<0.2	N.A.	N.A.	N.A.
838995	Rock	12	7	0.07	1011	0.002	<20	0.36	0.022	0.13	0.1	<0.01	1.1	<0.1	0.13	1	1.3	0.2	N.A.	N.A.	N.A.
838996	Rock	6	22	0.15	108	0.001	<20	0.23	0.056	0.01	<0.1	<0.01	1.3	<0.1	0.46	1	2.8	1.2	N.A.	N.A.	N.A.
838997	Rock	10	10	0.45	190	0.003	<20	0.64	0.045	0.13	<0.1	<0.01	3.0	<0.1	0.33	2	0.7	<0.2	N.A.	N.A.	N.A.
838998	Rock	2	4	0.21	76	0.003	<20	0.29	0.005	0.04	<0.1	<0.01	0.9	<0.1	0.17	1	0.7	0.2	N.A.	N.A.	N.A.
838999	Rock	4	17	0.15	23	<0.001	<20	0.19	0.029	0.02	<0.1	<0.01	1.3	<0.1	0.83	<1	>100	24.3	25362	150.1	96
838976	Rock	1	33	1.80	12	0.016	<20	1.51	0.006	0.07	<0.1	<0.01	7.8	<0.1	0.05	4	<0.5	<0.2	N.A.	N.A.	N.A.
838977	Rock	2	68	2.66	33	0.002	<20	1.81	0.010	0.24	<0.1	<0.01	17.5	<0.1	0.60	4	<0.5	<0.2	N.A.	N.A.	N.A.
838978	Rock	12	5	0.15	50	0.040	<20	0.29	0.046	0.16	0.3	<0.01	0.7	0.1	0.12	1	0.9	<0.2	N.A.	N.A.	N.A.
838979	Rock	10	25	0.54	63	0.020	<20	1.57	0.035	0.24	4.2	<0.01	3.1	0.1	0.99	5	1.9	<0.2	N.A.	N.A.	N.A.
838980	Rock	7	25	0.64	123	0.022	<20	1.94	0.065	0.09	<0.1	0.02	3.1	<0.1	<0.05	5	2.7	<0.2	N.A.	N.A.	N.A.
708664	Rock	<1	4	0.32	13	0.006	<20	0.49	0.007	<0.01	0.1	<0.01	1.3	<0.1	0.26	2	2.2	<0.2	N.A.	N.A.	N.A.
708665	Rock	<1	89	1.89	31	0.338	<20	2.17	0.046	0.07	<0.1	<0.01	3.4	<0.1	0.20	6	0.6	<0.2	N.A.	N.A.	N.A.
708666	Rock	<1	39	1.28	6	0.127	<20	1.78	0.019	0.03	<0.1	<0.01	10.9	<0.1	0.05	5	<0.5	<0.2	N.A.	N.A.	N.A.
708667	Rock	20	3	0.09	86	0.002	<20	0.53	0.087	0.09	<0.1	<0.01	2.8	<0.1	0.40	<1	0.8	<0.2	N.A.	N.A.	N.A.
708668	Rock	94	24	1.13	19	0.037	<20	1.77	0.029	0.50	0.3	<0.01	4.3	0.3	5.27	5	4.9	0.4	N.A.	N.A.	N.A.
708679	Rock	<1	<1	0.04	4	<0.001	<20	0.08	0.003	<0.01	<0.1	<0.01	0.2	<0.1	0.28	<1	1.0	0.6	N.A.	N.A.	N.A.
708680	Rock	8	4	0.18	50	0.002	<20	0.44	0.007	0.10	<0.1	<0.01	0.6	<0.1	0.96	<1	<0.5	<0.2	N.A.	N.A.	N.A.
708681	Rock	20	11	0.07	32	<0.001	<20	0.17	0.111	0.01	<0.1	<0.01	3.1	<0.1	1.89	<1	2.3	0.3	N.A.	N.A.	N.A.
708682	Rock	10	15	0.05	147	0.002	<20	0.17	0.059	0.07	0.1	0.03	1.1	<0.1	0.38	<1	56.5	8.1	9486	54.2	56
708683	Rock	1	4	0.04	62	<0.001	<20	0.04	0.036	0.05	<0.1	<0.01	0.6	<0.1	1.15	<1	5.6	1.2	N.A.	N.A.	N.A.

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: **Lodestone Explorations Co. Inc.**
P.O. Box 77
Eagle Creek BC V0K 1L0 Canada

Project: Mahood South
Report Date: September 29, 2011

QUALITY CONTROL REPORT VAN11003544.2

	Method	WGHT	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	kg	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	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
REP G1	QC		0.2	2.2	3.3	50	<0.1	3.6	4.7	596	2.11	0.5	0.8	5.0	66	<0.1	<0.1	<0.1	39	0.53	0.085
Core Reject Duplicates																					
838995	Rock	1.09	8.8	26.8	70.6	81	1.2	40.4	4.5	73	1.39	14.7	1.3	6.3	17	0.4	0.2	0.9	13	0.03	0.010
DUP 838995	QC		8.8	27.0	71.3	82	1.2	41.8	4.6	72	1.40	15.0	0.8	6.1	17	0.5	0.2	0.9	13	0.03	0.011
Reference Materials																					
STD DS8	Standard		14.7	116.4	135.9	337	2.0	41.6	8.1	634	2.56	25.3	115.3	6.9	69	2.4	4.0	6.8	45	0.77	0.082
STD OREAS45CA	Standard		0.8	522.7	21.8	65	0.3	243.3	96.8	955	15.54	3.7	42.9	7.2	15	<0.1	<0.1	0.2	227	0.43	0.039
STD SF-3A	Standard																				
STD SF-3A	Standard																				
STD DS8 Expected			13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	4.8	6.67	41.1	0.7	0.08
STD OREAS45CA Expected			1	494	20	60	0.275	240	92	943	15.69	3.8	43	7	15	0.1	0.13	0.19	215	0.4265	0.0385
STD SF-3A Expected																					
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	<0.01																			
G1	Prep Blank	<0.01	0.1	2.0	3.0	47	<0.1	3.4	4.3	564	1.91	<0.5	<0.5	5.1	61	<0.1	<0.1	<0.1	36	0.47	0.077
G1	Prep Blank		0.2	2.3	3.4	50	<0.1	3.9	4.7	583	2.06	<0.5	0.8	5.3	65	<0.1	<0.1	<0.1	38	0.52	0.082

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: **Lodestone Explorations Co. Inc.**
P.O. Box 77
Eagle Creek BC V0K 1L0 Canada

Project: Mahood South
Report Date: September 29, 2011

QUALITY CONTROL REPORT VAN11003544.2

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7AX	7AX	7AX
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Pb	Ag	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.5	0.5	2
Pulp Duplicates																					
REP G1	QC	11	8	0.60	229	0.138	<20	1.12	0.103	0.50	<0.1	<0.01	2.3	0.3	<0.05	5	<0.5	<0.2			
Core Reject Duplicates																					
838995	Rock	12	7	0.07	1011	0.002	<20	0.36	0.022	0.13	0.1	<0.01	1.1	<0.1	0.13	1	1.3	0.2	N.A.	N.A.	N.A.
DUP 838995	QC	11	7	0.07	888	0.002	<20	0.32	0.018	0.11	0.1	<0.01	1.1	<0.1	0.12	<1	1.3	<0.2	N.A.	N.A.	N.A.
Reference Materials																					
STD DS8	Standard	16	126	0.63	309	0.115	<20	0.99	0.098	0.42	2.8	0.21	2.3	5.8	0.18	5	5.2	5.1			
STD OREAS45CA	Standard	17	746	0.16	161	0.129	<20	3.86	0.008	0.08	<0.1	0.03	38.3	0.1	<0.05	20	<0.5	<0.2			
STD SF-3A	Standard																		8589	52.0	8
STD SF-3A	Standard																		8417	53.2	8
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5			
STD OREAS45CA Expected		15.9	709	0.1358	164	0.128		3.592	0.0075	0.0717		0.03	39.7	0.07	0.021	18.4	0.5				
STD SF-3A Expected																			8715	54	8.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2			
BLK	Blank																		<0.5	<0.5	<2
Prep Wash																					
G1	Prep Blank																		N.A.	N.A.	N.A.
G1	Prep Blank	11	7	0.56	216	0.125	<20	0.97	0.075	0.46	<0.1	<0.01	2.0	0.3	<0.05	5	<0.5	<0.2	N.A.	N.A.	N.A.
G1	Prep Blank	12	8	0.60	228	0.139	<20	1.05	0.095	0.51	<0.1	<0.01	2.2	0.3	<0.05	5	<0.5	<0.2			

MAHOOD SOUTH STREAM SAMPLES 2011

sample #	easting	northing	elevation	EPE
MS11DS-5	681849	5751519	1085m	9m
MS11DS-6	681669	5753403	832m	6m
MS11DS-7	684280	5752809	1243m	6m
MS11DS-8	684710	5752478	1281m	12m
MS11DS-9	685741	5752656	1331m	6m
MS11DS10	685402	5751852	1300m	6m
MS11DS-11	685133	5751790	1297m	6m
MS11DS-12	684444	5751743	1231m	7m
MH11BKS-4	684409	5750909	1372m	6m
MS11BKS-5	686024	5755157	803m	10m
MS11BKS-6	685773	5754979	799m	10m
MS11BKS-7	686448	5755025	834m	7m
MS11BKS-8	684269	5754880	895m	9m
MS11BKS-9	684118	5754908	903m	7m
MS11BKS-10	681710	5753658	827m	6m

AcmeLabs Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

Client: **Lodestone Explorations Co. Inc.**
P.O. Box 77
Eagle Creek BC V0K 1L0 Canada

Submitted By: Dave Ridley
Receiving Lab: Canada-Vancouver
Received: June 21, 2011
Report Date: July 13, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS VAN11002698.1

CLIENT JOB INFORMATION

Project:	Mahood South
Shipment ID:	
P.O. Number	
Number of Samples:	26

SAMPLE DISPOSAL

DISP-PLP	Dispose of Pulp After 90 days
DISP-RJT-SOIL	Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	26	Dry at 60C			VAN
SS80	26	Dry at 60C sieve 100g to -80 mesh			VAN
1DX1	26	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Lodestone Explorations Co. Inc.
P.O. Box 77
Eagle Creek BC V0K 1L0
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Lodestone Explorations Co. Inc.**
P.O. Box 77
Eagle Creek BC V0K 1L0 Canada

Project: Mahood South
Report Date: July 13, 2011

CERTIFICATE OF ANALYSIS VAN11002698.1

Method		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
MS11DS-1	Silt	0.7	39.0	14.0	74	0.2	56.8	20.3	579	3.23	7.2	2.1	5.4	28	0.2	0.1	0.2	59	0.67	0.072	14
MS11DS-2	Silt	0.5	28.5	9.1	45	<0.1	38.2	14.6	381	2.18	4.9	<0.5	4.2	21	<0.1	<0.1	0.2	44	0.39	0.057	13
MS11DS-3	Silt	0.6	18.7	10.7	48	<0.1	32.8	12.5	438	2.03	11.3	1.1	5.1	21	0.2	0.1	0.1	39	0.31	0.065	16
MS11DS-4	Silt	0.6	24.4	10.1	49	<0.1	30.4	10.8	320	1.91	5.5	1.2	5.5	16	<0.1	<0.1	0.1	41	0.26	0.047	19
MS11DS-5	Silt	1.1	33.1	19.9	66	0.1	39.3	17.9	407	2.66	9.0	1.1	8.3	25	0.1	<0.1	0.2	62	0.30	0.063	24
MS11DS-6	Silt	0.6	35.2	13.7	71	0.3	58.7	15.8	392	2.74	5.9	<0.5	4.8	92	0.4	<0.1	0.2	39	1.38	0.064	15
MS11DS-7	Silt	0.8	45.5	18.2	106	0.3	72.3	20.4	552	3.36	8.4	2.3	7.0	35	0.5	0.2	0.3	48	0.43	0.068	17
SHAD11DS-1	Silt	0.3	19.6	4.6	29	0.1	21.3	9.5	298	1.62	3.5	<0.5	2.9	16	<0.1	<0.1	<0.1	39	0.36	0.035	9
SHAD11DS-2	Silt	0.5	50.2	11.1	58	0.2	47.7	17.1	470	2.94	4.9	<0.5	4.6	19	0.2	<0.1	0.2	61	0.45	0.052	13
SHAD11DS-3	Silt	0.4	52.4	9.6	60	0.2	52.3	18.7	516	2.84	5.8	<0.5	4.4	23	0.2	<0.1	0.2	58	0.78	0.050	11
SHAD11DS-4	Silt	0.4	87.0	7.5	64	0.1	52.6	26.0	644	4.01	8.8	1.0	3.2	20	0.2	0.1	0.2	100	1.16	0.033	8
MH11BKS-1	Silt	0.8	55.3	11.4	87	0.3	48.4	14.9	515	2.85	6.2	<0.5	4.6	27	1.1	0.2	0.2	56	0.69	0.041	13
MH11BKS-2	Silt	0.8	35.1	11.6	90	0.3	39.5	14.5	339	2.85	5.1	<0.5	9.3	31	0.2	<0.1	0.3	62	0.51	0.063	56
MH11BKS-3	Silt	0.4	35.3	6.1	41	0.1	38.6	15.4	422	2.50	4.4	<0.5	2.4	18	<0.1	<0.1	0.1	61	0.61	0.037	8
MH11BKS-4	Silt	1.3	36.5	28.1	173	0.2	48.3	20.2	727	3.05	13.1	1.4	7.2	49	0.4	0.2	0.4	40	0.28	0.056	21
MS11BKS-5	Silt	0.3	11.3	5.5	46	<0.1	33.8	12.4	171	2.30	1.2	0.7	3.3	65	0.2	<0.1	0.1	34	0.85	0.066	10
MS11BKS-6	Silt	0.3	35.8	9.3	53	0.2	68.0	11.6	143	1.81	3.2	<0.5	3.1	37	0.1	<0.1	0.1	29	0.41	0.039	12
MS11BKS-7	Silt	0.3	17.8	6.4	45	<0.1	77.6	16.9	223	2.33	2.3	<0.5	3.2	29	<0.1	<0.1	0.1	31	0.26	0.040	7
MS11BKS-8	Silt	0.3	26.4	6.0	47	0.2	74.6	17.3	471	2.41	5.3	<0.5	2.1	35	0.2	<0.1	0.1	32	0.44	0.048	10
MS11BKS-9	Silt	0.2	26.0	6.4	51	<0.1	59.4	19.1	571	2.93	1.8	<0.5	4.3	40	0.2	<0.1	0.1	39	0.42	0.053	12
MS11BKS-10	Silt	0.3	29.7	8.1	44	0.2	53.5	14.1	441	2.30	4.6	<0.5	2.8	55	0.2	<0.1	0.1	31	0.65	0.051	12
MS11DS-8	Silt	0.8	34.6	15.1	119	0.2	69.2	19.3	479	3.02	5.4	0.9	6.7	36	0.2	0.2	0.3	46	0.41	0.075	17
MS11DS-9	Silt	1.4	48.2	30.5	113	0.4	83.9	22.3	683	4.09	11.3	2.3	7.7	43	0.5	0.1	0.3	64	0.44	0.077	20
MS11DS-10	Silt	5.3	78.6	29.0	144	1.5	96.0	29.3	2569	5.47	13.6	3.1	6.1	69	0.9	0.1	0.6	61	0.47	0.080	25
MS11DS-11	Silt	1.0	47.0	22.7	94	0.2	53.2	18.2	480	3.43	7.1	<0.5	9.5	31	0.2	0.1	0.3	39	0.24	0.080	21
MS11DS-12	Silt	2.2	40.1	23.3	158	0.3	61.3	18.6	1100	3.66	13.3	<0.5	6.1	45	0.5	0.1	0.3	51	0.31	0.073	20

AcmeLabs 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: **Lodestone Explorations Co. Inc.**
P.O. Box 77
Eagle Creek BC V0K 1L0 Canada

Project: Mahood South
Report Date: July 13, 2011

CERTIFICATE OF ANALYSIS VAN11002698.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	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
	MDL	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
MS11DS-1	Silt	60	1.02	205	0.100	<20	1.80	0.021	0.24	<0.1	<0.01	3.5	0.2	<0.05	5	0.9	<0.2
MS11DS-2	Silt	39	0.81	134	0.084	<20	1.16	0.014	0.11	<0.1	<0.01	2.6	<0.1	<0.05	3	0.6	<0.2
MS11DS-3	Silt	33	0.61	124	0.075	<20	0.98	0.011	0.10	<0.1	<0.01	1.9	<0.1	<0.05	3	<0.5	<0.2
MS11DS-4	Silt	33	0.57	136	0.071	<20	1.05	0.009	0.10	<0.1	<0.01	2.1	<0.1	<0.05	3	<0.5	<0.2
MS11DS-5	Silt	42	0.63	172	0.075	<20	1.50	0.012	0.19	<0.1	<0.01	2.9	0.1	<0.05	4	<0.5	<0.2
MS11DS-6	Silt	50	0.85	224	0.079	<20	1.60	0.020	0.23	<0.1	0.01	2.7	0.1	0.10	5	0.9	<0.2
MS11DS-7	Silt	55	0.98	431	0.083	<20	1.79	0.025	0.32	<0.1	<0.01	3.5	0.2	<0.05	5	1.0	<0.2
SHAD11DS-1	Silt	30	0.49	108	0.100	<20	1.01	0.013	0.06	<0.1	0.01	2.3	<0.1	<0.05	3	0.8	<0.2
SHAD11DS-2	Silt	51	0.81	232	0.124	<20	1.81	0.016	0.21	<0.1	0.01	4.0	0.2	<0.05	5	0.6	<0.2
SHAD11DS-3	Silt	54	1.02	217	0.126	<20	1.85	0.020	0.25	<0.1	<0.01	4.0	0.2	<0.05	5	<0.5	<0.2
SHAD11DS-4	Silt	92	1.41	178	0.215	<20	2.69	0.009	0.18	<0.1	<0.01	5.7	0.1	<0.05	7	0.9	<0.2
MH11BKS-1	Silt	51	0.79	238	0.124	<20	1.96	0.019	0.23	0.1	0.02	4.1	0.1	<0.05	5	0.7	<0.2
MH11BKS-2	Silt	57	0.76	276	0.126	<20	2.54	0.018	0.24	0.2	0.06	5.6	0.3	<0.05	7	1.3	<0.2
MH11BKS-3	Silt	51	0.84	116	0.131	<20	1.49	0.014	0.08	<0.1	0.03	3.8	<0.1	<0.05	4	<0.5	<0.2
MH11BKS-4	Silt	41	0.71	219	0.062	<20	1.58	0.009	0.21	<0.1	0.01	3.0	0.2	<0.05	4	0.7	<0.2
MS11BKS-5	Silt	43	0.38	106	0.172	<20	1.24	0.048	0.14	<0.1	0.02	2.5	<0.1	0.13	4	2.1	<0.2
MS11BKS-6	Silt	38	0.72	80	0.066	<20	1.18	0.019	0.15	0.2	0.02	2.2	0.1	<0.05	3	0.8	<0.2
MS11BKS-7	Silt	35	1.10	120	0.121	<20	1.38	0.012	0.15	<0.1	0.01	2.1	<0.1	<0.05	3	0.7	<0.2
MS11BKS-8	Silt	36	1.17	105	0.110	<20	1.10	0.020	0.14	<0.1	0.02	2.3	0.1	<0.05	3	0.7	<0.2
MS11BKS-9	Silt	43	1.12	139	0.148	<20	1.60	0.027	0.28	<0.1	<0.01	3.8	0.1	<0.05	5	<0.5	<0.2
MS11BKS-10	Silt	41	0.84	145	0.092	<20	1.19	0.022	0.14	<0.1	<0.01	2.0	<0.1	<0.05	3	0.9	<0.2
MS11DS-8	Silt	53	0.94	440	0.080	<20	1.60	0.022	0.31	<0.1	<0.01	3.5	0.2	<0.05	5	0.9	<0.2
MS11DS-9	Silt	68	1.32	452	0.098	<20	2.02	0.022	0.36	<0.1	<0.01	4.9	0.4	<0.05	7	0.5	<0.2
MS11DS-10	Silt	54	0.70	471	0.093	<20	2.72	0.010	0.24	0.1	0.09	6.2	0.3	<0.05	7	1.4	<0.2
MS11DS-11	Silt	40	0.74	204	0.067	<20	1.78	0.007	0.15	<0.1	0.02	2.8	0.1	<0.05	5	<0.5	<0.2
MS11DS-12	Silt	51	0.80	342	0.068	<20	1.95	0.011	0.29	<0.1	0.02	3.7	0.2	<0.05	6	0.7	<0.2

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: **Lodestone Explorations Co. Inc.**
P.O. Box 77
Eagle Creek BC V0K 1L0 Canada

Project: Mahood South
Report Date: July 13, 2011

QUALITY CONTROL REPORT VAN11002698.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
Pulp Duplicates																					
MS11BKS-8	Silt	0.3	26.4	6.0	47	0.2	74.6	17.3	471	2.41	5.3	<0.5	2.1	35	0.2	<0.1	0.1	32	0.44	0.048	10
REP MS11BKS-8	QC	0.3	29.5	6.0	51	0.2	80.0	18.4	515	2.58	6.0	<0.5	2.3	38	0.3	<0.1	0.1	35	0.50	0.049	10
Reference Materials																					
STD DS8	Standard	13.1	112.1	117.8	311	2.0	37.4	7.6	620	2.38	27.8	96.6	6.5	65	2.3	3.7	5.9	43	0.70	0.083	14
STD DS8	Standard	13.7	117.4	134.7	325	1.8	40.4	8.4	618	2.51	28.6	112.7	6.4	61	2.6	4.3	6.6	43	0.69	0.082	13
STD OREAS45CA	Standard	0.5	459.4	19.8	60	0.2	218.1	89.1	888	14.26	3.7	47.0	7.1	15	<0.1	<0.1	0.2	187	0.41	0.039	15
STD OREAS45CA	Standard	1.0	577.6	19.1	66	0.3	263.8	99.3	977	16.41	4.3	38.4	6.6	15	<0.1	<0.1	0.2	223	0.47	0.040	16
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	4.8	6.67	41.1	0.7	0.08	14.6
STD OREAS45CA Expected		1	494	20	60	0.275	240	92	943	15.69	3.8	43	7	15	0.1	0.13	0.19	215	0.4265	0.0385	15.9
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1

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: **Lodestone Explorations Co. Inc.**
P.O. Box 77
Eagle Creek BC V0K 1L0 Canada

Project: Mahood South
Report Date: July 13, 2011

QUALITY CONTROL REPORT VAN11002698.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	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
	MDL	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																	
MS11BKS-8	Silt	36	1.17	105	0.110	<20	1.10	0.020	0.14	<0.1	0.02	2.3	0.1	<0.05	3	0.7	<0.2
REP MS11BKS-8	QC	40	1.17	104	0.121	<20	1.20	0.023	0.16	<0.1	0.02	2.5	<0.1	<0.05	4	<0.5	<0.2
Reference Materials																	
STD DS8	Standard	117	0.58	299	0.108	<20	0.91	0.087	0.42	2.2	0.20	2.0	5.3	0.17	5	5.0	4.8
STD DS8	Standard	121	0.64	301	0.109	<20	0.90	0.088	0.43	2.4	0.21	2.2	5.4	0.18	5	5.4	5.0
STD OREAS45CA	Standard	639	0.13	162	0.097	<20	3.62	0.011	0.07	<0.1	0.02	32.1	<0.1	<0.05	18	0.8	<0.2
STD OREAS45CA	Standard	782	0.14	167	0.138	<20	3.66	0.012	0.08	<0.1	0.03	40.4	<0.1	<0.05	19	0.8	<0.2
STD DS8 Expected		115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
STD OREAS45CA Expected		709	0.1358	164	0.128		3.592	0.0075	0.0717		0.03	39.7	0.07	0.021	18.4	0.5	
BLK	Blank	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2