

# **Assessment Report**

BC Geological Survey  
Assessment Report  
29459

**Diamond Drilling  
Lennac Lake Property  
Drill holes LL07-1 to LL07-3**

**Tenure Nos.: 504371, 551061, 551062,  
552271, 552272, 552273, 552274  
552275, 552276**

**Omenica Mining Division  
NTS Map 93L/9  
Latitude: 54° 45'N  
Longitude: 126° 20'W**

**Owners: D.G. MacIntyre and V.H. Parsons  
Operator: Dentonia Resources Ltd.**

**Report prepared by:  
D.G. MacIntyre, Ph.D., P.Eng.**

**November 26, 2007**

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## **SUMMARY**

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The Lennac Lake property is located west of Babine Lake in west central British Columbia. This property covers a number of copper-molybdenum showings that were first discovered by Amax Exploration Inc. in 1971. Amax did a limited amount of drilling in 1973 and 1974 before allowing the claims to lapse. This work defined two areas of low grade Cu mineralization - the West and East zones. Subsequent operators on the property have included Kennecott, Cominco and Hudson Bay Exploration and Development. These companies did very little work on the property. Subsequently the claims were allowed to expire and the property was re-staked by D.MacIntyre and V.Parsons in September 2004.

In 2007, the main focus of work on the property was the Southeast Zone. This zone is comprised of several Cu-Mo showings that have been exposed by trenching in a flat lying, heavily treed area that is virtually devoid of outcrop. This preliminary phase of exploration, completed between August 20 and September 3, 2007 involved drilling three short AQ diamond drill holes targeting the northern part of the southeast zone. The drill holes intersected anomalous concentrations of Cu, Ag, Mo and Au hosted by clay-silica altered lapilli tuffs, breccias and porphyry dykes. The results of this drilling are the subject of this report.

## **LOCATION, ACCESS AND PHYSIOGRAPHY**

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The Lennac Lake property is located west of Babine Lake in west central British Columbia. The nearest town is Granisle, about 18 kilometres northeast of the property. The Lennac Lake claims are reached by traveling northeast along the Granisle highway from the village of Topley on Highway 16 to kilometre 29, turning left onto the Shoulder Forest Service Road (not maintained) then five kilometres to the start of an old four-wheel drive exploration road that extends seven kilometres west to the original showings. The approximate location of the center of the claim block is at latitude is 54° 45' N and longitude 126° 20' W. The property is located on NTS map 93L/9.

The Lennac Lake claims cover a relatively flat plateau area with elevations ranging from 880 to 1050 metres. Lower areas on the property, especially to the south, are swampy but there are also low rises covered by open pine forest growing on relatively well drained overburden. Outcrop is scarce but the southeast showings were exposed by trenching with the overburden only a metre deep. Elsewhere thick glacial outwash sands and gravels cover bedrock.

The Lennac Lake property is ideally located for development. An all weather paved highway is within a few kilometers of the showings as is a transmission line that serves the community of Granisle. The CN railway line is located approximately 40 kilometres south of the property and is accessible via the Granisle Highway or Houston Forest products haulage road. The property is relatively flat and is largely covered by pine forest growing on gravel outwash deposits. Much of the pine is infected with pine beetle and will probably die within the next few years. Much of this pine may be logged as part of a salvage operation.

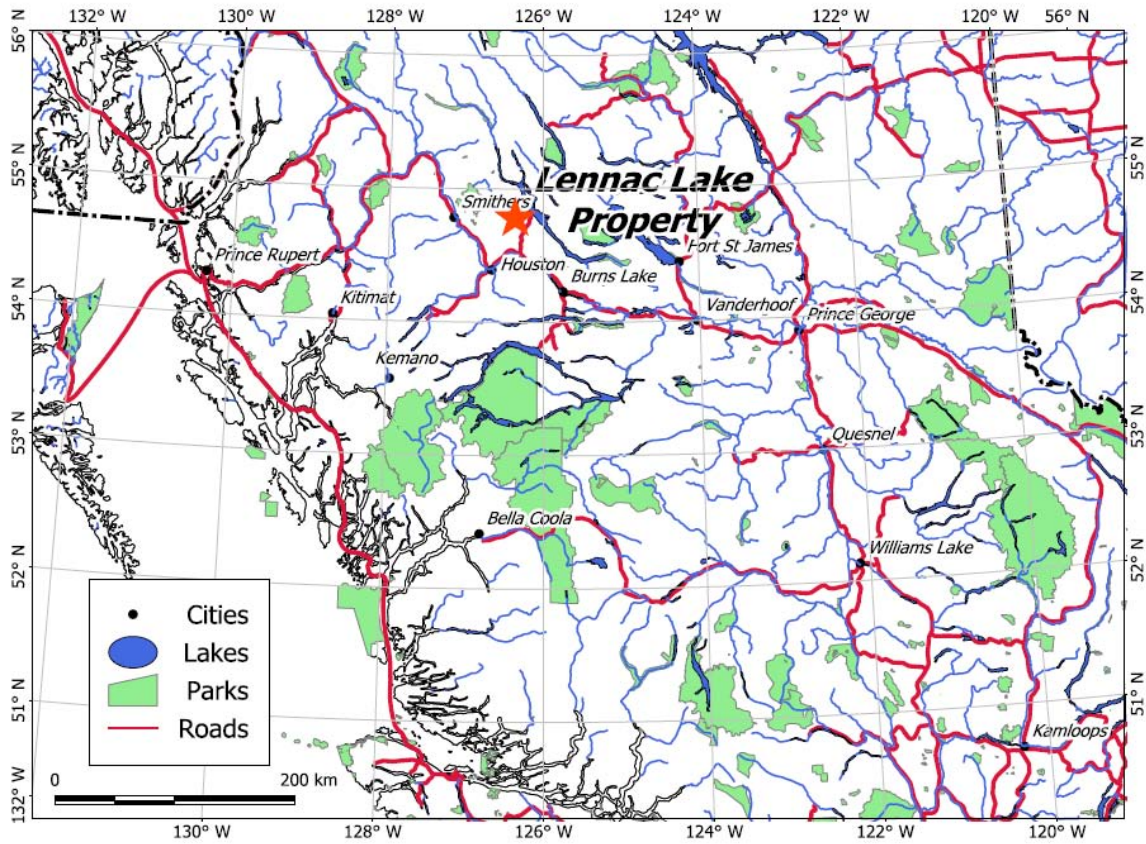


Figure 1. General location map, Lennac Lake property

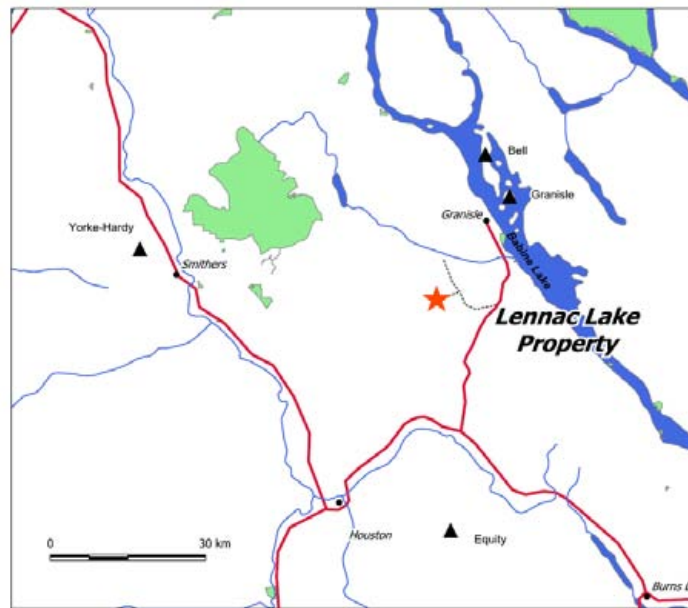


Figure 2. Access routes, Lennac Lake Property. Triangles represent the location of major porphyry Cu and Mo deposits in the area.

## HISTORY

The Lennac Lake copper-molybdenum prospect was first discovered by Amax Exploration Inc. in 1971 and staked as the Thezar claims (Leary and Allen, 1972). (Minfile Nos. 93L 190, 191). Work on the property defined four areas of low-grade copper mineralization. After completing an IP survey (Depaoli and Allen, 1972) Amax drilled 44 percussion holes in 1973 and five diamond drill holes in 1974 (Hodgson, 1974). At the same time, British Newfoundland Exploration Ltd. drilled 11 percussion and three diamond-drill holes on the Jacob showing south of the Thezar claims. The claims were, in both cases, allowed to lapse.

In 1990, L. Bourgh restaked the property and it was optioned to Kennecott Exploration (Canada) Ltd. Kennecott completed geological mapping, prospecting and trenching and found additional copper showings on the east side of the property (the southeast showings) (Smit and Harival, 1992). Cominco Ltd. optioned the property in 1993 and did additional prospecting, soil geochemistry and trench sampling of the southeast showings (Callan, 1993; Jackisch, 1993).

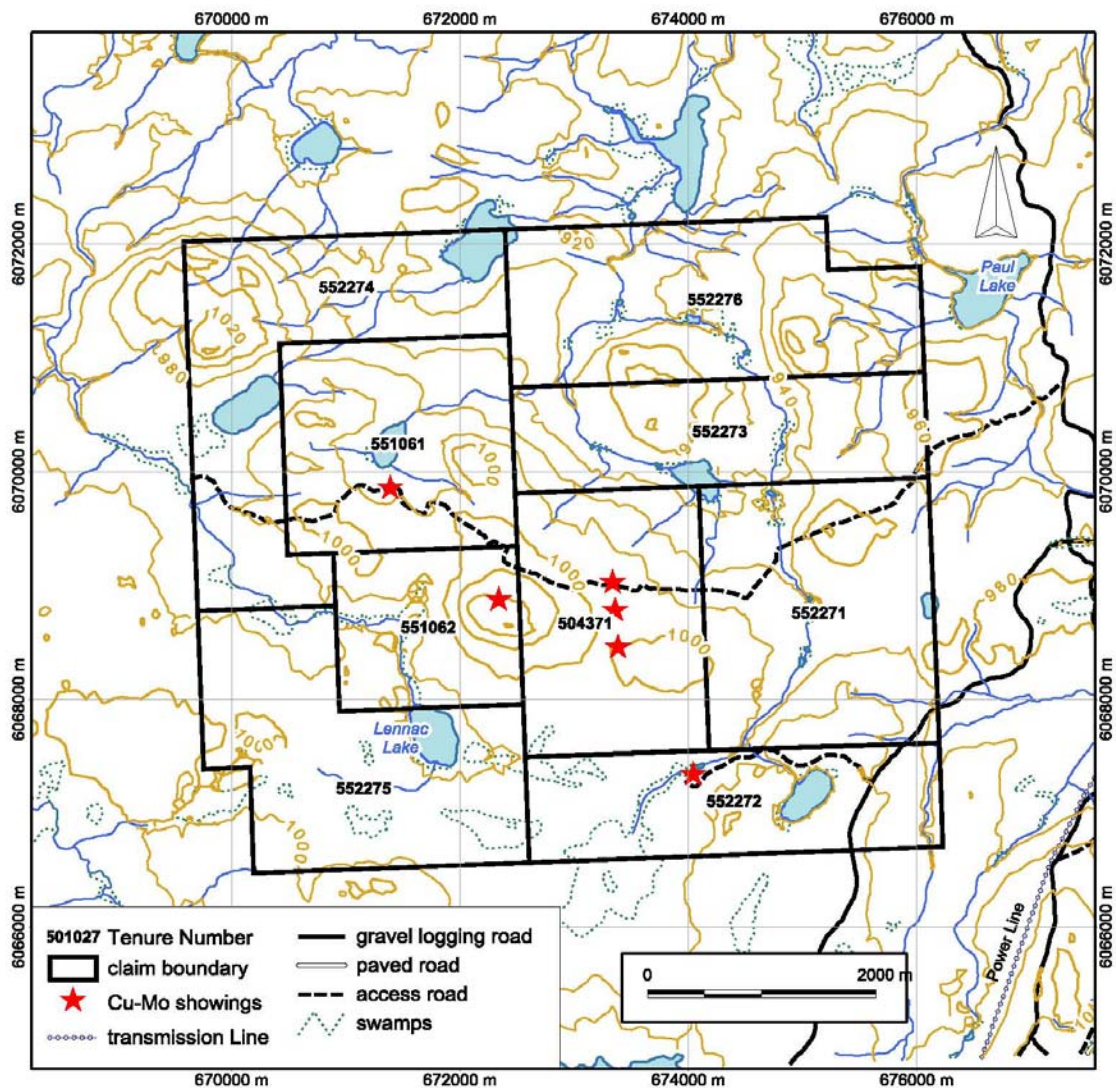


Figure 3. Claim location map. Claim information taken from Mineral Titles on Line

Hudson Bay Exploration and Development held the property in 1998. After airborne electromagnetic surveys, it was concluded that grids should be investigated for outcrop and soil geochemistry in the vicinity of several EM anomalies (Bidwell, 1998). However, Hudson Bay dropped the claims in July 2004.

## TENURE

Six two-post legacy claims were staked over the southeast showings in September 2004 by D.G. MacIntyre and V.H. Parsons of Victoria. Additional claims to cover the original Thezar and Jacob showings were added on Jan. 12, 2005 when Mineral-Titles-On-Line electronic staking was inaugurated by the B.C. Ministry of Energy, Mines and Petroleum Resources.. The original two-post claims were subsequently converted to cell claims. As of December 2007, the property was comprised of 9 cell claims covering 3510.11 hectares. A list of mineral tenures comprising the Lennac Lake property showing good-to-dates, tenure owners and hectares for each cell claim is given in Table 1. Claim boundaries relative to known Cu-Mo showings, topographic features and access routes are shown on Figure 3. Work discussed in this report was done on tenure 504371 between August 15 and September 3, 2007.

**Table 1. List of Mineral Tenures, Lennac Lake Property**

Tenure No.	Issue Date	Good to date	Owners	Hectares
504371	2005/Jan/20	2012/Sep/16	D.MacIntyre/V.Parsons	373.47
551061	2007/Feb/03	2012/Jan/10	D.MacIntyre/V.Parsons	373.34
551062	2007/Feb/03	2012/Jan/10	D.MacIntyre/V.Parsons	224.08
552271	2007/Feb/18	2010/Feb/18	Dentonia Resources Ltd.	466.83
552272	2007/Feb/18	2010/Feb/18	Dentonia Resources Ltd.	336.24
552273	2007/Feb/18	2010/Feb/18	Dentonia Resources Ltd.	336.01
552274	2007/Feb/18	2010/Feb/18	Dentonia Resources Ltd.	466.61
552275	2007/Feb/18	2010/Feb/18	Dentonia Resources Ltd.	466.95
552276	2007/Feb/18	2010/Feb/18	Dentonia Resources Ltd.	466.58
				3510.11

## REGIONAL GEOLOGY

The area surrounding the Lennac Lake property is mainly underlain by Jurassic Hazelton Group volcanics and lesser sediments (Figure 4). To the east of the property, Triassic Takla Group volcanics and sediments are in fault contact with the Hazelton Group. To the north Cretaceous sediments overlie the Hazelton Group, and to the south Tertiary volcanics of the Ootsa Lake and Endako Groups overlie the Hazelton rocks.

There are three ages of intrusives in the area. Jurassic Topley quartz monzonites and granodiorites underlie a large area south of the property. Late Cretaceous Bulkley intrusions, quartz monzonite and quartz diorite, occur as plugs throughout the area. Finally, Tertiary Babine intrusives occurring as small plugs and dikes are found around Babine Lake. They are often described as biotite-feldspar porphyries. Mineralization occurs in porphyries associated with all three ages of intrusives. The

former Granisle and Bell mines about 25 kilometres north of Lennac Lake are associated with Babine intrusives.

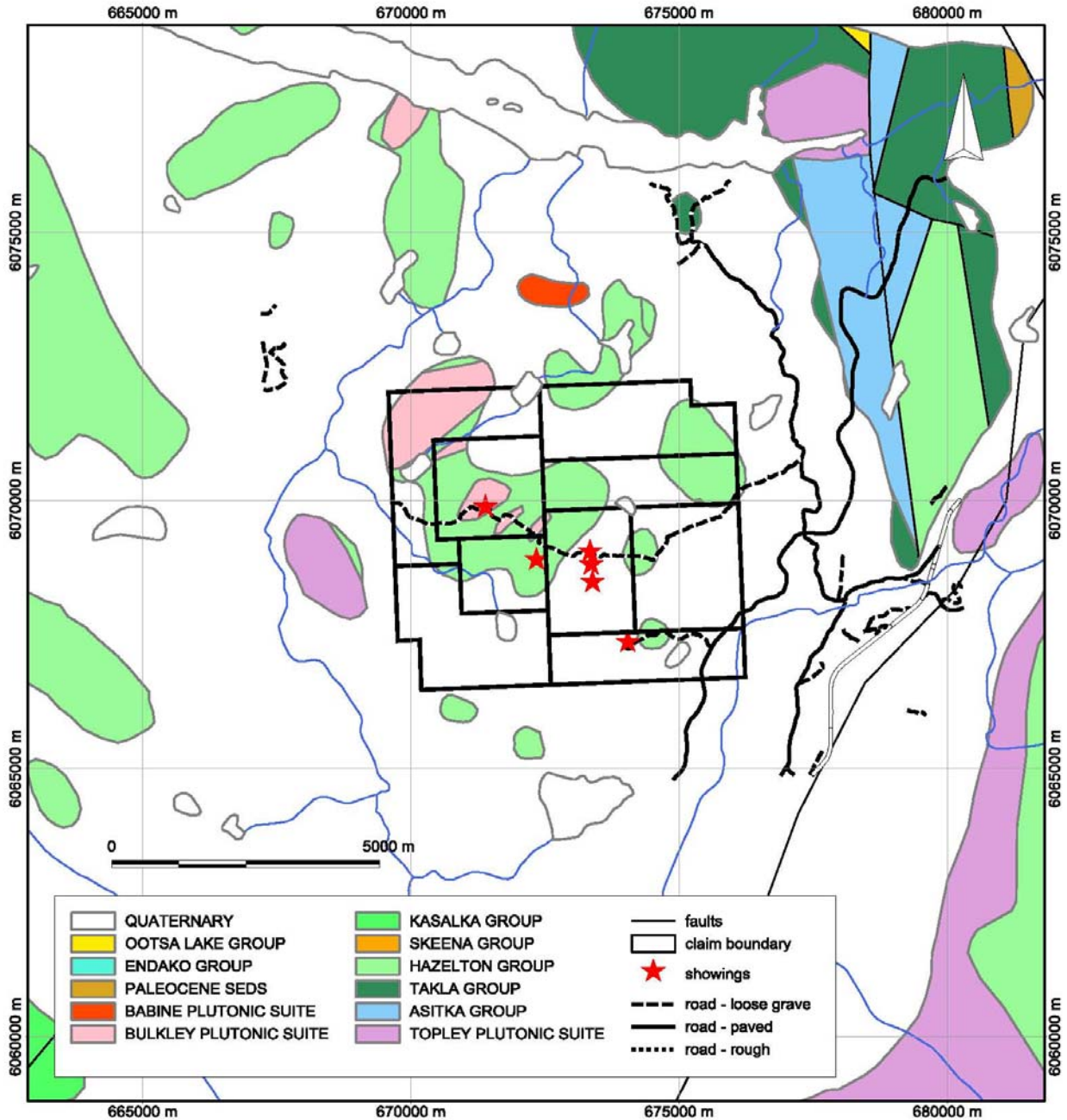


Figure 4. Regional geology. Source of information: B.C. Ministry of Energy and Mines, digital geology map of B.C.

## PROPERTY GEOLOGY

On the Lennac Lake property, porphyry copper mineralization and alteration are associated with a series of northeast-trending dikes of biotite-hornblende-feldspar-quartz porphyry that intrudes maroon lapilli tuffs and volcanoclastic rocks of the Lower Jurassic Telkwa Formation (Figure 5). The porphyry, which is quartz monzonite to granodiorite in composition and is typical of the Late



Cretaceous Bulkley intrusions, contains euhedral biotite books, hornblende, plagioclase and locally quartz eyes up to one centimetre in diameter. Phenocrysts comprise up to 30 per cent of the rock.

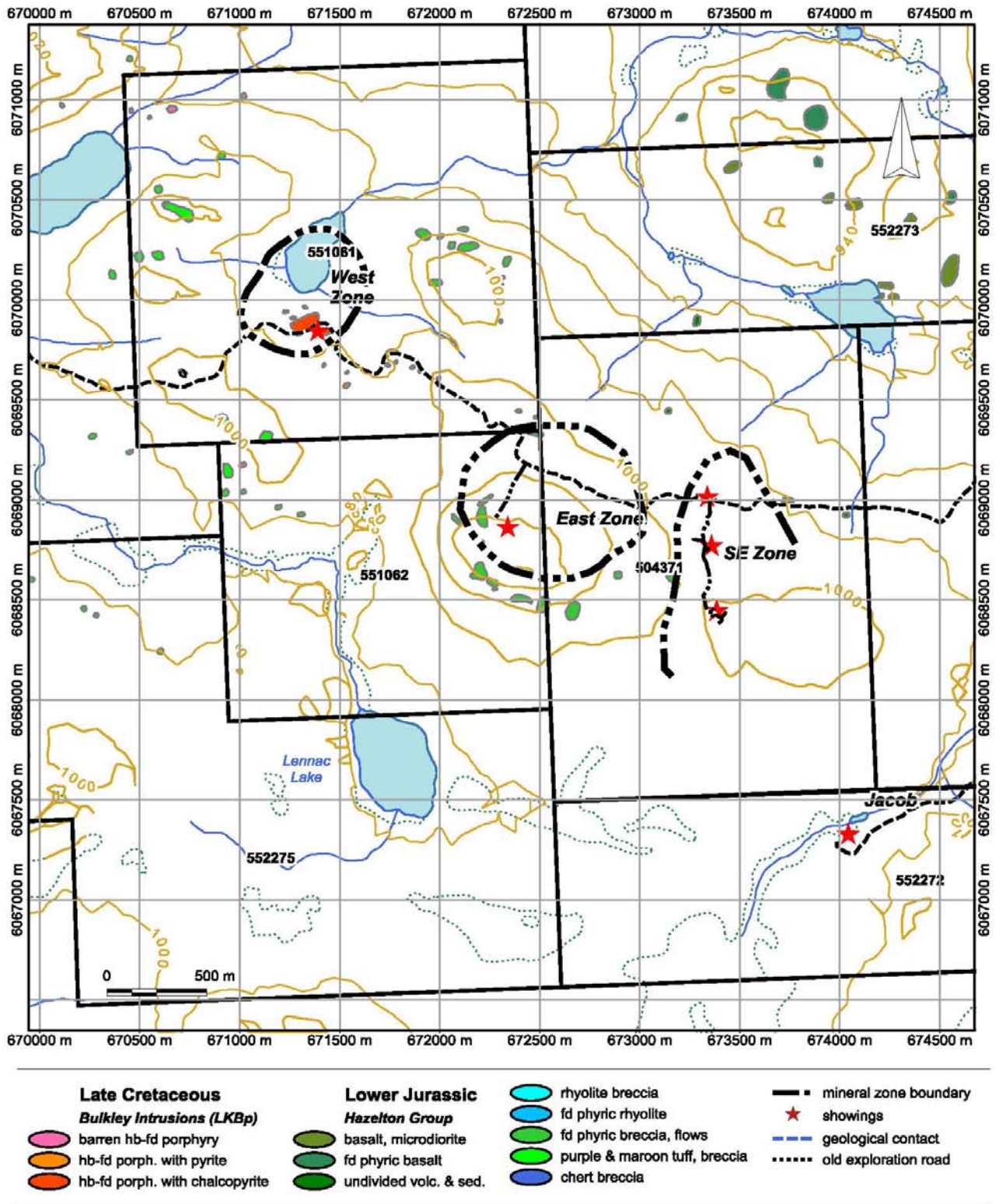


Figure 5. Property geology showing outcrop areas. Source: Amax Exploration Assessment Reports

The four main areas of mineralization on the property are the West, East, Southeast and Jacob zones (Figure 5). The West zone, discovered first, is mostly disseminated and fracture-coated pyrite, chalcopyrite and trace molybdenite in relatively fresh, coarse-grained porphyry and hornfelsed volcanics. The East zone is mainly fracture coatings and veinlets of pyrite and chalcopyrite with associated chlorite-epidote alteration. This alteration is superimposed on biotite hornfelsed Telkwa volcanics.

The Southeast zone has three separate mineralized occurrences, the Suratt showing, and trenched areas 230 and 530 metres respectively further south (Figure 6). There is no outcrop between these showings. The Suratt showing includes chalcopyrite, pyrite and some tetrahedrite in what has been variously described as a rhyolite breccia or a silicified and bleached originally dark-green andesite. This is exposed in trenching along the old exploration road.

The trenches further south exposed a quartz-molybdenite stockwork in a quartz-sericite altered quartz-biotite-feldspar porphyry, and further on disseminated and fracture-controlled chalcopyrite and pyrite in a fine-grained quartz-sericite-altered feldspar porphyry and a medium to coarse-grained quartz-biotite-feldspar porphyry intrusion.

At the Jacob showing, Hazelton volcanics are intruded by granodiorite and associated biotite-feldspar porphyry. Quartz veining and quartz-carbonate stringers host pyrite with minor chalcopyrite, molybdenite and bornite. Traces of magnetite and sphalerite were noted in some quartz-carbonate stringers. (Minfile No. 93L 243).

## WORK PERFORMED

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Between August 15 and September 3, 2007, three AQ diamond drill holes totaling 260 metres were completed by Low Profile Exploration Ltd. using a small portable drill. These drill holes are listed in Table 2. Drill hole locations are shown in Figure 6. All core was moved to a warehouse in Houston B.C. where it was split in half at two metre intervals using an hydraulic splitter with half of the core returned to the core box and half bagged, labeled and sent to Acme Analytical Laboratories Smithers sample preparation facility where it was crushed and pulverized to -150 mesh size. After processing, a portion of the crushed core is sent directly by the Smithers facility to Acme's ISO 9002 accredited laboratory in Vancouver. A total of 139 samples in two batches (A718344 & A718365) were analyzed by the laboratory using an Aqua Regia digestion and Inductively Coupled Plasma Emission Spectrometry (ICP-ES ultratrace analytical package G1F) and Inductively Coupled Plasma Mass Spectrometry (ICP-MS assay analytical package G7AR). Detection limits, as published on Acme's website for these analytical packages, are listed in Table 3. Drill core from the project has now been moved to a warehouse in Smithers B.C.

**Table 2. List of diamond drill holes, Lennac Lake property**

Hole	Easting	Northing	Elev.	Length	Azimuth	Inclination	Casing
LL07-1	673313	6069026	990	105.16	230	-50	5.30
LL07-2	673267	6068809	995	57.61	14	-45	1.68
LL07-3	673329	6068763	995	97.23	21	-45	1.93

Note: coordinates are for Zone 9, NAD 83. distance values are in metres.

Prior to the start of diamond drilling at Lennac Lake, old overgrown access roads and drill trails on the property had to be cleared using a D3 bulldozer. This work was done by Clay Enterprises of Houston B.C. The costs related to this road clearing and subsequent diamond drilling program are tabulated in Appendix A. A total of \$54,446 was spent on this initial phase of diamond drilling.



**Table 3. Detection limits for Group 7AR and 1F analyses (from the AcmeLabs website)**

Detection Limits for ICP-ES analyses (Group 7AR Aqua Regia Digestion)

Analyte	Unit	Det. Limit	Analyte	Unit	Det. Limit	Analyte	Unit	Det. Limit
Ag	GM/T	2	Cu	%	0.001	Ni	%	0.001
Al	%	0.01	Fe	%	0.01	P	%	0.001
As	%	0.01	Hg	%	0.001	Pb	%	0.01
Bi	%	0.01	K	%	0.001	Sb	%	0.001
Ca	%	0.01	Mg	%	0.01	Sr	%	0.001
Cd	%	0.001	Mn	%	0.01	W	%	0.001
Co	%	0.001	Mo	%	0.001	Zn	%	0.01
Cr	%	0.001	Na	%	0.001			

Detection Limits for ICP-MS analyses (Group 1F Aqua Regia Digestion)

Analyte	Unit	Det. Limit	Analyte	Unit	Det. Limit	Analyte	Unit	Det. Limit
Ag	PPB	2	Ga	PPM	0.1	Sc	PPM	0.1
Al	%	0.01	Hg	PPB	5	Se	PPM	0.1
As	PPM	0.1	K	%	0.01	Sr	PPM	0.5
Au	PPB	0.2	La	PPM	0.5	Te	PPM	0.02
B	PPM	20	Mg	%	0.01	Th	PPM	0.1
Ba	PPM	0.5	Mn	PPM	1	Ti	%	0.001
Bi	PPM	0.02	Mo	PPM	0.01	Tl	PPM	0.02
Ca	%	0.01	Na	%	0.001	U	PPM	0.1
Cd	PPM	0.01	Ni	PPM	0.1	V	PPM	2
Co	PPM	0.1	P	%	0.001	W	PPM	0.1
Cr	PPM	0.5	Pb	PPM	0.01	Zn	PPM	0.1
Cu	PPM	0.01	S	%	0.02			
Fe	%	0.01	Sb	PPM	0.02			

Notes: PPM=parts per million; PPB-parts per billion;GM/T=grams per metric tonne; some elements are only partially digested if refractory minerals are present; see Acme website for details; ICP-ES=Inductively Coupled Plasma Emission Spectrometry; ICP-MS=Inductively Coupled Plasma Mass Spectrometry.

## RESULTS

Drill hole logs for holes LL07-1 to LL07-3 are given in Appendix C. Appendix D gives analytical results for Cu, Mo, Pb, Zn, Ag, Au, As, Sb and Hg for each 2 metre sample interval. Original analytical certificates are shown in Appendix E. Graphic logs for each drill hole are shown in Figures 7, 8 and 9.

### *LL07-1*

This drill hole was collared on the old access road near trenches at the Surratt showing and drilled at azimuth 230 and inclination -50 degrees (Figure 6). The first 43 metres of this hole intersected clay-silica altered lapilli tuff containing anomalous concentrations of Cu (>0.1%) and Ag (>1000 ppb). Between 55.64 and 73.25 metres the drill hole intersected a clay-chlorite altered porphyry comprised of 45-55% 2-4 mm feldspars, 10-15% 2-4 mm biotite books pseudomorphed by chlorite and/or sericite and 1-2% 2-4 mm quartz “eyes”. This porphyry contained much lower concentrations of Cu, Mo and Ag than surrounding volcanic rocks. Below the porphyry dyke to the end of the hole the drill hole intersected clay-silica altered lapilli tuff, a coarse grained bladed porphyry with 35-45% 0.5-3 cm rectangular feldspar phenocrysts in a dark fine-grained matrix and a heterolithic intrusive breccia

with a foliated flow banded matrix of quartz and feldspar. Anomalous concentrations of Ag, Cu and to some extent Mo occur between 85 metres and the end of the hole at 105.6 metres.

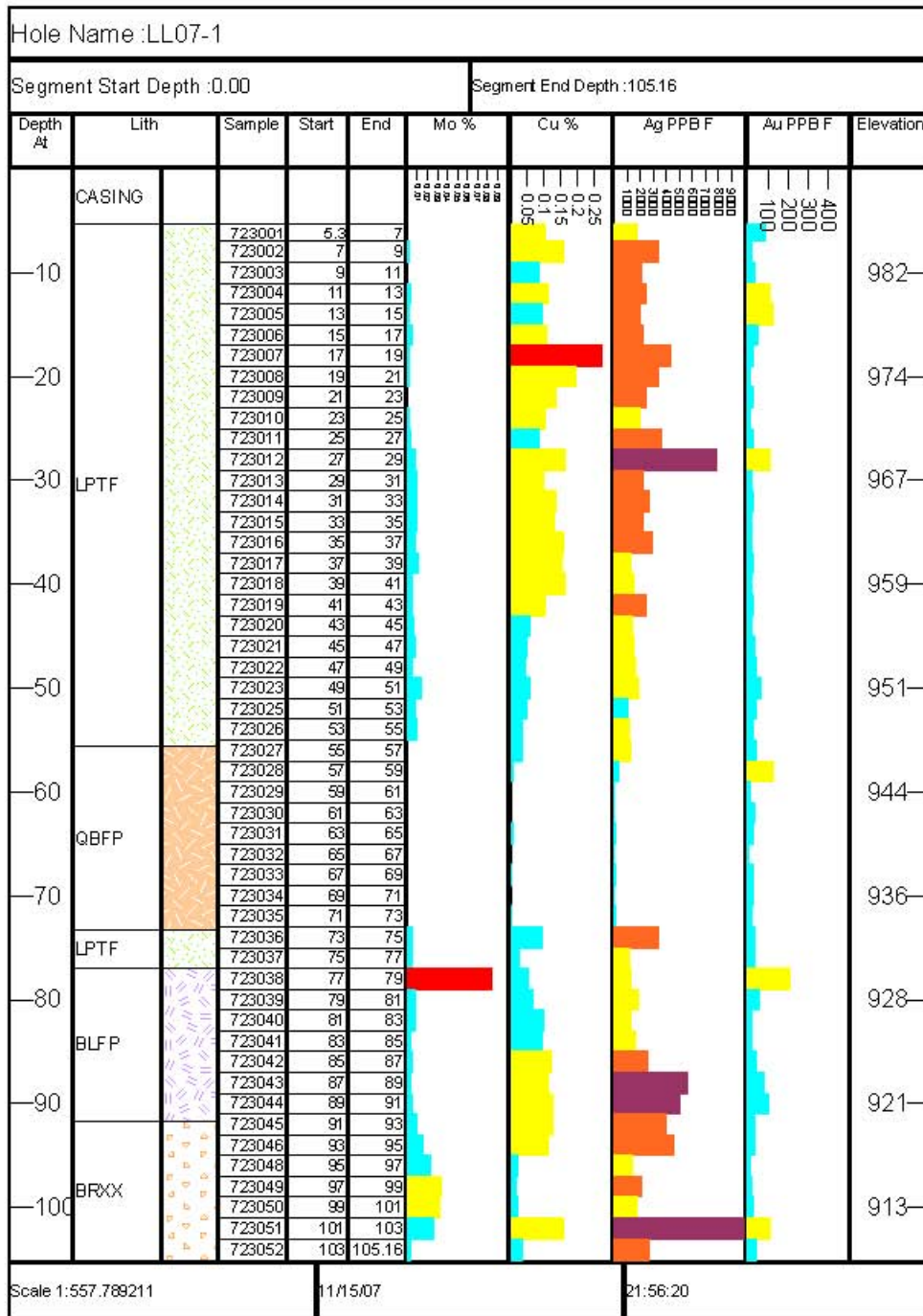


Figure 7. Graphic log, DDH LL07-1. Note: BRXX=breccia, BLFP=bladed feldspar porphyry, LPTF=lapilli tuff, QBFP=quartz-biotite-feldspar porphyry

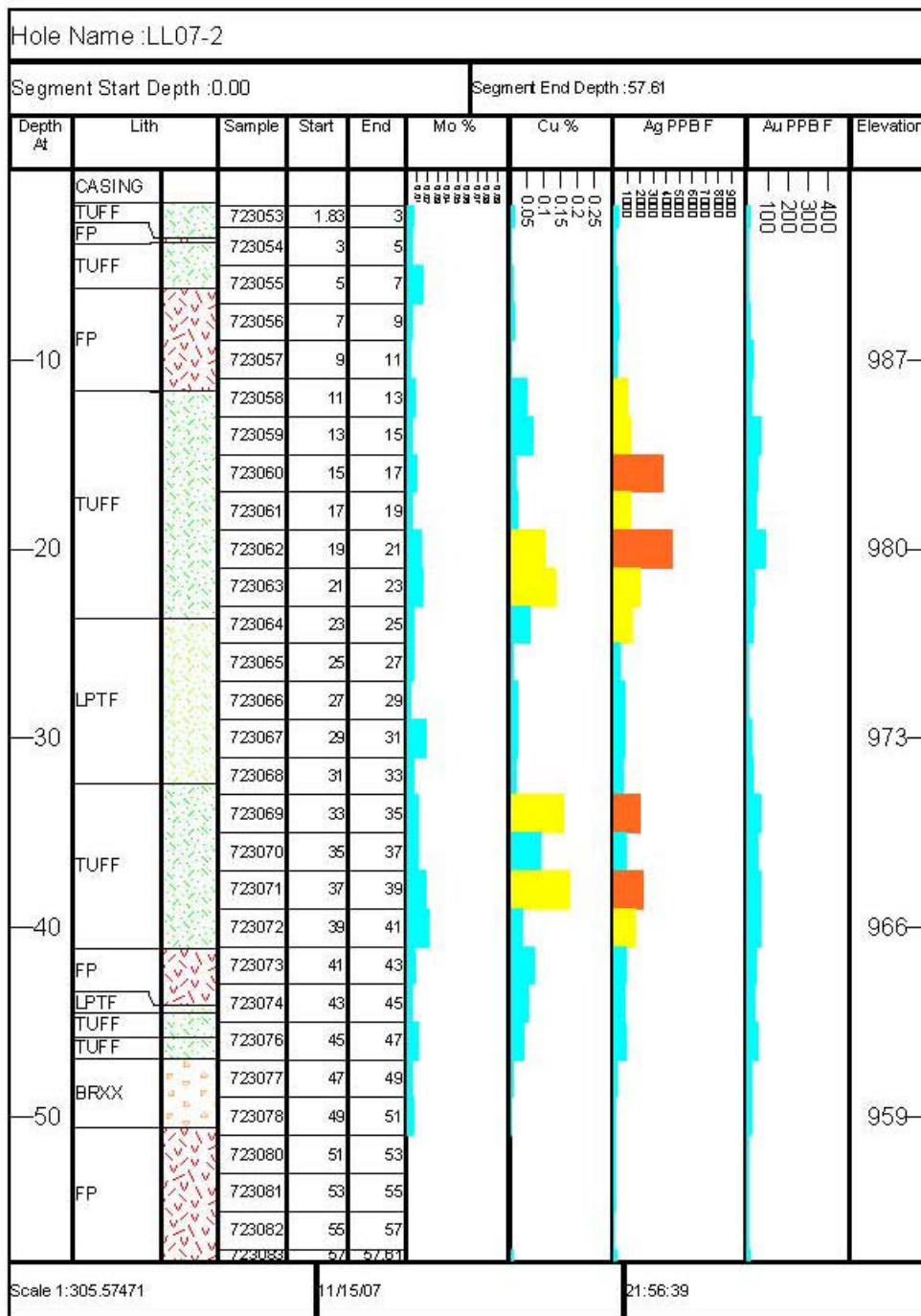


Figure 8. Graphic log, DDH LL07-2. Note: BRXX=breccia, FP= feldspar porphyry, LPTF=lapilli tuff, TUFF=tuff

### LL07-2

Drill hole LL07-2 was collared at the end of a short drill trail approximately 223 metres south of drill hole LL07-1 and was drilled at azimuth 14 degrees and inclination -45 degrees toward hole 1. Trenches adjacent to this drill site have exposed malachite and azurite stained clay-silica altered tuffs similar to those at the Surratt showing near drill site 1. Drill hole 2 went to a depth of 57.6 metres and intersected silica-clay altered tuff cut by feldspar porphyry dykes (Figure 8). The tuffs contained

anomalous concentrations of Cu and Ag at 11 to 25 metres and 33 to 41 metres with low values associated with the feldspar porphyry dykes. The hole was terminated at 57.6 metres due to seizing of the drill rods.

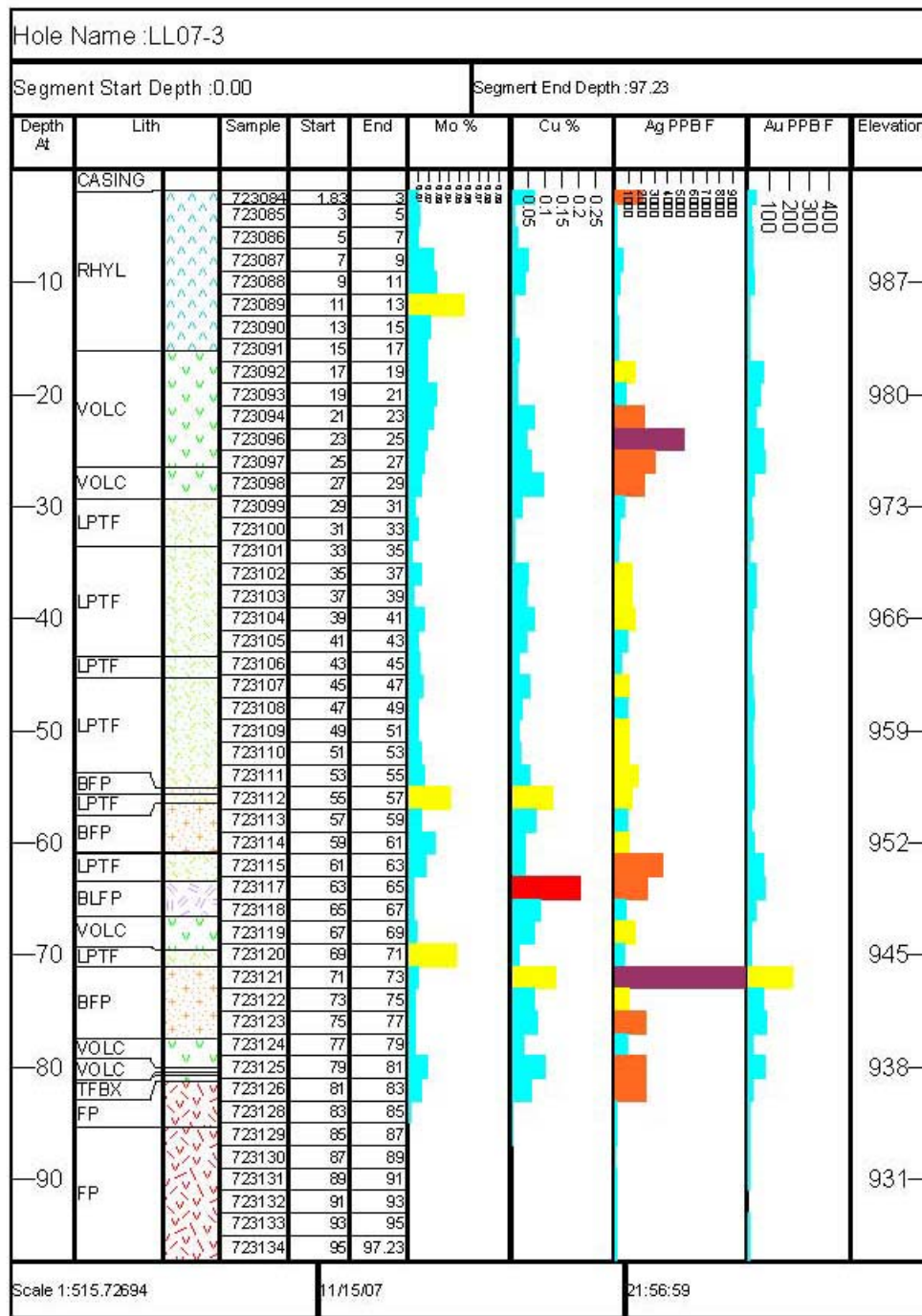


Figure 9. Graphic log, DDH LL07-3. Note: BRXX=breccia, BLFP=bladed feldspar porphyry, LPTF=lapilli tuff, BFP= biotite-feldspar porphyry, FP=altered feldspar porphyry, VOLC=undifferentiated volcanic rock, TFBX=tuff breccia, RHYL=rhyolite

### **LL07-3**

Drill hole LL07-3 was collared on the old drill trail 264 metres south of drill hole 1 and 75 metres southeast of hole 2 and was drilled at azimuth 21 degrees and inclination -45 degrees. Trenches adjacent to this drill site have exposed clay-silica altered rhyolite cut by quartz veins containing molybdenite. This showing was previously referred to as the quartz stockwork zone. The first 16 metres of this drill hole intersected a feldspar phyric rhyolite cut by quartz-molybdenite stringers and veinlets. Mo grades for this interval ranged from 0.024 to 0.055% Mo. Between 16.05 and 71.1 metres hole 3 intersected clay-silica altered lapilli tuff and bladed feldspar porphyry cut by narrow feldspar porphyry dykes similar to those intersected in holes 1 and 2. As shown in Figure 9 strongly anomalous Ag and to some extent anomalous Cu and Mo values occur throughout this interval with strongly anomalous Ag (>2000 ppb) occurring between 21 to 29 and 61 to 83 metres depth. A medium to coarse grained feldspar porphyry was intersected between 81.23 to the end of the hole at 97.23 metres. This porphyry contained low concentrations of Cu, Mo, and Ag.

## **CONCLUSIONS AND RECOMMENDATIONS**

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This report summarizes the results of the first 3 drill holes completed as part of the phase 1 drilling program on the Lennac Lake property. These holes were the first to be drilled in the Southeast Zone and intersected clay-silica altered volcanics containing anomalous but sub economic concentrations of Ag, Cu and Mo. These volcanics are cut by feldspar porphyry dykes that are also altered but relatively unmineralized. The highly anomalous concentrations of Ag which in part correlate with higher Cu values was a surprise and suggests the presence of a Cu-Ag bearing mineral that has not yet been identified. Although Tetrahedrite ( $\text{Cu}_{12}\text{Sb}_4\text{S}_{13}$ ) is the most obvious choice, low Sb values (<.01%) suggest that this mineral is not present. Arsenic on the other hand is anomalous and this might suggest the presence of Tennantite ( $\text{Cu}_{12}\text{As}_4\text{S}_{13}$ ) which is also known to be Ag bearing. Other possibilities include Proustite ( $\text{Ag}_3\text{AsS}_3$ ) or Acanthite/Argentite ( $\text{Ag}_2\text{S}$ ).

The pervasive nature of the clay-silica alteration, presence of intrusive breccia and porphyry dykes and local highly anomalous concentrations of Ag and to a lesser extent Cu and Mo suggest a possible high level transitional porphyry environment. If this interpretation is correct it suggests the possibility of a larger possibly intact (not eroded) porphyry Cu-Mo deposit at depth. It is recommended that a larger drill be brought onto the property that would be capable of drilling to depths of 400 to 500 metres to test this hypothesis. Using an all inclusive cost of \$200/metres, a 5000 metre drill program would cost \$1,000,000 to complete.

## **REFERENCES**

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## APPENDIX A – SUMMARY OF EXPENDITURES

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### Expenditures - August 1 - September 3, 2007 drilling program

Personnel	Company	Services	Dates	No.	Units	Rate	Total
<b>Geological</b>							
Vic Parsons	Calderwood-Parsons	core logging	August 30, 2007 to Sept. 1, 2007	3.0	days	\$550.00	\$1,749.00
Don MacIntyre	D.G MacIntyre & Assoc.	core logging, project management	August 1, 2007 to August 30, 2007	54.0	hours	\$90.00	\$5,151.60
<b>Support Services</b>							
Alex Clay	Clay Enterprises, Houston B.C.	D3B cat rental, road refurbishing, materials for bridge construction, travel to and from property from Houston	August 15, 2007 to Sept. 3, 2007				\$9,844.38
<b>Diamond Drilling</b>							
Gary Thompson	Low Profile Exploration, Houston B.C.	AQ diamond drilling, 260 metres, DDH LL07-1 to LL07-3, mobilization to the property, daily travel from Houston B.C., drill materials and supplies, equipment rental	August 15, 2007 to Sept. 3, 2007				\$37,700.97
							\$54,445.95

# LOWPROFILE EXPLORATION

P.O. Box 704,  
Houston, B.C. V0J 1Z0  
Ph:250-845-2253, Fax:250-845-2287

Invoice No. **200714**

## INVOICE

Customer	
Name	Dentonia Resources Ltd
Address	Suite 880-609 Granville St. P.O. Box 10321 Pacific Centre
City	Vancouver Province BC ZIP V7Y 1G5
Phone	

Misc	
Date	10/09/2007
Order No.	Lannac Lk DD
Rep	D. MacIntyre
FOB	V. Parsons

Qty	Description	Unit Price	TOTAL
2	Truck and Trailer Unit Mobilization of equipment to project	\$ 130.54	\$ 261.08
140	Pickup Km's for mobilization	\$ 0.60	\$ 84.00
2	Unimog hours for Mobilization	\$ 40.00	\$ 80.00
6	Man hrs for Mobilization	\$ 40.00	\$ 240.00
81.25	Man hrs for pickup traveling time to & from project Aug 15 to Sept 3	\$ 20.00	\$ 1,625.00
3640	Pickup Km's to & from project Aug 15 to Sept 3	\$ 0.60	\$ 2,184.00
124.25	Off Hyw travel time Drill setup & tear down & startup & shutdown each day	\$ 40.00	\$ 4,970.00
52.75	Unimog Hrs for off Hyw travel and supply hauling	\$ 40.00	\$ 2,110.00
188.25	Drilling Hrs	\$ 135.00	\$ 25,413.75
38	Core Boxes and blocks	\$ 14.03	\$ 533.14
1	Lumber for Bridge material	\$ 200.00	\$ 200.00
NOTE: Invoicing for DDH's LL07-01,02,03			

SubTotal \$ 37,700.97

Shipping

Payment	
Comments	GST # 111569158
	WCB # 288943

Tax Rate(s)	
<b>TOTAL</b>	<b>\$ 37,700.97</b>

Thank you  
Gary Thompson  
www.lowprofileexploration.ca  
email:gary@lowprofileexploration.ca

CLAY ENTERPRISES  
 BOX 85  
 HOUSTON B.C.  
 U0J-1Z0

INVOICE

GST R108-415563  
 WCB 292-664-001

OUR NUMBER	650395
DATE	
CUSTOMER'S ORDER	

SOLD TO	DENTONIA RESOURCES LTD.
ADDRESS	303-1039 RICHARDS ST. VANCOUVER B.C.

SHIP TO	
ADDRESS	

TAX REG. NO.	SALESMAN	F.O.B	TERMS	VIA
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QUANTITY	DESCRIPTION	PRICE	AMOUNT
	RENTAL D3B CAT TO BRUSH ROAD, INSTALL BRIDGES, TO LENNA LAKE MINING CLAIMS		7344.00
	102 HOURS X \$72.00		
	1820 KM X .60¢ PER KM		1092.00
	1 MOB & DEMOB		560.22
	BRIDGE TIMBERS		368.47
	NAILS		39.05
	6% GST		440.64
	TOTAL		# 9844.38

BLUELINE DC32

## **APPENDIX B – STATEMENT OF QUALIFICATIONS**

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I, Donald George MacIntyre, Ph.D., P.Eng., do hereby certify that:

1. I am a Consulting Geologist, with residence and business address at 4129 San Miguel Close, Victoria, British Columbia, Canada.
2. I graduated with a B.Sc. degree in geology from the University of British Columbia in 1971. In addition, I obtained M.Sc. and Ph.D. degrees specializing in Economic Geology from the University of Western Ontario in 1975 and 1977 respectively.
3. I have been registered with the Association of Professional Engineers and Geoscientists of British Columbia since September, 1979, registration number 11970. I am a Fellow of the Geological Association of Canada and a member of the British Columbia and Yukon Chamber of Mines.
4. I have practiced my profession as a geologist, both within government and the private sector, in British Columbia and parts of the Yukon for over 30 years. Work has included detailed geological investigations of mineral districts, geological mapping, mineral deposit modeling and building of geoscientific databases. I have directly supervised and conducted geologic mapping and mineral property evaluations, published reports and maps on different mineral districts and deposit models and compiled and analyzed data for mineral potential evaluations.
5. The work described in this report was done under my supervision under contract to Dentonia Resources Ltd. .

Dated this 26th of November, 2007

“DMacIntyre”

D. MacIntyre, Ph.D., P.Eng.

# APPENDIX C – DRILL HOLE LOGS

## DRILL-CORE LOG FOR DDH: LL07-1

Main		Nested		Local structures		Fault	Lithology	Description	Mineralization
From (m)	To (m)	From (m)	To (m)	From (m)	To (m)				
0.00	5.3						Casing		
5.30	55.64						Lapilli Tuff	lapilli tuff, abundant feldspar crystal fragments in matrix and clasts, strong clay-silica alteration, rock is quite siliceous, some dark specks and patches that appear to be biotite, heterolithic, 0.5-20 cm subangular white to medium grey clay altered clasts, 45-65%, matrix supported, clasts of crystall tuff to 20 cm, minor pyrite, trace chalcopyrite, possibly tetrahedrite; most likely Telkwa Formation volcanics	minor pyrite, trace chalcopyrite, tetrahedrite?
		5.3	13					iron and manganese oxide on fracture surfaces	Fe & Mn oxide
				27.3	27.4			2-3 cm hard black vein (tourmaline?) with fine pyrite at 10-15 to the core axis; shear surface with slickensides parallel to vein	pyrite
				37				1 mm quartz-MoS2 stringer @45° to core axis	mo
				47.3	47.4			1 mm MoS2 stringer @10° to core axis	mo
				53.1				Mo on fracture face @20° to core axis	mo
55.64	73.25						Feldspar porphyry	feldspar porphyry, clay-chlorite altered, light to medium grey, 45-55% 2-4 mm feldspars, 10-15% 2-4 mm biotite books pseudomorphed by chlorite and/or sericite, 1-2% 2-4 mm quartz "eyes"; white reaction rims on greenish altered feldspar cores, mottled texture due to alteration, rock is medium greenish grey and harder where less altered, groundmass is fine grained medium grey, probably sericite altered, trace of pyrite, very few veins, pervasive alteration, dyke contact at 45-55 deg. to the core axis, porphyry is finer grained at contact	trace pyrite
				58.2				Mo on fracture face @45° to core axis; parallel K-mo feldspar veinlet	
				64.01				Mo and pyrite on fracture face @30° to core axis	mo, pyrite
73.25	76.95						Lapilli Tuff	Lapilli tuff as above, intensely altered with some quartz-MoS2 stringers and veinlets, disseminated pyrite, local dark, biotite rich patches	molybdenite, pyrite, trace chalcopyrite
76.95	91.72						Bladed porphyry	bladed porphyry, 35-45%, 0.5-3 cm rectangular feldspar blades in a dark grey, fine-grained groundmass, dark colour could be due to very fine biotite in the groundmass, locally groundmass is light brown where altered, quartz-MoS2 stringers, some disseminated pyrite, red hematite possibly after magnetite	molybdenite, pyrite, trace chalcopyrite
				77.15	77.75			quartz-MoS2-py stringers subparallel to core axis	molybdenite, pyrite
91.72	105.16						Intrusive breccia	intrusive breccia, foliated suggesting fluid flow, angular intrusive clasts to 10 cm with matrix "flowing" around the clasts, matrix appears to be mainly quartz and feldspar and is very hard siliceous, includes clay altered clasts of feldspar porphyry, light grey quartz-feldspar porphyry clasts, granodiorite, some black biotite in clasts; quartz-MoS2 stringers and veinlets, cut clasts and matrix, some disseminated py, quite coarse in places.	molybdenite, pyrite, trace chalcopyrite

DRILL-CORE LOG FOR DDH: LL07-2

Main		Nested		Local structures		Fault	Lithology	Description	Mineralization
From (m)	To (m)	From (m)	To (m)	From (m)	To (m)				
0		1.68						Casing	
1.68	3.57			2.85			tuff	Silicified tuff with variable fragments in fine-grained matrix. Several silica veins up to 2-3 cm wide, coated with Fe & Mn oxides. 0.5 cm Qz vein, 30° to core axis, may contain some Mo	pyrite, possibly molybdenite
3.57	3.77						Porphyry dyke	Dyke composed of white-yellow well-formed crystals of feldspars in dark green matrix.	
3.77	6.2						Tuff	Very siliceous medium to dark gray unit, potassic alteration in places, specks of red hematite. Several Mo-Qz veinlets & stringers	Molybdenite, some Pyrite.
				4.39				2mm Qz-Mo stringer, 40° to core axis	
				4.7				2 mm Mo-Qz stringer, 45° to core axis	
				4.9				2-3 mm Mo-Qz stringer, 50° to core axis	
				5.15				Qz-Mo-Py vein up to 1 cm wide, 45° to core axis	
				5.5				1 mm Mo stringer, 35° to core axis	
				5.81				1 mm Mo stringer, in veinlet that has feldspars, 35° to core axis	
6.2	11.74						Feldspar porphyry	White feldspar porphyry in a black f.gr. Matrix, which includes much biotite, plagioclase feldspar & possibly hornblende. Phenocrysts frequently 1.5 cm long, often rectangular. Moderate Mo stringers, very little Pyrite. Rusty Fe oxides along fractures. 2 mm Mo stringers, 70, 45 & 30 degrees° to core axis respectively 2 cm wide Qz-Mo vein, 70° to core axis Altered feldspar patches Py stringers, 1-2 mm wide, 30° to core axis Barren Qz vein, no visible sulphides 3 cm Qz vein, 25° to core axis, 1 mm Mo along margin 2 mm Qz-Mo stringer, 55° to core axis 1-2 mm Mo stringers in porphyritic feldspar Mo visible in remnant veins Fractured & altered porphyry 1-2 mm Qz-Mo stringer, 25° to core axis 1 cm wide Qz-Mo vein, Mo mostly in centre, 50° to core axis 2 mm stringer of hematite	Molybdenite, some Pyrite.
				6.34, 6.38 & 6.47					
				6.55					
				6.9					
				7.25					
				7.5					
				7.55					
				7.87					
				8.95					
				9.14					
				9.32	9.44				
				10.15					
				10.91					
				11.17					
11.65	23.68						Silicified & argillic tuffs	Tuffs, highly silicified in part, also some sections that have argillic ALT. Some sections with very broken core, rusty along fractures. Minor porphyry intervals similar to above. Moderate to weak Mo 2 mm Qz-Mo-Py stringer Hematite gives rock a reddish tinge. 0.5-1 cm Mo-Qz vein in rusty fracture zone, 10-15° to core axis Strong argillic ALT, clays, cut by 2-3 mm Qz-Mo stringer Broken core, possible faulting 3 parallel Mo stringers, 35° to core axis 7 mm Qz-Mo vein 30° to core axis, some Py 3 parallel Qz veins, 45° to core axis, some Mo	Molybdenite, some hematite.
				12.88					
				13	13.25				
				15.39	15.49				
				15.57					
				16.2	17.56 x				
				16.88					
				17.38					
				17.87					
23.68	32.36						Lapilli Tuff	Med. Gray siliceous & argillized lapilli tuffs, mottled appearance due to white feldspars. Minor chlorite. Bedding apparent in some sections. Weak to moderate Mo mineralization, some Py 1.5 cm Qz-Mo vein, 30° to core axis 2-3 mm Mo-Qz vein, 45° to core axis This interval resembles previous unit of siliceous f.gr. tuff 4 mm Qz vein, minor Mo, 50° to core axis 1 mm Mo stringer, 40° to core axis Some K-Alt feldspar 1 mm Qz stringer, minor Mo Qz vein swells to 3 cm in part, Mo in vein abt 1 cm wide Mo stringer, < 1 mm, 45° to core axis 2 cm Qz vein, Mo in centre Layering in tuff, 35° to core axis 1 mm Mo stringer, 45° to core axis. Continue to 29.08, some swelling to 4 mm. 1 mm Mo stringer	Molybdenite, pyrite
				23.92					
				24					
				24.11	24.55				
				25.5					
				25.85					
				26					
				26.19					
				26.26					
				26.56					
				26.7					
				28.3					
				28.97					
				29.22					

		INTERVAL											
Main		Nestcd		Local structures									
From (m)	To (m)	From (m)	To (m)	From (m)	To (m)	Fault	Lithology	Description	Mineralization				
								2 parallel Mo-Qz veins up to 5 mm wide, 70° to core axis					
				29.77				1 mm Mo stringer, 40° to core axis					
				30.35				Qz-Mo stringers, several directions, some Py					
				30.95									
				31.08				1 mm Qz-Mo stringer, 45° to core axis					
				31.4				5 cm of what appears to be breccia					
				31.8				2 mm Qz-Mo stringer, 45° to core axis					
				32.34				0.5 cm Qz-Mo-Py vein, 70° to core axis					
32.36	41.15						Mainly tuff, small porphyry dikes.	Generally f. gr-med gr. Greenish tuff as seen 11.65-23.68. Some small intervals that are porphyritic dykelets, & one section of lapilli tuff as in previous unit. Sections of very broken & sheared core with sericite, Py. Little Mo seen.	Pyrite, hematite, minor Molybdenite				
				32.9				15 cm of altered porphyry, bleached, some hematite					
				33.12				F. gr. Tuff Qz-Mo vein, some Py, 1-2 mm, 35° to core axis					
				33.52	34.22		x	Very broken core. At 34.10 & 34.25 some Py & hematite					
				35	35.9		x	Very broken core					
				36.58	36.82			Interval of lapilli tuff seen in previous unit					
				38.8	40.4		37.65	Qz veinlet 3 mm, some Mo					
				40.9				Crushed rock, reheated, breccia. Some Mo seen @ 38.97 & 39.15					
								Porphyry with typically large white feldspars as seen before, abt 5 cm wide					
41.15	44.1						Feldspar porphyry	Porphyry with greenish black groundmass & large white to pale-green feldspar phenocrysts 1-1.5 cm long, generally elongated. Little, if any, mineralization observed in this unit. Hematite & Py occasionally visible.	Hematite, Py				
				43.37	43.69			Interval of f. gr. Tuff as seen previously					
44.1	44.52						Lapilli tuff	Altered lapilli tuff or possibly breccia, as seen above.					
44.52	45.78						Tuff, some porphyry	Altered in places	Hematite, minor molybdenite				
				44.98				0.5 cm banded Qz-Mo vein, 70° to core axis, in altered & sheared tuff					
				45.59				1-2 mm stringer including hematite and a blacker mineral that might be Mo					
45.78	46.94					x	Tuff	F. gr. Tuff as above, highly potassic altered. Very broken & sheared from 46.17 to end of unit.					
46.94	50.6						Breccia, altered	Breccia, in places resembling the porphyry but bleached & very altered. Some sections very broken core with clay gouge & argillized. Hematite occasionally visible. Some weak Mo mineralization	Hematite, weak Molybdenite, magnetite				
				46.96				Mo-Qz stringer, 2 mm, 35° to core axis					
				47.3	47.5			Large white brecciated feldspars in bleached groundmass.					
				48				Broken 1.5 cm Qz-Mo vein, 20° to core axis					
				48.56				3 mm M-Q stringer, 55° to core axis, broken by crushed & gouge rock					
				48.9	49.2		x	Clay gouge, fault?					
				49.43				Hematite & magnetite vein in altered breccia					
				49.94				Hematite					
				50	50.6		x	Very crushed & clay gouge core. Significant portions missing.					
50.6	57.61					x	Porphyry, in part altered	Medium to coarse grained porphyry with greenish black matrix & large white feldspar phenocrysts. Core is extremely stressed esp toward bottom of hole. After 3.80 very bleached and crushed so identity of rock is less distinct. Some missing core.	Minor Molybdenite				
				57.36				Some visible Mo.					
				57.61				EOH					



DRILL-CORE LOG FOR DDH: LL07-3

Main		Nestcd		locore axial structure		Fault	Lithology	Description	Mineralization
From (m)	To (m)	From (m)	To (m)	From (m)	To (m)				
0.00	1.83							Casing	
1.83	16.05						Rhyolite	Creamy to pale gray rhyolite, porphyritic in places with small phenocrysts white feldspars in a partly chloritic white groundmass. Qz & minor biotite in matrix. Generally deeply weathered until about 8.45, with Fe oxide coating along fractures, inside and along surface of core. Qz-Mo stringers & veins are common. Some broken, others intact. Some veins are banded. Little Py seen but is found locore axisily	Molybdenite, minor Pyrite
				2.34				1 mm Qz-Mo stringer, 30° to core axis	
				2.49				2 X 1 mm Qz-Mo stringers @ 5° to core axis; one 0.5 cm Qz-Mo vein, 80° to core axis	
				3.87				1 mm Qz-Mo stringers	
		4.23						< 1 mm Qz-Mo stringer, 45° to core axis	
				4.39	4.45			2 parallel Qz-Mo veinlets, 5-8 mm wide, 50° to core axis	
				4.6				Broken 2-3 mm remnant of Qz-Mo vein	
				4.87	5.03			Patchy Qz-Mo, possibly broken remnants of vein, up to 2 cm wide	
				5.1				1.5 cm Qz-Mo vein, 40° to core axis	
				5.43				Minor Qz-Mo stringer	
				5.75				1 mm Mo stringer, 80° to core axis	
				6.28	6.37			Small Qz-Mo stringers, 45° to core axis	
				6.86				< 1 mm Mo stringer, 45° to core axis	
				7.39				Network of small Mo stringers, largest up to 3 mm, generally - 40° to core axis	
				7.97				< 1 mm Mo stringer, 40° to core axis	
				8.48				1 mm Mo stringer, associated Py, 20° to core axis	
				8.94				Broken 3 mm Mo vein	
				9.42	9.55			Set of parallel Qz-Mo veins (5) about 45-35° to core axis & up to 6 mm wide	
				10.2				1 mm Mo stringer, 45° to core axis	
				11	11.05			0.5 cm banded Qz-Mo vein, 45° to core axis	
				11.22				1 mm Mo stringer, 55° to core axis	
				11.38				Same as above	
				12.05	12.13			Qz-Mo in broken core, up to 1 cm wide	
				12.41				1 mm Qz-Mo stringer	
				13.1				1 cm Qz-Mo vein in greenish chloritic interval	
								Mo along edges of vein, 35° to core axis	
				14				1 mm Mo stringer, 45° to core axis	
				14.44				2 parallel Qz-Mo veins with Mo along edges, some Py, 40° to core axis	
				14.78	14.88			2 Qz-Mo veins, 1-1.5 cm wide, some Py, in altered rhyolite, 45° to core axis	
				15.03				0.5 cm Qz vein, some Mo	
				15.39				6 mm Mo-Qz vein in clay gouge	
				15.85				1 cm Qz vein, Mo along edges, 40° to core axis	
16.05	26.5						volcanics	Variable f.gr. Light t med. gray volcanics, rhyolitic to andesitic and lacking the porphyritic texture noted in previous unit. Some darker intervals with more pyrite & some sections broken core. Some chloritic alteration. Mo veins still common. Py locore axisily evident.	
				16.16				Banded Qz-Mo vein up to 2.5 cm thick, displaced by minifault about 1 cm, about 50° to core axis	
				16.41				0.5 cm broken Qz-Mo veins in possible tuff	
				16.87				0.5 cm Qz vein, minor Mo, broken core to 16.80	
				16.97				3 mm Mo-Qz vein, 40° to core axis, Continuous to 17.12, in vuggy veins.	
				17.26				Similar veining to above in possible brecciated small dyke, Py & epidote	
				17.46				Mo as above, with Py. Core is largely broken from here to 18.75. Some thin Mo stringers are visible but can't get orientation.	
				19.48	19.9			Darker f.gr. Interval which could be tuff	
				20.4				7 mm Qz vein with Mo on edges, 35° to core axis	
				20.75				2 cm banded Qz-Mo vein, 75° to core axis in paler gray f.gr. Possible tuff	
				20.89				1.25 cm Qz-Mo vein, 40° to core axis	
				21.11				0.5 cm Qz vein, minor Mo,	
				21.15				1 mm Mo stringer, 35° to core axis	

INTERVAL							Fault	Lithology	Description	Mineralization
Main		Nested		Core axis structure						
From (m)	To (m)	From (m)	To (m)	From (m)	To (m)					
				21.71				Clay Alt on core, minor Mo		
				22.1				3 mm Qz vein, minor Mo		
				22.38				0.5 cm banded Qz-Mo vein in broken core		
				23.22				0.5 cm Qz-Mo-Py vein, 55° to core axis		
				23.38				2 mm Mo stringer, 60° to core axis		
				24.22 &				3 mm & 1.5 cm Mo-Qz veins respectively, 50° to core axis		
				24.26						
26.5	29.36							volcanics	Appears to be same rock type but core is very broken & shattered, some clay alteration. Minor Mo stringers weakly apparent	Molybdenite
				26.63					Mo broken vein on broken core	
				28.35					Minor Mo stringer	
				29.1					Core very crushed, here to 29.33	
29.36	33.6							Lapilli tuff	Light to med. Gray lapilli tuff or possible breccia with some argillic tuff sections (31.0-32.0 approx.). Weak MoS <sub>2</sub> , with occasional stringers. Minor hematite	Molybdenite, hematite
				29.38					1 mm Qz-Mo vein, 45° to core axis	
				31.12		31.18			Broken stringers Mo, only one can determine direction is 55° to core axis @ 31.18.	
				31.43					2 mm Mo stringer, 50° to core axis	
				31.57					2 mm Mo, 60° to core axis	
				31.91					Small Qz-Mo stringer	
				32.19					2 mm Mo-Qz stringer, 45° to core axis	
33.6	43.39							Lapilli tuff, breccia	Argillic lapilli tuff, or possible breccia (some angular fragments of white feldspathic rock are up to 3 cm across) Mo mineralization is still fairly weak but veins are thicker where they occur (up to 1 cm).	Molybdenite
				34.01					Qz vein, 30° to core axis, 3 mm, minor Mo	
				35.57					Bedding, 60° to core axis	
				35.8		35.88			4-8 mm Mo-Qz vein, runs 25° to core axis	
				36.14					1 mm Mo-Qz stringer, 45° to core axis	
				37.37					1 cm broken Mo vein	
				38.5					Core quite broken	
				39.3					Small Mo stringer in broken core	
				39.64 &					Small stringers Mo, < 1mm, 30° to core axis	
				39.71						
				39.95					1 cm Qz-Mo vein, displaced by fracture, 65° to core axis, cuts across bedding @ 90 angle	
				40.17					Thin Mo stringer, same orientation as above	
				41.46					1 mm Mo stringer, 50° to core axis	
				41.66 &					Thin Mo stringers, as above	
				41.91						
				42.41					1-2 mm Mo-Qz stringer, 45° to core axis	
				42.48					< 1 mm Mo stringer	
				42.96					1 mm Mo stringer, 85° to core axis, Bedding 70° to core axis	
43.39	45.23							Tuff, some volcanics	Similar but less altered tuff, or breccia as 29.36-33.60. Some fgr. Volcanic sections, still with fragments.	Molybdenite
				43.75					1 mm Mo-Qz stringer, 70° to core axis	
				44.37					2 mm Mo-Qz stringer, 40° to core axis	
				44.53					Qz stringer, 1 mm, minor Mo	
45.23	55.04							Lapilli tuff	Argillized lapilli tuff as before. Some sections of breccia also some sections of very crushed & broken core with clay gouge, suggesting faulting. Mo is weak to moderate. Bedding is quite often evident.	Molybdenite
				45.74					Broken Mo stringer on crushed core	
				45.95					1 mm Qz-Mo stringer, 5° to core axis	
				46.5		46.7 x			Very crushed core, clay Alt	
				46.83					8 mm Mo-Qz vein, 35° to core axis	
				48.28		49.5 x			Very crushed clay alt core, much of it missing. Some Mo visible on crushed surfaces as at 49.50	
				49.6		49.89 x			Clay Alt & brecciated core. Bit change at 49.95.	
				50.27					Thin Mo stringer	
				50.44					< 1 mm Mo stringer, 75° to core axis	
				50.63		51.11 x			More crushed core, Mo stringer @ 50.85	
				52.07					2 mm Mo-Qz stringer, 80° to core axis	
				52.23					2 mm Mo-Qz stringer, 60° to core axis. Altered tuff fragments quite often chloritized. Bedding - 45° to core axis	
				52.83 &					Small Mo stringers	
				52.98						
				53.01					2 mm Mo-Qz stringer, 60° to core axis, clay Alt	
				53.39					1 mm stringer Mo, 30° to core axis	
				53.45					1-2 mm Mo stringer, 60° to core axis	

INTERVAL							Fault	Lithology	Description	Mineralization
Main		Nested		Core axis structure						
From (m)	To (m)	From (m)	To (m)	From (m)	To (m)					
				53.83				2 mm Mo stringer, 60° to core axis		
				53.95				1 mm Mo stringer		
55.04	55.64						Feldspar porphyry	Feldspar porphyry dyke, plagioclase & biotite, as described previously, large rectangular feldspars in dark groundmass. Feldspars up to 2 cm long.	Molybdenite	
				55.12				Small fragments of Mo-Qz vein		
				55.54				5-6 mm wide Mo-Qz vein, 70° to core axis		
55.64	56.42						Tuff	Short interval of what appears to be altered tuff. Mo seen as veinlets & stringers, also some disseminations. Some Qz veining with minor amounts of Mo.		
				55.95				2 mm Mo stringer, 70° to core axis		
				56.08				Diss. Mo on break, with Qz		
				56.13				Diss. Mo in breccia, about 5%		
56.42	60.82						Feldspar porphyry	Generally feldspar porphyry as above, but with narrow f.g. intervals that appear to be stressed & altered, possibly breccia. Mo is moderate, some Py		
				56.42				5-6 mm Mo-Qz vein, 25° to core axis		
				56.72				Red hematite stringer, 5° to core axis, speck of Cpy visible		
				56.77	57.19			Porphyry is somewhat bleached		
				57.13				1-2 mm Qz-Mo stringer, displaced 0.5 cm, 35° to core axis		
				57.64				2-3 mm Mo-Qz stringer in porphyry, 30° to core axis		
				58.42				1 mm Qz-Mo stringer in porphyry, 80° to core axis		
				59.41	59.49			1 cm banded Mo-Qz vein, some Py, 35° to core axis		
				59.98				Small Mo stringer		
				60.04				F.g. dykelet of altered material, containing Mo, possible inclusion. Some orthoclase Alt.		
				60.61				1-2 mm Mo stringer, 80° to core axis		
				60.72				1 mm Mo stringer, 40° to core axis		
60.88	63.43						Tuff, some porphyry	Light to medium gray tuff in what is generally a f.g. groundmass. Tuff fragments up to 1 cm. Some narrow intrusions of feldspar porphyry. Py is widespread but % is low. Mo locore axisly strong but weak to moderate overall.		
				61.02				3-4 mm Qz-Mo veinlet cut in part by clay gouge, 45° to core axis, may be some Diss. Mo also.		
				61.16				0.5 cm Qz-Mo vein with Mo on edges, 80° to core axis		
				61.33				Indistinct Qz-Mo vein up to 1 cm wide, 30° to core axis in what appears to be altered porphyry. Porphyry interval continues to 61.50		
				61.46				0.5 cm Qz-Mo vein		
				62.43				Breccia fragments, some hematite & Cpy specks		
				62.64	62.84			Porphyry dyke		
				63.23				7-8 mm Qz-Mo vein, Mo mostly on edges, ~90° core axis		
63.43	66.5						Bladed feldspar porphyry	Bladed feldspar porphyry as seen previously with occasional finer grained tuff or possible volcanic, as seen in previous unit. Mo occurrences rare		
				63.65				Hematite on fracture		
				63.86				Mo stringer, some Py, 1 mm @ 60° core axis, in f.g. tuff		
				63.95				Mo & Cpy diss. Also in tuff		
				64.7				<1 mm stringer Cpy. Couple more to 65.0. Very minor. Appear to be in tuff		
				65	65.75			Altered porphyry, some hematite		
66.5	69.53						Tuff or volcanic	F.g. dark gray tuff or volcanic, possibly andesitic-basaltic composition. Could be a dyke. Some Qz-feldspar veining. Occasional Mo		
				66.63				2.5 cm wide feldspathic dykelet, 50° to core axis. Some hematite		
				66.85				Specks of Diss. Cpy & Mo		
				67.55				1 cm wide feldspathic vein similar to above, visible Mo, 40° to core axis		
				69.39				Feldspathic vein, 0.5 cm, with diss. Mo, 45° to core axis		
69.53	71.1						Lapilli tuff	Fine to medium grained light gray lapilli tuff, not as argillized as previous. Minor feldspar porphyry inclusions. Mo strong to moderate.		

INTERVAL						
Main		Nested		Core axis structure		
From (m)	To (m)	From (m)	To (m)	From (m)	To (m)	
				69.58		7-8 mm banded Mo-Qz vein, with offshoot stringers, 30° to core axis, to 69.66
				69.78		1 mm Mo stringer, runs up° to core axis
				69.86		3 Mo-Qz stringers, about 60° to core axis
				70.01		1 mm Mo stringer, 40° to core axis. Also @ 70.06, 70.13, 70.19 & 70.26
				70.27	70.33	7 mm banded Qz-Mo vein, 30° to core axis, with assorted stringers. Some core missing
				70.75		Mo stringers, 1 mm, 70° to core axis
				70.92		Multi-direction 1 mm Mo stringers
71.1	77.39					Altered porphyry
				71.39		Altered porphyry, chloritized & with hematite commonly. Many veinlets with bleaching around these. Mo mineralization continues to be moderate to strong.
				71.9		1 mm Mo-Qz stringer, 80° to core axis
				72.1		1 mm Qz-Mo stringer
				72.12		1-2 mm Mo-Qz stringer, 50° to core axis
				72.15		Py stringer, minor Mo & Mo stringer
				72.79	72.88	8 cm wide feldspar porphyry dyke
				73.2		6 cm wide vein of Mo-Py-Qz, altered feldspar, 40° to core axis
				73.26		7-8 mm Qz-Mo-Py vein, 45° to core axis
				73.9		1.2 cm banded Mo-Q vein, 50° to core axis
				74.89		Black elongated hornblende or pyroxene (?) phenocrysts in green plagioclase groundmass. Hematite also present
				75.27		1-2 mm Qz-Mo stringer, 80° to core axis
				77.27		1 cm Qz-Mo vein, cut by feldspathic vein 0.5-1 cm
				77.32		2 Qz veinlets, minor Mo
						6-7 mm Qz-Mo-Py vein, cut by feldspar vein, minor hematite, 45° to core axis
77.39	80.08					volcanic or tuff
				78		Same fgr volcanic or tuff seen @ 86.50. Dark gray to brown. Altered paler in places. Weak Mo, occurrences usually in Qz stringers
				78.55		Qz stringer, minor Mo
				78.81		1 mm Mo-Qz stringer, minor Cpy, 55° to core axis
				79.37	79.67	1 mm Mo-Qz stringer, 45° to core axis
						Coarse gr. interval
80.08	80.4			80.2	80.4	volcanics
				80.38		Paler fgr interval volcanics
						Set of Qz-Mo veins 3-4 cm wide, 50° to core axis
						Mo-Qz stringer
80.75	81.23			80.91		Tuffaceous breccia
				81.02		Med gray-green tuffaceous breccia, some hematite and diss sulphides, incl. Cpy, especially noticeable @ 81.13
						6 mm Qz-Mo vein, 80° to core axis
						2.2 cm Mo-Qz vein, some Cpy & hematite, 85° to core axis
81.23	85.3					Feldspar porphyry
				83.18	84.61	Medium to coarse-gr feldspar porphyry as seen above with white-creamy well-formed crystals. Some hematite & weak Mo where rock is fractured & altered. Black-green groundmass.
				82.5		Bleached & altered variety of feldspar porphyry, sericitized
				82.71		< 1 mm Mo stringer, 30° to core axis
				82.92		1-2 mm Mo-Qz stringer, 25° to core axis
						1 mm Mo stringer, 80° to core axis, cut by feldspar vein, 30° to core axis
				84.7		Bleached & altered rock described above, occasional fragments of Qz containing minor Mo. Also a pale gray striated mineral containing disseminated hematite which scratches easily (proustite?). This is in smaller but well-formed crystals in the groundmass. Crystals are hexagonal to square
85.3	97.23					Altered porphyry
				85.89	86	Pale greenish porphyry which could be an altered version of the feldspar porphyry with green-black groundmass. Med coarse grained as above. Contains the same mineral set including Qz inclusions & the sericite? (altered augite?) seen above. Some bands of unaltered feldspar porphyry as seen above. Mo mineralization rare to non-existent. No stringers but some diss. Mo in Qz inclusions.
				86.2	86.53	Unaltered feldspar porphyry
						Unaltered feldspar porphyry

## APPENDIX D - ASSAY RESULTS, LL07-1 TO LL07-3

Hole	Sample No	From (m)	To (m)	WT KG	Mo %	Cu %	Pb PPM	Zn PPM	Ag PPB	As PPM	Au PPB	Sb PPM	Hg PPB
LL07-1	723001	5.3	7	1.1	<0.001	0.102	49.88	111.8	1790	284.1	91.7	13.77	16
LL07-1	723002	7	9	1.5	0.001	0.157	47.08	132.1	3349	493.4	16.9	19.41	20
LL07-1	723003	9	11	1.8	<0.001	0.086	17.81	89.9	2117	235	32.7	3.94	8
LL07-1	723004	11	13	1.8	0.003	0.111	58.01	227.5	2448	254.7	113.3	10.97	39
LL07-1	723005	13	15	1.8	0.002	0.093	8.77	59.4	2029	79.2	127.8	2.08	<5
LL07-1	723006	15	17	2	0.004	0.107	60	103	2177	215	52.5	7.07	20
LL07-1	723007	17	19	1.5	0.002	0.273	35.95	174.6	4333	760.2	27.4	24.99	14
LL07-1	723008	19	21	2	0.002	0.196	12.61	55.2	3372	285	10.8	2.27	<5
LL07-1	723009	21	23	1.7	<0.001	0.135	42.58	114.4	2454	283.8	26.8	7.94	<5
LL07-1	723010	23	25	1.6	0.002	0.105	15.69	84.5	1922	186.8	11.3	13.4	<5
LL07-1	723011	25	27	1.6	0.003	0.085	100.9	173.9	3575	268.1	24.7	40.64	48
LL07-1	723012	27	29	1.6	0.007	0.163	82.96	239.1	7869	478.9	112.4	82.34	78
LL07-1	723013	29	31	1.7	0.01	0.1	55.27	121.3	2202	267	21.7	21.28	43
LL07-1	723014	31	33	1.8	0.009	0.136	39.31	120.9	2627	312.9	26.9	14.37	20
LL07-1	723015	33	35	1.7	0.009	0.131	47.7	194	2182	329.6	17.9	17.05	13
LL07-1	723016	35	37	1.8	0.007	0.156	13.67	62.7	2930	232.2	20	4.2	5
LL07-1	723017	37	39	1.7	0.011	0.152	51.28	170.5	1264	186.8	26	27.59	7
LL07-1	723018	39	41	1.8	0.005	0.161	27.04	109	1481	242.8	21.1	26.73	8
LL07-1	723019	41	43	1.8	0.005	0.104	40.56	168.7	2504	233	27.2	30.13	35
LL07-1	723020	43	45	1.9	0.006	0.057	18.88	67.4	1362	133.8	16.1	6.9	8
LL07-1	723021	45	47	1.9	0.007	0.048	46.96	58.9	1569	127.5	34.7	10.9	17
LL07-1	723022	47	49	1.8	0.005	0.042	55.02	113.9	1670	80.9	42.2	9.28	29
LL07-1	723023	49	51	1.7	0.014	0.056	16.59	86.2	1857	125.3	66.7	8.11	23
LL07-1	723025	51	53	1.8	0.007	0.046	14.63	177.4	988	93	44.4	4.19	18
LL07-1	723026	53	55	1.5	0.009	0.032	36.27	248.4	1149	103.5	30.2	4.67	18
LL07-1	723027	55	57	1.9	<0.001	0.036	109.7	466.7	1316	71.4	43.9	4.54	40
LL07-1	723028	57	59	1.6	<0.001	0.006	11.54	837.1	339	11	127.4	1.17	14
LL07-1	723029	59	61	1.9	<0.001	<0.001	12.04	129.5	30	1.9	13.9	0.17	<5
LL07-1	723030	61	63	1.8	<0.001	<0.001	11.34	104	36	1.2	36.6	0.13	<5
LL07-1	723031	63	65	1.9	<0.001	0.005	11.41	124.8	121	8.7	26.4	0.38	<5
LL07-1	723032	65	67	2	<0.001	<0.001	9.81	111.8	14	2.5	6	0.1	<5
LL07-1	723033	67	69	2	<0.001	0.004	16.39	111.2	154	11.9	26.1	0.39	<5
LL07-1	723034	69	71	1.9	<0.001	<0.001	9.96	95.4	41	1.7	23.7	0.05	<5
LL07-1	723035	71	73	2.1	<0.001	0.002	28.89	138.4	152	4.1	16.4	0.25	<5
LL07-1	723036	73	75	1.1	0.005	0.094	42.45	193.4	3433	167.1	33.6	7.56	8
LL07-1	723037	75	77	2.3	0.004	0.023	28.56	104.2	1164	65	32.2	6.48	<5
LL07-1	723038	77	79	1.9	0.085	0.055	10.27	118.9	1326	34.5	208.4	2.83	<5
LL07-1	723039	79	81	1.8	0.008	0.065	13.68	106.4	1915	64.7	55.2	4.91	<5
LL07-1	723040	81	83	1.9	0.008	0.098	6.78	68.8	1230	117.1	23	3.15	<5
LL07-1	723041	83	85	1.6	0.003	0.092	6	58.8	1618	148.7	21.7	6.74	<5
LL07-1	723042	85	87	1.6	0.004	0.123	14.73	147.1	2540	183.1	40	14.38	5
LL07-1	723043	87	89	2	0.003	0.112	94.48	209	5654	260.1	81.4	15.03	11
LL07-1	723044	89	91	1.8	0.004	0.125	104.8	331.9	5010	256.7	99.7	21.69	19
LL07-1	723045	91	93	1.8	0.01	0.128	111.1	214	3939	284.5	33.1	16.6	17
LL07-1	723046	93	95	1.8	0.016	0.112	52.83	146.7	4576	200.4	33.6	27.81	11
LL07-1	723048	95	97	1.8	0.023	0.021	21.81	54	1366	32.7	13.7	2.99	<5
LL07-1	723049	97	99	1.9	0.034	0.016	53.98	99.8	2049	53.9	22.2	3.06	13
LL07-1	723050	99	101	1.9	0.032	0.019	48.01	139.8	1783	67.3	28.6	6.39	16
LL07-1	723051	101	103	2.1	0.026	0.157	2094	2175	23333	379.6	111	82.47	217

Hole	Sample No	From (m)	To (m)	WT KG	Mo %	Cu %	Pb PPM	Zn PPM	Ag PPB	As PPM	Au PPB	Sb PPM	Hg PPB
LL07-1	723052	103	105.16	2	0.003	0.032	80.87	370.2	2683	98.4	41.2	5.69	27
LL07-2	723053	1.83	3	1.2	0.006	0.013	16.94	109.3	308	33.1	7.8	3.42	<5
LL07-2	723054	3	5	1.8	0.005	0.002	4.52	72.3	52	7.3	2.4	0.62	<5
LL07-2	723055	5	7	2	0.015	0.006	4.99	76.7	168	13.2	4	0.77	<5
LL07-2	723056	7	9	2.1	0.004	0.01	13.02	93.4	341	32.8	10.3	0.64	<5
LL07-2	723057	9	11	1.8	0.003	0.004	8.98	153.1	182	23.1	24.1	1.75	<5
LL07-2	723058	11	13	1.9	0.008	0.049	7.99	125.6	1096	80.2	20.8	4.78	<5
LL07-2	723059	13	15	1.8	0.005	0.068	15.78	198.9	1311	171.4	62.1	11.83	<5
LL07-2	723060	15	17	1.5	0.009	0.016	457.3	140	3772	83.4	48.8	18.28	40
LL07-2	723061	17	19	1.5	0.005	0.021	30.01	148	1324	88.8	41.4	10.73	22
LL07-2	723062	19	21	1.5	0.014	0.102	96.6	315.6	4459	262.7	88.4	7.35	7
LL07-2	723063	21	23	1.8	0.016	0.134	13.14	101.2	1962	248.9	36.1	6.49	<5
LL07-2	723064	23	25	1.9	0.006	0.059	16.65	83.7	1383	129.9	23.9	9.16	<5
LL07-2	723065	25	27	1.8	0.006	0.009	5.65	52.2	399	27.4	4.6	4.39	<5
LL07-2	723066	27	29	1.8	0.003	0.02	70.23	68.2	796	68.4	6.5	7.64	6
LL07-2	723067	29	31	1.5	0.018	0.021	20.47	55.7	753	65.4	18.9	8.61	<5
LL07-2	723068	31	33	1.8	0.006	0.017	24.42	72.8	738	74.5	25.3	8.15	11
LL07-2	723069	33	35	1.6	0.011	0.156	12.33	92.2	2008	204.4	62.4	16.08	21
LL07-2	723070	35	37	1.5	0.011	0.091	12.2	71.1	956	96.9	46.4	11.03	<5
LL07-2	723071	37	39	1.4	0.018	0.178	31.02	126.3	2264	210.3	62.9	18.5	12
LL07-2	723072	39	41	1.2	0.021	0.033	16.95	131.4	1633	102.3	64.9	8.6	13
LL07-2	723073	41	43	2	0.007	0.069	6.63	73.1	951	76.4	44.3	5.2	<5
LL07-2	723074	43	45	1.8	0.005	0.055	6.8	112.8	795	74.7	33.2	5.38	<5
LL07-2	723076	45	47	1.4	0.011	0.039	12.11	194.2	906	77.1	51.9	8.17	57
LL07-2	723077	47	49	1.8	0.005	0.008	13.84	181.9	189	26.4	15.6	0.66	7
LL07-2	723078	49	51	1.3	0.006	0.002	17.28	163.3	143	27.8	18.8	0.51	<5
LL07-2	723080	51	53	1.5	<0.001	<0.001	10.09	105.5	59	8.2	4.1	0.19	<5
LL07-2	723081	53	55	1.7	<0.001	<0.001	8.74	115.8	79	8.9	4.3	0.24	<5
LL07-2	723082	55	57	1.5	<0.001	<0.001	8.19	148.4	17	3.1	2.5	0.13	<5
LL07-2	723083	57	57.61	0.5	<0.001	0.005	9.66	103.6	225	18.7	11.7	0.36	<5
LL07-3	723084	1.83	3	1	0.01	0.065	18.24	85	2114	102.2	37.4	9.25	10
LL07-3	723085	3	5	1.6	0.011	0.008	5.59	116.2	153	12.5	8	0.56	<5
LL07-3	723086	5	7	1.7	0.01	0.015	6.48	98.2	155	25.6	17.6	1.73	<5
LL07-3	723087	7	9	1.9	0.024	0.049	19.49	99.7	583	110.5	18.5	5.16	12
LL07-3	723088	9	11	1.9	0.028	0.039	6.03	70.3	295	68.2	29.7	3.71	10
LL07-3	723089	11	13	1.8	0.055	0.006	4.42	73.9	57	16.8	5.4	0.66	10
LL07-3	723090	13	15	1.8	0.022	0.006	22.44	101.6	165	13.2	6.6	0.69	<5
LL07-3	723091	15	17	1.6	0.019	0.021	11.62	98.1	268	39.9	7.7	2.44	8
LL07-3	723092	17	19	1.6	0.019	0.018	300.5	1772	1537	151.3	76.2	3.22	86
LL07-3	723093	19	21	1.9	0.028	0.017	11.61	54.1	809	59.7	59.6	2.27	<5
LL07-3	723094	21	23	1.9	0.025	0.065	17.86	60.9	2218	137	31.5	6.65	9
LL07-3	723096	23	25	1.7	0.019	0.045	40.97	147.9	5233	149.3	76.3	18.36	45
LL07-3	723097	25	27	1.7	0.016	0.057	195.5	136.2	3022	202.8	77.7	6.99	27
LL07-3	723098	27	29	1.5	0.013	0.093	9.96	106.2	2275	159.1	27.1	13.39	17
LL07-3	723099	29	31	1.6	0.006	0.028	7.72	83.1	744	45	14	5.8	<5
LL07-3	723100	31	33	1.9	0.01	0.006	32.45	100.9	284	16.9	16.1	1.46	5
LL07-3	723101	33	35	1.8	0.003	0.006	6.8	92.6	231	14.4	6.9	1.39	<5
LL07-3	723102	35	37	2	0.013	0.046	15.64	74.5	1306	109.2	30.9	6.69	7
LL07-3	723103	37	39	1.5	0.004	0.045	10.9	68.2	1331	51.4	30.9	9.55	18
LL07-3	723104	39	41	1.5	0.015	0.067	5.05	58.2	1491	82.5	21.7	8.17	13
LL07-3	723105	41	43	1.7	0.009	0.044	5.9	67.4	885	59.8	9.6	7.02	12

Hole	Sample No	From (m)	To (m)	WT KG	Mo %	Cu %	Pb PPM	Zn PPM	Ag PPB	As PPM	Au PPB	Sb PPM	Hg PPB
LL07-3	723106	43	45	1.7	0.011	0.021	7.68	55.3	503	47.8	10	3.16	<5
LL07-3	723107	45	47	1.7	0.014	0.052	4.28	53.3	1042	65.3	22.8	5.01	9
LL07-3	723108	47	49	1	0.009	0.028	37.13	71.1	881	27.6	27.9	1.56	12
LL07-3	723109	49	51	1	0.01	0.02	14.8	46.3	1041	50.8	16.4	3.25	15
LL07-3	723110	51	53	1.8	0.012	0.027	10.43	56.1	1086	75.4	17.1	2.33	9
LL07-3	723111	53	55	1.7	0.016	0.055	32.99	139.3	1778	149.8	27	5.96	20
LL07-3	723112	55	57	1.9	0.042	0.122	27.61	94.8	1236	311	27.3	6.4	<5
LL07-3	723113	57	59	1.9	0.012	0.069	4.82	82.9	904	119.7	11.3	2.12	<5
LL07-3	723114	59	61	2	0.026	0.039	11.44	109.7	1063	91.4	29.9	3.25	7
LL07-3	723115	61	63	2	0.017	0.041	168.2	720.7	3616	134.1	72.3	7.81	26
LL07-3	723117	63	65	1.9	0.004	0.203	84.72	653	2463	508	84.2	12.89	14
LL07-3	723118	65	67	2	0.005	0.085	4.86	61.4	820	97.9	32.9	1.42	<5
LL07-3	723119	67	69	2	0.007	0.068	2.71	65.5	1512	12.8	13.1	0.72	<5
LL07-3	723120	69	71	1.7	0.048	0.02	9.52	94.5	644	48.3	9.5	2.33	11
LL07-3	723121	71	73	1.9	0.009	0.13	5457	1612	30420	340.2	217.6	114.1	205
LL07-3	723122	73	75	2	0.006	0.066	15.28	82.9	1016	65.8	69.6	1.53	<5
LL07-3	723123	75	77	2.1	0.006	0.075	28.84	113.9	2372	152.5	88.2	14.1	18
LL07-3	723124	77	79	2	0.006	0.036	3.22	130.4	872	28.8	18.7	0.3	<5
LL07-3	723125	79	81	2	0.018	0.099	5.01	75.8	2383	98.8	77.2	1.32	<5
LL07-3	723126	81	83	1.8	0.012	0.058	5.95	85.7	2337	107.8	18.4	1.63	<5
LL07-3	723128	83	85	1.8	0.001	0.002	6.7	62.4	113	4.2	2.4	0.19	<5
LL07-3	723129	85	87	1.8	<0.001	0.002	4.41	34.8	74	4	1.5	0.11	<5
LL07-3	723130	87	89	1.9	<0.001	<0.001	8.2	39.5	44	2.7	2.9	0.14	<5
LL07-3	723131	89	91	1.7	<0.001	<0.001	3.66	39.7	49	3	1.8	0.14	<5
LL07-3	723132	91	93	1.8	<0.001	<0.001	3.92	39.5	59	2.3	<0.2	0.11	<5
LL07-3	723133	93	95	1.9	<0.001	<0.001	5.81	39.7	75	2.2	1.2	0.12	<5
LL07-3	723134	95	97.23	2.1	<0.001	<0.001	6.46	35.1	95	4.7	1.7	0.16	<5

# APPENDIX E - CERTIFICATES OF ANALYSIS



**Client:** Dentonia Resources Ltd.

P.O. Box 10321 Pacific Centre  
880 - 609 Granville St.  
Vancouver BC V7Y 1G5 Canada

Submitted By: Adolf Petancic  
Receiving Lab: Acme Analytical Laboratories (Vancouver) Ltd.  
Received: September 10, 2007  
Report Date: November 14, 2007  
Page: 1 of 4

## CERTIFICATE OF ANALYSIS

SMI07000128.1

### CLIENT JOB INFORMATION

Project: LENNAC  
Shipment ID:  
P.O. Number ACME FILE: A718344  
Number of Samples: 86

### 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.

Invoice To: Dentonia Resources Ltd.  
P.O. Box 10321 Pacific Centre  
880 - 609 Granville St.  
Vancouver BC V7Y 1G5  
Canada

CC: Don MacIntyre

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
R150	86	Crush, split and pulverize drill core to 150 mesh		
7AR	86	1:1:1 Aqua Regia digestion ICP-ES analysis	1	Completed
1F	86	1:1:1 Aqua Regia digestion Ultratrace IC-PMS analysis	0.5	Completed

### ADDITIONAL COMMENTS



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.



**CERTIFICATE OF ANALYSIS** **SMI07000128.1**

Method	Analyte	WGHT	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al		
Unit	kg	%	%	%	%	GMWT	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
MDL	0.01	0.001	0.001	0.01	0.01	2	0.001	0.001	0.01	0.01	0.01	0.001	0.001	0.001	0.001	0.01	0.001	0.001	0.001	0.01	0.01	0.001	0.01
723001	Drill Core	1.1	<0.001	0.102	<0.01	0.01	3	<0.001	<0.001	0.06	0.71	0.03	0.001	<0.001	0.003	<0.01	0.46	0.025	<0.001	0.14	0.38		
723002	Drill Core	1.5	0.001	0.157	<0.01	0.01	4	<0.001	<0.001	0.04	0.71	0.04	0.001	<0.001	0.005	<0.01	0.53	0.025	0.004	0.15	0.42		
723003	Drill Core	1.8	<0.001	0.086	<0.01	<0.01	2	<0.001	<0.001	0.05	1.13	0.02	0.002	<0.001	0.002	<0.01	1.03	0.030	<0.001	0.32	0.47		
723004	Drill Core	1.8	0.003	0.111	<0.01	0.02	3	<0.001	<0.001	0.05	0.84	0.02	0.002	<0.001	0.004	<0.01	1.04	0.025	0.004	0.30	0.53		
723005	Drill Core	1.8	0.002	0.093	<0.01	<0.01	2	<0.001	<0.001	0.03	0.66	<0.01	0.002	<0.001	0.001	<0.01	0.91	0.025	<0.001	0.31	0.55		
723006	Drill Core	2	0.004	0.107	<0.01	0.01	3	<0.001	<0.001	0.04	0.80	0.02	0.002	<0.001	0.002	<0.01	0.97	0.028	0.004	0.28	0.50		
723007	Drill Core	1.5	0.002	0.273	<0.01	0.02	5	<0.001	<0.001	0.03	1.13	0.07	0.002	<0.001	0.006	<0.01	0.77	0.022	<0.001	0.23	0.49		
723008	Drill Core	2	0.002	0.196	<0.01	<0.01	4	<0.001	<0.001	0.02	0.61	0.03	0.002	<0.001	<0.001	<0.01	0.62	0.027	0.004	0.23	0.42		
723009	Drill Core	1.7	<0.001	0.135	<0.01	0.01	2	<0.001	<0.001	0.03	0.63	0.03	0.002	<0.001	0.002	<0.01	0.93	0.029	<0.001	0.35	0.48		
723010	Drill Core	1.6	0.002	0.105	<0.01	<0.01	3	<0.001	<0.001	0.03	0.43	0.02	0.002	<0.001	0.004	<0.01	0.77	0.022	0.005	0.30	0.48		
723011	Drill Core	1.6	0.003	0.085	<0.01	0.02	4	<0.001	<0.001	0.05	0.74	0.02	0.002	<0.001	0.009	<0.01	0.78	0.027	<0.001	0.27	0.42		
723012	Drill Core	1.6	0.007	0.163	<0.01	0.02	10	<0.001	<0.001	0.03	1.02	0.04	0.002	<0.001	0.015	<0.01	0.46	0.020	0.005	0.17	0.36		
723013	Drill Core	1.7	0.010	0.100	<0.01	0.01	3	<0.001	<0.001	0.05	0.70	0.02	0.002	<0.001	0.005	<0.01	0.79	0.025	<0.001	0.28	0.46		
723014	Drill Core	1.8	0.009	0.136	<0.01	0.01	3	<0.001	<0.001	0.03	0.49	0.03	0.002	<0.001	0.004	<0.01	0.89	0.020	0.004	0.27	0.44		
723015	Drill Core	1.7	0.009	0.131	<0.01	0.02	3	<0.001	<0.001	0.03	0.62	0.03	0.002	<0.001	0.004	<0.01	0.84	0.021	<0.001	0.28	0.45		
723016	Drill Core	1.8	0.007	0.156	<0.01	<0.01	3	<0.001	<0.001	0.03	0.50	0.02	0.002	<0.001	<0.001	<0.01	0.68	0.019	0.004	0.27	0.53		
723017	Drill Core	1.7	0.011	0.152	<0.01	0.02	<2	<0.001	<0.001	0.02	0.51	0.02	0.002	<0.001	0.006	<0.01	0.84	0.024	<0.001	0.22	0.52		
723018	Drill Core	1.8	0.005	0.161	<0.01	0.01	<2	<0.001	<0.001	0.02	0.67	0.02	0.002	<0.001	0.006	<0.01	0.65	0.028	0.004	0.24	0.51		
723019	Drill Core	1.8	0.005	0.104	<0.01	0.02	3	<0.001	<0.001	0.04	0.93	0.02	0.002	<0.001	0.006	<0.01	0.80	0.021	<0.001	0.27	0.50		
RRE 723019	Drill Core		0.005	0.104	<0.01	0.02	3	<0.001	<0.001	0.04	0.86	0.02	0.002	<0.001	0.006	<0.01	0.82	0.020	0.004	0.28	0.48		
723020	Drill Core	1.9	0.006	0.057	<0.01	<0.01	<2	<0.001	<0.001	0.03	0.91	0.01	0.002	<0.001	0.001	<0.01	0.68	0.021	<0.001	0.24	0.45		
723021	Drill Core	1.9	0.007	0.048	<0.01	<0.01	<2	<0.001	<0.001	0.03	1.04	0.01	0.002	<0.001	0.003	<0.01	0.73	0.022	0.005	0.24	0.47		
723022	Drill Core	1.8	0.005	0.042	<0.01	0.01	2	<0.001	<0.001	0.06	1.27	<0.01	0.003	<0.001	0.002	<0.01	1.50	0.017	<0.001	0.48	0.41		
723023	Drill Core	1.7	0.014	0.056	<0.01	<0.01	2	<0.001	<0.001	0.04	1.35	0.01	0.003	<0.001	0.002	<0.01	1.44	0.020	0.004	0.49	0.50		
723024	Drill Core	2.3	<0.001	0.002	<0.01	0.01	<2	0.005	0.001	0.04	3.29	<0.01	0.009	<0.001	<0.001	<0.01	0.59	0.049	0.004	1.04	2.10		
723025	Drill Core	1.8	0.007	0.046	<0.01	0.02	<2	<0.001	<0.001	0.03	1.23	<0.01	0.003	<0.001	0.001	<0.01	0.93	0.032	0.004	0.38	0.66		
723026	Drill Core	1.5	0.009	0.032	<0.01	0.02	<2	<0.001	<0.001	0.05	1.28	<0.01	0.003	<0.001	<0.001	<0.01	1.00	0.025	<0.001	0.41	0.61		
723027	Drill Core	1.9	<0.001	0.036	<0.01	0.05	<2	<0.001	0.001	0.14	2.01	<0.01	0.007	<0.001	0.001	<0.01	3.31	0.060	0.002	1.06	0.61		
723028	Drill Core	1.6	<0.001	0.006	<0.01	0.08	<2	<0.001	<0.001	0.11	1.86	<0.01	0.007	<0.001	<0.001	<0.01	3.17	0.073	<0.001	0.94	0.65		
723029	Drill Core	1.9	<0.001	<0.001	<0.01	0.01	<2	<0.001	<0.001	0.11	1.89	<0.01	0.008	<0.001	<0.001	<0.01	3.19	0.073	0.002	0.95	0.65		

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**CERTIFICATE OF ANALYSIS** **SMI07000128.1**

Method	7AR	7AR	7AR	7AR	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	Na	K	W	Hg	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	
MDL	0.001	0.001	0.001	0.001	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	
723001	Drill Core	0.007	0.195	<0.001	<0.001	6.67	1110	49.88	111.8	1790	2.8	2.0	601	0.71	284.1	1.0	91.7	3.0	11.2	2.63	13.77
723002	Drill Core	0.006	0.217	<0.001	<0.001	9.85	1681	47.08	132.1	3349	3.4	2.3	449	0.70	493.4	1.3	16.9	3.3	10.6	1.61	19.41
723003	Drill Core	0.009	0.224	<0.001	<0.001	9.77	926.9	17.81	89.9	2117	3.3	3.6	653	1.18	235.0	2.8	32.7	2.9	16.3	0.40	3.94
723004	Drill Core	0.007	0.200	<0.001	<0.001	26.73	1155	58.01	227.5	2448	3.9	2.0	558	0.85	254.7	2.9	113.3	3.0	17.5	1.98	10.97
723005	Drill Core	0.012	0.182	<0.001	<0.001	22.20	1021	8.77	59.4	2029	2.7	1.9	382	0.64	79.2	2.5	127.8	2.8	18.4	0.21	2.08
723006	Drill Core	0.008	0.203	<0.001	<0.001	35.73	1099	60.00	103.0	2177	3.4	2.2	461	0.82	215.0	2.7	52.5	3.1	16.3	0.80	7.07
723007	Drill Core	0.007	0.241	<0.001	<0.001	17.36	2958	35.95	174.6	4333	3.7	4.7	328	1.15	760.2	1.8	27.4	3.1	16.8	1.15	24.99
723008	Drill Core	0.024	0.195	<0.001	<0.001	17.63	2106	12.61	55.2	3372	2.5	1.7	248	0.59	285.0	2.5	10.8	3.3	14.9	0.27	2.27
723009	Drill Core	0.028	0.228	<0.001	<0.001	8.07	1447	42.58	114.4	2454	2.9	2.1	380	0.63	283.8	2.6	26.8	3.3	20.1	1.47	7.94
723010	Drill Core	0.023	0.206	<0.001	<0.001	22.87	1102	15.69	84.5	1922	2.6	1.5	273	0.42	186.8	2.9	11.3	3.1	21.5	0.77	13.40
723011	Drill Core	0.006	0.230	0.001	<0.001	28.80	863.0	100.9	173.9	3575	3.0	1.7	536	0.75	268.1	1.8	24.7	3.2	17.4	1.67	40.64
723012	Drill Core	0.006	0.231	<0.001	<0.001	70.08	1788	82.96	239.1	7869	5.8	4.6	299	1.04	478.9	1.7	112.4	3.3	17.2	2.73	82.34
723013	Drill Core	0.007	0.256	<0.001	<0.001	100.9	1046	55.27	121.3	2202	2.6	1.7	594	0.72	267.0	1.6	21.7	2.9	20.2	0.95	21.28
723014	Drill Core	0.011	0.220	<0.001	<0.001	83.76	1403	39.31	120.9	2627	2.5	1.8	345	0.50	312.9	2.4	26.9	3.1	19.0	1.29	14.37
723015	Drill Core	0.013	0.204	<0.001	<0.001	89.58	1403	47.70	194.0	2182	4.1	2.1	293	0.62	329.6	5.0	17.9	3.3	20.5	2.68	17.05
723016	Drill Core	0.017	0.192	<0.001	<0.001	70.86	1724	13.67	62.7	2930	4.5	2.1	320	0.50	232.2	4.2	20.0	3.3	19.9	0.40	4.20
723017	Drill Core	0.016	0.192	<0.001	<0.001	112.2	1610	51.28	170.5	1264	2.4	2.1	210	0.53	186.8	3.9	26.0	3.0	20.8	2.45	27.59
723018	Drill Core	0.034	0.194	<0.001	<0.001	46.27	1692	27.04	109.0	1481	3.0	2.5	190	0.66	242.8	2.3	21.1	2.7	17.8	0.87	26.73
723019	Drill Core	0.026	0.222	<0.001	<0.001	52.42	1036	40.56	168.7	2504	3.2	3.0	424	0.94	233.0	2.4	27.2	3.1	19.8	2.29	30.13
RRE 723019	Drill Core	0.024	0.208	<0.001	<0.001	49.79	1076	50.55	161.9	2533	3.9	2.5	390	0.88	233.3	2.4	40.2	3.2	21.0	2.16	28.60
723020	Drill Core	0.028	0.225	<0.001	<0.001	56.26	592.8	18.88	67.4	1362	2.3	2.0	303	0.92	133.8	3.1	16.1	3.1	18.6	0.69	6.90
723021	Drill Core	0.013	0.212	<0.001	<0.001	63.60	500.7	46.96	58.9	1569	3.3	2.9	373	1.07	127.5	2.4	34.7	3.3	18.1	0.79	10.90
723022	Drill Core	0.017	0.212	<0.001	<0.001	51.57	412.9	55.02	113.9	1670	3.1	3.8	644	1.28	80.9	2.2	42.2	3.5	28.7	1.13	9.28
723023	Drill Core	0.020	0.193	<0.001	<0.001	139.5	601.0	16.59	86.2	1857	3.1	4.4	443	1.41	125.3	2.0	66.7	3.6	32.9	0.76	8.11
723024	Drill Core	0.027	0.335	<0.001	<0.001	0.81	25.80	10.31	101.6	83	57.2	15.6	471	3.42	5.1	0.4	0.6	2.4	82.7	0.10	0.14
723025	Drill Core	0.028	0.213	<0.001	<0.001	66.14	502.9	14.63	177.4	988	3.2	4.4	345	1.29	93.0	1.8	44.4	3.3	24.5	1.79	4.19
723026	Drill Core	0.034	0.252	<0.001	<0.001	90.02	334.6	36.27	248.4	1149	4.2	5.7	499	1.32	103.5	1.5	30.2	2.9	29.2	2.46	4.67
723027	Drill Core	0.017	0.404	<0.001	<0.001	4.85	382.1	109.7	466.7	1316	4.9	10.4	1505	2.11	71.4	1.7	43.9	1.9	68.1	4.22	4.54
723028	Drill Core	0.021	0.477	<0.001	<0.001	1.03	65.98	11.54	837.1	339	3.5	6.5	1174	1.91	11.0	1.2	127.4	2.0	77.4	8.90	1.17
723029	Drill Core	0.031	0.452	<0.001	<0.001	0.79	6.94	12.04	129.5	30	3.3	6.3	1056	1.84	1.9	1.1	13.9	1.8	86.3	0.29	0.17

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.

**CERTIFICATE OF ANALYSIS** SMI07000128.1

Method	Analyte	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Unit	MDL	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	%	ppb	ppm	ppm
723001	Drill Core	0.10	<2	0.54	0.025	11.0	2.8	0.15	36.8	<0.001	<20	0.29	0.005	0.14	<0.1	0.9	0.12	0.30	16	0.4	0.03					
723002	Drill Core	0.15	2	0.57	0.025	11.1	27.9	0.15	45.9	<0.001	<20	0.34	0.002	0.16	<0.1	0.7	0.15	0.42	20	0.8	0.03					
723003	Drill Core	0.22	2	1.09	0.027	8.9	2.8	0.32	57.5	<0.001	<20	0.33	0.006	0.15	<0.1	0.9	0.12	0.84	8	0.8	0.04					
723004	Drill Core	0.18	3	1.11	0.023	8.4	31.9	0.28	94.7	<0.001	<20	0.41	0.004	0.13	<0.1	1.0	0.14	0.61	39	0.8	0.02					
723005	Drill Core	0.08	2	1.00	0.026	7.8	2.9	0.32	42.4	<0.001	<20	0.43	0.009	0.15	<0.1	1.2	0.14	0.31	<5	0.5	0.03					
723006	Drill Core	0.17	2	1.00	0.032	7.5	31.2	0.29	75.7	<0.001	<20	0.41	0.007	0.15	<0.1	0.8	0.13	0.56	20	0.6	0.04					
723007	Drill Core	0.22	4	0.81	0.024	5.5	4.1	0.22	97.7	<0.001	<20	0.38	0.006	0.19	0.1	0.7	0.21	0.99	14	1.4	0.07					
723008	Drill Core	0.12	3	0.64	0.025	8.3	31.1	0.22	95.6	<0.001	<20	0.32	0.016	0.14	<0.1	0.7	0.13	0.42	<5	1.1	<0.02					
723009	Drill Core	0.14	3	0.98	0.027	8.8	2.8	0.34	87.5	<0.001	<20	0.36	0.021	0.18	<0.1	0.9	0.12	0.36	<5	0.9	0.06					
723010	Drill Core	0.08	3	0.81	0.026	9.3	38.3	0.30	88.1	<0.001	<20	0.39	0.016	0.15	<0.1	0.8	0.11	0.20	<5	0.8	0.03					
723011	Drill Core	0.20	2	0.83	0.029	8.9	2.7	0.26	141.7	<0.001	<20	0.32	0.004	0.17	<0.1	0.7	0.10	0.57	48	0.6	0.06					
723012	Drill Core	0.27	<2	0.46	0.023	4.9	38.0	0.18	42.4	<0.001	<20	0.31	0.005	0.16	0.1	0.4	0.24	1.00	78	1.0	0.06					
723013	Drill Core	0.15	4	0.84	0.025	10.6	2.9	0.29	85.2	<0.001	<20	0.36	0.005	0.18	<0.1	0.8	0.12	0.52	43	0.7	0.05					
723014	Drill Core	0.10	2	0.93	0.022	7.4	37.8	0.26	45.9	<0.001	<20	0.32	0.008	0.17	<0.1	0.8	0.14	0.29	20	0.8	0.02					
723015	Drill Core	0.11	4	0.90	0.021	7.4	2.8	0.28	64.3	<0.001	<20	0.37	0.009	0.13	<0.1	1.0	0.23	0.38	13	1.0	0.02					
723016	Drill Core	0.12	<2	0.74	0.024	8.3	36.5	0.28	34.6	<0.001	<20	0.41	0.012	0.14	<0.1	0.8	0.11	0.29	5	1.0	0.03					
723017	Drill Core	0.09	3	0.91	0.030	9.5	2.7	0.22	55.8	<0.001	<20	0.47	0.013	0.16	<0.1	1.1	0.17	0.24	7	1.2	0.02					
723018	Drill Core	0.09	4	0.67	0.025	6.7	33.7	0.24	44.9	<0.001	<20	0.37	0.023	0.13	<0.1	1.9	0.18	0.25	8	0.9	0.03					
723019	Drill Core	0.21	3	0.83	0.028	6.6	3.3	0.27	53.3	<0.001	<20	0.39	0.020	0.16	<0.1	0.9	0.15	0.64	35	0.6	0.04					
RRE 723019	Drill Core	0.21	3	0.87	0.025	7.2	36.2	0.27	53.5	<0.001	<20	0.39	0.017	0.15	<0.1	0.8	0.16	0.63	40	0.9	0.03					
723020	Drill Core	0.20	3	0.73	0.023	7.6	3.3	0.24	53.8	<0.001	<20	0.35	0.021	0.18	<0.1	0.8	0.11	0.55	8	0.5	0.03					
723021	Drill Core	0.24	<2	0.78	0.021	6.8	40.1	0.23	97.9	<0.001	<20	0.36	0.009	0.15	<0.1	0.6	0.11	0.88	17	0.5	0.02					
723022	Drill Core	0.24	3	1.53	0.019	4.4	2.3	0.46	56.2	<0.001	<20	0.28	0.012	0.15	<0.1	0.7	0.68	0.83	29	0.5	0.05					
723023	Drill Core	0.22	7	1.49	0.024	4.5	34.2	0.51	69.2	<0.001	<20	0.42	0.014	0.15	<0.1	0.9	1.10	0.82	23	0.7	0.05					
723024	Drill Core	0.10	44	0.64	0.055	12.8	39.6	1.06	220.9	0.004	<20	2.00	0.021	0.23	<0.1	5.8	0.03	0.24	26	0.3	0.02					
723025	Drill Core	0.21	8	0.99	0.033	5.9	37.5	0.37	60.0	<0.001	<20	0.53	0.022	0.16	<0.1	1.0	0.46	0.75	18	0.4	0.02					
723026	Drill Core	0.20	8	1.04	0.030	8.1	3.1	0.41	63.2	<0.001	<20	0.51	0.028	0.20	<0.1	1.3	0.55	0.67	18	0.4	0.02					
723027	Drill Core	0.33	21	3.40	0.067	4.9	20.3	1.08	316.9	<0.001	<20	0.49	0.011	0.24	<0.1	2.3	0.18	0.55	40	0.3	0.02					
723028	Drill Core	0.05	31	3.38	0.079	7.1	3.0	0.97	255.0	0.001	<20	0.60	0.020	0.31	<0.1	2.3	0.13	0.12	14	<0.1	<0.02					
723029	Drill Core	0.04	32	3.17	0.076	7.0	22.2	0.92	313.0	0.001	<20	0.55	0.027	0.27	<0.1	2.3	0.10	0.07	<5	<0.1	<0.02					

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**CERTIFICATE OF ANALYSIS** **SMI07000128.1**

Method	Analyte	Unit	1F
		MDL	Ga
			ppm
			0.1
723001	Drill Core		0.8
723002	Drill Core		0.9
723003	Drill Core		1.0
723004	Drill Core		1.1
723005	Drill Core		1.1
723006	Drill Core		1.1
723007	Drill Core		1.3
723008	Drill Core		1.0
723009	Drill Core		1.1
723010	Drill Core		1.1
723011	Drill Core		0.9
723012	Drill Core		0.8
723013	Drill Core		1.1
723014	Drill Core		0.9
723015	Drill Core		1.0
723016	Drill Core		1.2
723017	Drill Core		1.2
723018	Drill Core		1.0
723019	Drill Core		1.0
RRE 723019	Drill Core		1.0
723020	Drill Core		1.1
723021	Drill Core		1.0
723022	Drill Core		0.8
723023	Drill Core		1.0
723024	Drill Core		5.8
723025	Drill Core		1.4
723026	Drill Core		1.2
723027	Drill Core		1.1
723028	Drill Core		1.3
723029	Drill Core		1.3

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**CERTIFICATE OF ANALYSIS** **SMI07000128.1**

Method	WGHT	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al			
Unit	kg	%	%	%	%	GMT	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
MDL	0.01	0.001	0.001	0.01	0.01	2	0.001	0.001	0.01	0.01	0.01	0.001	0.001	0.001	0.001	0.01	0.001	0.001	0.001	0.01	0.01	0.001	0.01
723030	Drill Core	1.8	<0.001	<0.001	<0.01	0.01	<2	<0.001	<0.001	0.10	1.87	<0.01	0.008	<0.001	<0.001	<0.01	2.75	0.075	<0.001	0.65	0.65		
723031	Drill Core	1.9	<0.001	0.005	<0.01	0.01	<2	<0.001	<0.001	0.11	1.88	<0.01	0.007	<0.001	<0.001	<0.01	3.29	0.072	0.003	0.94	0.67		
723032	Drill Core	2	<0.001	<0.001	<0.01	0.01	<2	<0.001	<0.001	0.10	1.81	<0.01	0.007	<0.001	<0.001	<0.01	2.87	0.075	<0.001	0.82	0.66		
723033	Drill Core	2	<0.001	0.004	<0.01	0.01	<2	<0.001	<0.001	0.11	1.84	<0.01	0.007	<0.001	<0.001	<0.01	2.80	0.075	0.002	0.65	0.63		
723034	Drill Core	1.9	<0.001	<0.001	<0.01	<0.01	<2	0.001	<0.001	0.13	1.93	<0.01	0.008	<0.001	<0.001	<0.01	2.91	0.081	<0.001	0.67	0.56		
723035	Drill Core	2.1	<0.001	0.002	<0.01	0.01	<2	<0.001	<0.001	0.14	1.80	<0.01	0.008	<0.001	<0.001	<0.01	3.29	0.092	<0.001	0.69	0.82		
723036	Drill Core	1.1	0.005	0.094	<0.01	0.02	3	0.001	<0.001	0.13	2.42	0.02	0.008	<0.001	0.002	<0.01	2.64	0.122	0.002	0.97	0.83		
723037	Drill Core	2.3	0.004	0.023	<0.01	<0.01	<2	<0.001	<0.001	0.08	1.13	<0.01	0.004	<0.001	0.002	<0.01	1.61	0.036	0.001	0.55	0.62		
723038	Drill Core	1.9	0.085	0.055	<0.01	0.01	<2	0.001	0.001	0.08	4.33	<0.01	0.007	<0.001	<0.001	<0.01	2.81	0.207	0.002	1.35	1.42		
723039	Drill Core	1.8	0.008	0.065	<0.01	0.01	<2	0.002	0.001	0.10	4.73	<0.01	0.007	<0.001	0.002	<0.01	2.92	0.208	0.002	1.35	1.35		
723040	Drill Core	1.9	0.008	0.098	<0.01	<0.01	<2	0.002	0.002	0.05	4.46	0.01	0.007	<0.001	<0.001	<0.01	1.82	0.220	0.002	1.36	1.74		
723041	Drill Core	1.6	0.003	0.092	<0.01	<0.01	<2	<0.001	0.001	0.04	2.52	0.01	0.005	<0.001	0.001	<0.01	1.37	0.125	0.002	0.94	1.16		
723042	Drill Core	1.6	0.004	0.123	<0.01	0.01	3	0.002	0.002	0.10	3.48	0.02	0.007	<0.001	0.004	<0.01	2.87	0.188	0.003	1.40	1.47		
723043	Drill Core	2	0.003	0.112	<0.01	0.02	7	<0.001	0.002	0.18	2.53	0.03	0.005	<0.001	0.004	<0.01	2.20	0.079	0.002	0.82	0.78		
723044	Drill Core	1.8	0.004	0.125	0.01	0.04	6	0.001	0.002	0.20	4.20	0.03	0.008	<0.001	0.005	<0.01	2.94	0.187	0.002	1.38	1.58		
723045	Drill Core	1.8	0.010	0.128	0.01	0.02	4	<0.001	0.001	0.17	2.01	0.03	0.009	<0.001	0.005	<0.01	3.88	0.071	0.002	1.23	0.89		
723046	Drill Core	1.8	0.016	0.112	<0.01	0.01	5	<0.001	<0.001	0.12	1.18	0.02	0.004	<0.001	0.007	<0.01	1.60	0.056	0.003	0.60	0.64		
723047	Drill Core	2.4	<0.001	0.003	<0.01	<0.01	<2	0.005	0.001	0.06	3.19	<0.01	0.008	<0.001	<0.001	<0.01	0.91	0.050	0.004	1.01	2.09		
723048	Drill Core	1.8	0.023	0.021	<0.01	<0.01	<2	<0.001	<0.001	0.09	0.87	<0.01	0.003	<0.001	<0.001	<0.01	1.12	0.041	0.005	0.42	0.59		
723049	Drill Core	1.9	0.034	0.016	<0.01	<0.01	2	<0.001	<0.001	0.12	1.16	<0.01	0.004	<0.001	<0.001	<0.01	1.34	0.034	0.002	0.35	0.60		
723050	Drill Core	1.9	0.032	0.019	<0.01	0.02	2	<0.001	<0.001	0.13	1.14	<0.01	0.003	<0.001	0.003	<0.01	1.32	0.033	0.005	0.39	0.60		
723051	Drill Core	2.1	0.026	0.157	0.20	0.24	27	<0.001	<0.001	0.18	2.23	0.04	0.003	0.002	0.020	<0.01	1.50	0.022	0.002	0.52	0.58		
723052	Drill Core	2	0.003	0.032	<0.01	0.04	3	<0.001	<0.001	0.08	1.01	<0.01	0.003	<0.001	0.002	<0.01	1.16	0.025	0.004	0.39	0.55		
723053	Drill Core	1.2	0.006	0.013	<0.01	0.01	<2	<0.001	<0.001	0.04	1.63	<0.01	0.003	<0.001	<0.001	<0.01	1.81	0.067	0.002	0.38	0.84		
723054	Drill Core	1.8	0.005	0.002	<0.01	<0.01	<2	<0.001	<0.001	0.04	1.67	<0.01	0.006	<0.001	<0.001	<0.01	1.93	0.088	0.004	0.82	0.91		
723055	Drill Core	2	0.015	0.006	<0.01	<0.01	<2	<0.001	<0.001	0.06	2.17	<0.01	0.004	<0.001	<0.001	<0.01	1.57	0.133	0.002	0.88	0.98		
723056	Drill Core	2.1	0.004	0.010	<0.01	<0.01	<2	<0.001	<0.001	0.07	3.91	<0.01	0.005	<0.001	<0.001	<0.01	1.66	0.222	0.002	1.12	1.30		
RRE 723056	Drill Core		0.004	0.009	<0.01	<0.01	<2	<0.001	<0.001	0.07	4.03	<0.01	0.005	<0.001	<0.001	<0.01	1.64	0.226	0.001	1.12	1.30		
723057	Drill Core	1.8	0.003	0.004	<0.01	0.01	<2	0.001	<0.001	0.10	4.07	<0.01	0.006	<0.001	0.002	<0.01	2.77	0.226	<0.001	1.42	1.39		
723058	Drill Core	1.9	0.008	0.049	<0.01	0.01	<2	<0.001	<0.001	0.09	4.11	<0.01	0.007	<0.001	0.001	<0.01	2.46	0.232	<0.001	1.28	1.40		

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**CERTIFICATE OF ANALYSIS** **SMI07000128.1**

Method	7AR	7AR	7AR	7AR	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	
Analyte	Na	K	W	Hg	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	
MDL	0.001	0.001	0.001	0.001	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	
723030	Drill Core	0.044	0.457	<0.001	<0.001	0.49	5.80	11.34	104.0	36	3.1	5.6	944	1.73	1.2	1.2	36.6	1.7	86.3	0.18	0.13
723031	Drill Core	0.023	0.395	<0.001	<0.001	0.35	54.19	11.41	124.8	121	3.2	6.0	1032	1.79	8.7	1.1	26.4	1.6	68.9	0.39	0.38
723032	Drill Core	0.026	0.413	<0.001	<0.001	0.46	3.17	9.81	111.8	14	3.0	5.9	1053	1.81	2.5	1.1	6.0	1.6	70.6	0.23	0.10
723033	Drill Core	0.034	0.426	<0.001	<0.001	0.49	45.24	16.39	111.2	154	3.1	6.1	1076	1.64	11.9	1.1	26.1	1.6	72.6	0.39	0.39
723034	Drill Core	0.033	0.410	<0.001	<0.001	0.72	8.49	9.96	95.4	41	12.6	7.5	1271	1.77	1.7	1.0	23.7	1.5	80.0	0.07	0.05
723035	Drill Core	0.047	0.533	<0.001	<0.001	0.46	16.50	28.89	138.4	152	4.8	6.7	1321	1.64	4.1	1.4	16.4	1.6	81.9	0.78	0.25
723036	Drill Core	0.058	0.421	<0.001	<0.001	42.86	945.4	42.45	193.4	3433	13.4	8.4	1272	2.34	167.1	1.6	33.6	2.0	61.7	1.33	7.56
723037	Drill Core	0.031	0.339	<0.001	<0.001	38.16	256.7	28.56	104.2	1164	4.5	3.7	808	1.11	65.0	1.3	32.2	3.9	40.3	0.77	6.48
723038	Drill Core	0.081	0.645	<0.001	<0.001	829.1	540.0	10.27	118.9	1326	14.7	15.7	779	3.82	34.5	0.6	208.4	1.0	75.2	<0.01	2.83
723039	Drill Core	0.060	0.577	<0.001	<0.001	64.74	649.9	13.68	106.4	1915	16.3	14.2	1016	4.05	64.7	0.6	55.2	1.0	79.8	0.35	4.91
723040	Drill Core	0.135	1.013	<0.001	<0.001	71.43	971.1	6.78	68.8	1230	18.5	22.1	466	3.88	117.1	0.5	23.0	0.9	69.3	0.03	3.15
723041	Drill Core	0.097	0.644	<0.001	<0.001	31.26	908.2	6.00	58.8	1618	10.7	15.6	355	2.37	148.7	0.8	21.7	2.2	47.9	0.15	6.74
723042	Drill Core	0.055	0.702	<0.001	<0.001	35.59	1173	14.73	147.1	2540	17.4	18.2	934	3.09	183.1	0.9	40.0	1.3	72.6	0.86	14.38
723043	Drill Core	0.040	0.454	<0.001	<0.001	25.88	1082	94.48	209.0	5654	9.4	19.9	1703	2.40	260.1	1.6	81.4	2.2	50.9	1.83	15.03
723044	Drill Core	0.052	0.693	<0.001	<0.001	34.39	1225	104.8	331.9	5010	13.0	17.0	1817	3.45	256.7	1.1	99.7	1.3	79.0	3.08	21.69
723045	Drill Core	0.023	0.347	<0.001	<0.001	86.75	1307	111.1	214.0	3939	10.5	12.8	1711	1.99	284.5	1.9	33.1	2.1	88.9	2.05	16.60
723046	Drill Core	0.042	0.355	<0.001	<0.001	145.1	1123	52.83	146.7	4576	4.2	11.5	1223	1.13	200.4	1.9	33.6	2.6	43.8	2.35	27.81
723047	Drill Core	0.033	0.335	<0.001	<0.001	0.90	24.54	8.28	99.1	85	51.2	13.3	544	3.03	6.3	0.3	0.9	2.0	85.5	0.08	0.20
723048	Drill Core	0.050	0.336	<0.001	<0.001	204.5	219.0	21.81	54.0	1366	3.1	5.6	856	0.79	32.7	1.7	13.7	2.7	31.4	0.36	2.99
723049	Drill Core	0.022	0.379	<0.001	<0.001	345.4	171.9	53.98	99.8	2049	2.9	3.2	1260	1.19	53.9	2.6	22.2	2.8	34.6	0.64	3.06
723050	Drill Core	0.022	0.387	<0.001	<0.001	304.2	196.9	48.01	139.8	1783	3.0	3.2	1350	1.10	67.3	2.4	28.6	2.6	32.1	1.32	6.39
723051	Drill Core	0.007	0.389	<0.001	<0.001	244.0	1524	2094	2175	23333	3.2	5.4	1684	2.19	379.6	2.5	111.0	3.3	31.0	23.53	82.47
723052	Drill Core	0.032	0.360	<0.001	<0.001	23.26	309.6	80.87	370.2	2683	2.7	4.3	830	0.97	98.4	1.3	41.2	3.2	31.2	3.74	5.69
723053	Drill Core	0.043	0.305	<0.001	<0.001	55.04	133.6	16.94	109.3	308	6.2	4.6	388	1.44	33.1	0.5	7.8	2.6	26.4	0.58	3.42
723054	Drill Core	0.086	0.362	<0.001	<0.001	42.83	19.81	4.52	72.3	52	8.3	4.0	402	1.55	7.3	0.4	2.4	2.5	48.6	0.28	0.62
723055	Drill Core	0.109	0.492	<0.001	<0.001	128.7	57.78	4.99	76.7	168	8.7	4.6	528	1.93	13.2	0.5	4.0	2.2	35.0	0.18	0.77
723056	Drill Core	0.095	0.781	<0.001	<0.001	39.50	96.18	13.02	93.4	341	10.6	8.7	666	3.26	32.8	0.5	10.3	1.2	40.9	0.29	0.64
RRE 723056	Drill Core	0.102	0.798	<0.001	<0.001	38.50	89.52	14.81	88.8	327	9.8	8.5	644	3.27	29.8	0.5	11.8	1.3	41.8	0.29	0.61
723057	Drill Core	0.066	0.629	<0.001	<0.001	28.62	42.26	8.98	153.1	182	10.9	8.3	1066	3.66	23.1	0.5	24.1	1.2	55.1	0.60	1.75
723058	Drill Core	0.087	0.686	<0.001	<0.001	67.60	449.5	7.99	125.6	1096	9.5	8.1	825	3.31	80.2	0.5	20.8	1.3	54.4	0.49	4.78

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**CERTIFICATE OF ANALYSIS** SMI07000128.1

Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F		
Analyte	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te									
Unit	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm									
MDL	0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02									
723030	Drill Core	0.03	31	2.68	0.076	7.7	3.5	0.63	459.0	0.002	<20	0.56	0.037	0.27	<0.1	2.2	0.07	0.04	<5	<0.1	<0.02								
723031	Drill Core	0.03	28	3.24	0.079	7.3	24.6	0.91	236.6	0.001	<20	0.56	0.020	0.24	<0.1	2.1	0.10	0.05	<5	<0.1	<0.02								
723032	Drill Core	<0.02	30	2.84	0.076	6.9	3.3	0.81	106.9	0.001	<20	0.56	0.022	0.25	<0.1	2.0	0.10	0.05	<5	0.1	<0.02								
723033	Drill Core	0.03	27	2.64	0.074	6.9	23.7	0.62	328.5	0.002	<20	0.49	0.029	0.26	<0.1	2.1	0.08	0.06	<5	<0.1	<0.02								
723034	Drill Core	0.06	30	2.90	0.089	7.3	4.0	0.64	338.9	0.002	<20	0.42	0.029	0.25	<0.1	2.0	0.09	0.07	<5	0.1	0.04								
723035	Drill Core	0.05	23	3.01	0.099	9.5	6.1	0.64	310.6	0.002	<20	0.50	0.026	0.32	<0.1	1.6	0.13	0.08	<5	0.1	<0.02								
723036	Drill Core	0.13	48	2.65	0.128	11.0	18.9	0.96	64.6	0.010	<20	0.54	0.029	0.29	<0.1	2.7	0.15	0.47	8	0.6	<0.02								
723037	Drill Core	0.09	13	1.64	0.038	7.8	13.4	0.55	63.1	0.001	<20	0.37	0.018	0.22	<0.1	0.8	0.12	0.38	<5	0.2	0.03								
723038	Drill Core	0.12	142	2.60	0.225	12.5	22.2	1.34	55.3	0.071	<20	1.09	0.034	0.56	0.1	7.0	0.22	0.52	<5	1.6	<0.02								
723039	Drill Core	0.29	96	2.83	0.225	13.1	18.2	1.34	49.5	0.068	<20	1.08	0.038	0.54	0.2	6.4	0.24	0.51	<5	1.0	0.15								
723040	Drill Core	0.09	138	1.78	0.240	13.2	30.3	1.33	120.8	0.173	<20	1.48	0.102	0.97	0.1	7.2	0.32	0.54	<5	1.4	0.02								
723041	Drill Core	0.06	82	1.37	0.130	10.1	21.6	0.91	96.1	0.087	<20	0.90	0.065	0.58	0.1	4.4	0.24	0.37	<5	0.9	<0.02								
723042	Drill Core	0.12	109	2.67	0.201	10.4	30.2	1.33	92.2	0.097	<20	1.14	0.038	0.68	0.1	6.7	0.31	0.48	5	1.1	0.02								
723043	Drill Core	0.19	29	2.12	0.081	7.0	14.1	0.78	124.8	0.006	<20	0.51	0.026	0.30	<0.1	3.8	0.23	1.30	11	0.9	0.03								
723044	Drill Core	0.20	101	2.71	0.194	9.8	21.4	1.31	104.8	0.087	<20	1.24	0.037	0.64	0.1	6.5	0.32	0.83	19	1.1	0.11								
723045	Drill Core	0.24	42	3.56	0.079	7.6	19.5	1.24	64.3	0.003	<20	0.64	0.019	0.24	<0.1	4.8	0.22	0.77	17	1.0	0.05								
723046	Drill Core	0.08	17	1.62	0.058	8.8	31.3	0.57	138.8	0.003	<20	0.44	0.025	0.24	<0.1	2.7	0.22	0.36	11	0.6	0.04								
723047	Drill Core	0.11	41	0.93	0.052	13.7	41.8	0.99	211.0	0.004	<20	1.84	0.026	0.22	<0.1	5.0	0.03	0.17	21	<0.1	<0.02								
723048	Drill Core	0.11	9	1.06	0.042	5.7	38.5	0.38	62.7	0.002	<20	0.35	0.034	0.22	<0.1	1.4	0.13	0.37	<5	0.2	0.03								
723049	Drill Core	0.28	5	1.30	0.038	6.7	19.4	0.36	187.9	<0.001	<20	0.39	0.016	0.25	<0.1	1.1	0.10	0.90	13	0.3	0.08								
723050	Drill Core	0.22	5	1.34	0.036	7.2	40.5	0.39	148.4	<0.001	<20	0.35	0.014	0.23	<0.1	0.9	0.11	0.76	16	0.2	0.05								
723051	Drill Core	3.00	4	1.43	0.024	4.5	18.3	0.51	75.7	<0.001	<20	0.35	0.007	0.26	<0.1	0.8	0.15	2.07	217	0.5	0.42								
723052	Drill Core	0.18	6	1.17	0.027	8.2	38.5	0.38	94.5	<0.001	<20	0.33	0.020	0.24	<0.1	1.0	0.14	0.50	27	0.3	0.04								
723053	Drill Core	0.07	42	1.80	0.071	5.2	15.7	0.34	69.8	0.020	<20	0.56	0.022	0.22	<0.1	4.2	0.10	0.04	<5	<0.1	<0.02								
723054	Drill Core	0.03	49	1.96	0.096	7.3	39.0	0.78	76.3	0.030	<20	0.60	0.053	0.29	<0.1	5.3	0.10	<0.02	<5	<0.1	<0.02								
723055	Drill Core	0.06	50	1.54	0.133	7.9	16.9	0.79	79.2	0.057	<20	0.62	0.065	0.41	0.1	5.1	0.10	0.07	<5	<0.1	<0.02								
723056	Drill Core	0.22	67	1.64	0.243	10.8	16.6	1.09	119.8	0.153	<20	0.98	0.064	0.77	<0.1	7.5	0.18	0.37	<5	<0.1	<0.02								
RRE 723056	Drill Core	0.22	67	1.59	0.239	10.7	9.6	1.07	130.8	0.153	<20	0.97	0.072	0.72	0.1	7.3	0.17	0.33	<5	<0.1	<0.02								
723057	Drill Core	0.23	69	2.73	0.242	11.2	10.6	1.44	134.7	0.097	<20	1.13	0.044	0.59	<0.1	7.5	0.17	0.42	<5	<0.1	<0.02								
723058	Drill Core	0.24	70	2.31	0.239	10.8	7.8	1.15	92.9	0.111	<20	1.07	0.060	0.59	<0.1	7.4	0.19	0.27	<5	0.2	<0.02								

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**CERTIFICATE OF ANALYSIS** **SMI07000128.1**

Method	Analyte	Unit	1F
		MDL	Ga
			ppm
			0.1
723030	Drill Core		1.6
723031	Drill Core		1.4
723032	Drill Core		1.4
723033	Drill Core		1.3
723034	Drill Core		1.3
723035	Drill Core		1.2
723036	Drill Core		1.7
723037	Drill Core		0.9
723038	Drill Core		4.0
723039	Drill Core		3.7
723040	Drill Core		6.7
723041	Drill Core		4.2
723042	Drill Core		4.8
723043	Drill Core		1.6
723044	Drill Core		4.3
723045	Drill Core		1.7
723046	Drill Core		1.2
723047	Drill Core		5.5
723048	Drill Core		0.9
723049	Drill Core		0.9
723050	Drill Core		0.7
723051	Drill Core		0.8
723052	Drill Core		0.7
723053	Drill Core		1.8
723054	Drill Core		2.2
723055	Drill Core		2.8
723056	Drill Core		4.5
RRE 723056	Drill Core		4.5
723057	Drill Core		4.2
723058	Drill Core		4.2

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**CERTIFICATE OF ANALYSIS** SMI07000128.1

Method	WGHT	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al		
Unit	kg	%	%	%	%	GMWT	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
MDL	0.01	0.001	0.001	0.01	0.01	2	0.001	0.001	0.01	0.01	0.01	0.001	0.001	0.001	0.01	0.01	0.001	0.001	0.01	0.01	0.01	0.01
723059	Drill Core	1.8	0.005	0.068	<-0.01	0.02	<2	<-0.001	<-0.001	0.10	4.03	0.02	0.008	<-0.001	0.002	<-0.01	3.49	0.181	0.002	1.48	1.40	
723060	Drill Core	1.5	0.009	0.016	0.05	0.01	4	<-0.001	<-0.001	0.30	1.32	<-0.01	0.004	<-0.001	0.004	<-0.01	2.22	0.046	0.002	0.85	0.60	
723061	Drill Core	1.5	0.005	0.021	<-0.01	0.01	<2	<-0.001	<-0.001	0.20	1.47	<-0.01	0.004	<-0.001	0.003	<-0.01	1.94	0.040	0.003	0.74	0.64	
723062	Drill Core	1.5	0.014	0.102	<-0.01	0.03	5	<-0.001	<-0.001	0.13	2.73	0.03	0.004	<-0.001	<-0.001	<-0.01	1.67	0.122	0.001	0.82	0.86	
723063	Drill Core	1.8	0.016	0.134	<-0.01	<-0.01	<2	<-0.001	<-0.001	0.06	1.89	0.03	0.004	<-0.001	0.002	<-0.01	1.98	0.144	0.003	0.92	1.18	
723064	Drill Core	1.9	0.006	0.059	<-0.01	<-0.01	<2	<-0.001	<-0.001	0.04	1.03	0.01	0.004	<-0.001	0.002	<-0.01	1.43	0.049	0.002	0.58	0.67	
723065	Drill Core	1.8	0.006	0.009	<-0.01	<-0.01	<2	<-0.001	<-0.001	0.05	0.79	<-0.01	0.003	<-0.001	0.001	<-0.01	1.27	0.029	0.004	0.54	0.48	
723066	Drill Core	1.8	0.003	0.020	<-0.01	<-0.01	<2	<-0.001	<-0.001	0.05	0.71	<-0.01	0.003	<-0.001	0.002	<-0.01	1.09	0.020	0.002	0.44	0.44	
723067	Drill Core	1.5	0.018	0.021	<-0.01	<-0.01	<2	<-0.001	<-0.001	0.11	0.92	<-0.01	0.004	<-0.001	0.002	<-0.01	1.75	0.029	0.005	0.68	0.45	
723068	Drill Core	1.8	0.006	0.017	<-0.01	<-0.01	<2	<-0.001	<-0.001	0.13	1.41	<-0.01	0.003	<-0.001	0.003	<-0.01	1.67	0.039	0.002	0.63	0.45	
723069	Drill Core	1.6	0.011	0.156	<-0.01	<-0.01	2	0.001	<-0.001	0.08	3.30	0.02	0.005	<-0.001	0.005	<-0.01	2.32	0.218	0.002	1.03	1.36	
723070	Drill Core	1.5	0.011	0.091	<-0.01	<-0.01	<2	<-0.001	<-0.001	0.04	2.07	0.01	0.004	<-0.001	0.003	<-0.01	1.61	0.109	0.001	0.78	1.06	
723071	Drill Core	1.4	0.018	0.178	<-0.01	0.01	3	<-0.001	<-0.001	0.04	1.78	0.02	0.004	<-0.001	0.006	<-0.01	1.56	0.060	0.003	0.69	0.86	
723072	Drill Core	1.2	0.021	0.033	<-0.01	0.01	<2	0.001	0.001	0.24	2.71	0.01	0.006	<-0.001	0.003	<-0.01	2.77	0.139	<-0.001	1.07	1.12	
723073	Drill Core	2	0.007	0.069	<-0.01	<-0.01	<2	<-0.001	0.001	0.08	3.70	<-0.01	0.007	<-0.001	0.002	<-0.01	2.14	0.230	0.001	1.24	1.46	
723074	Drill Core	1.8	0.005	0.055	<-0.01	0.01	<2	<-0.001	0.002	0.11	4.14	<-0.01	0.007	<-0.001	0.001	<-0.01	3.12	0.203	<-0.001	1.53	1.35	
723075	Drill Core	2	<-0.001	0.002	<-0.01	0.01	<2	0.006	0.001	0.04	3.46	<-0.01	0.011	<-0.001	<-0.001	<-0.01	0.56	0.052	0.006	1.10	2.23	
723076	Drill Core	1.4	0.011	0.039	<-0.01	0.02	<2	0.001	0.001	0.15	3.88	<-0.01	0.013	<-0.001	0.002	<-0.01	6.67	0.141	<-0.001	2.32	1.03	
723077	Drill Core	1.8	0.005	0.008	<-0.01	0.02	<2	<-0.001	0.001	0.15	3.39	<-0.01	0.016	<-0.001	<-0.001	<-0.01	6.74	0.117	0.001	2.22	1.01	
723078	Drill Core	1.3	0.006	0.002	<-0.01	0.02	<2	<-0.001	<-0.001	0.22	3.10	<-0.01	0.015	<-0.001	<-0.001	<-0.01	6.93	0.067	<-0.001	2.27	0.79	
723079	Drill Core	2.5	<-0.001	0.002	<-0.01	0.01	<2	0.005	0.001	0.04	3.47	<-0.01	0.007	<-0.001	<-0.001	<-0.01	0.49	0.051	0.005	1.02	2.07	
723080	Drill Core	1.5	<-0.001	<-0.001	<-0.01	0.01	<2	<-0.001	<-0.001	0.08	1.92	<-0.01	0.006	<-0.001	0.001	<-0.01	3.74	0.073	<-0.001	1.21	0.70	
723081	Drill Core	1.7	<-0.001	<-0.001	<-0.01	0.01	<2	<-0.001	<-0.001	0.10	1.97	<-0.01	0.007	<-0.001	<-0.001	<-0.01	3.77	0.055	0.003	1.22	0.67	
RRE 723081	Drill Core	<-0.001	<-0.001	<-0.01	0.01	<2	<-0.001	<-0.001	0.10	1.98	<-0.01	0.008	<-0.001	<-0.001	<-0.01	3.80	0.055	0.001	1.22	0.76		
723082	Drill Core	1.5	<-0.001	<-0.001	<-0.01	0.02	<2	<-0.001	<-0.001	0.08	2.30	<-0.01	0.009	<-0.001	<-0.001	<-0.01	4.82	0.055	0.003	1.59	0.71	
723083	Drill Core	0.5	<-0.001	0.005	<-0.01	0.01	<2	<-0.001	<-0.001	0.08	1.92	<-0.01	0.011	<-0.001	<-0.001	<-0.01	3.82	0.055	0.001	1.26	0.70	

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Method	7AR	7AR	7AR	7AR	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	Na	K	W	Hg	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb		
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.001	0.001	0.001	0.001	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02		
723059	Drill Core	0.038	0.425	<0.001	<0.001	44.08	637.0	15.78	198.9	1311	11.1	8.9	1010	3.34	171.4	0.8	62.1	1.8	71.0	1.19	11.83	
723060	Drill Core	0.027	0.339	<0.001	<0.001	76.16	160.2	457.3	140.0	3772	5.8	3.1	2937	1.24	83.4	0.7	48.8	1.0	39.0	1.41	18.28	
723061	Drill Core	0.011	0.270	<0.001	<0.001	48.94	222.6	30.01	148.0	1324	7.6	4.4	2055	1.48	88.8	0.6	41.4	1.1	36.9	1.39	10.73	
723062	Drill Core	0.077	0.392	<0.001	<0.001	127.2	1052	96.60	315.6	4459	7.6	8.0	1315	2.70	262.7	0.8	88.4	2.5	39.1	2.40	7.35	
723063	Drill Core	0.051	0.430	<0.001	<0.001	140.3	1244	13.14	101.2	1962	12.0	5.5	519	1.79	248.9	0.7	36.1	0.9	37.0	0.50	6.49	
723064	Drill Core	0.040	0.293	<0.001	<0.001	57.67	617.1	16.65	83.7	1383	4.4	3.5	384	1.03	129.9	0.9	23.9	2.9	32.2	0.46	9.16	
723065	Drill Core	0.012	0.307	<0.001	<0.001	51.14	98.06	5.65	52.2	399	4.3	2.2	480	0.78	27.4	0.8	4.6	2.9	29.1	0.30	4.39	
723066	Drill Core	0.010	0.299	<0.001	<0.001	31.31	219.7	70.23	68.2	796	3.2	1.7	528	0.69	68.4	0.8	6.5	2.6	24.0	0.57	7.64	
723067	Drill Core	0.012	0.337	<0.001	<0.001	158.0	220.0	20.47	55.7	753	4.0	2.1	1007	0.86	65.4	1.0	18.9	2.9	36.6	0.37	8.61	
723068	Drill Core	0.015	0.299	<0.001	<0.001	53.53	175.8	24.42	72.8	738	4.5	3.0	1247	1.30	74.5	1.0	25.3	3.3	34.7	0.39	8.15	
723069	Drill Core	0.027	0.466	<0.001	<0.001	91.41	1428	12.33	92.2	2008	8.9	9.0	718	2.82	204.4	1.5	62.4	2.1	47.1	0.47	16.08	
723070	Drill Core	0.030	0.332	<0.001	<0.001	97.42	845.7	12.20	71.1	956	9.6	6.0	409	1.94	96.9	1.0	46.4	2.4	38.2	0.63	11.03	
723071	Drill Core	0.023	0.244	<0.001	<0.001	154.8	1641	31.02	126.3	2264	9.5	6.4	423	1.71	210.3	0.9	62.9	3.0	35.3	1.45	18.50	
723072	Drill Core	0.016	0.443	<0.001	<0.001	186.4	317.1	16.95	131.4	1633	8.1	8.7	2251	2.61	102.3	1.8	64.9	2.1	50.5	1.09	8.60	
723073	Drill Core	0.044	0.578	<0.001	<0.001	60.58	606.8	6.63	73.1	951	8.7	15.8	826	3.24	76.4	0.8	44.3	1.3	54.7	0.32	5.20	
723074	Drill Core	0.032	0.645	<0.001	<0.001	46.74	518.2	6.80	112.8	795	8.9	15.3	1045	3.71	74.7	0.6	33.2	1.7	60.6	0.41	5.38	
723075	Drill Core	0.030	0.394	<0.001	<0.001	0.57	22.64	8.90	97.9	67	55.2	14.9	385	3.17	4.2	0.3	0.4	1.9	93.1	0.09	0.11	
723076	Drill Core	0.018	0.318	<0.001	<0.001	98.53	380.4	12.11	194.2	906	10.3	14.0	1385	3.56	77.1	0.8	51.9	1.3	106.6	1.14	8.17	
723077	Drill Core	0.014	0.285	<0.001	<0.001	50.13	76.71	13.84	181.9	189	8.3	11.7	1480	3.12	26.4	0.9	15.6	1.2	130.8	1.04	0.66	
723078	Drill Core	0.014	0.276	<0.001	<0.001	52.74	21.75	17.28	163.3	143	7.1	7.9	2126	2.91	27.8	1.2	18.8	1.0	139.1	1.05	0.51	
723079	Drill Core	0.027	0.334	<0.001	<0.001	0.37	18.59	7.18	97.5	56	55.0	14.0	379	3.23	4.8	0.3	0.6	2.1	62.2	0.09	0.10	
723080	Drill Core	0.012	0.433	<0.001	<0.001	1.26	1.94	10.09	105.5	59	5.6	7.5	851	1.93	8.2	0.8	4.1	1.4	60.9	0.41	0.19	
723081	Drill Core	0.012	0.361	<0.001	<0.001	0.67	4.46	8.74	115.8	79	5.8	6.5	963	1.96	8.9	0.5	4.3	1.2	70.4	0.57	0.24	
RRE 723081	Drill Core	0.012	0.383	<0.001	<0.001	0.83	5.87	9.15	113.4	73	5.3	6.4	968	1.98	9.5	0.5	6.1	1.3	71.0	0.56	0.28	
723082	Drill Core	0.015	0.288	<0.001	<0.001	0.48	1.96	8.19	148.4	17	6.4	6.6	831	2.33	3.1	0.4	2.5	1.4	94.4	0.88	0.13	
723083	Drill Core	0.011	0.280	<0.001	<0.001	2.92	51.44	9.66	103.6	225	5.2	6.2	819	1.92	18.7	0.7	11.7	1.2	94.1	0.67	0.36	

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**CERTIFICATE OF ANALYSIS** SMI07000128.1

Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te					
Unit	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm					
MDL	0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02					
723059	Drill Core	0.33	51	3.18	0.196	8.9	16.3	1.39	100.6	0.041	<20	0.98	0.023	0.33	<0.1	5.8	0.19	0.58	<5	0.3	0.02				
723060	Drill Core	0.25	15	2.12	0.052	3.6	15.1	0.79	67.9	0.001	<20	0.36	0.018	0.21	<0.1	2.0	0.09	0.58	40	0.2	0.03				
723061	Drill Core	0.37	16	2.14	0.046	3.4	26.4	0.75	58.6	0.001	<20	0.37	0.009	0.16	<0.1	2.1	0.10	0.73	22	0.2	0.04				
723062	Drill Core	0.69	36	1.77	0.138	7.5	11.5	0.83	112.7	0.022	<20	0.64	0.053	0.30	<0.1	4.3	0.26	0.95	7	0.7	0.05				
723063	Drill Core	0.14	62	1.86	0.154	6.2	28.3	0.84	57.4	0.034	<20	0.78	0.032	0.32	<0.1	7.3	0.20	0.20	<5	0.5	0.02				
723064	Drill Core	0.10	22	1.51	0.056	6.3	16.1	0.58	63.3	0.002	<20	0.47	0.025	0.20	<0.1	2.6	0.15	0.12	<5	0.3	<0.02				
723065	Drill Core	0.11	10	1.33	0.032	5.4	37.8	0.54	60.6	<0.001	<20	0.31	0.010	0.20	<0.1	1.4	0.08	0.23	<5	0.1	<0.02				
723066	Drill Core	0.11	5	1.15	0.022	6.0	19.0	0.43	45.4	<0.001	<20	0.28	0.010	0.20	<0.1	1.0	0.09	0.27	6	<0.1	<0.02				
723067	Drill Core	0.14	11	1.65	0.030	5.6	41.7	0.62	67.4	<0.001	<20	0.27	0.009	0.22	<0.1	1.2	0.13	0.32	<5	0.1	<0.02				
723068	Drill Core	0.13	16	1.64	0.040	4.5	16.8	0.62	62.5	<0.001	<20	0.32	0.011	0.20	<0.1	2.0	0.12	0.38	11	<0.1	<0.02				
723069	Drill Core	0.25	51	2.15	0.187	10.7	18.7	0.95	225.2	0.041	<20	1.00	0.017	0.35	<0.1	5.4	0.64	0.51	21	0.7	0.05				
723070	Drill Core	0.14	34	1.51	0.100	8.9	9.4	0.72	229.2	0.018	<20	0.82	0.020	0.24	<0.1	4.3	0.17	0.28	<5	0.6	0.02				
723071	Drill Core	0.11	22	1.49	0.056	5.5	24.6	0.64	77.2	0.002	<20	0.65	0.017	0.15	<0.1	2.8	0.26	0.35	12	1.3	0.04				
723072	Drill Core	0.25	33	2.62	0.128	7.9	9.3	1.00	80.8	0.016	<20	0.84	0.011	0.28	<0.1	4.1	0.35	0.77	13	0.3	0.02				
723073	Drill Core	0.30	67	2.02	0.206	11.1	10.7	1.19	128.9	0.082	<20	1.13	0.034	0.50	<0.1	7.4	0.22	0.45	<5	0.4	0.04				
723074	Drill Core	0.33	63	2.78	0.198	10.1	6.9	1.43	209.8	0.066	<20	1.02	0.023	0.48	<0.1	6.7	0.31	0.80	<5	0.3	0.03				
723075	Drill Core	0.10	41	0.53	0.051	10.9	53.4	0.99	267.7	0.004	<20	1.89	0.023	0.23	<0.1	5.2	0.02	0.22	23	0.2	<0.02				
723076	Drill Core	0.42	67	6.59	0.140	7.7	3.6	2.11	352.5	0.007	<20	0.79	0.014	0.20	0.1	6.1	0.23	0.51	57	0.3	0.07				
723077	Drill Core	0.05	63	6.77	0.117	6.9	10.6	2.03	41.6	0.004	<20	0.80	0.012	0.18	<0.1	7.8	0.14	0.16	7	<0.1	<0.02				
723078	Drill Core	0.03	57	7.13	0.065	6.6	3.8	2.16	1435	0.002	<20	0.62	0.011	0.19	<0.1	6.9	0.22	0.20	<5	0.1	<0.02				
723079	Drill Core	0.09	42	0.48	0.049	12.2	53.1	0.98	183.4	0.004	<20	1.85	0.022	0.22	<0.1	5.5	0.03	0.18	27	0.1	<0.02				
723080	Drill Core	<0.02	25	3.63	0.074	7.2	9.6	1.20	79.4	0.001	<20	0.51	0.010	0.25	<0.1	3.2	0.29	0.08	<5	<0.1	<0.02				
723081	Drill Core	<0.02	26	3.71	0.056	5.9	28.8	1.16	57.9	0.001	<20	0.50	0.010	0.21	<0.1	3.0	0.16	0.07	<5	<0.1	<0.02				
RRE 723081	Drill Core	<0.02	26	3.64	0.055	5.9	13.5	1.15	58.1	0.001	<20	0.55	0.009	0.23	<0.1	3.0	0.17	0.07	<5	<0.1	<0.02				
723082	Drill Core	<0.02	37	5.09	0.055	7.0	29.2	1.53	33.1	0.001	<20	0.57	0.012	0.19	<0.1	3.3	0.11	<0.02	<5	<0.1	<0.02				
723083	Drill Core	0.05	27	3.65	0.057	4.8	14.6	1.21	495.7	<0.001	<20	0.54	0.009	0.18	0.2	2.9	0.13	0.21	<5	<0.1	0.02				

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**CERTIFICATE OF ANALYSIS**

**SMI07000128.1**

Method	Analyte	Unit	1F
		MDL	Ga
			ppm
			0.1
723059	Drill Core		2.9
723060	Drill Core		0.9
723061	Drill Core		0.9
723062	Drill Core		2.1
723063	Drill Core		2.9
723064	Drill Core		1.2
723065	Drill Core		0.8
723066	Drill Core		0.7
723067	Drill Core		0.8
723068	Drill Core		0.9
723069	Drill Core		3.5
723070	Drill Core		2.6
723071	Drill Core		1.6
723072	Drill Core		2.5
723073	Drill Core		4.4
723074	Drill Core		4.2
723075	Drill Core		5.7
723076	Drill Core		2.2
723077	Drill Core		2.2
723078	Drill Core		1.7
723079	Drill Core		5.5
723080	Drill Core		1.2
723081	Drill Core		1.1
RRE 723081	Drill Core		1.3
723082	Drill Core		1.4
723083	Drill Core		1.3

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**QUALITY CONTROL REPORT** SMI07000128.1

Method	WGHT	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al	
Unit	kg	%	%	%	%	GMT	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.01	0.01	2	0.001	0.001	0.01	0.01	0.01	0.001	0.001	0.001	0.01	0.01	0.001	0.001	0.01	0.01	
Pulp Duplicates																					
723016	Drill Core	1.8	0.007	0.156	<-0.01	<-0.01	3	<-0.001	<-0.001	0.03	0.50	0.02	0.002	<-0.001	<-0.001	<-0.01	0.68	0.019	0.004	0.27	0.53
REP 723016	QC																				
723027	Drill Core	1.9	<-0.001	0.036	<-0.01	0.05	<-2	<-0.001	0.001	0.14	2.01	<-0.01	0.007	<-0.001	0.001	<-0.01	3.31	0.060	0.002	1.06	0.61
REP 723027	QC	<-0.001	0.035	0.01	0.05	<-2	<-0.001	<-0.001	0.14	1.98	<-0.01	0.007	<-0.001	<-0.001	<-0.01	3.27	0.059	0.002	1.06	0.62	
723034	Drill Core	1.9	<-0.001	<-0.001	<-0.01	<-0.01	<-2	0.001	<-0.001	0.13	1.93	<-0.01	0.008	<-0.001	<-0.001	<-0.01	2.91	0.081	<-0.001	0.67	0.56
REP 723034	QC																				
723036	Drill Core	1.1	0.005	0.094	<-0.01	0.02	3	0.001	<-0.001	0.13	2.42	0.02	0.006	<-0.001	0.002	<-0.01	2.64	0.122	0.002	0.97	0.83
REP 723036	QC																				
723065	Drill Core	1.8	0.006	0.009	<-0.01	<-0.01	<-2	<-0.001	<-0.001	0.05	0.79	<-0.01	0.003	<-0.001	0.001	<-0.01	1.27	0.029	0.004	0.54	0.48
REP 723065	QC		0.006	0.009	<-0.01	<-0.01	<-2	<-0.001	<-0.001	0.05	0.85	<-0.01	0.003	<-0.001	0.001	<-0.01	1.36	0.030	0.005	0.56	0.51
723078	Drill Core	1.3	0.006	0.002	<-0.01	0.02	<-2	<-0.001	<-0.001	0.22	3.10	<-0.01	0.015	<-0.001	<-0.001	<-0.01	6.93	0.067	<-0.001	2.27	0.79
REP 723078	QC																				
RRE 723081	Drill Core	<-0.001	<-0.001	<-0.01	0.01	<-2	<-0.001	<-0.001	0.10	1.98	<-0.01	0.008	<-0.001	<-0.001	<-0.01	3.80	0.055	0.001	1.22	0.76	
REP RRE 723081	QC	<-0.001	<-0.001	<-0.01	0.01	<-2	<-0.001	<-0.001	0.10	2.00	<-0.01	0.008	<-0.001	<-0.001	<-0.01	3.80	0.056	0.001	1.22	0.74	
Reference Materials																					
STD DS7	Standard																				
STD DS7	Standard																				
STD DS7	Standard																				
STD DS7	Standard																				
STD DS7	Standard																				
STD DS7	Standard																				
STD DS7	Standard																				
STD DS7	Standard																				
STD DS7	Standard																				
STD DS7	Standard																				
STD R3A	Standard		0.078	0.805	1.99	4.02	202	0.545	0.061	0.07	30.54	0.04	0.003	0.024	0.037	<-0.01	1.30	0.045	0.011	1.06	1.10
STD R3A	Standard		0.077	0.796	1.96	4.00	203	0.544	0.061	0.07	30.30	0.04	0.003	0.024	0.038	<-0.01	1.30	0.049	0.011	1.05	1.09
STD R3A	Standard		0.076	0.815	1.97	4.01	199	0.530	0.061	0.07	31.86	0.04	0.003	0.024	0.033	0.01	1.30	0.048	0.011	1.04	1.09

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**QUALITY CONTROL REPORT** SMI07000128.1

Method	7AR	7AR	7AR	7AR	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	Na	K	W	Hg	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	
MDL	0.001	0.001	0.001	0.001	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	
<b>Pulp Duplicates</b>																					
723016	Drill Core	0.017	0.192	<0.001	<0.001	70.86	1724	13.67	62.7	2930	4.5	2.1	320	0.50	232.2	4.2	20.0	3.3	19.9	0.40	4.20
REP 723016	QC	69.47	1590	14.68	54.3	2836	4.2	1.7	280	0.49	231.7	4.1	26.6	3.3	19.8	0.40	4.14				
723027	Drill Core	0.017	0.404	<0.001	<0.001	4.85	382.1	109.7	466.7	1316	4.9	10.4	1505	2.11	71.4	1.7	43.9	1.9	68.1	4.22	4.54
REP 723027	QC	0.017	0.400	0.001	<0.001																
723034	Drill Core	0.033	0.410	<0.001	<0.001	0.72	8.49	9.96	95.4	41	12.6	7.5	1271	1.77	1.7	1.0	23.7	1.5	80.0	0.07	0.05
REP 723034	QC	0.72	8.32	9.99	97.3	33	13.5	7.8	1276	1.83	1.9	1.1	7.3	1.5	79.3	0.08	0.08				
723036	Drill Core	0.058	0.421	<0.001	<0.001	42.66	945.4	42.45	193.4	3433	13.4	8.4	1272	2.34	167.1	1.6	33.6	2.0	61.7	1.33	7.58
REP 723036	QC	45.68	985.9	48.40	199.4	3536	13.9	9.2	1320	2.45	170.5	1.7	46.8	2.1	63.7	1.35	7.76				
723065	Drill Core	0.012	0.307	<0.001	<0.001	51.14	98.06	5.65	52.2	399	4.3	2.2	460	0.78	27.4	0.8	4.6	2.9	29.1	0.30	4.39
REP 723065	QC	0.013	0.322	<0.001	<0.001																
723078	Drill Core	0.014	0.276	<0.001	<0.001	52.74	21.75	17.28	163.3	143	7.1	7.9	2126	2.91	27.8	1.2	18.8	1.0	139.1	1.05	0.51
REP 723078	QC	51.63	20.64	17.32	168.9	155	7.1	8.1	2172	2.92	28.3	1.2	20.2	1.1	137.6	1.03	0.48				
RRE 723081	Drill Core	0.012	0.383	<0.001	<0.001	0.83	5.87	9.15	113.4	73	5.3	6.4	968	1.98	9.5	0.5	6.1	1.3	71.0	0.56	0.28
REP RRE 723081	QC	0.012	0.376	<0.001	<0.001																
<b>Reference Materials</b>																					
STD DS7	Standard				18.76	101.7	70.69	391.9	860	53.4	8.8	605	2.39	50.5	5.0	73.5	4.5	82.8	6.36	4.56	
STD DS7	Standard				20.04	99.96	70.99	385.6	774	53.2	9.0	606	2.36	50.5	5.2	54.4	4.7	81.7	6.36	4.75	
STD DS7	Standard				18.95	98.30	61.36	389.5	730	55.1	9.4	591	2.32	47.0	4.3	53.2	3.9	68.2	5.80	3.70	
STD DS7	Standard				19.79	99.25	66.26	393.8	777	55.6	9.4	624	2.39	47.4	4.5	44.8	4.3	73.3	6.14	3.85	
STD DS7	Standard				21.55	105.2	65.13	417.4	836	57.2	9.9	644	2.47	54.3	4.8	61.1	4.5	80.9	6.47	3.59	
STD DS7	Standard				21.59	106.2	65.51	408.2	851	58.7	9.4	627	2.45	48.0	4.6	56.9	4.6	81.6	6.39	3.89	
STD DS7	Standard				20.76	102.2	68.77	421.2	861	58.7	9.6	703	2.53	49.6	4.9	53.4	4.7	74.9	6.53	4.17	
STD DS7	Standard				21.11	103.7	66.77	419.9	759	54.0	9.4	643	2.46	48.8	4.8	51.1	4.4	71.6	6.25	4.17	
STD DS7	Standard				19.53	100.9	64.64	373.9	811	51.4	8.6	581	2.28	50.2	4.7	67.3	4.0	73.0	6.17	4.02	
STD DS7	Standard				19.31	99.61	64.27	363.5	1273	51.4	8.6	580	2.23	50.1	4.5	200.7	4.0	71.8	6.07	4.10	
STD R3A	Standard	0.037	0.444	<0.001	0.002																
STD R3A	Standard	0.037	0.447	<0.001	0.002																
STD R3A	Standard	0.039	0.434	<0.001	0.002																

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**QUALITY CONTROL REPORT**

**SMI07000128.1**

Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te		
Unit	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm		
MDL	0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02		
Pulp Duplicates																						
723016	Drill Core	0.12	<2	0.74	0.024	8.3	36.5	0.28	34.6	<0.001	<20	0.41	0.012	0.14	<0.1	0.8	0.11	0.29	5	1.0	0.03	
REP 723016	QC	0.11	<2	0.71	0.022	8.1	36.3	0.26	33.7	<0.001	<20	0.44	0.011	0.14	<0.1	0.7	0.11	0.28	8	0.9	0.04	
723027	Drill Core	0.33	21	3.40	0.067	4.9	20.3	1.08	316.9	<0.001	<20	0.49	0.011	0.24	<0.1	2.3	0.18	0.55	40	0.3	0.03	
REP 723027	QC																					
723034	Drill Core	0.06	30	2.90	0.089	7.3	4.0	0.64	338.9	0.002	<20	0.42	0.029	0.25	<0.1	2.0	0.09	0.07	<5	0.1	0.04	
REP 723034	QC	0.05	31	2.95	0.091	7.9	4.1	0.66	347.2	0.002	<20	0.44	0.028	0.26	<0.1	2.0	0.10	0.07	<5	0.3	<0.02	
723036	Drill Core	0.13	48	2.65	0.128	11.0	18.9	0.96	64.6	0.010	<20	0.54	0.029	0.29	<0.1	2.7	0.15	0.47	8	0.6	<0.02	
REP 723036	QC	0.13	50	2.70	0.133	11.5	21.0	0.98	69.0	0.010	<20	0.58	0.029	0.30	<0.1	2.7	0.16	0.50	7	0.7	<0.02	
723065	Drill Core	0.11	10	1.33	0.032	5.4	37.8	0.54	60.6	<0.001	<20	0.31	0.010	0.20	<0.1	1.4	0.08	0.23	<5	0.1	<0.02	
REP 723065	QC																					
723078	Drill Core	0.03	57	7.13	0.065	6.6	3.8	2.16	1435	0.002	<20	0.62	0.011	0.19	<0.1	6.9	0.22	0.20	<5	0.1	<0.02	
REP 723078	QC	0.04	57	7.19	0.064	6.5	3.9	2.17	1341	0.002	<20	0.58	0.010	0.18	<0.1	7.0	0.23	0.20	<5	<0.1	<0.04	
RRE 723081	Drill Core	<0.02	26	3.64	0.055	5.9	13.5	1.15	58.1	0.001	<20	0.55	0.009	0.23	<0.1	3.0	0.17	0.07	<5	<0.1	<0.02	
REP RRE 723081	QC																					
Reference Materials																						
STD DS7	Standard	5.07	80	0.93	0.079	13.7	183.2	1.02	379.6	0.124	34	0.99	0.099	0.45	3.5	2.8	4.19	0.20	204	3.5	1.02	
STD DS7	Standard	4.78	83	0.94	0.074	13.8	188.4	1.05	374.7	0.127	38	1.01	0.098	0.43	3.3	2.8	3.84	0.21	198	3.6	1.15	
STD DS7	Standard	4.11	77	0.88	0.074	10.9	182.9	1.00	355.8	0.113	34	0.96	0.091	0.44	3.1	2.7	3.95	0.20	193	3.4	0.99	
STD DS7	Standard	4.20	80	0.97	0.077	12.3	194.4	1.06	372.4	0.124	36	1.03	0.095	0.45	3.5	2.8	4.10	0.20	188	3.4	1.24	
STD DS7	Standard	4.57	86	0.98	0.084	13.3	215.8	1.09	383.7	0.128	35	1.05	0.115	0.48	3.5	2.8	4.35	0.20	186	3.8	1.09	
STD DS7	Standard	4.51	84	0.97	0.085	13.1	212.1	1.06	380.3	0.129	29	1.04	0.112	0.47	3.6	3.0	4.11	0.19	202	3.6	1.13	
STD DS7	Standard	4.87	85	0.99	0.074	13.6	200.2	1.08	366.5	0.117	36	1.08	0.101	0.48	3.5	2.8	4.21	0.20	195	3.5	1.12	
STD DS7	Standard	4.44	85	0.98	0.075	12.5	186.4	1.07	345.8	0.118	35	1.03	0.096	0.41	3.5	3.1	4.05	0.21	200	3.5	0.95	
STD DS7	Standard	4.40	80	0.91	0.079	12.0	184.5	1.03	387.8	0.113	54	0.98	0.102	0.46	3.1	2.6	3.93	0.18	190	3.3	1.09	
STD DS7	Standard	4.37	78	0.89	0.081	11.0	180.7	1.01	364.3	0.109	52	0.96	0.101	0.45	3.3	2.3	3.97	0.18	195	3.3	0.92	
STD R3A	Standard																					
STD R3A	Standard																					
STD R3A	Standard																					

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**QUALITY CONTROL REPORT**

**SMI07000128.1**

Method	Analyte	Unit	MDL	1F	Ga
				ppm	0.1
<b>Pulp Duplicates</b>					
723016	Drill Core			1.2	
REP 723016	QC			1.0	
723027	Drill Core			1.1	
REP 723027	QC				
723034	Drill Core			1.3	
REP 723034	QC			1.4	
723036	Drill Core			1.7	
REP 723036	QC			1.9	
723065	Drill Core			0.8	
REP 723065	QC				
723078	Drill Core			1.7	
REP 723078	QC			1.5	
RRE 723081	Drill Core			1.3	
REP RRE 723081	QC				
<b>Reference Materials</b>					
STD DS7	Standard			4.9	
STD DS7	Standard			4.7	
STD DS7	Standard			4.5	
STD DS7	Standard			4.5	
STD DS7	Standard			4.8	
STD DS7	Standard			4.9	
STD DS7	Standard			4.9	
STD DS7	Standard			4.7	
STD DS7	Standard			4.5	
STD DS7	Standard			4.3	
STD R3A	Standard				
STD R3A	Standard				
STD R3A	Standard				

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**QUALITY CONTROL REPORT** **SMI07000128.1**

		WGHT	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al				
		kg	%	%	%	%	GMT	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
		0.01	0.001	0.001	0.01	0.01	2	0.001	0.001	0.01	0.01	0.01	0.001	0.001	0.001	0.01	0.01	0.001	0.001	0.01	0.01	0.01	0.01	0.01	
STD R3A	Standard		0.076	0.832	1.98	4.03	199	0.536	0.063	0.07	32.76	0.04	0.003	0.024	0.038	0.01	1.34	0.049	0.012	1.05	1.10				
STD R3A	Standard		0.076	0.831	2.21	4.12	205	0.548	0.062	0.07	32.17	0.04	0.003	0.023	0.037	0.01	1.33	0.049	0.011	1.07	1.11				
STD R3A	Standard		0.075	0.854	2.22	4.20	208	0.570	0.062	0.07	32.06	0.04	0.003	0.024	0.038	0.01	1.38	0.048	0.012	1.10	1.14				
STD R3A	Standard		0.075	0.818	2.02	4.04	197	0.541	0.064	0.07	31.61	0.04	0.003	0.023	0.039	<0.01	1.32	0.049	0.011	1.04	1.10				
STD R3A	Standard		0.073	0.818	2.07	3.92	200	0.539	0.063	0.06	30.38	0.04	0.003	0.023	0.038	<0.01	1.34	0.049	0.012	1.02	1.08				
STD R3A Expected			0.077	0.811	1.92	4.03	197	0.524	0.062	0.07	32.47	0.04	0.003	0.023	0.031		1.29	0.05	0.011	1.04	1.08				
STD D57 Expected																									
BLK	Blank		<0.001	<0.001	<0.01	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.01	<0.001	<0.001	<0.001	<0.01	<0.01	<0.001	<0.001	<0.01	<0.01				
BLK	Blank		<0.001	<0.001	<0.01	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.01	<0.001	<0.001	<0.001	<0.01	<0.01	<0.001	<0.001	<0.01	<0.01				
BLK	Blank		<0.001	<0.001	<0.01	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.01	<0.001	<0.001	<0.001	<0.01	<0.01	<0.001	<0.001	<0.01	<0.01				
BLK	Blank		<0.001	<0.001	<0.01	<0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.01	<0.001	<0.001	<0.001	<0.01	<0.01	<0.001	<0.001	<0.01	<0.01				
BLK	Blank																								
BLK	Blank																								
BLK	Blank																								
BLK	Blank																								
Prep Wash																									
G1	Prep Blank		<0.01	<0.001	<0.001	<0.01	<0.01	<2	<0.001	<0.001	0.06	1.90	<0.01	0.007	<0.001	<0.001	<0.01	0.55	0.074	0.005	0.60	1.12			

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**QUALITY CONTROL REPORT** SMI07000128.1

		7AR	7AR	7AR	7AR	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Na	K	W	Hg	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb		
		%	%	%	%	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.001	0.001	0.001	0.001	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02		
STD R3A	Standard	0.040	0.436	0.002	0.002																		
STD R3A	Standard	0.040	0.447	<0.001	0.002																		
STD R3A	Standard	0.039	0.481	<0.001	0.002																		
STD R3A	Standard	0.040	0.421	<0.001	0.001																		
STD R3A	Standard	0.040	0.433	<0.001	0.002																		
STD R3A Expected		0.04	0.41		0.002																		
STD DS7 Expected						20.92	109	70.6	411	890	56	9.7	627	2.39	48.2	4.9	70	4.4	68.7	6.38	5.88		
BLK	Blank	<0.001	<0.001	<0.001	<0.001																		
BLK	Blank	<0.001	<0.001	<0.001	<0.001																		
BLK	Blank	<0.001	<0.001	<0.001	<0.001																		
BLK	Blank	<0.001	<0.001	<0.001	<0.001																		
BLK	Blank					<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02		
BLK	Blank					<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02		
BLK	Blank					<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02		
BLK	Blank					<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02		
Prep Wash																							
G1	Prep Blank	0.125	0.556	<0.001	<0.001	0.65	4.56	3.39	49.8	11	4.2	3.8	501	1.75	<0.1	2.9	<0.2	4.0	60.2	0.02	<0.02		

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**QUALITY CONTROL REPORT** SMI07000128.1

		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te				
		ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm				
STD R3A	Standard	0.02	2	0.01	0.001	0.5	0.5	0.01	0.5	0.001	20	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02				
STD R3A	Standard																								
STD R3A	Standard																								
STD R3A	Standard																								
STD R3A	Standard																								
STD R3A Expected																									
STD DS7 Expected		4.51	86	0.93	0.08	12.7	163	1.05	370.3	0.124	38.6	0.959	0.073	0.44	3.8	2.5	4.19	0.21	200	3.5	1.08				
BLK	Blank																								
BLK	Blank																								
BLK	Blank																								
BLK	Blank																								
BLK	Blank	-0.02	-2	-0.01	-0.001	-0.5	-0.5	-0.01	-0.5	-0.001	<20	<0.01	-0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	-0.02				
BLK	Blank	-0.02	-2	-0.01	-0.001	-0.5	-0.5	-0.01	-0.5	-0.001	<20	<0.01	-0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	-0.02				
BLK	Blank	-0.02	-2	-0.01	-0.001	-0.5	-0.5	-0.01	-0.5	-0.001	<20	<0.01	-0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	-0.02				
BLK	Blank	-0.02	-2	-0.01	-0.001	-0.5	-0.5	-0.01	-0.5	-0.001	<20	<0.01	-0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	-0.02				
Prep Wash																									
G1	Prep Blank	0.08	33	0.47	0.070	7.1	44.3	0.57	208.0	0.127	<20	0.97	0.077	0.47	<0.1	2.1	0.32	0.03	<5	<0.1	-0.02				

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**QUALITY CONTROL REPORT**

SMI07000128.1

		1F Ga ppm 0.1
STD R3A	Standard	
STD R3A	Standard	
STD R3A	Standard	
STD R3A	Standard	
STD R3A	Standard	
STD R3A Expected		
STD DS7 Expected		4.6
BLK	Blank	
BLK	Blank	
BLK	Blank	
BLK	Blank	
BLK	Blank	
BLK	Blank	<0.1
BLK	Blank	<0.1
BLK	Blank	<0.1
BLK	Blank	<0.1
Prep Wash		
G1	Prep Blank	4.6

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Client: **Dentonia Resources Ltd.**

P.O. Box 10321 Pacific Centre  
 880 - 609 Granville St.  
 Vancouver BC V7Y 1G5 Canada

Project: **LENNAC**

Report Date: **October 22, 2007**

Page: 1 of 1 Part 4

**QUALITY CONTROL REPORT**

**SMI07000142.1**

Method	Analyte	Unit	1F
MDL			Ga
			ppm
			0.1
<b>Pulp Duplicates</b>			
723084	Drill Core		1.6
REP 723084	QC		1.6
723095	Drill Core		6.0
REP 723095	QC		
723119	Drill Core		8.1
REP 723119	QC		8.3
<b>Reference Materials</b>			
STD DS7	Standard		4.7
STD DS7	Standard		5.2
STD R3A	Standard		
STD R3A	Standard		
STD R3A	Standard		
STD R3A	Standard		
STD R3A Expected			
STD DS7	Standard		4.7
STD DS7	Standard		5.2
STD DS7 Expected			4.6
BLK	Blank		<0.1
BLK	Blank		<0.1
Prep Wash			
G1	Prep Blank		4.7

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**Client:** Dentonia Resources Ltd.  
 P.O. Box 10321 Pacific Centre  
 880 - 609 Granville St.  
 Vancouver BC V7Y 1G5 Canada

**Submitted By:** Adolf Petancic  
**Receiving Lab:** Acme Analytical Laboratories (Vancouver) Ltd.  
**Received:** October 01, 2007  
**Report Date:** October 22, 2007  
**Page:** 1 of 3

**CERTIFICATE OF ANALYSIS**

**SMI07000142.1**

**CLIENT JOB INFORMATION**

**Project:** LENNAC  
**Shipment ID:**  
**P.O. Number:** ACME FILE: A718365  
**Number of Samples:** 53

**SAMPLE PREPARATION AND ANALYTICAL PROCEDURES**

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
R150	53	Crush, split and pulverize drill core to 150 mesh		
7AR	53	1:1:1 Aqua Regia digestion ICP-ES analysis	1	Completed
1F	53	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	0.5	Completed

**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:** Dentonia Resources Ltd.  
 P.O. Box 10321 Pacific Centre  
 880 - 609 Granville St.  
 Vancouver BC V7Y 1G5  
 Canada

**CC:** Don MacIntyre  
 V. Parsons



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.

**CERTIFICATE OF ANALYSIS** SMI07000142.1

Method	WGHT	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al		
Unit	kg	%	%	%	%	GMWT	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
MDL	0.01	0.001	0.001	0.01	0.01	2	0.001	0.001	0.01	0.01	0.01	0.001	0.001	0.001	0.01	0.01	0.001	0.001	0.01	0.01	0.01	0.01
723084	Drill Core	1	0.010	0.065	<0.01	<0.01	2	<0.001	0.001	0.05	1.64	<0.01	0.003	<0.001	0.003	<0.01	0.74	0.091	<0.001	0.12	0.90	
723085	Drill Core	1.6	0.011	0.008	<0.01	0.01	<2	<0.001	<0.001	0.08	2.07	<0.01	0.004	<0.001	<0.001	<0.01	2.20	0.092	0.003	0.38	0.89	
723086	Drill Core	1.7	0.010	0.015	<0.01	<0.01	<2	<0.001	<0.001	0.08	1.56	<0.01	0.004	<0.001	<0.001	<0.01	1.96	0.075	<0.001	0.60	0.68	
723087	Drill Core	1.9	0.024	0.049	<0.01	0.01	<2	<0.001	<0.001	0.10	1.80	0.01	0.005	<0.001	0.001	<0.01	2.33	0.079	0.002	0.79	0.82	
723088	Drill Core	1.9	0.028	0.039	<0.01	<0.01	<2	<0.001	<0.001	0.04	1.87	<0.01	0.004	<0.001	<0.001	<0.01	2.29	0.075	<0.001	0.79	0.94	
723089	Drill Core	1.8	0.055	0.006	<0.01	<0.01	<2	<0.001	<0.001	0.04	2.07	<0.01	0.004	<0.001	<0.001	<0.01	2.37	0.082	0.003	0.79	0.92	
723090	Drill Core	1.8	0.022	0.006	<0.01	0.01	<2	<0.001	<0.001	0.05	2.43	<0.01	0.004	<0.001	<0.001	<0.01	2.41	0.083	<0.001	0.84	1.11	
723091	Drill Core	1.6	0.019	0.021	<0.01	0.01	<2	<0.001	<0.001	0.06	1.92	<0.01	0.008	<0.001	<0.001	<0.01	2.58	0.061	0.003	0.86	0.88	
723092	Drill Core	1.6	0.019	0.018	0.03	0.19	<2	<0.001	<0.001	0.14	2.70	0.01	0.004	0.001	0.001	<0.01	2.01	0.056	<0.001	0.63	0.90	
723093	Drill Core	1.9	0.028	0.017	<0.01	<0.01	<2	<0.001	<0.001	0.04	2.06	<0.01	0.003	<0.001	<0.001	<0.01	1.36	0.064	0.003	0.52	1.00	
723094	Drill Core	1.9	0.025	0.065	<0.01	<0.01	<2	<0.001	<0.001	0.03	1.63	0.01	0.003	<0.001	0.001	<0.01	1.55	0.060	<0.001	0.57	1.03	
RRE 723094	Drill Core	0.024	0.067	<0.01	<0.01	3	<0.001	<0.001	0.03	1.58	0.01	0.003	<0.001	0.002	<0.01	1.54	0.062	0.003	0.57	1.05		
723095	Drill Core	2.3	<0.001	0.003	<0.01	0.01	<2	0.005	0.001	0.04	3.28	<0.01	0.009	<0.001	<0.001	<0.01	0.48	0.049	0.004	1.07	2.30	
723096	Drill Core	1.7	0.019	0.045	<0.01	0.02	6	<0.001	<0.001	0.15	1.49	0.01	0.004	<0.001	0.005	<0.01	1.78	0.057	0.003	0.57	0.70	
723097	Drill Core	1.7	0.016	0.057	0.02	0.01	3	<0.001	<0.001	0.04	1.74	0.02	0.003	<0.001	0.003	<0.01	1.21	0.067	<0.001	0.41	0.82	
723098	Drill Core	1.5	0.013	0.093	<0.01	0.01	2	<0.001	<0.001	0.05	1.47	0.02	0.005	<0.001	0.004	<0.01	1.84	0.062	0.003	0.63	0.89	
723099	Drill Core	1.6	0.006	0.028	<0.01	<0.01	<2	<0.001	<0.001	0.04	1.62	<0.01	0.004	<0.001	0.002	<0.01	1.51	0.052	<0.001	0.62	1.05	
723100	Drill Core	1.9	0.010	0.006	<0.01	<0.01	<2	<0.001	<0.001	0.06	1.53	<0.01	0.004	<0.001	<0.001	<0.01	1.46	0.044	0.004	0.59	0.80	
723101	Drill Core	1.8	0.003	0.006	<0.01	<0.01	<2	<0.001	<0.001	0.05	2.37	<0.01	0.005	<0.001	<0.001	<0.01	1.79	0.082	<0.001	0.85	1.32	
723102	Drill Core	2	0.013	0.046	<0.01	<0.01	<2	<0.001	<0.001	0.05	1.80	0.01	0.004	<0.001	0.001	<0.01	1.34	0.045	0.005	0.56	0.82	
723103	Drill Core	1.5	0.004	0.045	<0.01	<0.01	<2	<0.001	<0.001	0.05	1.40	<0.01	0.004	<0.001	0.002	<0.01	1.28	0.033	<0.001	0.48	0.71	
723104	Drill Core	1.5	0.015	0.067	<0.01	<0.01	<2	<0.001	<0.001	0.03	1.05	<0.01	0.003	<0.001	0.001	<0.01	1.03	0.020	0.006	0.40	0.55	
723105	Drill Core	1.7	0.009	0.044	<0.01	<0.01	<2	<0.001	<0.001	0.03	0.96	<0.01	0.003	<0.001	<0.001	<0.01	0.98	0.027	<0.001	0.40	0.53	
723106	Drill Core	1.7	0.011	0.021	<0.01	<0.01	<2	<0.001	<0.001	0.03	1.41	<0.01	0.004	<0.001	<0.001	<0.01	1.35	0.050	0.004	0.60	0.90	
723107	Drill Core	1.7	0.014	0.052	<0.01	<0.01	<2	<0.001	<0.001	0.03	1.19	<0.01	0.004	<0.001	0.001	<0.01	1.30	0.033	<0.001	0.46	0.62	
723108	Drill Core	1	0.009	0.028	<0.01	<0.01	<2	<0.001	<0.001	0.05	1.32	<0.01	0.004	<0.001	<0.001	<0.01	1.91	0.046	0.004	0.60	0.83	
723109	Drill Core	1	0.010	0.020	<0.01	<0.01	<2	<0.001	<0.001	0.05	0.90	<0.01	0.004	<0.001	0.001	<0.01	1.47	0.043	<0.001	0.53	0.59	
723110	Drill Core	1.8	0.012	0.027	<0.01	<0.01	<2	<0.001	<0.001	0.05	0.97	<0.01	0.003	<0.001	0.001	<0.01	1.29	0.033	0.005	0.43	0.69	
723111	Drill Core	1.7	0.016	0.055	<0.01	0.01	<2	<0.001	<0.001	0.05	1.09	0.01	0.003	<0.001	0.001	<0.01	1.17	0.032	<0.001	0.45	0.58	
723112	Drill Core	1.9	0.042	0.122	<0.01	0.01	<2	<0.001	<0.001	0.06	2.63	0.03	0.007	<0.001	<0.001	<0.01	2.57	0.234	0.001	1.23	1.67	

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**CERTIFICATE OF ANALYSIS** SMI07000142.1

Method	7AR	7AR	7AR	7AR	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	Na	K	W	Hg	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb		
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.001	0.001	0.001	0.001	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02		
723084	Drill Core	0.009	0.280	<0.001	<0.001	83.04	618.2	18.24	85.0	2114	5.6	14.4	458	1.46	102.2	0.9	37.4	2.8	18.3	0.50	9.25	
723085	Drill Core	0.009	0.299	<0.001	<0.001	85.92	72.79	5.59	116.2	153	3.3	4.6	730	1.85	12.5	0.8	8.0	2.5	34.5	0.41	0.56	
723086	Drill Core	0.010	0.357	<0.001	<0.001	82.95	144.3	6.48	98.2	155	4.0	4.0	710	1.49	25.6	0.8	17.6	2.4	32.7	0.48	1.73	
723087	Drill Core	0.009	0.357	<0.001	<0.001	212.6	450.2	19.49	99.7	583	3.4	6.4	925	1.68	110.5	1.3	18.5	2.5	45.9	0.59	5.16	
723088	Drill Core	0.009	0.294	<0.001	<0.001	245.3	359.5	6.03	70.3	295	3.3	7.1	333	1.71	68.2	0.9	29.7	3.1	36.9	0.37	3.71	
723089	Drill Core	0.009	0.269	<0.001	<0.001	493.3	53.61	4.42	73.9	57	2.5	2.5	385	1.77	16.8	0.8	5.4	2.9	39.0	0.46	0.66	
723090	Drill Core	0.009	0.297	<0.001	<0.001	195.0	58.01	22.44	101.6	165	2.4	2.9	415	2.09	13.2	0.6	6.6	3.2	36.3	0.71	0.69	
723091	Drill Core	0.009	0.291	<0.001	<0.001	162.1	205.9	11.62	98.1	268	3.4	4.0	580	1.83	39.9	1.4	7.7	2.7	49.1	0.58	2.44	
723092	Drill Core	0.009	0.354	<0.001	<0.001	155.6	176.9	300.5	1772	1537	3.8	5.2	1278	2.62	151.3	1.1	76.2	3.1	34.2	18.21	3.22	
723093	Drill Core	0.024	0.321	<0.001	<0.001	262.2	173.6	11.61	54.1	809	2.6	3.4	409	1.74	59.7	1.3	59.6	3.5	30.6	0.32	2.27	
723094	Drill Core	0.019	0.302	<0.001	<0.001	218.4	636.6	17.86	60.9	2218	2.3	7.1	299	1.53	137.0	2.0	31.5	3.1	28.2	0.51	6.65	
RRE 723094	Drill Core	0.018	0.298	<0.001	<0.001	204.0	647.1	11.34	58.1	2208	2.6	7.5	295	1.54	137.5	2.0	47.2	3.2	28.4	0.42	6.64	
723095	Drill Core	0.029	0.394	<0.001	<0.001	2.89	26.41	9.12	103.1	89	55.4	14.8	371	3.24	6.3	0.4	1.7	2.4	90.3	0.12	0.14	
723096	Drill Core	0.008	0.413	<0.001	<0.001	162.8	443.7	40.97	147.9	5233	2.9	7.8	1453	1.44	149.3	1.8	76.3	3.1	31.2	1.44	18.36	
723097	Drill Core	0.008	0.522	<0.001	<0.001	138.8	547.2	195.5	136.2	3022	3.6	8.6	413	1.71	202.8	1.4	77.7	3.0	23.6	1.52	6.99	
723098	Drill Core	0.008	0.325	<0.001	<0.001	107.3	879.9	9.96	106.2	2275	3.0	9.0	446	1.36	159.1	1.0	27.1	2.5	38.3	0.81	13.39	
723099	Drill Core	0.021	0.339	<0.001	<0.001	51.50	284.7	7.72	83.1	744	3.6	4.3	374	1.40	45.0	1.0	14.0	2.7	30.7	0.51	5.80	
723100	Drill Core	0.017	0.328	<0.001	<0.001	82.78	61.78	32.45	100.9	284	4.3	3.7	526	1.40	16.9	1.0	16.1	2.5	33.3	0.60	1.46	
723101	Drill Core	0.024	0.413	<0.001	<0.001	27.98	64.14	6.80	92.6	231	5.9	6.1	473	2.12	14.4	0.7	6.9	2.5	43.2	0.31	1.39	
723102	Drill Core	0.027	0.337	<0.001	<0.001	115.0	449.2	15.64	74.5	1306	4.9	8.1	451	1.69	109.2	1.3	30.9	2.7	31.4	0.35	6.69	
723103	Drill Core	0.010	0.344	<0.001	<0.001	32.97	440.4	10.90	68.2	1331	3.7	6.7	508	1.35	51.4	1.0	30.9	2.8	29.1	0.68	9.55	
723104	Drill Core	0.008	0.312	<0.001	<0.001	138.9	678.6	5.05	58.2	1491	4.0	7.3	338	1.02	82.5	1.0	21.7	3.1	28.9	0.41	8.17	
723105	Drill Core	0.009	0.283	<0.001	<0.001	82.61	448.5	5.90	67.4	885	3.3	3.3	254	0.96	59.8	1.1	9.6	2.8	28.3	0.52	7.02	
723106	Drill Core	0.014	0.300	<0.001	<0.001	93.17	225.5	7.68	55.3	503	4.9	5.3	301	1.40	47.8	1.2	10.0	3.0	35.7	0.25	3.16	
723107	Drill Core	0.011	0.339	<0.001	<0.001	123.0	508.1	4.28	53.3	1042	4.2	6.1	328	1.18	65.3	1.5	22.8	2.7	35.4	0.30	5.01	
723108	Drill Core	0.006	0.301	<0.001	<0.001	79.68	274.8	37.13	71.1	881	4.8	5.2	482	1.27	27.6	2.4	27.9	3.1	34.9	0.62	1.56	
723109	Drill Core	0.008	0.342	<0.001	<0.001	84.05	206.2	14.80	46.3	1041	3.2	2.8	487	0.82	50.8	1.6	16.4	3.0	32.2	0.39	3.25	
723110	Drill Core	0.016	0.355	<0.001	<0.001	107.5	272.9	10.43	56.1	1086	3.5	4.9	432	0.90	75.4	1.6	17.1	2.8	27.3	0.35	2.33	
723111	Drill Core	0.020	0.339	<0.001	<0.001	140.7	541.6	32.99	139.3	1778	4.2	5.4	513	1.05	149.8	1.9	27.0	3.2	27.0	1.95	5.96	
723112	Drill Core	0.055	0.677	<0.001	<0.001	389.2	1191	27.61	94.8	1236	7.7	12.7	558	2.47	311.0	0.8	27.3	1.4	58.6	1.78	6.40	

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**CERTIFICATE OF ANALYSIS**

**SMI07000142.1**

Method	Analyte	Unit	1F
		MDL	Ga
			ppm
			0.1
723084	Drill Core		1.6
723085	Drill Core		1.6
723086	Drill Core		1.2
723087	Drill Core		1.3
723088	Drill Core		1.5
723089	Drill Core		1.6
723090	Drill Core		1.7
723091	Drill Core		1.3
723092	Drill Core		1.4
723093	Drill Core		2.0
723094	Drill Core		1.5
RRE 723094	Drill Core		1.7
723095	Drill Core		6.0
723096	Drill Core		1.0
723097	Drill Core		1.3
723098	Drill Core		1.4
723099	Drill Core		1.6
723100	Drill Core		1.5
723101	Drill Core		3.1
723102	Drill Core		1.5
723103	Drill Core		1.3
723104	Drill Core		1.1
723105	Drill Core		1.2
723106	Drill Core		2.3
723107	Drill Core		1.4
723108	Drill Core		1.9
723109	Drill Core		1.0
723110	Drill Core		1.0
723111	Drill Core		1.1
723112	Drill Core		5.1

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**CERTIFICATE OF ANALYSIS** SMI07000142.1

Method	WGHT	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al			
Unit	kg	%	%	%	%	GMWT	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	
MDL	0.01	0.001	0.001	0.01	0.01	2	0.001	0.001	0.01	0.01	0.01	0.001	0.001	0.001	0.01	0.01	0.001	0.001	0.01	0.001	0.01	0.01	
723113	Drill Core	1.9	0.012	0.069	<0.01	<0.01	<2	<0.001	0.002	0.05	3.39	0.01	0.007	<0.001	<0.001	<0.01	1.82	0.245	<0.001	1.14	1.53		
723114	Drill Core	2	0.026	0.039	<0.01	0.01	<2	<0.001	0.001	0.09	3.70	<0.01	0.006	<0.001	<0.001	<0.01	2.14	0.251	0.002	1.19	1.60		
723115	Drill Core	2	0.017	0.041	0.02	0.08	4	<0.001	0.001	0.15	4.40	0.01	0.006	<0.001	0.001	<0.01	2.07	0.215	<0.001	1.11	1.35		
723116	Drill Core	2.1	<0.001	0.002	<0.01	0.01	<2	0.006	0.001	0.04	3.35	<0.01	0.010	<0.001	<0.001	<0.01	0.58	0.052	0.006	1.09	2.38		
723117	Drill Core	1.9	0.004	0.203	0.01	0.07	3	<0.001	0.001	0.06	4.96	0.05	0.005	<0.001	0.004	<0.01	1.77	0.221	<0.001	1.31	1.53		
723118	Drill Core	2	0.005	0.085	<0.01	<0.01	<2	<0.001	0.001	0.05	4.00	<0.01	0.006	<0.001	<0.001	<0.01	1.98	0.217	<0.001	1.39	1.43		
723119	Drill Core	2	0.007	0.068	<0.01	<0.01	<2	<0.001	<0.001	0.05	6.45	<0.01	0.004	<0.001	<0.001	<0.01	1.35	0.176	0.001	1.52	1.51		
RRE 723119	Drill Core	0.007	0.076	<0.01	<0.01	<2	<0.001	<0.001	0.05	6.75	<0.01	0.004	<0.001	<0.001	<0.01	1.35	0.181	<0.001	1.56	1.53			
723120	Drill Core	1.7	0.048	0.020	<0.01	<0.01	<2	<0.001	<0.001	0.05	2.28	<0.01	0.004	<0.001	<0.001	<0.01	1.56	0.074	0.004	0.77	0.67		
723121	Drill Core	1.9	0.009	0.130	0.56	0.17	33	<0.001	<0.001	0.11	4.08	0.03	0.007	0.002	0.021	<0.01	3.12	0.213	<0.001	1.08	1.16		
723122	Drill Core	2	0.006	0.066	<0.01	<0.01	<2	<0.001	<0.001	0.05	4.11	<0.01	0.007	<0.001	<0.001	<0.01	1.99	0.251	0.002	1.05	1.66		
723123	Drill Core	2.1	0.006	0.075	<0.01	0.01	2	<0.001	0.001	0.07	4.13	0.01	0.008	<0.001	0.002	<0.01	3.62	0.198	<0.001	1.61	1.13		
723124	Drill Core	2	0.006	0.036	<0.01	0.01	<2	<0.001	0.001	0.07	6.15	<0.01	0.005	<0.001	<0.001	<0.01	2.19	0.167	0.002	1.61	0.96		
723125	Drill Core	2	0.018	0.099	<0.01	<0.01	2	<0.001	<0.001	0.06	4.18	<0.01	0.004	<0.001	<0.001	<0.01	1.84	0.202	<0.001	1.33	1.14		
723126	Drill Core	1.8	0.012	0.058	<0.01	<0.01	2	<0.001	<0.001	0.06	3.91	0.01	0.005	<0.001	<0.001	<0.01	1.95	0.249	0.001	1.18	1.27		
723127	Drill Core	3	<0.001	0.003	<0.01	0.01	<2	0.005	0.001	0.04	3.26	<0.01	0.005	<0.001	<0.001	<0.01	0.48	0.058	0.004	0.99	2.13		
723128	Drill Core	1.8	0.001	0.002	<0.01	<0.01	<2	<0.001	<0.001	0.05	2.10	<0.01	0.008	<0.001	<0.001	<0.01	3.16	0.098	0.002	0.94	0.65		
723129	Drill Core	1.8	<0.001	0.002	<0.01	<0.01	<2	<0.001	<0.001	0.04	1.95	<0.01	0.009	<0.001	<0.001	<0.01	2.77	0.080	<0.001	0.70	0.61		
723130	Drill Core	1.9	<0.001	<0.001	<0.01	<0.01	<2	<0.001	<0.001	0.04	1.95	<0.01	0.007	<0.001	<0.001	<0.01	2.41	0.087	0.004	0.70	0.61		
723131	Drill Core	1.7	<0.001	<0.001	<0.01	<0.01	<2	<0.001	<0.001	0.04	2.07	<0.01	0.007	<0.001	<0.001	<0.01	2.19	0.084	<0.001	0.69	0.63		
723132	Drill Core	1.8	<0.001	<0.001	<0.01	<0.01	<2	<0.001	<0.001	0.04	2.03	<0.01	0.006	<0.001	<0.001	<0.01	2.26	0.086	0.004	0.70	0.58		
723133	Drill Core	1.9	<0.001	<0.001	<0.01	<0.01	<2	<0.001	<0.001	0.05	2.00	<0.01	0.007	<0.001	<0.001	<0.01	2.47	0.088	<0.001	0.69	0.60		
723134	Drill Core	2.1	<0.001	<0.001	<0.01	<0.01	<2	<0.001	<0.001	0.05	1.85	<0.01	0.008	<0.001	<0.001	<0.01	2.75	0.085	0.004	0.60	0.72		

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**CERTIFICATE OF ANALYSIS** SMI07000142.1

Method	Analyte	7AR	7AR	7AR	7AR	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	
		Na	K	W	Hg	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb
Unit		%	%	%	%	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm
MDL		0.001	0.001	0.001	0.001	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02
723113	Drill Core	0.088	0.734	<0.001	<0.001	102.7	670.4	4.82	82.9	904	9.6	20.2	481	3.29	119.7	0.8	11.3	1.5	55.8	0.28	2.12
723114	Drill Core	0.086	0.797	<0.001	<0.001	234.1	377.1	11.44	109.7	1063	9.0	15.2	872	3.39	91.4	1.0	29.9	1.4	52.7	0.78	3.25
723115	Drill Core	0.080	0.768	<0.001	<0.001	146.8	403.3	168.2	720.7	3616	8.7	14.5	1518	4.22	134.1	0.7	72.3	1.3	53.9	7.93	7.81
723116	Drill Core	0.032	0.421	<0.001	<0.001	1.93	23.34	10.33	106.9	87	57.3	14.9	402	3.29	5.8	0.5	3.6	2.5	95.1	0.12	0.10
723117	Drill Core	0.113	1.038	<0.001	<0.001	32.72	1947	84.72	653.0	2463	8.5	15.3	613	4.27	508.0	0.5	84.2	1.3	45.8	6.96	12.89
723118	Drill Core	0.100	0.864	<0.001	<0.001	42.52	785.0	4.86	61.4	820	6.9	11.3	421	3.49	97.9	0.6	32.9	1.6	50.2	0.28	1.42
723119	Drill Core	0.105	0.934	<0.001	<0.001	60.44	641.5	2.71	65.5	1512	7.0	10.4	454	4.97	12.8	0.5	13.1	2.0	36.4	0.20	0.72
RRE 723119	Drill Core	0.093	0.959	<0.001	<0.001	63.17	739.7	2.65	70.9	1575	7.4	11.3	476	5.29	13.0	0.5	14.5	1.9	37.4	0.18	0.68
723120	Drill Core	0.040	0.437	<0.001	<0.001	467.0	205.3	9.52	94.5	844	4.1	4.3	474	2.04	48.3	0.7	9.5	3.2	34.9	0.63	2.33
723121	Drill Core	0.037	0.523	<0.001	<0.001	75.00	1302	5457	1612	30420	6.8	11.9	1140	4.01	340.2	0.9	217.6	1.3	64.6	17.38	114.1
723122	Drill Core	0.172	0.787	<0.001	<0.001	52.77	674.0	15.28	82.9	1016	7.2	9.4	479	3.79	65.8	0.5	69.6	1.7	74.4	0.50	1.53
723123	Drill Core	0.084	0.646	<0.001	<0.001	57.20	736.5	28.84	113.9	2372	7.3	11.1	656	3.84	152.5	0.4	86.2	1.2	73.9	0.80	14.10
723124	Drill Core	0.097	0.682	<0.001	<0.001	49.71	337.6	3.22	130.4	872	7.9	12.6	643	4.79	28.8	0.4	18.7	1.6	51.0	0.76	0.30
723125	Drill Core	0.108	0.754	<0.001	<0.001	156.7	966.4	5.01	75.8	2383	8.0	11.7	548	3.59	98.8	0.5	77.2	1.4	41.4	0.21	1.32
723126	Drill Core	0.113	0.811	<0.001	<0.001	104.2	556.2	5.95	85.7	2337	6.7	11.0	528	3.41	107.8	0.4	18.4	1.2	48.4	0.44	1.63
723127	Drill Core	0.028	0.330	<0.001	<0.001	1.95	27.76	7.69	103.8	69	49.4	12.0	397	3.13	4.3	0.3	1.0	2.2	52.3	0.09	0.21
723128	Drill Core	0.036	0.466	<0.001	<0.001	9.52	16.52	6.70	62.4	113	3.4	6.4	517	1.92	4.2	1.3	2.4	1.6	74.1	0.32	0.19
723129	Drill Core	0.046	0.376	<0.001	<0.001	1.72	16.39	4.41	34.8	74	3.7	6.3	403	1.74	4.0	1.3	1.5	1.8	84.1	0.09	0.11
723130	Drill Core	0.046	0.337	<0.001	<0.001	0.92	9.72	8.20	39.5	44	4.1	6.5	379	1.77	2.7	1.5	2.9	1.9	71.3	0.06	0.14
723131	Drill Core	0.050	0.277	<0.001	<0.001	0.38	9.52	3.66	39.7	49	3.8	7.3	389	1.91	3.0	1.6	1.8	2.0	66.9	0.05	0.14
723132	Drill Core	0.053	0.279	<0.001	<0.001	0.66	9.93	3.92	39.5	59	3.6	6.8	417	1.86	2.3	1.6	-0.2	1.8	61.3	0.06	0.11
723133	Drill Core	0.047	0.334	<0.001	<0.001	0.43	8.75	5.81	39.7	75	2.9	6.3	459	1.79	2.2	1.7	1.2	1.8	70.0	0.09	0.12
723134	Drill Core	0.048	0.339	<0.001	<0.001	0.54	8.86	6.46	35.1	95	3.7	6.5	532	1.81	4.7	1.8	1.7	1.9	84.0	0.08	0.16

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**CERTIFICATE OF ANALYSIS**

**SMI07000142.1**

Method	Analyte	Unit	1F
		MDL	Ga
			ppm
			0.1
723113	Drill Core		5.4
723114	Drill Core		5.5
723115	Drill Core		5.2
723116	Drill Core		6.5
723117	Drill Core		6.0
723118	Drill Core		6.1
723119	Drill Core		8.1
RRE 723119	Drill Core		8.4
723120	Drill Core		2.5
723121	Drill Core		3.8
723122	Drill Core		7.1
723123	Drill Core		4.8
723124	Drill Core		6.6
723125	Drill Core		6.2
723126	Drill Core		5.2
723127	Drill Core		5.8
723128	Drill Core		1.4
723129	Drill Core		1.5
723130	Drill Core		1.7
723131	Drill Core		1.7
723132	Drill Core		1.7
723133	Drill Core		1.6
723134	Drill Core		2.2

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**QUALITY CONTROL REPORT** SMI07000142.1

Method	WGHT	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR	7AR		
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Sr	Cd	Sb	Bi	Ca	P	Cr	Mg	Al				
Unit	kg	%	%	%	%	GMT	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%		
MDL	0.01	0.001	0.001	0.01	0.01	2	0.001	0.001	0.01	0.01	0.01	0.001	0.001	0.001	0.01	0.01	0.001	0.001	0.01	0.01	0.01	0.01		
Pulp Duplicates																								
723084	Drill Core	1	0.010	0.065	-0.01	-0.01	2	<0.001	0.001	0.05	1.64	<0.01	0.003	<0.001	0.003	<0.01	0.74	0.091	<0.001	0.12	0.90			
REP 723084	QC																							
723095	Drill Core	2.3	<0.001	0.003	-0.01	0.01	<2	0.005	0.001	0.04	3.28	<0.01	0.009	<0.001	<0.001	<0.01	0.48	0.049	0.004	1.07	2.30			
REP 723095	QC		<0.001	0.003	-0.01	0.01	<2	0.005	0.001	0.04	3.32	<0.01	0.009	<0.001	<0.001	<0.01	0.49	0.050	0.004	1.09	2.37			
723119	Drill Core	2	0.007	0.068	-0.01	-0.01	<2	<0.001	<0.001	0.05	6.45	<0.01	0.004	<0.001	<0.001	<0.01	1.35	0.176	0.001	1.52	1.51			
REP 723119	QC																							
Reference Materials																								
STD DS7	Standard																							
STD DS7	Standard																							
STD R3A	Standard		0.078	0.820	1.96	4.00	200	0.550	0.061	0.07	30.09	0.04	0.003	0.024	0.036	<0.01	1.34	0.047	0.011	1.05	1.10			
STD R3A	Standard		0.078	0.811	1.96	4.00	207	0.546	0.061	0.07	30.64	0.04	0.003	0.025	0.036	<0.01	1.33	0.051	0.012	1.06	1.12			
STD R3A	Standard		0.077	0.817	1.94	4.02	201	0.535	0.062	0.07	31.36	0.04	0.003	0.024	0.038	<0.01	1.31	0.049	0.012	1.06	1.12			
STD R3A	Standard		0.079	0.820	1.98	4.05	200	0.550	0.062	0.07	30.80	0.04	0.003	0.024	0.036	<0.01	1.34	0.052	0.012	1.08	1.17			
STD R3A Expected			0.077	0.811	1.92	4.03	197	0.524	0.062	0.07	32.47	0.04	0.003	0.023	0.031		1.29	0.05	0.011	1.04	1.08			
STD DS7	Standard																							
STD DS7	Standard																							
STD DS7 Expected																								
BLK	Blank		<0.001	<0.001	-0.01	-0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.01	<0.001	<0.001	<0.001	<0.01	<0.01	<0.001	<0.001	<0.01	<0.01			
BLK	Blank		<0.001	<0.001	-0.01	-0.01	<2	<0.001	<0.001	<0.01	<0.01	<0.01	<0.001	<0.001	<0.001	<0.01	<0.01	<0.001	<0.001	<0.01	<0.01			
Prep Wash																								
G1	Prep Blank		<0.01	<0.001	<0.001	-0.01	-0.01	<2	<0.001	<0.001	0.06	2.06	<0.01	0.009	<0.001	<0.001	<0.01	0.64	0.075	0.007	0.61	1.24		

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**QUALITY CONTROL REPORT**

**SMI07000142.1**

Method	7AR	7AR	7AR	7AR	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte	Na	K	W	Hg	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	
Unit	%	%	%	%	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	
MDL	0.001	0.001	0.001	0.001	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	
<b>Pulp Duplicates</b>																					
723084	Drill Core	0.009	0.280	<0.001	<0.001	83.04	618.2	18.24	85.0	2114	5.6	14.4	458	1.46	102.2	0.9	37.4	2.8	18.3	0.50	9.25
REP 723084	QC					81.77	630.7	18.38	85.8	2138	5.8	14.2	460	1.46	103.0	1.0	14.8	2.9	18.6	0.48	9.09
723095	Drill Core	0.029	0.394	<0.001	<0.001	2.89	26.41	9.12	103.1	89	55.4	14.8	371	3.24	6.3	0.4	1.7	2.4	90.3	0.12	0.14
REP 723095	QC					0.029	0.406	<0.001	<0.001												
723119	Drill Core	0.105	0.934	<0.001	<0.001	60.44	641.5	2.71	65.5	1512	7.0	10.4	454	4.97	12.8	0.5	13.1	2.0	36.4	0.20	0.72
REP 723119	QC					64.59	660.7	2.78	71.6	1380	7.5	10.9	473	5.24	13.5	0.5	14.8	2.1	38.3	0.17	0.78
<b>Reference Materials</b>																					
STD DS7	Standard					20.04	105.2	68.51	394.1	842	54.6	9.3	634	2.46	52.1	5.0	64.5	4.5	80.3	6.66	4.69
STD DS7	Standard					22.23	110.3	72.58	412.3	1015	55.4	9.5	669	2.57	52.1	5.1	60.8	4.7	81.7	6.77	5.17
STD R3A	Standard	0.036	0.455	<0.001	0.002																
STD R3A	Standard	0.037	0.462	<0.001	0.002																
STD R3A	Standard	0.041	0.434	<0.001	0.001																
STD R3A	Standard	0.042	0.455	0.001	0.002																
STD R3A Expected		0.04	0.41		0.002																
STD DS7	Standard					20.37	102.4	68.05	385.2	853	56.1	9.1	613	2.41	50.6	5.3	51.5	4.5	76.7	6.53	3.93
STD DS7	Standard					22.50	133.6	76.20	406.4	873	59.5	10.0	651	2.53	52.9	5.7	85.8	4.5	84.2	6.93	4.13
STD DS7 Expected						20.92	109	70.6	411	890	56	9.7	627	2.39	48.2	4.9	70	4.4	68.7	6.38	5.86
BLK	Blank	<0.001	<0.001	<0.001	<0.001	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02
BLK	Blank	<0.001	<0.001	<0.001	<0.001	<0.01	<0.01	<0.01	0.8	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02
<b>Prep Wash</b>																					
G1	Prep Blank	0.128	0.584	<0.001	<0.001	0.33	5.85	2.98	46.3	7	5.9	4.4	532	1.84	0.2	2.3	<0.2	4.0	64.3	0.01	0.02

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**QUALITY CONTROL REPORT**

**SMI07000142.1**

Method	Analyte	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Unit	B	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	
	MDL	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	
Pulp Duplicates																						
723084	Drill Core	0.13	17	0.71	0.085	7.7	2.7	0.09	155.0	0.002	<20	0.58	0.006	0.19	<0.1	2.3	0.18	0.13	10	0.4	<0.02	
REP 723084	QC	0.15	16	0.73	0.087	7.2	3.2	0.10	154.3	0.002	<20	0.60	0.007	0.19	<0.1	2.4	0.19	0.13	7	0.5	<0.02	
723095	Drill Core	0.11	45	0.48	0.052	13.6	39.6	1.01	211.9	0.004	<20	1.90	0.025	0.24	<0.1	5.3	0.02	0.20	26	0.3	<0.02	
REP 723095	QC																					
723119	Drill Core	0.06	191	1.27	0.177	15.3	9.8	1.47	159.4	0.169	<20	1.37	0.091	0.91	<0.1	17.3	0.35	0.15	<5	0.2	<0.02	
REP 723119	QC	0.06	199	1.29	0.179	16.3	10.3	1.55	161.4	0.173	<20	1.42	0.094	0.92	<0.1	17.8	0.36	0.16	<5	0.2	<0.02	
Reference Materials																						
STD DS7	Standard	4.73	84	0.99	0.080	12.5	197.7	1.08	400.0	0.115	39	1.06	0.103	0.47	3.3	2.8	4.17	0.21	204	3.5	1.09	
STD DS7	Standard	4.81	91	0.99	0.082	13.0	202.8	1.13	401.4	0.122	48	1.09	0.100	0.49	3.4	2.9	4.60	0.22	201	4.0	1.16	
STD R3A	Standard																					
STD R3A	Standard																					
STD R3A	Standard																					
STD R3A	Standard																					
STD R3A Expected																						
STD DS7	Standard	4.50	86	0.92	0.079	12.3	196.6	1.04	395.8	0.118	38	0.99	0.098	0.46	3.4	2.9	4.17	0.19	210	3.6	0.97	
STD DS7	Standard	4.96	90	1.02	0.081	15.4	217.0	1.12	424.5	0.130	41	1.09	0.104	0.49	3.6	3.0	4.53	0.20	227	3.7	1.03	
STD DS7 Expected		4.51	86	0.93	0.08	12.7	163	1.05	370.3	0.124	38.6	0.959	0.073	0.44	3.8	2.5	4.19	0.21	200	3.5	1.08	
BLK	Blank	<0.02	<2	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	
BLK	Blank	<0.02	<2	<0.01	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	
Prep Wash																						
G1	Prep Blank	0.07	35	0.49	0.072	7.1	53.1	0.57	225.2	0.123	<20	0.99	0.094	0.53	0.1	2.0	0.32	<0.02	<5	<0.1	<0.02	

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