YEIP
05-026
2005

CORDILLERAN MINERALS LIMITED

ASSESSMENT REPORT
THE LIVINGSTONE PROJECT
LIVINGSTONE CREEK AREA, YUKON TERRITORY

YUKON GEOLOGICAL SURVEY
2005 YMIP (05-026) TARGET EVALUATION PROGRAM

By
Mark Lindsay
Cordilleran Minerals Ltd

TABLE of CONTENTS

SUMMARY -- -- -- -- -- -- -- -- -- 5

INTRODUCTION -- -- -- -- -- -- -- -- -- 6

LOCATION AND ACCESS -- -- -- -- -- -- -- -- 6

PHYSIOGRAPHY, VEGETATION AND CLIMATE -- -- -- -- 6

HISTORY AND PREVIOUS WORK -- -- -- -- -- -- 6

PROPERTY AND CLAIM STATUS -- -- -- -- -- -- 8

2005 WORK COMPLETED -- -- -- -- -- -- -- -- 9

REGIONAL GEOLOGY -- -- -- -- -- -- -- -- 10

GEOLOGICAL LEGEND -- -- -- -- -- -- -- -- 11

STRUCTURE -- -- -- -- -- -- -- -- -- 12

QUARTZ VEINS AND FRACTURE ZONE -- -- -- -- -- 12

ALTERATION -- -- -- -- -- -- -- -- -- 12

ECONOMIC GEOLOGY -- -- -- -- -- -- -- -- 14

ROCK ANALYSIS -- -- -- -- -- -- -- -- -- 14

SOIL ANALYSIS -- -- -- -- -- -- -- -- -- 14

CONCLUSIONS AND RECOMMENDATIONS -- -- -- -- -- 15

STATEMENT OF COSTS -- -- -- -- -- -- -- -- 16

FIGURE 1: Yukon Map -- -- -- -- -- -- -- -- -- 3
FIGURE 2: Livingstone 250,000 Map -- -- -- -- -- -- -- 4
FIGURE 3: Livingstone 50,000 Map -- -- -- -- -- -- -- 4
FIGURE 4: Livingstone Regional Geology -- -- -- -- --- --- 10
FIGURE 5: Livingstone Geology Legend -- -- -- -- -- -- 11
FIGURE 6: Livingstone Ring Structure -- -- -- -- -- -- -- 13
FIGURE 7: May Fracture Zone -- -- -- -- -- -- -- -- 13
FIGURE 8: Sericite Altered Rock -- -- -- -- -- -- -- 13
FIGURE 9: Livingstone Porphyry -- -- -- -- -- -- -- 13
FIGURE 10: Livingstone East Gossan -- -- -- -- -- -- -- 13
FIGURE 11: Mineralization Locations -- -- -- -- -- -- -- 13
FIGURE 12: Copper Mineralization -- -- -- -- -- -- -- 13

APPENDIX A: Livingstone Quartz Claims -- -- -- -- -- -- 17
APPENDIX B: Livingstone Rock Sample Assays and Locations -- -- -- -- 18
APPENDIX C: Livingstone Soil Sample Assays and Locations -- -- -- -- 20
APPENDIX D: Livingstone Work Invoices -- -- -- -- -- -- 56


Livingstone Area
Beaufort Sea
Herschel Island
Herschel
Tuktoyaktuk
ALASKA
Aklavik
Inuvik
Old Crow
Ft. McPherson
Porcupine River
ARCTIC CIRCLE
Eagle Plains
Ft. Good Hope
Great Bear Lake
Arctic Red River
Peel River
Mackenzie River
Eagle
NORTHWEST TERRITORIES
Dawson City
Keno
Mayo
Stewart River
Stewart
Hess River
Pelly Crossing
Hyland River
Pelly River
Beaver Creek
Ross River
Carmacks
Nahanni National Park
Frances Lake
Destruction Bay
Kluane National Park
Whitehorse
Haines Junction
Teslin River
Carcross
Teslin
Upper Liard
Watson Lake
Yakutat
Skagway
Atlin
Atlin Lake
BRITISH COLUMBIA
Gulf of Alaska
Haines
N
0
50 mi

Figure 1

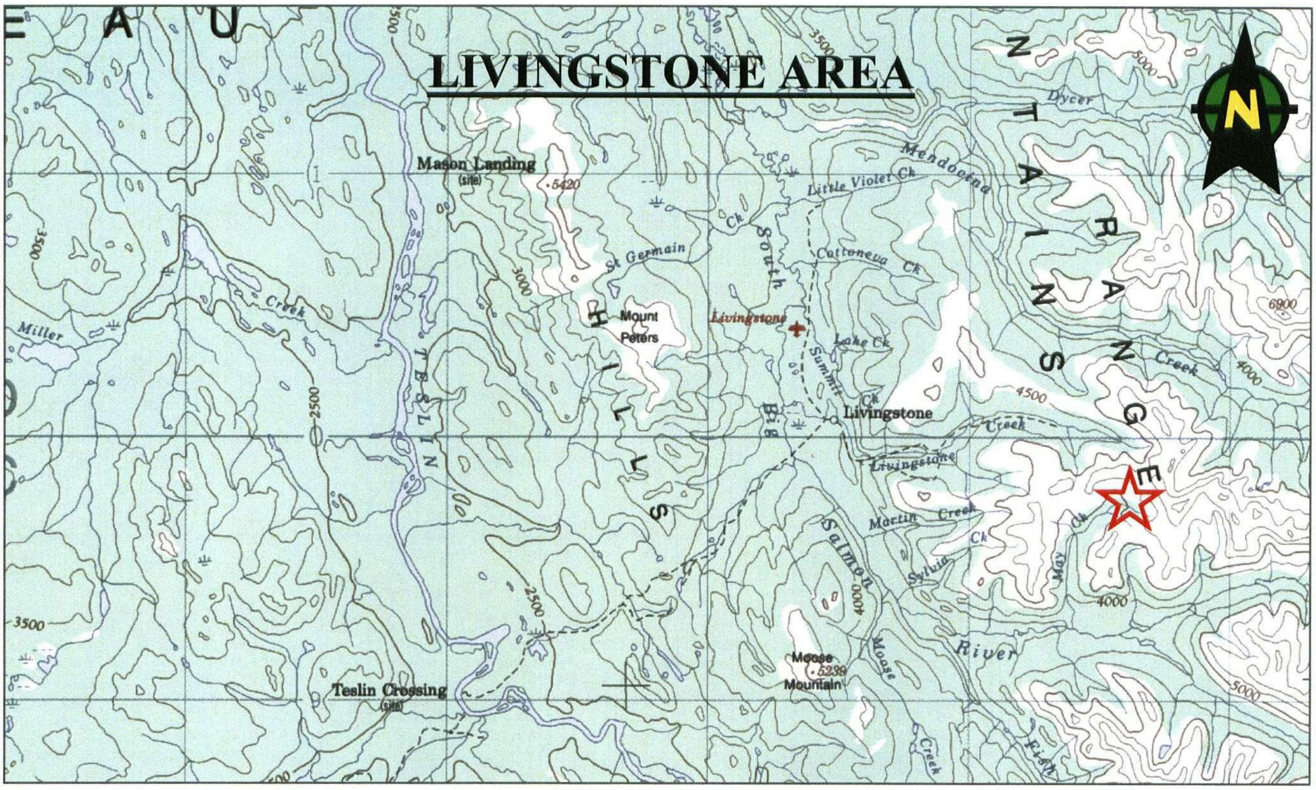


Figure 2

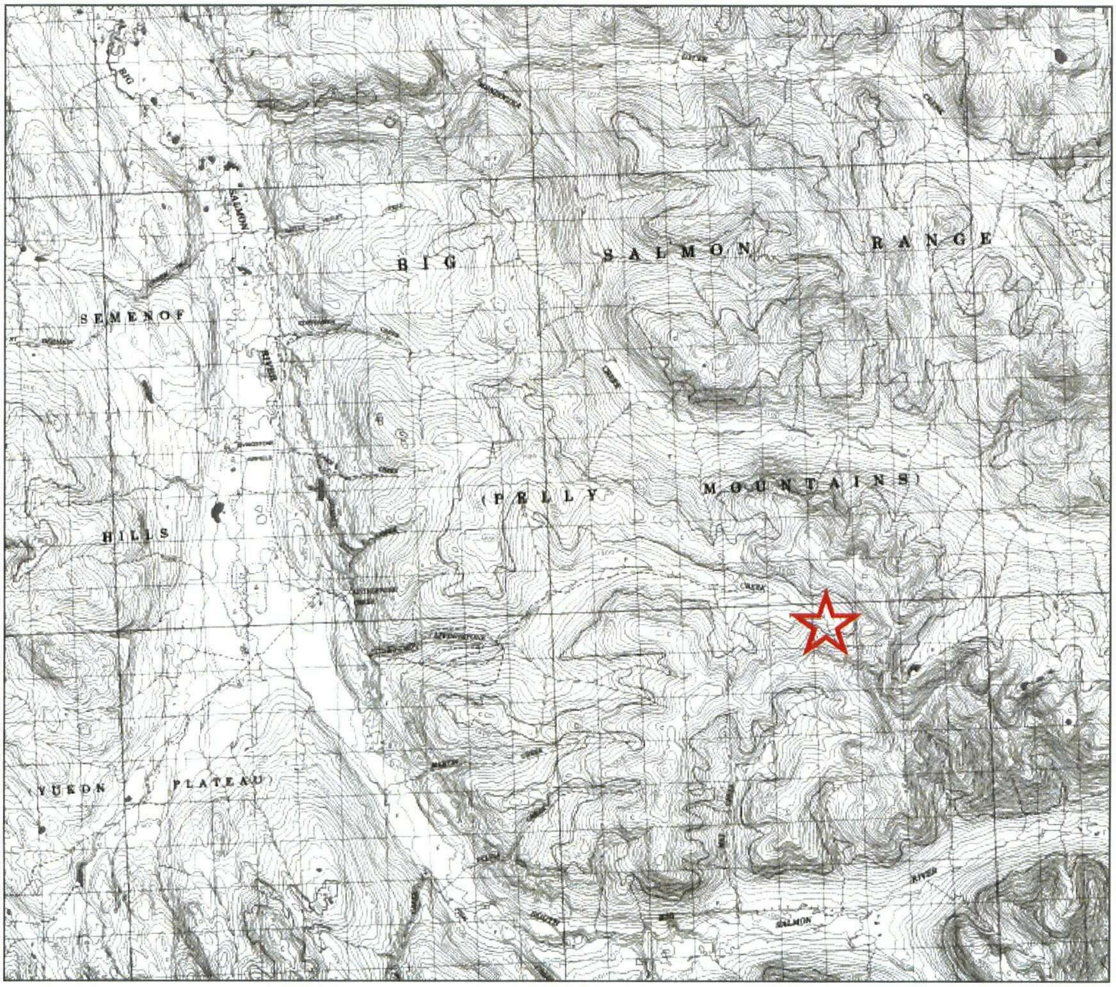


Figure 3

SUMMARY

In the late fall of 2005 a soil sampling program was conducted over a central portion of the Livingstone Creek (Liv) property of Cordilleran Minerals. The program was conducted late in the year due to unexpected problems encountered earlier in the 2005 exploration season.

The Liv target is located within the world class Livingstone Placer Gold Camp and is associated with a circular structure is being interpreted to be a ring fracture caused by a buried intrusion. The ring structure is specifically located at the headwaters of Livingstone Creek.

The soil program was conducted to test for gold and copper mineralization that may be associated with the large circular (landsat) feature. The circular feature is interpreted to be a ring dyke – radial dyke structure caused by recessive weathering over a buried intrusion.

Soils sampling conditions were very difficult. Snow conditions encountered while conducting the survey were described as deep and compact.

Approximately 525 soils samples were collected during the survey. Soil sample quality was compromised in some circumstances because of the difficult conditions in which samples were taken.

Assay results were not available at the time of writing this report.

INTRODUCTION

The area of interest regarding this report is known as the Liv Target Area (fig.3).

During late 2005 a soils sampling program was carried out over the Liv Target Area at Livingstone Creek, Yukon. The program was conducted by Cordilleran Minerals Limited.

Exploration over the Liv Target Area was conducted to identify any gold or copper mineralization found to be associated with what appears to be an intrusion related ring structure over the target area.

This report will discuss the general geology of the area and the analytical results from soil samples taken across the target.

LOCATION AND ACCESS

The Liv Target Area is located in south-central Yukon. The target area is 25 kilometers east of the Teslin River at the headwaters of Livingstone Creek (fig. 3) on NTS mapsheet 105E 08 (fig. 4 & 5). It is within the Whitehorse Mining District.

The approximate geographical center for the target area would be located at UTM 544658 E / 6799358 N

PHYSIOGRAPHY, VEGETATION AND CLIMATE

The Liv Porphyry Project is located in a sparsely forested area of high rolling hills to rough mountainous terrain. The highest point in the area is 2000 m. Drainage in the area is very good. Local creeks have a continuous supply of water during the spring and summer months. Most of the creek water is provided from melting permafrost. Some wetlands are located in the lower valleys alongside local creeks and rivers.

Vegetation in the area is relatively sparse. Moss, lichen and grasses, common to the area, cover much of the high alpine slopes of the target area. Willow, buck-brush and Black Spruce are found spread-out through the valleys, along with other varieties of moss and long grasses.

The climate of the area is typical of the interior continental region at this latitude. Winters are long with short hours of daylight and average daily temperatures of –20 Celsius. Summers are pleasant and warm with long days (20 hours of daylight on June 21), although it can be quite rainy at times. The average summer temperature is 19 Celsius with highs ranging into the low 30's (Celsius).

HISTORY AND PREVIOUS WORK

The real history of the Livingstone Creek area probably began in the early 1880's when prospectors first found gold in the southern Yukon. In 1881 explorers ascending the Big Salmon River discovered payable quantities of gold on many of the river bars along its watercourse. In

1884 substantial amounts of fine gold were discovered on Cassiar Bar, on the Yukon River just 73 kilometers north-west of the Livingstone Creek Placer Camp. It has been suggested that these placer gold occurrences may have been derived from glacial materials carrying gold away from the course placer gold fields at Livingstone Creek.

The news of early placer gold discoveries in the southern Yukon probably led to more prospectors exploring in the area. In 1894 it is reported that Joseph E. Peters prospected on Livingstone Creek. The initial gold discovery of the Livingstone Placer Camp is recorded as being made on Cottoneva Creek in 1898. All of the other creeks in the camp were also discovered in that year. Active mining in the camp was thought to have started after rich course gold was found by Peters on Livingstone Creek. J. Peters and George Black started to mine the creek near the turn of the century and they name the creek after Black's friend and fellow lawyer M.D. Livingstone.

The creek was mined on a continuous basis until the First World War. It was claimed that over a million dollars worth of gold was taken from Livingstone Creek before 1920. The other creeks in the camp also produced significant amounts of course gold. In 1905 a 39 ounce nugget was found on Summit Creek, a drainage immediately north of Livingstone. Placer production from the entire area almost ceased for about 20 years after WWI, but that has passed and now the creeks of the Livingstone camp have been mined on a continual basis from about the 1940's until today.

The amount of placer gold found in the Livingstone Camp is quite significant considering that the area has been glaciated on three occasions. Glaciers moving through an area usual spell the end of any placer deposits formed over time. The shear weight of glacial ice usual scours clean everything in its path. The Livingstone Camp was spared this sacrifice because the latest glaciers moved across the area at right angles to the general direction that the local creeks flow. This preservation event and others in the area helped create the world class placer deposits that existed at Livingstone. If the area had not been touch by glaciers (like the Klondike gold fields) the Livingstone Camp may well have been one of the richest placer gold discoveries on earth.

The lode source for the Livingstone Placer Camp has always been a bit of an enigma. Over 1500 men lived at the town site of Livingstone, near the turn of the 20th century, and it is said that many of them looked for the source of the placer gold but it was never found in big way. Some smaller veins were discovered and mined but the mother lode source for the camp was never found. The early history of lode prospecting and mining in the area has been lost so we may never know to what extent the locals knew of any lode sources or ideas regarding such sources. Lode prospecting and exploration in the Livingstone Camp has been very limited since the early 1900's.

Recently a few exploration companies have made interesting discoveries over the Livingstone area but most have not had a good model from which to continue to conduct their exploration programs. In the early 1970's prospectors started to stake claims in the Livingstone camp area. The high gold price of the 1980's led larger companies to the area. In 1981 DuPont Exploration of Canada conducted a large widespread regional stream sediment survey across approximately 20,000 sq. km of land in southern Yukon and northern British Columbia. The Liv Project area was detected in that survey as having an anomalous gold and copper signature. Subsequent exploration of the area found a heavy metal copper, gold and silver anomaly coming from the central zone of the Liv Porphyry target but no follow up work was conducted in the area. In 1986 Archer-Cathro explored the west side of the Liv area and found bonanza grade gold and silver in

quartz vein float. Two specimens assayed 303 g/t Au, 8.24 g/t Ag, 23.4% Sb, 0.01% Pb, and 66.5 g/t Au, 2756.5 g/t Ag, 30.4% As, 6.3% Pb, 0.4% Zn, 0.5% Sb, respectively. The source of the quartz was not found and their claims were eventually sold along with their interest because they did not have a good model from which to continue their exploration of the area.

In the early 1990's two German geologists conducted research on veins in the Livingstone area and concluded that veins carrying gold in the area were of epithermal origin and could be the source for the placer gold at Livingstone because of chemical similarities between placer gold and gold from local quartz veins. This theory has dominated and thus restricted the exploration of the Livingstone Placer Camp since that release of the report in 1992.

In 1995 a private company, Ross River Gold, explored in the area of the Liv Project. Robin Tolbert, Vice-President of exploration for Ross River Minerals (public equivalent) told the author that he had discovered gold mineralization on the immediate east side of the Liv Project area and he was inclined to stake the area but he could not convince the CEO of the company to commit to such a venture without having a solid exploration model to guide the process. Tolbert also said that he had notice a large amount of pyrite in the local drainage (Mendocina Creek) and that the pyrite existed in such huge quantities that the area was blanketed with a smell of sulfur from the decomposing sulfides.

More recently a large block of claims was staked on the western side of the Livingstone Camp in 1997-98. The prospectors who staked the block were interested in exploring for economic gold bearing quartz veins that were being touted as the source for the Livingstone placer gold.

Cordilleran Minerals Ltd. staked quartz claims in the area in November of 2004.

PROPERTY AND CLAIM STATUS

Cordilleran Minerals Limited owns 616 quartz mineral claims within the Livingstone area. See Appendix A for diagram.

Claim	Grant #	Renewal Term	Expiry Date
MIK 1 - 159	YC37133 - YC37291	1.00	29 Nov 2006
MIK 161	YC37293	1.00	29 Nov 2006
MIK 163	YC37295	1.00	29 Nov 2006
MIK 165	YC37297	1.00	29 Nov 2006
MIK 168 - 204	YC37300 - YC37336	1.00	29 Nov 2006
MIK 210 - 247	YC37342 - YC37379	1.00	29 Nov 2006
MIK 254 - 289	YC37386 - YC37421	1.00	29 Nov 2006
MIK 296 - 325	YC37428 - YC37457	1.00	29 Nov 2006
MIK 327	YC37459	1.00	29 Nov 2006
MIK 332	YC37464	1.00	29 Nov 2006
MIK 334 - 361	YC37466 - YC37493	1.00	29 Nov 2006
MIK 364 - 398	YC37496 - YC37530	1.00	29 Nov 2006
MIK 400 - 597	YC37532 - YC37729	1.00	29 Nov 2006
MIK 599 - 612	YC37731 - YC37744	1.00	29 Nov 2006
MIK 615	YC37747	1.00	29 Nov 2006
MIK 617	YC37749	1.00	29 Nov 2006
MIK 619	YC37751	1.00	29 Nov 2006
MIK 621	YC37753	1.00	29 Nov 2006
MIK 118	YC37250	2.00	29 Nov 2007
MIK 120	YC37252	2.00	29 Nov 2007

MIK 122	YC37254	2.00	29 Nov 2007
MIK 124 - 129	YC37256 - YC37261	2.00	29 Nov 2007
MIK 160	YC37292	3.00	29 Nov 2008
MIK 161	YC37293	2.00	29 Nov 2007
MIK 162	YC37294	3.00	29 Nov 2008
MIK 163	YC37295	2.00	29 Nov 2007
MIK 164	YC37296	3.00	29 Nov 2008
MIK 165	YC37297	2.00	29 Nov 2007
MIK 166 - 167	YC37298 - YC37299	3.00	29 Nov 2008
MIK 168 - 169	YC37300 - YC37301	2.00	29 Nov 2007
MIK 170	YC37302	1.00	29 Nov 2006
MIK 171	YC37303	2.00	29 Nov 2007
MIK 202 - 204	YC37334 - YC37336	2.00	29 Nov 2007
MIK 205 - 209	YC37337 - YC37341	3.00	29 Nov 2008
MIK 210	YC37342	1.00	29 Nov 2006
MIK 211	YC37343	2.00	29 Nov 2007
MIK 212 - 213	YC37344 - YC37345	1.00	29 Nov 2006
MIK 244	YC37376	1.00	29 Nov 2006
MIK 245 - 247	YC37377 - YC37379	2.00	29 Nov 2007
MIK 248 - 251	YC37380 - YC37383	3.00	29 Nov 2008
MIK 252 - 253	YC37384 - YC37385	2.00	29 Nov 2007
MIK 254 - 255	YC37386 - YC37387	1.00	29 Nov 2006
MIK 286 - 287	YC37418 - YC37419	1.00	29 Nov 2006
MIK 288 - 289	YC37420 - YC37421	2.00	29 Nov 2007
MIK 290 - 293	YC37422 - YC37425	3.00	29 Nov 2008
MIK 294 - 295	YC37426 - YC37427	2.00	29 Nov 2007
MIK 296 - 297	YC37428 - YC37429	1.00	29 Nov 2006
MIK 324 - 325	YC37456 - YC37457	1.00	29 Nov 2006
MIK 326	YC37458	3.00	29 Nov 2008
MIK 327	YC37459	2.00	29 Nov 2007
MIK 328 - 331	YC37460 - YC37463	3.00	29 Nov 2008
MIK 332	YC37464	1.00	29 Nov 2006
MIK 333	YC37465	2.00	29 Nov 2007
MIK 334 - 335	YC37466 - YC37467	1.00	29 Nov 2006
MIK 358 - 360	YC37490 - YC37492	1.00	29 Nov 2006
MIK 361 - 362	YC37493 - YC37494	2.00	29 Nov 2007
MIK 363	YC37495	3.00	29 Nov 2008
MIK 364	YC37496	1.00	29 Nov 2006
MIK 365	YC37497	2.00	29 Nov 2007
MIK 366 - 369	YC37498 - YC37501	1.00	29 Nov 2006
MIK 392 - 398	YC37524 - YC37530	1.00	29 Nov 2006
MIK 399	YC37531	2.00	29 Nov 2007
MIK 400 - 403	YC37532 - YC37535	1.00	29 Nov 2006

2005 WORK COMPLETED

Cordilleran Minerals Limited conducted a soil sampling program over the Liv Target area in November 2005. The soil sampling collection was contracted out to mining exploration contractor Coureur Des Bois of Whitehorse, Yukon. A group of 8 employees worked on the project from November 8-28, 2005.

A one day visit to the area by Cordilleran Minerals employees Mark Lindsay, Richard Baker and Adam Mickey was also carried out on July 23, 2005. The trip was conducted for prospecting purposes.

Trans North Helicopters provided support for all of the ventures carried out in the Livingstone area in 2005.

REGIONAL GEOLOGY

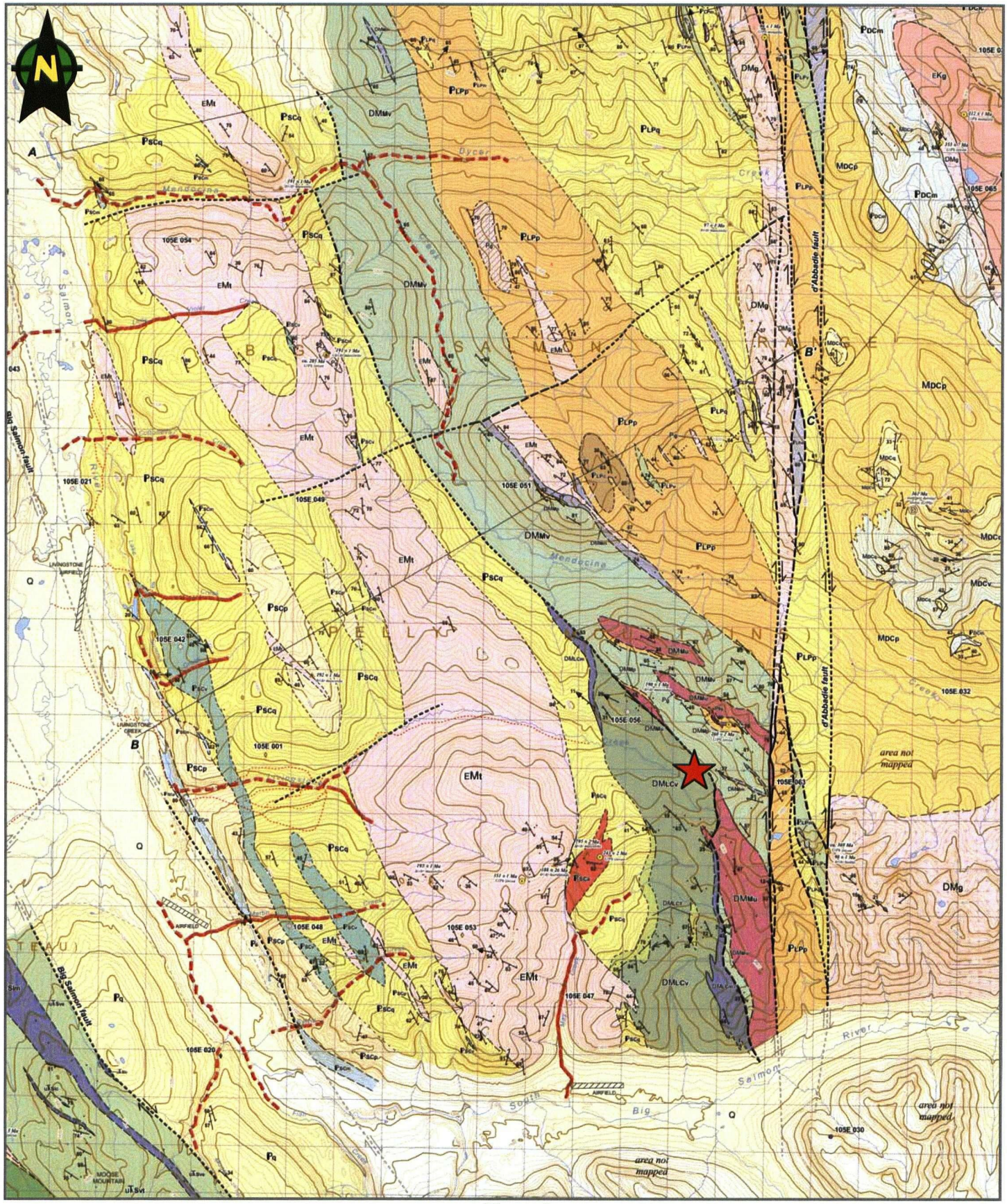


Figure 4

GEOLOGY LEGEND

LEGEND

QUATERNARY

Q — QUATERNARY: unconsolidated glacial, glaciofluvial and glaciolacustrine deposits; fluviatile silt, sand, and gravel, and local volcanic ash, in part with cover of soil and organic deposits

INTRUSIVE ROCKS

LATE CRETACEOUS

LKg — LAST PEAK GRANITE: fine- to medium-grained, weakly foliated biotite granite, locally K-feldspar porphyritic, commonly protomylonitic (U/Pb monazite - 96 ± 1 Ma).

EARLY CRETACEOUS

EKg — DYCER CREEK STOCK: medium- to coarse-grained, unfoliated, biotite quartz monzonite (U/Pb monazite - 112 ± 1 Ma).

PERMIAN

PPf — fine-grained, rusty weathering, strongly foliated felsic schist (U/Pb zircon - 260 ± 2 Ma).

PPg — variably foliated, medium- to coarse-grained muscovite-biotite leucogranite, locally pegmatitic (U/Pb zircon - ca. 285 Ma).

EARLY MISSISSIPPIAN

EMi — strongly foliated, light to medium grey, fine-grained tonalite gneiss; medium-grained, equigranular, strongly foliated hornblende-biotite granodiorite gneiss (U/Pb zircon - 351 ± 1 Ma).

LATE DEVONIAN - EARLY MISSISSIPPIAN

DMg — moderately to strongly foliated, K-feldspar augen two-mica granite; protomylonitic to mylonitic near d'Abbadie fault (U/Pb zircon - 355 ± 7 Ma, 358 ± 1 Ma). South of Mendocina Creek, variably foliated, fine- to medium-grained hornblende-biotite diorite, locally K-feldspar porphyritic granodiorite (U/Pb zircon - ca. 369 Ma).

LAYERED ROCKS

STIKINIA

UPPER TRIASSIC - JURASSIC?

Semenof formation (Simard, 2003)

uJKSf — PORPHYRITIC FLOW MEMBER: light to medium grey/green clinopyroxene-plagioclase-phyric basalt, locally brecciated and/or amygdaloidal (uJKSfc); medium to dark green amphibole-clinopyroxene-plagioclase-phyric basalt, locally brecciated (uJKSfa).

uJKSv — VOLCANICLASTIC MEMBER: massive dark green, brown, purple and/or red, pebble to cobble volcanic conglomerate (uJKSvc); well-bedded, light green, coarse-grained crystal and lithic tuff grading into fine-grained ash-tuff, minor lapilli tuff (uJKSvt); massive, light to dark grey volcanic sandstone, minor black argillite, clast-supported pebble to cobble breccia (uJKSvs).

uJKSl — LIMESTONE MEMBER: massive, light grey to beige, recrystallized limestone (uJKSlm); clast-supported, pebble to cobble limestone conglomerate, contains up to 30% angular basalt and ribbon-chert clasts (uJKSlc).

BOSWELL ASSEMBLAGE

PENNSYLVANIAN

Boswell formation (Simard, 2003)

PBl — beige to grey limestone, commonly bioclastic.

PBq — rusty-weathering, medium-grained quartz sandstone.

PBc — calcareous, massive, poorly sorted polymictic conglomerate and litharenite; clasts include angular fragments of black chert, argillite, mafic and felsic volcanic rocks and limestone.

MISSISSIPPIAN AND OLDER

Moose formation (Simard, 2003)

uMMr — rusty-weathering, pink quartz-feldspar-phyric rhyolite (U-Pb zircon - 359 ± 3 Ma).

uDMb — dark green, fine-grained, massive and pillowed basalt.

uDMl — light grey, massive limestone.

uDMs — green conglomeratic sandstone with volcanic and sedimentary clasts.

uDMc — massive red chert.

YUKON-TANANA TERRANE

PALEOZOIC (?)

Loon Lake succession (Barresi, 2004)

Pq — foliated, intercalated quartzite, siltstone and phyllite.

Ps — dark grey carbonaceous siltstone, quartz sandstone.

UPPER DEVONIAN AND OLDER

Snowcap complex

PSCv — light to medium green, variably siliceous, fine- to medium-grained calcareous chloritic schist; locally contains layers of buff-weathering siliceous marble.

PSCm — marble.

PSCq — quartzite, micaceous quartzite, quartz-muscovite-biotite schist, minor carbonaceous schist; locally quartz-pebble conglomerate.

PSCp — dark grey to black carbonaceous phyllite and schist, locally graphitic.

PSCa — dark green to black, fine-grained garnet amphibolite.

DEVONIAN-MISSISSIPPIAN ?

Livingstone Creek succession

DMLCv — light green to light grey quartzite, quartz-muscovite-plagioclase-chlorite schist, minor greenstone.

DMLCm — buff-weathering dolomitic marble and quartzite; light grey marble.

DMLCf — fine-grained, quartz-muscovite-plagioclase white schist.

DEVONIAN-MISSISSIPPIAN ?

Mendocina succession

DMMp — serpentinized peridotite, metagabbro.

DMMm — marble.

DMMv — fine-grained phyllitic greenstone, rarely massive; locally, medium- to coarse-grained plagioclase-hornblende metagabbro.

DMMp — graphitic phyllite.

UPPER DEVONIAN AND OLDER ?

Last Peak succession

PLPc — coarse-grained, strongly foliated arkosic grit, polymictic pebble to cobble metaconglomerate.

PLPm — light grey to white marble; along contact with K-feldspar augen granite (DMg), brown-weathering, medium-grey, fine-grained silicified marble.

PLPv — strongly foliated and lineated siliceous chloritic phyllite, quartzofeldspathic and epidote layers along foliation.

PLPq — tan-weathering micaceous and calcareous quartzite and quartz-muscovite±chlorite schist; black, grey and white quartzite, locally gritty; tan marble horizons; minor carbonaceous phyllite.

PLPp — black graphitic phyllite and quartzite; minor light grey quartz-muscovite schist and micaceous quartzite; minor buff-weathering marble.

MISSISSIPPIAN AND YOUNGER ?

Dycer Creek upper succession

MDCq — light greenish-grey, fine- to medium-grained quartzite, locally gritty and arkosic (detrital zircons [U/Pb] - ca. 360, 450, 560, 1790, 2500 Ma); minor recessive grey phyllite.

MDCv — green chloritic phyllite/schist, Mt-rich; local intercalations of graphitic phyllite and quartzite.

MDCp — graphitic phyllite and black calcareous metasiltstone.

UPPER DEVONIAN AND OLDER ?

Dycer Creek lower succession

PDCm — light grey to white, medium- to coarse-grained marble; locally garnet-diopside-epidote skarn.

PDCls — LOWER CLASTIC SUCCESSION: medium grey quartz-plagioclase-muscovite-biotite schist, locally quartz-plagioclase-biotite-hornblende-epidote schist; coarse-grained andalusite-biotite schist; calc-silicate schist, marble, quartzite; intruded by sheets of K-feldspar augen granite gneiss (Mg).

SYMBOLS

geologic contacts (defined, approximate, inferred, covered [grey])

fault; movement not known (defined, approximate, inferred, covered)

thrust fault (inferred)

dextral strike-slip fault (defined, approximate, inferred, covered)

normal fault (defined)

bedding

foliation (dominant)

elongation or mineral lineation

intersection lineation

fold axis (dominant phase)

radiometric date (U/Pb, Ar/Ar, U/Pb detrital zircons)

field station

placer potential (past-producing stream, proven or potential gold-bearing stream)

trail

NOTES

1) Geology of the Semenof Hills, west of the South Big Salmon River, is after Simard (2003).

2) Selected Ar/Ar dates and two Devonian-Mississippian U/Pb dates are from Hansen et al. (1989, 1991). The remaining U/Pb dates are unpublished data by S.D. Carr; three additional Ar/Ar muscovite dates are unpublished data by M. Colpron. Older, less reliable K/Ar and Rb/Sr dates reported in Hansen et al. (1989) are not shown on this map.

3) Detrital zircon dates from a quartzite of the Dycer Creek succession (MDCq) is unpublished data by M. Colpron.

4) Compilation of the geology of Yukon-Tanana Terrane has benefited from unpublished map and notes by J.L. Harvey, provided by S.D. Carr, and mapping by Gallagher (1999).

4) Metasedimentary rocks of the Loon Lake succession were studied in detail by Barresi (2004).

REFERENCES

Barresi, T., 2004. Sedimentology, structure, and depositional setting of the Loon Lake sedimentary rock unit, southern Semenof Hills, central Yukon. Unpublished B.Sc. Honours thesis, Saint Mary's University, Halifax, Nova Scotia, 85 p.

Deklerk, R. and Traynor, S., 2005. Yukon MINFILE 2005 - A database of mineral occurrences. Yukon Geological Survey, CD-ROM.

Gallagher, C.S., 1999. Regional-scale transposition and late large-scale folding in the Teslin Zone, Pelly Mountains, Yukon. Unpublished M.Sc. thesis. Carleton University, Ottawa, Ontario, 199 p.

Hansen, V.L., Mortensen, J.K. and Armstrong, R.L., 1989. U-Pb, Rb-Sr, and K-Ar isotopic constraints for ductile deformation and related metamorphism in the Teslin suture zone, Yukon-Tanana terrane, south-central Yukon. Canadian Journal of Earth Sciences, vol. 26, p. 2224-2235.

Hansen, V.L., Heizler, M.T. and Harrison, T.M., 1991. Mesozoic thermal evolution of the Yukon-Tanana composite terrane: new evidence from $^{40}Ar/^{39}Ar$ data. Tectonics, vol. 10, p. 51-76.

Lipovsky, P.S., Lebarge, W., Bond, J.D. and Lowey, G., 2001. Yukon placer activity map. Exploration and Geological Services Division, Yukon Region, Indian and Northern Affairs Canada, 1:1 000 000.

Simard, R.-L., 2003, Geological map of southern Semenof Hills (part of NTS 105E/1,7,8), south-central Yukon (1:50 000 scale), Yukon Geological Survey, Open File 2003-12.

RECOMMENDED CITATION

Colpron, M., 2005. Geological map of Livingstone Creek area (NTS 105E/8), Yukon (1:50 000 scale). Yukon Geological Survey, Open File 2005-9.

Digital cartography and drafting by Maurice Colpron, Yukon Geological Survey.

Any revisions or additional geological information known to the user would be welcomed by the Yukon Geological Survey.

Paper copies of this map, the accompanying report and Yukon MINFILE may be purchased from Geoscience Information and Sales, c/o Whitehorse Mining Recorder, Energy, Mines and Resources, Yukon Government, Room 102 - 300 Main St., Whitehorse, Yukon, Y1A 2B5. Ph. 867-667-5200, Fx. 867-667-5150, Email geosales@gov.yk.ca.

A digital PDF (Portable Document File) file of this map may be downloaded free of charge from the Yukon Geological Survey website: http://www.geology.gov.yk.ca.

Figure 5

STRUCTURE

A circular structure anomaly exists at the headwaters of Livingstone Creek (fig. 6). The circular feature was initially interpreted to be caused by recessive weathering over a buried intrusion related ring–radial fracture complex. A coincident regional magnetic anomaly is located in the exact center of the circular landsat image. The regional magnetics also follow along the same orientation as northwest trending faults that have been mapped within the Livingstone Camp.

Several structural trends also occur within the general target area. A major strike slip fault trends in a north/south direction, along or close to the contact between the mapped location of the eastern DMg granite (see fig. 4) and the adjacent ultramafic and metamorphic rocks. This fault may be the conduit that allowed the upward movement of the proposed buried intrusion into its current position.

Several other strike slip faults have been inferred to exist in the area. Figure 4 shows the location of the faults. The faults may have allowed the movement of proposed intrusive rocks into the more northern parts of the target area. The faults mirror the extensive magnetic signature of the area and may reflect the presence of intrusion/fault related mineralization.

QUARTZ VEINS and FRACTURE ZONE

Several large NW/SE trending quartz veins have been seen in outcrop in the target area. The veins have not been traced on surface but they appeared to be quite persistent and approximately 1m wide. A section of one vein carried significant copper values. A relatively extensive fracture zone (May Zone sample fig. 7) exists in the area of the quartz veins and appears to cover a relative large section of the southwest side of the inner circular structure.

The May Zone outcrops along a ridge on the southwest side of the inner ring structure for approximately 300 meters in length. The zone hosts sheeted and stockwork-type veins carrying sulfides and appears to continue under cover for a greater distance considering that other areas of fractures and veining, of similar nature, were noted further north along the inner ridge as it curves off to the east. The two most significant rock grab samples containing gold, found to date, came from this zone.

ALTERATION

The May Zone appears to host areas that have been affected by significant alteration processes. The rock sample in fig. 8 appears to have considerable sericite alteration. This rock sample hosts the highest gold values found to date on the property.

Altered porphyry (fig. 9) was also observed in the central area of the ring structure. The matrix of many of the samples of the porphyry found in the central area reacted to dilute hydrochloric acid.

The color anomaly on the east side of the Liv ring structure (fig.10) may be associated with an (intrusive) alteration event.

The ultramafic in the area also shows several signs of being altered. Numerous veins cut through the unit and some bleached ultramafic rocks were also observed in the area.

Figure 6

Figure 7

Figure 8

Figure 9

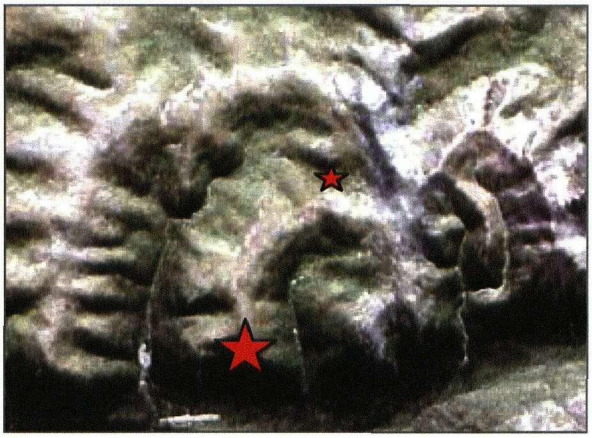


Figure 11

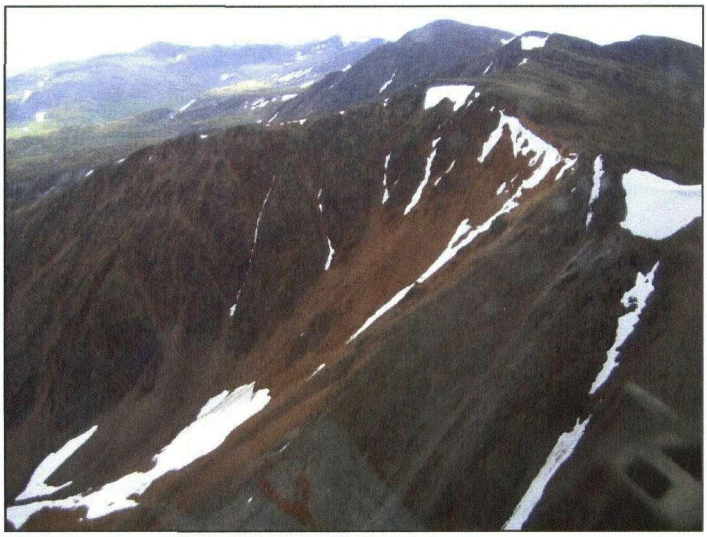


Figure 10

Figure 12

ECONOMIC GEOLOGY

Sulphide mineralization is found in most if not all rock units throughout the target area. Pyrite is the predominant sulfide mineral, with occurrences of chalcopyrite, hematite and rare occurrences of nickeline from the alteration of the eastern ultramafic unit. The most obvious mineralized sites seemed to be related to the May Fracture Zone. In the May Zone rusty quartz veins were seen carrying significant chalcopyrite and malachite.

Exploration highlights from Livingstone in 2004/2005 all come from the May Zone area (big star in fig. 11) and include: 1.8 g/t & 518 ppb Au from sericite altered grab samples of quartzite (fig. 8) and .72% Cu & 26g/t Ag from a large quartz carbonate vein (fig 12). Minor copper mineralization has been found in other locations in the target area as well (small star in fig. 11).

Soil samples results from the 2005 soil survey were not available at the time of writing and will be appended to this report in the future.

ROCK ANALYSIS

9 rock grab samples were collected from the target area on July 23, 2005.

The samples were sent to Acme Laboratories Ltd. in Vancouver, British Columbia for analysis. At Acme Labs the rocks will be crushed and sieved to -150 mesh, digested in hot HCL / HNO3 and analyzed by ICP-MS.

The assay results and location map are available in appendix "B".

SOIL ANALYSIS

Approximately 525 soil samples were collected from the target area between November 8 and November 28, 2005. The samples were collected in wet strength Kraft sample bags and air-dried at Whitehorse.

The soil samples were taken at 100 m intervals along lines that were spaced at 200m in an E-W orientation. Samples were taken in very adverse conditions and as such the quality of some of the samples may have been compromised due to the constraints of having only "one opportunity" to dig for the sample in frozen, snow covered ground. Snow depths in the area at the time of the survey were anywhere from 10 to 130 cm.

Sample sites were dug with a grub hoe and samples were taken, when available, from the "B" horizon.

The soils were sent to Acme Laboratories LTD. in Vancouver, British Columbia for analysis. At Acme labs the soils were dried and sieved to -80 mesh, digested in hot HCL/HNO3 and analyzed by ICP-MS.

The assay results were not available at the time of writing this report.

Assays and analysis will be submitted as an addendum in appendix "C" when they are received.

CONCLUSIONS and RECOMMENDATIONS

The Livingstone area has a long placer gold mining history. Hard-rock exploration in the area has not been extensive and unfortunately documentation regarding any early hard-rock exploration was lost in a fire in the 1950's. Recent exploration has found anomalous and sometimes bonanza grades of gold, copper and silver in the area.

The large circular feature at the headwaters of Livingstone Creek may be associated with a buried intrusion. All significant mineral occurrences in the area appear to be associated with a new fracture zone within the circular feature. Initial prospecting in 2004/05 identified anomalous concentrations of gold, copper and silver in rocks and soils over the circular landsat feature. The fracture zones are potentially related to a buried intrusion under the target area. Results from a late season soil sampling program should be released in January 2006. Unfortunately the quality of samples from the late season soil program may have been compromised due to the adverse weather conditions.

Additional, well planned mineral exploration surveys and mapping over the area may help to define mineralized zones.

It is recommended that an airborne geophysics survey be conducted over the Livingstone area. The survey should employ the use of equipment for recording the magnetic and radiometric attributes of the target. Detailed geological mapping should also be conducted over the ring structure area. Expanded prospecting and soil sampling programs should also be conducted as it will help to further asses the gold potential of the area.

STATEMENT OF COSTS

2005 Assessment Work Valuation for the Livingstone Property – Mik Claim Block – 105C 08

A. FIELD WORK

M. Lindsay, Party Chief – Whitehorse, Yukon
July 23, 2005; 1 day @ $400/day = $400.00

A. Mickey, Assistant – Whitehorse, Yukon
July 23, 2005; 1 day @ $200/day = $200.00

R. Baker, Assistant – Whitehorse, Yukon
July 23, 2005; 1 day @ $200/day = $200.00

Coureur Des Bois, Soil Survey Contractor – Whitehorse, Yukon
November 8-28, 2005; 91 man-days@ $325/man-day+tax = $31645.25

B. GEOCHEMICAL ANALYSIS

9 Rock Samples – July 2005 (Acme Lab) @ 17.25/sample+tax = $182.00

525 Soil Samples - November 2005 (Acme Lab) @ $14.25/sample+tax = $8931.83

C. SUPPORT COSTS

Helicopter (Trans North)(July) – 2 hours @ 975/hr (+ fuel&tax) = $2119.46

Helicopter (Trans North)(November) – 26.8 hours @ 975/hr (+ fuel&tax) = $32043.56

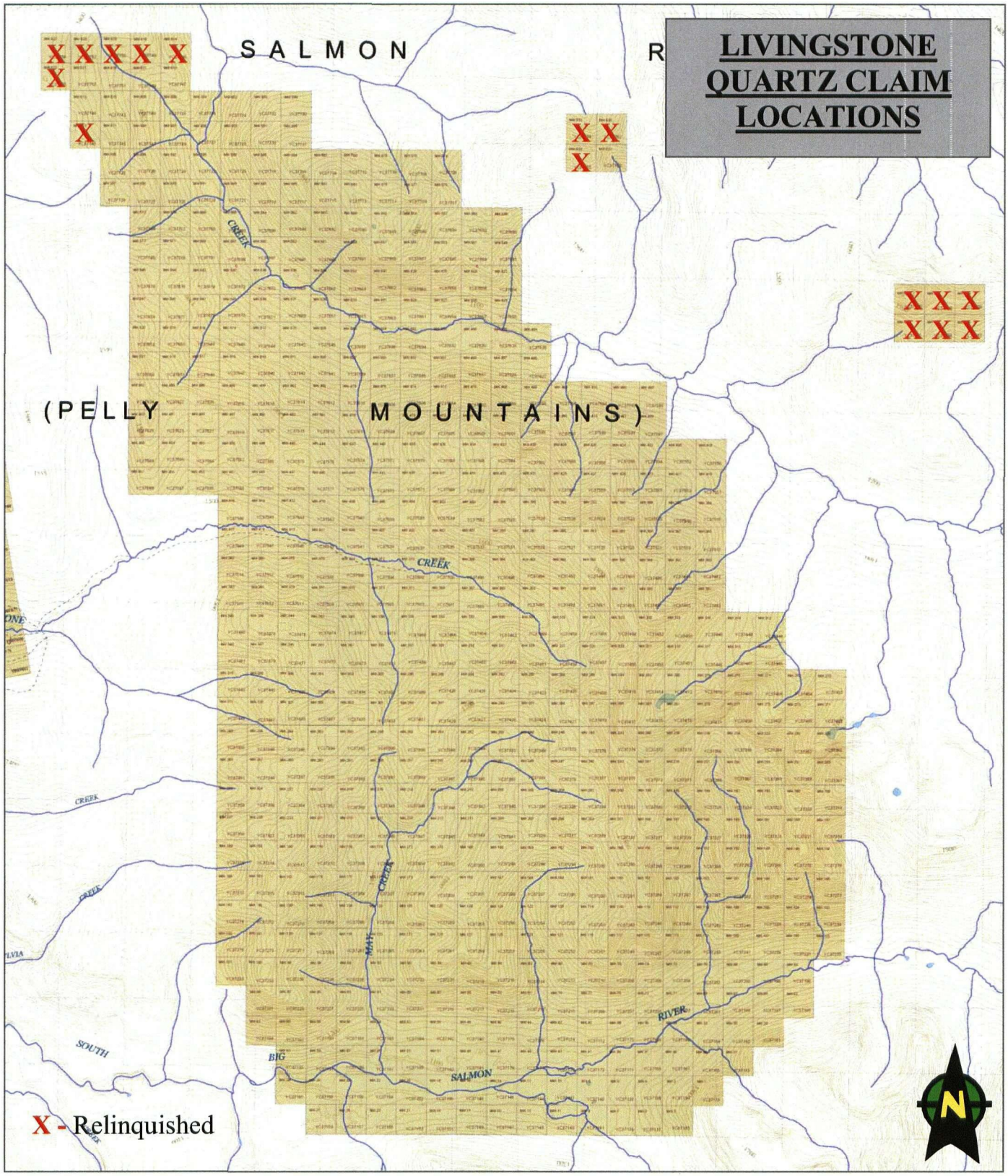
D. REPORT PREPARATION

M. Lindsay – 2.5 days @ $400/day =
$1000.00

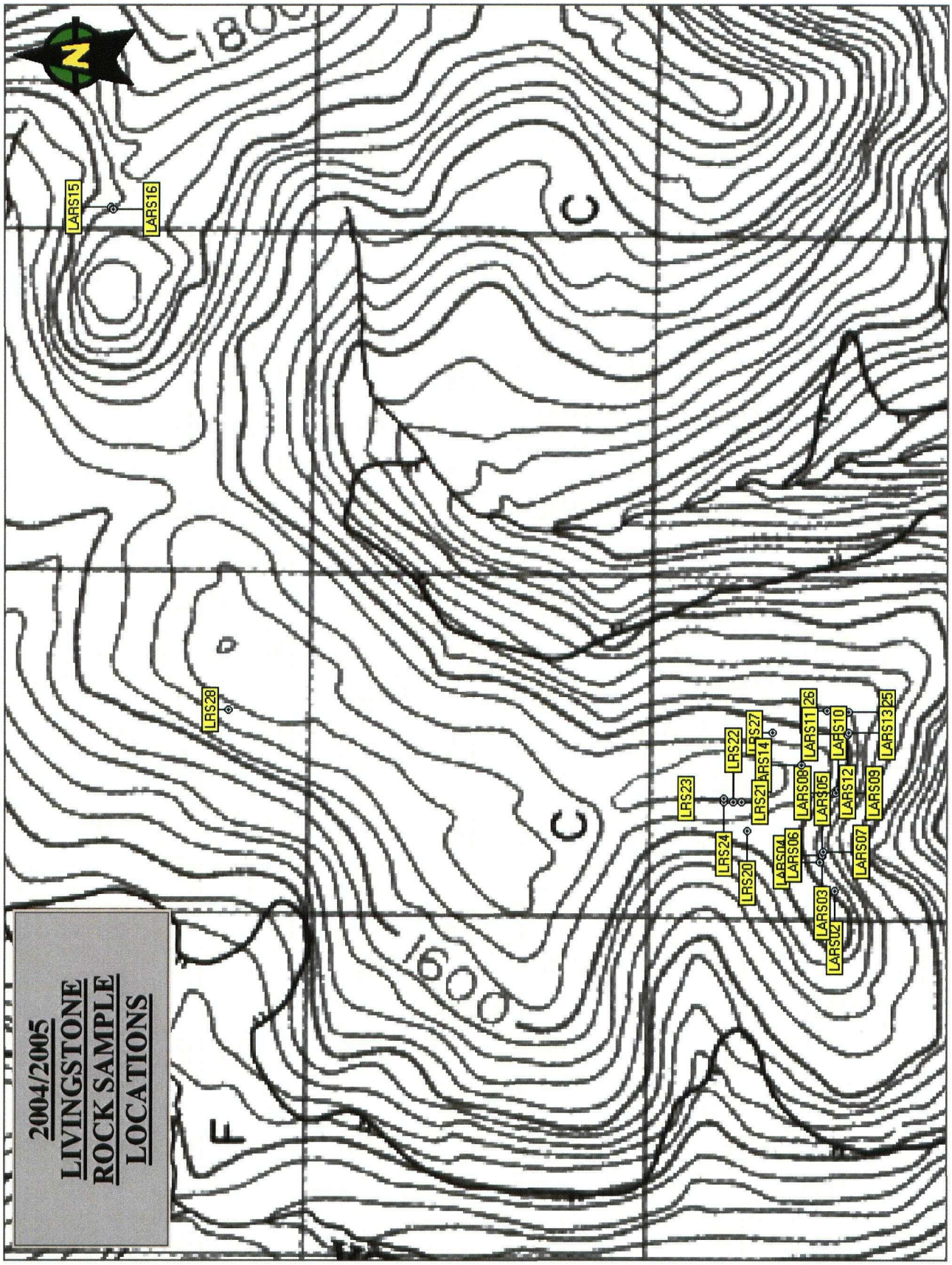
TOTAL VALUATION OF 2005 ASSESSMENT WORK = $76722.10

Mark Lindsay – Cordilleran Minerals Limited

APPENDIX "A"


LIVINGSTONE QUARTZ CLAIM LOCATIONS
SALMON
(PELLY MOUNTAINS)
CREEK
RIVER
BIG
SALMON
SOUTH
X - Relinquished
N

APPENDIX "B"


2004/2005
LIVINGSTONE
ROCK SAMPLE
LOCATIONS
N
1800
1600
C
C
D
F
LARS15
LARS16
LRS28
LRS23
LRS24
LRS20
LRS22
LRS27
LRS21
LRS14
LARS04
LARS06
LARS08
LARS11
26
LARS05
LARS10
LARS03
LARS12
LARS13
25
LARS02
LARS09
LARS07

2005 Livingstone Rock Sample Assay Results

From ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6

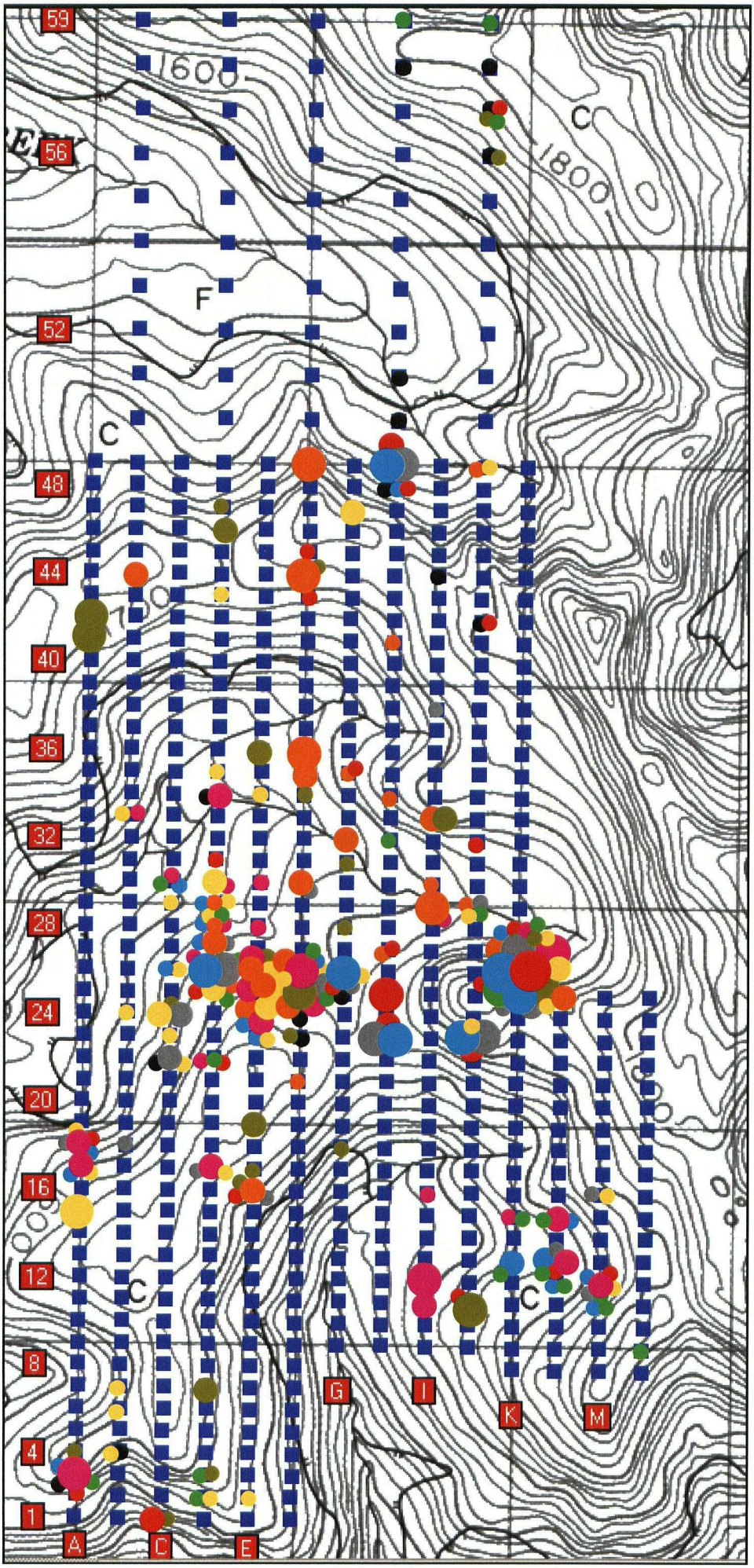
To Cordilleran Minerals

Analysis: GROUP 1DX - 30 GM SAMPLE LEACHED WITH 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 600 ML, ANALYSED BY ICP-MS.

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm
LRS-20	0.5	33.9	3.3	33	0.2	26.7	8.4	919	2.01	3	0.5	3.2	2.3	206	0.2	0.2
LRS-21	0.9	44.3	7.2	22	0.2	19.5	7.6	915	1.66	1.8	0.2	2.9	1	576	0.3	0.2
LRS-22	0.3	20.2	56.8	52	0.8	36.6	8.7	765	1.97	0.7	0.3	5.2	2.4	461	0.3	0.1
LRS-23	0.3	15.9	6.8	25	0.1	9.7	12.7	601	5.11	0.5	0.8	1.8	3.2	155	0.3	0.1
LRS-24	0.9	11.3	1.8	12	0.1	2.7	3.2	263	1.07	1.6	0.2	1.7	1.8	68	0.2	0.3
LRS-25	0.2	2.9	2.3	40	<.1	2.2	3.2	966	2.19	0.6	0.3	8.6	2.9	348	0.3	0.1
LRS-26	1.7	352.3	19.4	34	3.4	14.6	60.4	529	5.19	1.4	0.6	517.7	2.6	34	0.1	0.4
LRS-27	0.6	79.6	12	255	0.5	29.7	65.5	1296	18.43	<.5	0.5	17.5	2.3	7	<.1	0.1
LRS-28	0.3	12.8	7.8	34	0.1	2.1	3.8	678	2.14	0.8	0.4	5.3	14.5	91	0.3	0.2

ELEMENT	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc
SAMPLES	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm
LRS-20	0.3	27	2.32	0.057	8	20.3	0.92	289	0.007	2	0.37	0.094	0.05	2.9	<.01	4.5
LRS-21	0.3	13	5.94	0.028	3	21.5	0.49	368	0.009	2	0.19	0.04	0.07	3.7	<.01	3.4
LRS-22	0.8	42	3.99	0.045	6	40.4	0.78	566	0.036	1	0.62	0.049	0.33	0.1	<.01	4.7
LRS-23	0.3	27	2.88	0.052	11	5.3	0.35	37	0.029	1	0.44	0.076	0.16	2.1	<.01	2.7
LRS-24	0.3	4	0.97	0.025	7	8.3	0.14	1465	0.001	3	0.32	0.051	0.18	3.3	<.01	2.5
LRS-25	0.2	3	3.55	0.021	8	2.8	0.74	1648	0.001	2	0.07	0.039	0.01	0.3	<.01	5.6
LRS-26	2.8	58	0.79	0.065	4	17.6	1.28	56	0.01	2	1.38	0.041	0.23	2.2	0.01	7.2
LRS-27	1.1	248	0.03	0.028	2	89.8	5.48	39	0.017	<1	4.79	0.008	0.05	3.3	0.01	18.2
LRS-28	0.1	11	1.82	0.031	23	3.4	0.36	1211	0.01	1	0.28	0.118	0.04	0.3	<.01	6

ELEMENT	Tl	S	Ga	Se
SAMPLES	ppm	%	ppm	ppm
LRS-20	<.1	0.21	2	0.5
LRS-21	<.1	0.48	1	<.5
LRS-22	0.2	0.32	5	0.6
LRS-23	0.1	4.33	2	4.6
LRS-24	0.1	0.07	1	<.5
LRS-25	<.1	0.08	<1	<.5
LRS-26	0.1	2.86	5	7.3
LRS-27	<.1	4.23	31	15.9
LRS-28	<.1	0.13	1	<.5



APPENDIX "C"

Livingstone Soil Geochemical Anomaly Location

Anomaly Strength

Liv Survey 95 %tile

Liv Survey > 98 %tile

Strong Anomaly

Mo (95% - 1.4 ppm)
(100% - 7.2 ppm)
(Strong Anomaly - 10 ppm)

Cu (95% - 85 ppm)
(100% - 208 ppm)
(Strong Anomaly - 140 ppm)

Pb (95% - 39 ppm)
(100% - 2222 ppm)
(Strong Anomaly - 100 ppm)

Zn (95% - 131 ppm)
(100% - 3470 ppm)
(Strong Anomaly - 300 ppm)

Ag (95% - 0.9 ppm)
(100% - 12.5 ppm)
(Strong Anomaly – 2 ppm)

Mn (95% - 1504 ppm)
(100% - 4328 ppm)
(Strong Anomaly - 3000 ppm)

As (95% - 38 ppm)
(100% - 170.1 ppm)
(Strong Anomaly - 100 ppm)

Au (93% - 20 ppb)
(100% - 100.7 ppb)
(Strong Anomaly - 100 ppb)

Sb (95% - 1.1 ppm)
(100% - 12.2 ppm)
(Strong Anomaly - 15 ppm)

From ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE (604) 53-3158

To Cordilleran Minerals

Acme file # A600068

Analysis: GROUP 1DX - 15.00 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP-MS

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
LSA-1	1.1	23.1	11.9	53	0.1	23.5	10.7	462	2.71	28.2	0.9	3	1.1	26	0.1	0.3	0.4	51
LSA-2	1	11.5	3.4	29	0.1	11	8.5	675	1.61	3.1	0.4	2.3	0.6	22	0.1	0.1	0.1	36
LSA-3	1.3	35.5	39.8	135	0.3	23.9	15.1	886	3.07	154.8	0.7	6.9	2.7	18	2.1	2.3	0.4	41
LSA-4	1.1	35.5	14	104	0.2	25.1	16.2	1834	2.27	28	0.8	3.6	1.4	28	2	0.6	0.3	46
LSA-5	1	19.4	37.7	75	0.6	12.8	7.2	506	2.3	18.4	0.8	16.2	2.4	17	1.4	0.4	0.5	47
LSA-6	0.7	22.4	10.1	56	0.1	17.7	9.4	512	2.79	13.4	1.2	8.6	1.9	16	0.2	0.3	0.7	47
LSA-7	0.7	19.4	11.7	47	0.1	16.6	8.9	342	2.66	12.2	0.8	7.3	3.2	13	0.2	0.4	0.6	46
LSA-9	0.3	11.1	4.4	34	0.2	7.4	4.4	188	1.36	2.6	0.6	2	0.4	19	0.1	0.1	0.1	34
LSA-10	0.8	15.1	10.8	54	0.2	12.3	5.2	413	2	6.8	2.6	3.1	0.1	14	0.5	0.3	0.5	40
LSA-11	0.6	14.4	10.9	51	0.2	12.1	5.4	649	1.87	7.3	1.5	4.7	0.1	10	0.3	0.3	0.6	36
LSA-12	0.8	40.7	21	104	0.4	33.3	11.4	1263	3.35	13	1.9	8.4	0.5	23	1	0.4	0.6	62
LSA-13	0.4	59	15.7	100	0.6	31.3	12.2	883	3.52	17	1.2	9.3	2.2	34	0.5	0.4	0.3	58
LSA-14	0.5	63.2	20.4	96	0.6	45.4	16.6	1029	3.46	15	1.2	8.6	0.7	17	0.6	0.5	0.4	62
LSA-15	0.6	39.6	18.2	67	0.3	27.8	12.6	877	3.1	26.3	1.1	100.7	3.5	17	0.2	0.4	0.4	44
LSA-16	0.5	43.7	21.4	73	0.3	48.6	16.4	649	3.83	21.4	0.7	15.9	1.7	28	0.2	0.3	0.4	56
RE LSA-16	0.4	42.8	21.1	70	0.3	47.5	15.7	640	3.76	21.5	0.7	16.4	1.5	26	0.2	0.3	0.4	53
LSA-17	0.3	63.2	52.4	120	0.5	42.1	18.4	1125	4.02	50.8	1.4	42.5	6.4	23	1.4	0.5	0.4	66
LSA-18	0.5	58.5	58.5	130	1	37.2	13.8	620	3.9	62.8	1.3	25.7	4.8	30	0.4	0.7	0.4	61
LSA-19	0.7	114	17.3	104	0.8	43.2	16.9	1080	4.11	10.8	1.8	13.2	4.5	33	0.4	0.5	0.5	74
LSA-20	0.3	40.6	12.9	65	0.4	42.3	10	499	2.4	6.4	0.9	4.9	0.8	15	0.2	0.3	0.2	48
LSA-21	0.4	46	18.2	78	0.2	42.4	12.6	761	2.89	7.3	1	5.2	1.7	22	0.5	0.3	0.3	57
LSA-22	0.5	24	15	51	0.2	11.8	7	636	1.97	4.8	0.8	2.3	0.1	16	0.1	0.2	0.3	44
LSA-23	0.4	13.6	6.4	41	0.1	6.6	3.7	304	1.45	2.5	0.5	0.6	0.1	17	0.1	0.2	0.2	44
LSA-24	0.4	11	6.3	20	0.1	5.7	2.8	230	1	2.9	0.5	1.4	0.1	9	0.1	0.2	0.2	28
LSA-25	0.6	24.4	11.2	50	0.1	19.3	6.9	359	2.23	11.6	1	3.7	0.9	12	0.1	0.4	0.5	47
LSA-26	0.4	40.4	17.9	73	0.1	21.2	11.5	600	3.02	9.9	1.1	5.3	0.5	14	0.2	0.4	0.4	64
LSA-27	0.5	33.1	10.7	57	0.1	16.4	11.7	695	2.95	7.1	0.8	1.6	1.1	15	0.2	0.3	0.3	80
LSA-27A	0.7	22.1	6.1	66	0.4	13.9	6.2	588	1.16	5	5.6	3.3	0.3	34	0.2	0.3	0.2	25
LSA-28	0.5	25.4	16.8	66	0.1	17.6	8.5	464	2.59	13	0.7	4.4	0.8	9	0.2	0.4	0.5	52
LSA-29	0.7	16.6	1.9	41	0.1	12.6	3.3	260	0.92	10.5	11.6	0.5	0.2	24	0.2	0.1	0.1	19
LSA-30	0.3	13.1	2.1	60	0.1	5.8	2.2	177	0.53	4	3.8	1.3	0.1	71	1.3	0.2	0.1	14

From ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE (604) 53-3158

To Cordilleran Minerals

Acme file # A600068

Analysis: GROUP 1DX - 15.00 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP-MS

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
LSA-1	1.1	23.1	11.9	53	0.1	23.5	10.7	462	2.71	28.2	0.9	3	1.1	26	0.1	0.3	0.4	51
LSA-2	1	11.5	3.4	29	0.1	11	8.5	675	1.61	3.1	0.4	2.3	0.6	22	0.1	0.1	0.1	36
LSA-3	1.3	35.5	39.8	135	0.3	23.9	15.1	886	3.07	154.8	0.7	6.9	2.7	18	2.1	2.3	0.4	41
LSA-4	1.1	35.5	14	104	0.2	25.1	16.2	1834	2.27	28	0.8	3.6	1.4	28	2	0.6	0.3	46
LSA-5	1	19.4	37.7	75	0.6	12.8	7.2	506	2.3	18.4	0.8	16.2	2.4	17	1.4	0.4	0.5	47
LSA-6	0.7	22.4	10.1	56	0.1	17.7	9.4	512	2.79	13.4	1.2	8.6	1.9	16	0.2	0.3	0.7	47
LSA-7	0.7	19.4	11.7	47	0.1	16.6	8.9	342	2.66	12.2	0.8	7.3	3.2	13	0.2	0.4	0.6	46
LSA-9	0.3	11.1	4.4	34	0.2	7.4	4.4	188	1.36	2.6	0.6	2	0.4	19	0.1	0.1	0.1	34
LSA-10	0.8	15.1	10.8	54	0.2	12.3	5.2	413	2	6.8	2.6	3.1	0.1	14	0.5	0.3	0.5	40
LSA-11	0.6	14.4	10.9	51	0.2	12.1	5.4	649	1.87	7.3	1.5	4.7	0.1	10	0.3	0.3	0.6	36
LSA-12	0.8	40.7	21	104	0.4	33.3	11.4	1263	3.35	13	1.9	8.4	0.5	23	1	0.4	0.6	62
LSA-13	0.4	59	15.7	100	0.6	31.3	12.2	883	3.52	17	1.2	9.3	2.2	34	0.5	0.4	0.3	58
LSA-14	0.5	63.2	20.4	96	0.6	45.4	16.6	1029	3.46	15	1.2	8.6	0.7	17	0.6	0.5	0.4	62
LSA-15	0.6	39.6	18.2	67	0.3	27.8	12.6	877	3.1	26.3	1.1	100.7	3.5	17	0.2	0.4	0.4	44
LSA-16	0.5	43.7	21.4	73	0.3	48.6	16.4	649	3.83	21.4	0.7	15.9	1.7	28	0.2	0.3	0.4	56
RE LSA-16	0.4	42.8	21.1	70	0.3	47.5	15.7	640	3.76	21.5	0.7	16.4	1.5	26	0.2	0.3	0.4	53
LSA-17	0.3	63.2	52.4	120	0.5	42.1	18.4	1125	4.02	50.8	1.4	42.5	6.4	23	1.4	0.5	0.4	66
LSA-18	0.5	58.5	58.5	130	1	37.2	13.8	620	3.9	62.8	1.3	25.7	4.8	30	0.4	0.7	0.4	61
LSA-19	0.7	114	17.3	104	0.8	43.2	16.9	1080	4.11	10.8	1.8	13.2	4.5	33	0.4	0.5	0.5	74
LSA-20	0.3	40.6	12.9	65	0.4	42.3	10	499	2.4	6.4	0.9	4.9	0.8	15	0.2	0.3	0.2	48
LSA-21	0.4	46	18.2	78	0.2	42.4	12.6	761	2.89	7.3	1	5.2	1.7	22	0.5	0.3	0.3	57
LSA-22	0.5	24	15	51	0.2	11.8	7	636	1.97	4.8	0.8	2.3	0.1	16	0.1	0.2	0.3	44
LSA-23	0.4	13.6	6.4	41	0.1	6.6	3.7	304	1.45	2.5	0.5	0.6	0.1	17	0.1	0.2	0.2	44
LSA-24	0.4	11	6.3	20	0.1	5.7	2.8	230	1	2.9	0.5	1.4	0.1	9	0.1	0.2	0.2	28
LSA-25	0.6	24.4	11.2	50	0.1	19.3	6.9	359	2.23	11.6	1	3.7	0.9	12	0.1	0.4	0.5	47
LSA-26	0.4	40.4	17.9	73	0.1	21.2	11.5	600	3.02	9.9	1.1	5.3	0.5	14	0.2	0.4	0.4	64
LSA-27	0.5	33.1	10.7	57	0.1	16.4	11.7	695	2.95	7.1	0.8	1.6	1.1	15	0.2	0.3	0.3	80
LSA-27A	0.7	22.1	6.1	66	0.4	13.9	6.2	588	1.16	5	5.6	3.3	0.3	34	0.2	0.3	0.2	25
LSA-28	0.5	25.4	16.8	66	0.1	17.6	8.5	464	2.59	13	0.7	4.4	0.8	9	0.2	0.4	0.5	52
LSA-29	0.7	16.6	1.9	41	0.1	12.6	3.3	260	0.92	10.5	11.6	0.5	0.2	24	0.2	0.1	0.1	19
LSA-30	0.3	13.1	2.1	60	0.1	5.8	2.2	177	0.53	4	3.8	1.3	0.1	71	1.3	0.2	0.1	14

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
LSA-31	0.4	5	2.3	47	0.1	3.4	2	158	0.56	1.2	0.9	0.5	0.1	24	0.4	0.1	0.1	15
LSA-32	0.6	10.3	7.7	71	0.1	11.2	5.4	609	1.89	6.4	0.9	0.5	0.6	12	0.4	0.4	0.4	40
LSA-33	0.7	21.8	12.2	121	0.4	8.8	2.5	666	0.37	1.4	0.5	1.5	0.2	56	1.1	0.2	0.1	6
LSA-34	0.4	12.7	10.2	60	0.1	20.1	6.7	424	2	6.2	1.3	4.3	1.6	10	0.2	0.5	0.5	32
LSA-35	0.5	24.5	15.2	90	0.3	39.5	8.2	661	1.91	13.6	1.1	10	3.3	27	1	0.5	0.4	31
RE LSA-43	0.5	46.9	19.1	104	0.1	40.2	14.2	1015	3.29	12	0.8	7.6	4.2	12	0.2	0.4	0.3	53
LSA-36	0.6	19.4	10.5	66	0.2	17	6.4	822	1.27	5	0.9	2.7	0.5	34	1.1	0.4	0.4	19
LSA-37	0.4	26.8	11.8	90	0.1	27.4	8	559	1.96	10.5	0.8	4.9	1.4	21	0.9	0.4	0.3	37
LSA-38	0.6	55.2	3.4	115	0.2	40.8	2.7	903	0.5	3.4	0.4	3.9	0.3	84	0.9	0.4	0.1	8
LSA-39	0.7	29.7	18.2	84	0.3	42	12.9	1209	2.47	26	1	11.9	1	37	0.5	0.9	0.3	39
LSA-40	0.3	38.9	28.2	96	0.3	33.8	11.6	673	2.93	19.7	0.7	7.1	2.2	18	0.2	0.4	0.2	58
LSA-41	1	58.5	24.2	103	0.5	58.6	56.4	4328	3.55	35.8	1.9	11.3	1.7	26	0.7	0.6	0.2	50
LSA-42	0.8	77.4	2.6	113	0.6	53.7	6.2	3743	0.7	3.7	2	7.1	0.7	89	1.1	0.3	0.1	6
LSA-43	0.5	47.3	19.4	109	0.1	41.4	14.6	1089	3.33	11.7	0.9	5.5	4.2	12	0.2	0.4	0.3	58
LSA-44	0.6	27.4	11.1	75	0.1	23.8	8.7	519	2.41	6.9	1.6	3.6	3.1	14	0.1	0.4	0.5	42
LSA-45	0.4	21	9	80	0.1	15.2	7.2	753	2.3	3.8	1.8	5.9	8.4	13	0.2	0.3	0.3	23
LSB-0	0.9	18.1	7.6	51	0.1	14.3	7.4	735	1.74	7.2	0.7	2.5	1.9	14	0.5	0.3	0.4	31
LSB-1	0.4	9.4	4	26	0.1	7.2	4.3	393	1.03	2.8	0.3	1.8	0.8	7	0.3	0.2	0.2	22
LSB-2	0.2	10.7	1.2	13	0.1	3.9	2.8	434	0.66	0.7	0.2	0.5	0.1	9	0.2	0.1	0.1	15
LSB-3	0.5	39.2	1.4	10	0.2	4.6	3.8	382	0.54	0.9	0.4	2.7	0.1	66	0.2	0.2	0.1	10
LSB-4	1.3	43.5	28.5	83	0.3	35.7	15.3	1120	3.28	24.1	2.1	20.4	1.8	22	0.4	0.4	0.9	63
LSB-5	0.6	21.8	14.6	69	0.1	20	10.2	525	2.54	16.3	1.1	7.4	3.1	20	0.2	0.4	1	41
LSB-6	0.8	33.5	16.6	72	0.3	38.5	14.8	863	3.41	20	2.4	41.8	2.5	22	0.4	0.4	0.7	74
LSB-7	0.8	29	14.1	65	0.3	29.7	13.6	737	3	14.5	2.2	21.6	2.5	21	0.4	0.4	0.6	66
LSB-8	0.6	25.5	14.1	69	0.1	18.3	9.5	641	2.43	11.6	1.4	3.7	3.2	15	0.4	0.4	1.2	48
LSB-8A	0.7	22	12	68	0.1	17.8	9.1	474	2.36	10.3	2.1	8.4	3.5	12	0.3	0.4	1.1	41
LSB-9	0.2	15.1	2.3	18	0.1	3.3	3.5	75	1.15	2	0.2	2	0.1	7	0.1	0.1	0.1	36
LSB-11	0.5	72.8	17.2	91	0.4	43.7	18.4	1250	3.61	9.6	1.2	10.9	3.3	16	0.4	0.3	0.5	65
LSB-13	0.8	8.9	8.7	27	0.1	8.7	3.8	190	1.89	4.8	1.1	1.5	1.1	6	0.1	0.3	1.6	40
LSB-14	0.7	43	19.6	77	0.2	26.2	14.1	977	3.58	11.9	1	18.9	1.9	11	0.3	0.4	0.6	52
LSB-15	0.6	32.5	12	43	0.1	26.9	10.8	602	2.41	5.7	1	3.5	1.7	17	0.2	0.3	0.4	56
LSB-16	0.3	58.7	8.2	83	0.2	108	30.6	1283	4.9	8.1	1.6	7.4	8.2	22	0.2	0.4	0.1	128
LSB-17	0.3	67.7	17.8	70	0.6	17.6	11	861	2.66	9.8	1.6	13	7.8	11	0.3	0.4	0.4	38
LSB-18	0.5	79.8	25.1	87	1	17.7	13.7	908	3.62	14.5	1.4	15.3	3.6	11	0.3	0.5	0.7	44
LSB-19	0.4	46	8.8	100	0.4	132.9	28.6	1116	4.52	9	1.3	7.5	10.1	23	0.3	0.4	0.2	113

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
LSB-20	0.8	24.6	22.3	113	0.4	11.1	7.8	1297	2.1	3.7	1	4.9	2.5	18	0.8	0.2	0.2	23
LSB-21	0.5	65.1	17.5	78	0.3	28.3	13.5	616	2.99	7.1	1	9	1.8	21	0.3	0.3	0.3	59
LSB-22	0.5	36	14.5	59	0.7	15.6	7.6	589	2.04	4.5	1	5.3	0.2	16	0.1	0.3	0.3	37
LSB-23	0.4	51	28.9	96	0.3	16.3	11.8	1082	3.12	10.1	1	10.7	4.8	17	0.4	0.7	0.4	49
LSB-24	0.6	50.2	26.1	90	0.4	16.1	11.6	922	3.08	14.3	1.3	22.7	1.7	17	0.5	0.4	0.4	45
LSB-25	0.5	29.9	19.3	91	0.4	12	8.6	1083	2.27	10.4	0.8	12.9	0.5	16	0.4	0.3	0.3	32
LSB-26	0.5	25.2	18.6	57	0.5	13.5	6.3	401	2.12	11.9	1	9.8	0.3	16	0.2	0.3	0.4	35
LSB-27	0.4	14	8.1	25	0.4	6.1	4.6	578	1	3.9	0.7	6.2	0.1	13	0.2	0.1	0.1	19
LSB-28	0.4	40.6	29.4	68	0.2	16.1	10.3	814	2.65	15.9	0.8	13.5	3	12	0.4	0.4	0.4	38
LSB-29	0.4	36.7	24.9	74	0.2	23.1	10.1	628	2.77	20	0.9	11.2	3.9	12	0.3	0.4	0.5	39
LSB-30	0.4	21	17.2	56	0.2	18.7	7.6	553	1.98	13.8	2.5	4.4	0.7	13	0.3	0.4	0.4	34
LSB-31	0.1	4.3	1.5	15	0.1	2.2	2.1	65	0.56	3.7	2.1	0.5	0.3	16	0.1	0.1	0.1	10
LSB-32	0.5	41.3	29.2	110	0.6	32.1	10.7	730	2.51	20.8	3.8	11.4	1.5	39	0.7	0.5	0.6	37
LSB-33	0.8	44.6	27.4	93	0.3	30.1	13.1	643	3.46	46	1.3	27.2	0.2	18	0.6	0.8	0.5	55
LSB-34	0.4	27.7	12.4	55	0.2	163	18	558	2.41	11.2	0.8	3	0.9	19	0.3	0.3	0.4	45
LSB-35	0.3	27	12.2	56	0.2	159.4	16.6	350	2.67	12.4	3.7	7.9	1.8	20	0.1	0.4	0.4	46
LSB-36	0.4	20	12.3	63	0.2	66.2	10.3	397	1.91	12.4	1.9	7.9	1.4	19	0.5	0.3	0.4	32
LSB-37	0.1	4.1	1.5	17	0.1	2.8	3.1	98	0.85	0.6	0.2	1.5	0.1	12	0.1	0.1	0.1	26
LSB-38	0.5	20.2	23.8	92	0.1	41.8	11	578	2.23	18.3	0.9	9.4	1.3	20	0.5	0.4	0.3	33
LSB-39	0.9	34.3	19	126	0.5	34.9	9.7	685	2.77	8.3	3.6	14.1	2.9	57	0.4	0.3	0.4	35
LSB-40	1	13.2	12.8	54	0.1	15.8	5.4	419	1.97	6.8	0.8	2.7	0.2	13	0.1	0.3	0.4	37
LSB-41	0.4	13.8	8.3	55	0.1	16.9	6.3	356	1.78	3.4	1.6	8.9	4.7	19	0.1	0.2	0.3	25
LSB-42	0.4	35.3	15.3	84	0.2	53.8	14	562	2.88	5.6	2.7	3.6	3.6	22	0.2	0.3	0.8	50
LSB-43	0.6	45.4	14.7	99	0.3	48.4	15.1	635	3.39	7.9	1.4	5.6	3.8	27	0.3	0.3	0.9	65
LSB-44	0.7	121.8	12	77	0.5	52.6	9.5	741	1.87	4.1	3.8	9.7	0.9	66	0.6	0.6	0.4	27
LSB-45	0.4	32.2	12	85	0.2	52.9	16.9	827	3.12	8.3	0.9	1.5	1.1	16	0.3	0.4	0.3	62
LSB-46	0.5	20.5	12.9	57	0.1	47.4	9.6	434	2.8	11.6	1.1	7.5	1.9	10	0.1	0.4	0.4	46
RE LSB-46	0.5	20.9	12.8	55	0.1	49.6	9.8	410	2.65	11.5	1	4.9	1.8	9	0.2	0.5	0.4	48
LSB-47	0.6	23.5	24.6	72	0.1	38.9	10.4	493	2.94	6.9	0.8	0.6	1.7	8	0.2	0.4	0.4	50
LSB-48	0.7	30.6	27.2	128	0.4	18.1	9.3	840	3.47	18.3	1.4	27	4.5	11	0.2	0.6	0.3	26
LSB-49	0.5	36.3	21.6	84	0.3	76.9	13.1	1108	2.41	5	0.8	8.5	6.2	15	0.4	0.4	0.4	34
LSB-50	0.4	38	20.5	84	0.2	85.9	14.4	1185	2.74	5	0.8	8.4	6.3	14	0.3	0.4	0.3	39
LSB-51	0.4	44.5	10	77	0.2	402.2	38.7	1103	3.85	5.3	1.2	5.8	3	17	0.4	0.3	0.4	72
LSB-52	1	47.7	8.3	87	0.1	348.2	33.2	836	3.43	4.2	0.7	3.9	1.8	25	0.5	0.2	0.1	61
LSB-53	0.4	23.9	4.7	53	0.1	144.6	15.6	288	2.61	3	0.7	1	2.9	15	0.1	0.2	0.1	50

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
LSB-54	0.5	14.3	6.6	53	0.1	53.8	9.4	277	2.37	2.5	1	0.5	1.8	18	0.1	0.2	0.2	44
LSB-55	0.4	3.4	3.5	22	0.1	6.8	2.2	153	0.67	1.8	0.6	0.9	0.1	10	0.1	0.1	0.2	19
LSB-56	0.5	24.1	15.5	101	0.2	42.8	10.3	514	2.45	23.5	1.6	1.9	2.2	22	1	0.7	1.2	44
LSB-57	0.4	12.2	7.5	60	0.1	15.6	5.3	315	1.5	5.8	1	0.6	0.6	16	0.3	0.2	0.4	30
LSB-58	0.2	2	1	27	0.1	2.8	2.4	243	0.73	0.5	0.3	0.5	0.1	11	0.1	0.1	0.1	23
LSB-59	0.4	7.8	4.5	35	0.1	8.2	3	128	1.14	3.7	0.7	0.5	0.2	7	0.1	0.2	0.3	27
LSC-0	2.2	73.4	15.6	217	0.3	13.7	20.5	1555	4.1	6.5	1.5	12.6	3.3	8	3.6	0.3	0.6	63
LSC-1	2.1	76.1	14.8	224	0.4	13.7	19	1504	4.05	6.4	1.5	13.2	3	8	3.8	0.3	0.6	63
LSC-2	0.7	24.2	9.4	56	0.3	15.4	7.4	470	2.28	5.3	1.4	4.7	1.2	15	0.3	0.3	1	39
LSC-3	0.7	19.4	9.2	55	0.3	12.9	7	492	2.19	5.1	1.3	1.2	1	14	0.4	0.3	1	40
LSC-4	1.2	22.7	11.7	47	0.1	15.6	8.8	505	2.7	9.6	1.3	8.6	1.3	11	0.2	0.4	0.9	63
LSC-5	1	30.7	12.5	64	0.1	22	10.9	526	2.76	8.8	1.4	6.8	4.2	10	0.2	0.4	1	42
LSC-6	0.8	12.2	9.5	37	0.1	13	5.1	234	2.16	6.1	1	3.9	1.2	11	0.2	0.3	0.6	51
LSC-6A	0.7	19.2	12.1	46	0.2	12.2	6.2	263	2.11	7.5	1.1	4.4	1.1	10	0.2	0.3	0.7	42
LSC-7	0.9	10.9	10.6	32	0.1	10.1	3.9	222	1.76	5.3	1	5.3	1.3	10	0.1	0.4	0.5	48
LSC-8	0.8	9.8	9.7	29	0.1	9.3	3.7	198	1.6	4.8	0.8	6.1	1.2	9	0.1	0.4	0.5	46
LSC-9	0.7	19.6	12.4	56	0.4	14.3	6.2	295	2.05	5.7	1.4	2.9	2.3	10	0.3	0.4	0.8	36
LSC-10	0.4	22.5	10.4	46	0.1	19.4	7.5	375	1.96	7.9	2.1	11.4	2.7	9	0.2	0.3	0.7	35
LSC-11	0.6	22.2	10.9	53	0.2	15.6	7.1	355	2.29	7.1	2	2.6	1.9	12	0.2	0.3	0.8	44
LSC-12	0.8	12.6	9.1	33	0.1	11.3	5.3	227	2.05	5.2	1.7	1.1	1.4	9	0.1	0.3	0.7	49
LSC-13	0.7	34.7	10.1	50	0.2	16.4	8.2	406	2.43	6.9	1.5	4.1	0.7	10	0.2	0.4	1	49
LSC-14	0.5	71.2	13.3	70	0.5	20.9	12	715	3	10.6	1.3	12.2	3.8	16	0.2	0.4	0.5	60
LSC-15	0.7	21.8	10.3	31	0.2	8.6	5.2	247	1.84	6.2	1	3.7	0.3	9	0.2	0.4	0.6	40
LSC-16	0.4	9.7	10	38	0.1	9.7	3.9	196	1.46	3.7	1.8	2.5	2.5	8	0.2	0.3	0.6	25
LSC-17	0.6	17.9	5.7	21	0.4	6.2	3.5	130	1.19	3.2	0.9	7.3	0.1	10	0.2	0.2	0.2	28
LSC-18	0.5	30.8	22	93	0.2	12.5	9.3	921	2.78	12	1.6	10.4	3.8	18	0.3	0.3	0.4	34
LSC-19	0.6	43.5	16.8	89	0.3	13.8	10.9	794	3.09	6.4	1.4	9.6	1.2	18	0.2	0.3	0.5	49
LSC-20	0.7	13.1	5.3	58	0.2	9.1	9.6	685	2.42	2.9	0.9	0.5	1.3	13	0.1	0.2	0.2	36
LSC-21	0.3	26	13.2	77	0.1	7.3	9.6	711	2.89	6.9	0.7	2.6	4.7	15	0.1	0.2	0.2	47
LSC-22	1.6	25.5	26.6	36	1.8	4.9	3.7	235	1.75	5.1	0.9	26.9	0.8	12	0.1	0.2	0.2	27
LSC-23	0.4	49	24	73	0.4	10.1	8	1070	2.68	6.3	1.8	21.7	4.8	22	0.2	0.3	0.3	30
LSC-24	1.7	81.2	22.3	88	1.8	18.5	9.9	1865	3.31	14.9	1.1	88.2	2.8	20	0.7	0.3	2.1	27
LSC-25	0.7	28.4	19.6	92	0.4	9	7.8	754	2.64	5.5	1.2	5.7	6.7	13	0.3	0.3	0.2	35
LSC-26	0.4	46.7	39.9	88	0.3	16.2	13.1	568	2.89	11.7	1	6.2	2.8	14	0.4	0.5	0.4	59
RE LSC-26	0.5	46.8	40.5	89	0.4	15.9	13.3	575	2.92	11.9	1	29.3	2.7	14	0.4	0.4	0.4	60

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
LSC-27	0.4	48.1	37.5	90	0.4	20.2	11.7	802	2.82	21.1	0.9	8.2	4.1	19	0.6	0.6	0.5	47
LSC-28	0.5	38.3	38.9	95	0.6	21	10.6	532	2.8	26.5	1.3	12.4	1.2	18	0.4	0.6	0.5	49
LSC-29	0.4	45.1	31.4	85	0.5	15.1	10.2	417	3.07	19.3	0.8	20.3	2.7	19	0.4	0.5	0.3	54
LSC-30	0.7	66.4	46.1	94	0.8	66.4	15.4	774	3.08	43.3	0.9	16.4	2.5	19	0.7	1	0.7	54
LSC-31	0.8	19.3	9	60	0.1	14	7.5	1291	1.78	10.7	0.8	1.5	0.2	22	0.5	0.3	0.4	36
LSC-32	0.6	27.8	10.7	44	0.1	27.1	8.1	302	2.47	17.1	0.9	7.8	0.2	21	0.1	0.6	0.4	55
LSC-33	1	21.3	15.1	38	0.1	15.2	5.6	240	2.46	17.8	0.6	4.7	0.9	13	0.1	0.7	0.4	74
LSC-34	0.3	31.5	18.1	66	0.4	108	14	325	2.44	18.7	1.1	16.4	3.7	23	0.3	0.6	0.5	43
LSC-35	0.3	36.2	14.3	55	0.2	220.4	19.4	335	2.85	13.4	1.8	15.7	1.8	29	0.3	0.3	0.3	52
LSC-36	0.7	23.9	5.4	38	0.2	47.1	5.3	1145	0.98	6.8	3.9	3.6	0.3	23	0.5	0.3	0.2	19
LSC-37	0.5	22.8	11.1	64	0.2	97.2	14.6	853	2.31	6.8	8.1	4.7	1.6	19	0.3	0.3	0.4	45
LSC-38	0.3	37.2	10.6	69	0.2	269.4	25.2	712	3	7.8	2.5	2.8	1.9	21	0.2	0.3	0.5	64
LSC-39	0.3	7.9	2.3	25	0.1	7.9	3.3	658	1.05	2.8	0.5	0.5	0.2	18	0.1	0.1	0.1	16
LSC-40	0.8	17.2	16.5	58	0.1	35.6	8.9	714	2.38	9.2	1.6	1.9	0.7	19	0.2	0.4	0.8	49
LSC-41	0.4	28.8	22.7	64	0.2	111.2	16	572	2.71	12	1.1	5	6.1	13	0.2	0.4	0.5	43
LSC-42	0.9	22	21	68	0.6	42.3	7.9	622	2.21	7.1	1.9	4.5	0.9	19	0.3	0.5	0.6	35
LSC-43	1	32.3	18.2	87	0.4	90.3	12.3	716	2.73	13.6	2.1	6.4	3.4	29	0.5	0.5	0.6	39
LSC-44	0.6	25.5	12.9	66	0.1	70.4	12.5	581	2.91	8.6	0.8	2.9	1.8	13	0.1	0.4	0.4	56
LSC-45	1.9	15.5	11.8	34	0.4	44.2	8.2	562	1.93	7.5	1.3	1.5	0.4	16	0.1	0.5	0.5	50
LSC-46	0.6	23	20.5	65	0.1	98.7	15.1	582	2.61	10.9	1.1	2.8	2.8	12	0.2	0.5	0.4	52
LSC-47	0.7	13.1	6.4	60	0.2	19.9	6.4	437	1.9	2.2	0.7	0.5	0.3	16	0.2	0.2	0.2	34
LSC-48	1.1	80.4	17.4	69	0.7	74.7	8.5	1211	1.87	3.4	2.2	5.5	1.3	58	0.5	0.5	0.4	26
LSD-1	0.6	24.5	7.1	67	0.1	17.4	10.9	721	2.39	3.9	1.5	5.7	1.9	35	0.2	0.2	0.6	53
LSD-2	1.3	25.2	34.8	66	0.2	9.1	7.6	1478	2.22	23.1	1.4	32.3	0.4	28	1.3	0.3	0.6	29
LSD-3	1.7	20.2	8.9	50	0.5	17.4	8.1	1802	2.01	7.8	1.3	17	0.3	32	0.8	0.3	0.4	35
LSD-4	0.6	17.6	10.6	41	0.2	13.1	7.3	331	2.16	8.3	1	9.5	1.5	10	0.2	0.3	0.6	47
LSD-5	0.7	12.4	7.7	32	0.1	10	6.1	295	1.9	4.7	1	5	1.2	10	0.1	0.3	0.6	54
LSD-6	0.6	12.9	1.8	96	0.4	4.4	2.4	421	0.41	2.5	0.8	6.6	0.1	79	3.1	0.1	0.2	7
LSD-7	0.9	41.6	13.7	59	0.6	15.7	11.3	2717	2.39	7.9	3.7	13.3	0.7	35	0.4	0.3	0.8	39
LSD-8	0.5	5.7	2.7	35	0.3	3.9	2.1	405	0.58	1	0.4	0.5	0.1	12	0.4	0.1	0.2	15
LSD-9	1.5	26.1	14.2	45	0.2	10.9	6.1	767	2.9	7	4.9	6.9	1.4	9	0.1	0.4	0.8	57
LSD-10	0.6	17	7.1	35	0.2	10.8	5.8	208	1.8	4	0.9	0.9	2	12	0.3	0.3	0.7	47
RE LSD-10	0.6	16.8	6.8	35	0.1	10.8	5.9	204	1.76	4	1.1	0.5	2	12	0.2	0.3	1	46
LSD-11	0.4	31.9	7.7	52	0.2	19.1	9.1	411	2.24	8.8	1.4	10.2	1.7	12	0.2	0.4	1.2	53
LSD-12	0.7	23.4	10.2	106	0.1	14.2	8.3	760	2.3	6.2	2.6	4.6	0.8	27	0.6	0.3	0.8	37

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
LSD-13	0.7	16.7	9	51	0.1	11.9	6.7	530	2.05	4.6	1.6	2.1	0.6	18	0.2	0.3	0.9	44
LSD-14	0.6	30.5	10.6	56	0.3	17.5	10.7	541	2.61	5.6	1.1	5.9	1.6	17	0.2	0.4	0.9	53
LSD-15	0.6	35	10.5	59	0.2	14.1	7.2	548	2.54	8	1.4	1.3	1.7	10	0.2	0.5	0.9	49
LSD-16	1	49.5	14	53	0.7	15.7	8	718	2.07	9.3	1.6	11.9	0.6	38	0.5	0.4	0.5	43
LSD-17	0.8	79.4	21.4	94	0.9	24.9	16.5	1146	3.73	64.2	2.3	24.9	1.8	33	0.3	0.6	1.1	69
LSD-18	0.7	77.7	15.6	76	0.6	21.9	13.6	1067	3.11	25.3	3	10.1	1.1	41	0.7	0.5	0.9	62
LSD-19	0.4	34.8	8.8	44	0.2	19.7	9.9	447	2.2	7	1.6	2.3	1.6	16	0.1	0.5	0.7	50
LSD-20	0.7	11.6	11	48	0.1	12.7	5.5	275	1.93	5.6	1.8	1.3	1.1	37	0.2	0.4	1	42
LSD-21	0.5	25.6	11.5	59	0.1	9.6	7.8	393	2.56	12	1	5.8	2.3	12	0.2	0.4	0.4	40
LSD-22	0.8	21	10.3	47	0.1	15.7	7.1	381	2.18	6.3	1.3	4.7	1.3	15	0.2	0.4	0.4	49
LSD-23	1	25.3	12.3	50	0.3	11.1	6.3	478	2.38	9.2	1.3	8.1	1	12	0.3	0.4	0.5	46
LSD-24	0.4	62.3	12.2	30	0.7	5.4	4	260	1.04	4.9	1.6	6.5	0.5	20	0.1	0.2	0.2	21
LSD-25	0.5	57	27	147	0.8	16.2	13.1	900	4.29	43.3	1.7	14.8	4.1	23	0.4	1.2	0.3	57
LSD-26	0.8	85.5	350.5	171	2.7	12.1	9.5	1052	2.94	46.8	1.8	55.4	0.6	41	2.7	1.2	0.7	41
LSD-27	0.8	106	40.4	86	0.9	17.9	12.3	1161	2.89	28.8	1.2	12.1	0.9	35	1.8	0.9	0.3	54
LSD-28	0.3	92.2	68.6	88	0.6	22.3	14.3	669	3.31	38	0.7	30.8	2.4	21	0.6	1.1	0.6	63
LSD-29	0.4	97.9	46.4	101	0.7	29.8	17.6	772	3.95	32.1	1	26	2.4	22	0.3	1	0.7	88
LSD-30	0.3	66.1	28.9	68	0.5	42.2	13.7	609	2.95	44.9	0.7	70.2	3.3	17	0.4	0.9	0.6	61
LSD-32	0.5	43.6	16.4	165	0.5	64.7	14.8	393	3.77	28	5.5	10.9	1.9	33	0.5	0.7	0.6	74
LSD-33	0.2	24	13.2	86	0.4	38.7	8.1	220	1.9	6.7	6.4	9.5	1.3	19	0.2	0.4	0.8	43
LSD-34	2	26.6	10.6	83	0.3	52.1	12.2	370	3.72	73.7	4.8	7.4	2.9	17	0.5	0.5	0.5	59
LSD-35	0.3	52.1	15.6	75	0.3	128.1	18.6	661	3.16	35.4	1.1	20.1	4.4	21	0.5	0.8	0.6	61
LSD-36	0.3	26.7	9.4	51	0.1	127.8	16.5	423	2.69	14	1.3	1.6	3.3	16	0.2	0.4	0.6	50
LSD-37	0.4	35.2	12.5	119	0.4	136	15.8	1358	2.64	13.1	9	4.6	1.8	28	0.7	0.4	0.6	46
LSD-38	0.8	49.1	14.2	88	0.3	160.4	18.3	792	3.23	21.9	30.7	6.1	1.9	37	0.5	0.7	0.8	57
LSD-39	0.5	30.5	11.7	65	0.2	174.7	20.4	579	3.16	9.6	3.3	3.5	1.6	16	0.2	0.3	0.8	62
LSD-40	0.5	39.5	9.3	77	0.6	428.5	24.7	820	2.7	8.6	10.3	4.6	1.1	29	0.4	0.4	0.3	53
LSD-41	0.7	46.5	7.6	104	0.6	289.2	16.3	1241	1.71	4.1	1.5	10.9	0.5	53	2.1	0.7	0.2	28
RE LSD-40	0.5	41	9.5	77	0.6	423.7	24.3	834	2.73	8.3	9.7	5.7	1.1	28	0.5	0.4	0.3	52
LSD-42	0.3	38.3	10.3	65	0.2	358	28.1	456	3.05	7.9	1.2	10.6	2.5	13	0.2	0.4	0.4	61
LSD-43	0.6	27.3	11.3	76	0.1	258.7	26.7	611	3.03	31.9	1.1	20.8	1.5	12	0.4	0.4	0.4	56
LSD-44	0.2	31.3	11.1	54	0.1	349.3	33.3	567	3.28	8.4	0.4	1.2	1.1	9	0.3	0.4	0.2	62
LSD-45	0.3	28.6	10.1	61	0.1	332.4	38.1	652	3.24	7.4	0.3	2.6	0.8	10	0.3	0.3	0.1	64
LSD-46	1	14.3	10.3	43	0.1	60	27.5	2467	2.05	4	1.1	1	0.4	18	0.3	0.4	0.4	47
LSD-47	1.1	10.5	6.1	55	0.2	45.6	44	2043	1.12	2.9	0.9	0.5	0.1	28	0.6	0.3	0.2	36

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
LSD-48	0.6	17.1	11.2	39	0.1	138	31.3	853	2.86	7.1	0.4	2.5	0.3	13	0.2	0.4	0.2	63
LSD-49	0.4	31.6	15	89	0.1	80.6	17.8	1008	4.27	17.5	2.2	16.1	5.1	31	0.2	1	0.2	27
LSD-50	0.5	34.6	15.1	98	0.1	88.4	18.6	1117	4.51	18.8	2.2	12.1	5.2	28	0.2	1	0.4	29
LSD-51	0.6	64.9	3	99	0.2	567.6	12.6	1279	1.13	2.6	0.4	4.2	0.2	65	0.8	0.5	0.1	18
LSD-52	0.5	44.3	6.1	91	0.1	260.8	28.3	655	3.91	2.9	0.6	4.4	2.8	16	0.2	0.3	0.2	76
LSD-53	0.1	5.1	1.1	21	0.1	7.5	1.8	56	0.49	0.5	0.2	0.5	0.2	11	0.1	0.1	0.1	14
LSD-54	0.9	20	6.8	95	0.1	130.1	19.2	383	2.95	2.7	2.3	1.7	3.9	15	0.2	0.2	0.2	65
LSD-55	0.3	3.6	1.7	28	0.1	3.1	3.3	220	0.75	0.5	0.5	0.7	<.1	12	0.1	0.1	0.1	20
LSD-56	0.9	15.2	1.9	123	0.1	18.8	1.4	483	0.17	2.1	6.6	0.5	0.1	94	1	0.6	0.1	4
LSD-57	1.2	21.2	6.8	79	0.1	118.5	10.9	454	1.72	6.5	1.4	2.7	1	28	0.4	0.3	0.5	32
LSD-58	0.5	20.3	6.4	77	0.1	36.7	6.3	213	1.67	6	2.4	2.2	1.7	32	0.3	0.4	0.5	31
LSD-59	0.8	14.6	7.6	84	0.2	27.6	6.7	435	1.56	6.2	1.5	1.9	0.5	25	0.5	0.3	0.4	28
LSE-1	0.9	9.6	9.1	76	0.1	11.3	4.8	378	1.45	4.9	0.5	2.1	0.6	9	0.2	0.4	0.5	49
LSE-2	0.7	14.2	6.1	74	0.3	7.2	4.4	1396	1.56	6.3	0.8	28	0.5	21	0.3	0.2	0.3	26
LSE-3	0.7	17	7.8	48	0.1	13.9	6.4	306	1.85	5.5	1.6	6.7	1.1	15	0.1	0.3	0.6	39
LSE-4	0.6	23.7	10.1	77	0.2	15.5	7	362	2.22	9.7	1.1	5.1	0.8	14	0.3	0.3	0.9	51
LSE-5	0.8	22.5	7.8	57	0.1	13	6.4	678	1.87	4.5	1.7	2.4	0.4	18	0.6	0.3	0.5	44
LSE-6	0.4	28.5	7.1	46	0.1	19.4	9.2	385	2.13	5	1.3	2.5	3.1	11	0.2	0.3	0.8	51
LSE-7	0.6	36.4	11.1	64	0.1	26	11.5	662	2.89	9.6	1.5	2.8	1.5	23	0.2	0.3	0.6	79
RE LSE-7	0.6	37.2	11.3	67	0.2	27.1	11.5	683	3	9.8	1.5	2.5	1.5	24	0.2	0.3	0.7	81
LSE-8	0.4	17.2	6.8	37	0.1	12.5	6.2	356	1.6	3.7	1	1.3	1.5	15	0.1	0.2	0.5	40
LSE-9	0.6	16.7	9.5	107	0.1	13.2	7.2	508	2.04	5.8	1.9	2.6	1	17	0.3	0.3	0.8	34
LSE-10	0.5	17.2	7.2	52	0.1	13.1	6.8	268	2.25	6.1	1.3	1.6	3.5	13	0.2	0.3	1.2	45
LSE-11	0.9	37.3	5.3	86	0.4	13	5.1	675	1.22	2.8	1.1	3.2	0.4	59	1.1	0.3	0.4	21
LSE-12	0.6	30.4	9.8	69	0.5	18.8	10	393	2.43	6.5	1.6	3	2.3	21	0.2	0.4	1	47
LSE-13	1	55	13.4	105	0.5	22.8	12	939	3.4	17.9	2.5	6.5	2.8	24	0.5	0.6	1	56
LSE-14	0.5	76	12.6	93	0.4	20.6	11.5	719	2.85	10	2.8	6	2.4	24	0.3	0.5	1.2	57
LSE-15	1	23.4	10.5	82	0.1	19.6	9.5	447	2.5	6.1	1.6	1.6	0.8	21	0.2	0.4	1.5	49
LSE-16	0.9	137.6	74.9	132	1	35.8	18.2	1638	3.89	11.9	6	7.5	1.2	33	0.5	0.6	1.4	76
LSE-17	1.2	79.1	16.1	105	0.8	20.5	15	1811	2.5	4.5	2.2	2.6	0.4	52	0.8	0.3	0.4	42
LSE-18	0.7	12.8	9.1	69	0.1	14.7	5.8	289	1.86	5.9	1.8	1.9	0.5	32	0.2	0.4	0.7	42
LSE-19	0.7	22.8	9.4	66	0.2	14.1	8.4	2231	1.83	8.1	0.8	1.2	0.3	15	0.4	0.4	0.5	43
LSE-20	1.1	17.1	9.2	77	0.1	19.9	7.4	511	2.54	3.1	2.1	0.9	0.8	28	0.2	0.3	0.9	56
LSE-21	0.8	15.8	10.7	34	0.5	9.6	4	310	1.57	3.6	2.4	1.5	0.2	23	0.1	0.3	1.3	35
LSE-22	0.4	45.1	28	82	0.3	20.7	12.3	619	2.99	12.4	1.6	8.9	2.1	34	0.3	0.5	0.8	63

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
LSE-23	0.9	64.4	48.5	83	0.5	11.8	9	732	2.34	36.7	0.9	24.3	0.3	33	0.4	0.7	0.4	47
LSE-24	0.4	116.2	44.2	89	0.6	27.7	18.1	1036	4.04	53.6	0.9	67.2	2.9	36	0.5	1	0.8	84
LSE-25	0.5	131.3	35.6	100	0.8	34.6	21.8	1114	4.58	62.6	0.5	57.4	2.2	29	0.6	0.9	0.7	97
LSE-26	0.4	117	34.3	85	0.7	32	20.4	2648	4.08	52.6	0.7	61.7	2.8	27	0.5	1	0.6	84
LSE-27	1.2	38.3	21.2	92	0.3	17.4	12.1	731	3.6	27	0.6	7.1	0.7	25	0.6	0.6	0.2	68
LSE-28	0.9	55	25	74	0.4	41.6	14.4	653	3.57	45.3	0.8	17.9	0.9	16	0.5	0.9	0.4	69
LSE-29	0.4	25	10.9	40	0.2	21.5	7	299	1.72	18.3	0.5	7.1	0.4	13	0.2	0.4	0.2	37
LSE-30	0.7	61.1	22.2	75	0.5	35.8	18.5	676	4.26	48.3	0.7	18.7	1	12	0.3	1	0.2	79
LSE-31	0.5	19.8	9.4	74	0.1	26.6	10.9	708	2.55	16.3	1.2	3.8	0.4	17	0.5	0.5	0.4	50
LSE-32	0.7	17.3	8	69	0.3	24	9.3	1101	1.8	15.2	2.2	2.2	0.1	17	0.6	0.3	0.3	40
LSE-33	0.2	56.4	11.2	78	0.3	277.9	23.7	505	2.73	14.1	1.8	6	2.7	14	0.3	0.4	0.3	50
LSE-34	0.3	43.5	14.3	60	0.2	207.1	23	619	2.92	18.2	0.8	28.5	3.8	23	0.4	0.6	0.5	51
LSE-35	0.3	38.9	18.6	70	0.2	192.5	21.1	615	3.14	18.8	1.6	5.8	2.4	15	0.3	0.6	0.7	59
LSE-36	1.1	38.5	4	80	0.3	127	6.7	2293	0.92	6.1	36.1	5	0.4	61	1.5	1	0.3	11
LSE-37	0.8	32.9	6.1	87	0.2	185	13.6	1141	1.63	4.7	3.3	1.2	0.5	30	1.2	0.4	0.3	29
RE LSE-39	0.3	6.3	1.2	19	0.1	22.5	2.9	258	0.63	0.7	0.4	0.5	0.1	10	0.1	0.1	0.1	17
LSE-38	0.4	36.8	10.3	83	0.3	263.5	20.2	555	2.71	8.9	3.1	2.8	2.4	16	0.3	0.3	0.6	52
LSE-39	0.2	6.5	1.3	20	0.1	23.3	2.9	272	0.63	0.6	0.4	0.5	0.1	10	0.2	0.1	0.1	16
LSE-40	0.3	25.4	9.1	54	0.1	280	24.6	449	2.77	7.6	0.9	1.8	1.3	11	0.2	0.3	0.4	58
LSE-41	0.5	45.9	13.5	86	0.2	327.3	31.6	850	3.16	8.3	1.4	4.8	1.5	15	0.4	0.3	0.3	62
LSE-42	0.5	22.8	11.3	55	0.1	320.5	30.7	667	3.06	7.4	1.1	1.2	0.7	13	0.2	0.4	0.4	66
LSE-43	0.4	29.9	10.4	78	0.1	226.8	27.9	699	3.56	9.9	0.9	1.5	1.6	14	0.2	0.4	0.4	65
LSE-44	0.8	17.6	10	68	0.2	112.5	21.5	1632	2.47	6.4	1.4	0.7	0.2	13	0.3	0.5	0.4	53
LSE-45	0.3	33.5	9	63	0.1	163.8	19.3	589	3.26	8.2	0.5	1.6	0.7	10	0.2	0.3	0.2	53
LSE-46	0.3	40.8	10	68	0.1	196.8	22.6	584	3.31	8.6	1.2	2	2.6	15	0.1	0.4	0.2	59
LSE-47	0.6	37.9	18	88	0.2	159.9	21.2	1025	4.2	16.1	1.4	15.3	3.1	19	0.2	0.6	0.3	54
LSE-48	0.4	35.5	13	71	0.1	262.4	28	640	3.34	19.8	0.9	3.7	1.8	12	0.2	0.4	0.4	67
LSF-1	0.3	9	5.3	27	0.1	9.8	5.5	173	1.33	2.3	0.3	0.5	1	12	0.1	0.2	0.4	34
LSF-2	0.2	17.4	4.2	29	0.2	7.3	6.7	448	0.93	1	0.4	0.5	0.2	11	0.2	0.1	0.1	24
LSF-3	0.1	1.9	1.3	20	0.1	1.3	1.6	71	0.41	0.5	0.1	0.5	0.1	6	0.1	0.1	0.1	13
LSF-4	0.1	4.2	1.5	15	0.1	2.1	1.6	47	0.44	0.5	0.3	0.5	0.1	6	0.1	0.1	0.1	12
LSF-5	0.4	16.1	7.1	46	0.1	20.2	11.6	671	1.83	3.3	0.6	0.5	1.5	9	0.1	0.2	0.5	49
LSF-6	0.4	57	22.4	74	0.2	44.4	16.5	551	3.16	2.6	0.9	0.5	1.2	18	0.1	0.2	0.9	106
LSF-7	0.3	13.2	6.4	57	0.1	13.7	6.3	268	1.64	3.1	0.7	0.5	0.7	9	0.3	0.2	0.4	41
LSF-8	0.3	5.1	2.1	18	0.1	2.8	2.7	426	0.68	1.3	0.4	0.5	0.1	6	0.1	0.1	0.1	17

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
LSF-9	0.6	11.7	5.3	38	0.1	6.4	2.8	138	1.24	4	0.5	0.5	1.2	9	0.2	0.2	0.5	36
LSF-10	0.9	22.2	11.1	74	0.1	25.3	9.8	532	2.12	7.1	1.9	0.5	3	12	0.5	0.4	0.9	42
LSF-11	0.5	8.9	3.9	39	0.1	8.4	3.1	113	1.09	4.2	0.6	0.5	0.3	7	0.2	0.2	0.4	23
LSF-12	0.5	23.8	12.2	81	0.2	45.4	8.5	375	1.77	19.8	2.1	2.4	2.5	32	0.6	0.6	0.6	30
LSF-13	1	14.7	6.3	58	0.1	16.6	5.1	153	1.65	4.6	1.1	0.5	2	8	0.2	0.4	0.5	28
LSF-14	0.9	17.8	10.4	81	0.1	23.8	9.2	539	2.03	7.7	1.6	0.5	5.1	10	0.3	0.5	0.8	34
LSF-15	0.2	2.9	1.6	13	0.3	1.6	1.5	101	0.43	0.6	0.4	0.5	0.1	7	0.1	0.1	0.1	13
LSF-16	0.6	19.3	8.4	60	0.4	17.1	6.8	372	1.95	18.6	1.3	1.8	0.6	20	0.1	0.3	0.5	44
LSF-17	0.3	3.3	2.8	19	0.2	2.4	1.8	177	0.59	1.6	0.3	0.5	0.1	9	0.2	0.1	0.1	17
LSF-18	0.4	25.4	6.6	95	0.4	16	5.2	308	1.5	13.8	2.4	10.7	0.5	40	0.7	0.3	0.5	27
LSF-19	0.6	16.9	5	53	0.4	10.8	4.7	401	1.21	4.3	1.7	1.7	0.2	32	0.7	0.2	0.4	28
LSF-20	0.3	13.4	5.2	41	0.1	7.6	4.1	166	1.27	3.8	1.2	1.1	0.6	15	0.2	0.2	0.7	28
LSF-21	0.5	87.4	39	98	0.8	45.8	18.4	777	3.55	23.7	2.1	15.5	1.1	44	0.7	0.6	0.9	99
LSF-22	0.5	34.6	4.5	51	0.4	14.7	6.6	195	1.25	9.7	1.2	12.4	0.4	47	0.8	0.5	0.4	27
LSF-23	1.5	14.5	5.3	54	0.3	8.1	8.1	1815	1.05	3.9	3.8	1.2	0.1	18	1.7	0.4	0.5	26
LSF-24	7.2	13.5	7.2	77	0.2	12	5.1	1013	2.25	4.3	3.1	1.7	2.3	19	0.2	0.3	0.8	43
LSF-25	1.2	124.8	31.2	80	1.3	31.3	24.4	3254	2.88	88.6	3.7	21.8	0.9	27	0.6	1.4	0.9	46
LSF-26	1.1	112	46.8	120	1.3	35.9	19.8	732	4.41	170.1	2.5	79.3	2.7	27	0.6	1.6	0.8	84
LSF-27	0.5	35.9	7.6	53	0.2	7.6	3.9	386	0.74	8.8	0.4	4.5	0.2	65	0.7	0.3	0.1	15
LSF-28	0.3	46.8	15.2	83	0.1	30.7	12.9	619	3.12	8.1	1.3	6.8	5.8	24	0.5	0.3	0.5	45
LSF-29	0.5	59.4	16.6	90	0.4	30.3	11.3	570	3.24	9.7	0.9	16.4	3.3	29	0.2	0.4	0.3	50
LSF-30	0.7	101.7	20.7	95	1	73	13.9	1114	3.02	17.1	1.7	9.4	1.7	30	1.3	0.7	0.4	51
LSF-31	0.4	63.6	18.7	95	0.3	112.2	17.7	510	3.37	15.6	1.1	7	3.2	25	0.5	0.6	0.5	65
LSF-32	0.9	64	14	96	0.4	106.5	22.3	1166	3.2	15.8	1.9	7.4	1.6	27	0.9	0.5	0.4	56
LSF-33	0.6	40.4	5.8	45	0.3	61.9	6.4	531	1	6.7	0.8	5.1	0.4	49	1.5	0.5	0.2	19
LSF-34	0.9	30.5	9	40	0.3	55.5	14.1	2057	1.99	7.8	1	1.7	0.4	22	0.4	0.3	0.3	38
LSF-35	0.8	125.9	5.2	42	0.6	298.5	6.3	926	0.63	2.5	0.8	8	0.2	92	1.5	0.5	0.1	9
LSF-36	0.6	143.4	16.1	109	0.8	376.4	29	969	4.26	15.3	1.7	18.8	2.8	34	0.7	0.5	0.2	66
LSF-37	0.4	57.1	12	92	0.2	266.4	27.3	682	3.08	8.8	0.9	6.4	1.2	24	0.9	0.3	0.2	64
RE LSF-37	0.4	55.9	11	94	0.2	270.6	27.3	693	3.09	9.2	0.8	8	1.2	25	0.9	0.4	0.2	63
LSF-38	0.4	54.3	11	97	0.2	396.3	38	754	3.23	7.8	1	4.7	1.1	19	0.4	0.3	0.3	64
LSF-39	0.4	80.1	16	102	0.6	303.8	23.5	541	3.49	21.8	6.3	8.3	2.5	21	0.6	0.8	0.8	64
LSF-40	0.4	27.7	7.3	84	0.2	224.7	22	779	2.16	3.9	1.9	1.3	0.7	29	0.9	0.3	0.4	46
LSF-41	0.4	39.3	8.5	91	0.1	278	24.3	569	2.88	4.6	1.3	1.9	1	21	0.3	0.3	0.6	65
LSF-42	0.7	70.9	6.2	102	0.3	410.1	15.1	961	1.54	2.7	1.9	4.4	0.5	43	1.1	0.5	0.3	31

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
LSF-43	0.7	76.9	4	141	0.2	221.4	10.4	1436	1.14	2.1	0.9	2.1	0.3	34	1.1	0.5	0.2	21
LSF-44	0.5	208.3	7.1	121	0.8	192.2	21	1935	3.37	7.3	1.4	10.5	1.6	34	0.8	0.4	0.2	70
LSF-45	0.9	80.8	1.8	176	0.1	90.6	1.6	586	0.21	1.1	0.4	3.1	0.1	51	0.7	0.4	0.1	3
LSF-46	0.6	67.6	6.5	118	0.3	143.8	15.3	941	1.73	6.6	0.6	5.5	0.3	37	1	0.4	0.1	36
LSF-47	0.4	59.4	8.6	74	0.1	276.7	28.3	655	3.54	11	0.4	2.3	1.1	14	0.2	0.4	0.2	81
LSF-48	0.5	19.8	2.8	47	0.1	119.8	14.6	594	0.79	1.8	0.2	0.5	0.2	25	0.6	0.1	0.1	12
LSF-49	0.4	146.6	10.3	113	0.1	97	22.7	1263	4.51	6.6	0.8	5.7	2.1	23	0.4	0.4	0.2	90
LSF-50	0.4	80.3	11	83	0.2	77.2	19.1	743	3.45	10.9	0.5	18.3	0.9	20	0.4	0.5	0.1	65
LSF-51	0.3	48.6	5.1	76	0.1	343.1	32.1	887	3.56	3.9	0.5	2.6	1	21	0.2	0.2	0.1	76
LSF-52	0.6	20.1	5.8	67	0.1	161.8	25.3	510	3.32	3	1	1.8	3.7	11	0.1	0.2	0.3	64
LSF-53	0.4	31.5	6.5	67	0.1	121.4	21.2	404	3.14	2.7	1.2	1.4	4.7	14	0.3	0.2	0.2	69
RE LSF-53	0.4	32.6	6.9	69	0.1	122.7	20.7	402	3.17	2.7	1.2	1.8	4.7	15	0.3	0.2	0.2	69
LSF-54	2.2	20.7	6.9	80	0.1	70	14.5	1317	2.66	2.3	4.9	2.1	5.3	27	0.5	0.1	0.3	46
LSF-55	0.6	13.3	6.2	50	0.3	19.8	5.7	322	1.54	10.9	1.6	1.2	0.4	25	0.2	0.2	0.4	33
LSF-56	0.6	29.8	10.7	85	0.1	36.8	14.3	563	3.17	8.9	1	7.7	2.9	23	0.4	0.4	0.5	77
LSF-57	0.5	37.4	20.8	72	0.3	46.6	13.1	563	2.9	27.7	1.7	17.5	4.5	16	0.3	0.6	0.9	50
LSF-58	0.8	24.4	8.4	59	0.2	11.6	10.3	718	3.06	4.3	0.8	1.7	0.8	12	0.1	0.4	0.3	72
LSF-59	0.8	17.1	9.3	76	0.1	20.1	7.9	337	2.63	5.5	2.3	0.7	3.3	12	0.2	0.5	1.8	51
LSG-9	0.5	18.6	17.7	105	0.1	24.2	8	508	2.19	30	0.9	1.8	2.5	19	1.1	0.6	0.5	41
LSG-10	0.5	3.8	4.3	20	0.1	3.8	3.9	455	0.76	1.9	0.4	0.7	0.4	10	0.2	0.1	0.4	22
LSG-11	0.4	4.9	3.5	26	0.1	5.6	2.5	143	0.79	1.9	0.6	0.7	0.1	16	0.6	0.1	0.2	22
LSG-12	0.1	3.1	1.2	16	0.1	2.1	2.3	102	0.64	0.7	0.2	0.6	0.2	13	0.1	0.1	0.1	18
LSG-13	0.4	12.1	5	62	0.1	11	4.1	375	1.03	5	1.4	1.2	0.2	20	1.2	0.2	0.2	21
LSG-14	0.5	9.6	6.8	62	0.1	17.5	5.5	502	1.58	5	2	0.9	0.6	17	0.5	0.2	0.6	31
LSG-15	0.5	11.7	11.4	56	0.1	20.9	6.4	309	1.92	10.3	1.7	0.9	1.5	14	0.2	0.3	0.8	36
LSG-16	0.4	21.7	11.5	67	0.2	142.8	12.3	345	2.07	15.2	2.5	3.4	3.5	21	0.4	0.4	1	37
LSG-17	0.8	22.9	2	23	0.1	10.3	3.2	102	1.68	5.6	8.5	0.7	0.6	26	0.9	0.4	0.1	22
LSG-18	0.9	16.3	2.8	33	0.1	11.9	5.5	2117	0.79	5	1.7	0.7	0.6	15	1.3	0.2	0.3	13
LSG-19	0.8	12.1	9.6	60	0.1	14.5	5.9	370	1.87	8.2	1.4	1.4	0.5	14	0.6	0.4	0.7	38
LSG-20	0.8	13.9	8.6	69	0.1	16.2	5.7	287	2.37	7.4	1.7	0.5	0.6	17	0.4	0.4	0.7	46
LSG-21	0.4	17.6	9.5	75	0.2	19.3	6.1	274	1.96	8.1	4.1	3.1	2.7	24	0.2	0.3	0.8	34
LSG-22	0.4	32.2	12.4	46	0.4	17.7	6.6	218	1.9	7	1.6	2.9	0.8	25	0.2	0.2	0.4	43
LSG-23	0.5	79.3	11.9	67	0.3	27.5	10.2	399	2.74	8.7	2.6	4	5.9	21	0.1	0.4	1	44
LSG-24	0.7	41.8	34.1	77	0.4	27.4	13	617	3.33	8.4	1.9	2.7	4.5	23	0.2	0.5	1.1	77
LSG-25	1.3	32.6	9.2	64	0.3	14.6	9.3	564	3.28	4.4	1.6	2.3	0.8	21	0.2	0.4	0.4	41

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
LSG-26	0.7	36.4	115.8	188	1.3	13.2	7.2	476	3.01	11.2	1.3	41.5	3.4	21	0.6	0.7	0.3	27
LSG-27	0.6	26	11.8	66	0.1	25.1	8.4	409	2.46	6.8	2.9	2.1	3.7	12	0.3	0.4	1.3	45
LSG-28	0.3	25	27.8	115	0.2	14.4	19.4	1842	4.49	3.5	1.5	6.3	5.2	21	0.2	0.3	0.3	63
LSG-29	0.5	27.3	24.1	92	0.3	45.1	14.5	535	3.39	6.8	2.4	5.4	4.1	15	0.2	0.3	0.5	51
LSG-30	0.4	38	18.2	90	0.1	40	14.3	864	3.31	6.5	1.3	3.5	5.6	19	0.1	0.3	0.5	48
LSG-31	0.9	28	9.3	40	0.4	44.2	21.3	2046	2.42	5.2	1.5	2	0.6	28	0.9	0.3	0.1	18
LSG-32	0.6	41.7	14.5	78	0.2	492.8	37.1	1070	3	8.4	1	5.9	0.8	24	0.6	0.3	0.3	68
LSG-33	0.5	17.1	4.9	16	0.2	68.5	8.5	628	1.65	5	0.7	2.2	0.3	16	0.1	0.2	0.1	28
LSG-34	0.7	44.4	14.3	69	0.3	70.1	13.2	574	2.75	11.3	2.2	4.1	0.8	18	0.3	0.4	0.8	57
LSG-35	0.7	93	29.3	140	0.5	50.6	12.3	884	2.18	39.7	1.7	19.5	0.5	45	2.7	0.7	0.6	43
LSG-38	0.3	48.4	9.1	54	0.2	112.2	15.4	487	2.26	7.7	2.3	3	1.3	21	0.3	0.4	0.5	45
LSG-39	0.3	34.8	10.3	65	0.1	258	30	588	3.07	5.9	0.9	4.6	1.7	16	0.3	0.3	0.6	64
LSG-40	0.5	77.8	14	81	0.6	330.6	29.1	745	3.05	8	2.9	6.6	0.7	26	0.5	0.6	0.7	72
LSG-41	0.4	59.6	12.6	80	0.3	319.8	28.9	617	3.51	7.1	1.7	5.1	1.4	21	0.3	0.4	0.8	74
LSG-42	0.3	64.1	13.4	80	0.3	327.9	29.5	657	3.19	6.2	1.5	5.1	1.4	22	0.6	0.4	0.5	69
LSG-43	0.3	36.2	7.8	48	0.1	318.7	27.7	496	2.9	6.1	0.9	3.1	2.2	18	0.2	0.3	0.4	66
LSG-44	0.7	61	8	78	0.3	439.6	17.5	804	1.7	3.2	1.7	4.4	0.4	50	1	0.4	0.5	35
LSG-45	0.9	37.5	1.9	32	0.2	305.1	3.6	1013	0.34	1.1	0.7	0.5	0.1	59	1.1	0.2	0.1	7
LSG-46	0.5	30.6	8.8	48	0.1	217.7	24.6	520	2.93	6.4	1.5	3.2	2.1	13	0.2	0.5	0.8	60
LSG-47	0.3	44.7	13.8	52	0.2	183.6	22.9	635	3.18	19.5	1.1	64.1	1.9	13	0.2	0.6	0.5	67
LSH-8	0.8	20.5	20.8	91	0.1	19.7	5.5	363	1.51	15.8	0.8	1.5	1	22	1.4	0.6	0.6	28
LSH-9	0.5	11.4	8.4	58	0.1	14.5	6.1	305	1.42	7.4	1.4	0.9	2	17	0.8	0.4	0.7	31
LSH-10	0.5	12.4	13.6	74	0.1	17.7	6	322	1.69	8.4	1.1	1.2	2.3	17	1.2	0.4	0.6	33
LSH-11	0.5	13.3	12.3	52	0.1	17.2	6.7	462	1.92	10.3	2.1	1.3	1.3	18	0.6	0.4	0.7	41
LSH-12	0.5	20.9	12.1	57	0.1	27.2	8.2	401	2.06	22.4	1.7	2.7	6.1	21	0.3	0.5	0.9	38
LSH-13	0.5	14.1	4.3	38	0.1	11	3.4	249	0.75	4.8	0.8	1.6	0.2	25	0.8	0.2	0.3	16
LSH-14	0.3	4.6	2.5	16	0.1	4.5	2.7	89	0.88	1.7	0.3	0.9	0.1	11	0.1	0.1	0.2	25
LSH-15	0.5	9.2	4.5	23	0.1	6.3	3.7	325	0.79	2.9	1.1	2.1	0.3	18	0.3	0.1	0.2	14
LSH-16	0.3	25.3	16	78	0.2	180.7	16.1	427	2.16	22.5	3.5	3.4	1.7	18	0.3	0.4	0.6	44
LSH-18	0.3	15	7.2	53	0.1	43.5	7.4	157	1.53	3.2	7.1	3	2.9	18	0.3	0.3	0.5	30
LSH-19	0.2	4.3	3.5	18	0.1	18.2	3	71	0.77	2	0.6	0.6	0.1	6	0.1	0.1	0.2	18
LSH-20	0.5	73.3	9.3	43	0.3	190.4	20.5	472	3	15.4	1	6.4	2.5	25	0.2	0.4	0.3	61
LSH-21	0.4	64.7	9.1	45	0.3	193.2	20.4	456	2.97	16.2	0.9	5.2	2.2	25	0.2	0.4	0.4	61
LSH-22	0.6	25.6	10.6	63	0.1	88.6	14.2	497	2.15	10.6	1.5	3.5	2.5	34	0.9	0.5	0.7	39
LSH-23	0.3	37.9	256.8	229	2.8	42.8	12	409	2.99	9.6	2	13.5	5.5	13	0.4	0.5	0.6	51

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
LSH-24	0.7	19.4	16.3	82	0.2	21.1	7.5	274	2.49	6.1	2.5	3.6	2.8	20	0.3	0.3	1.8	45
LSH-25	0.7	56.5	1.9	301	0.2	18.8	1.7	1180	0.3	0.8	1.5	3.8	0.2	79	3.5	0.4	0.1	3
RE LSH-26	0.3	48.8	18.7	87	0.2	64.9	16.2	646	3.35	11.5	2	8.7	5.4	22	0.5	0.4	0.8	56
LSH-26	0.3	48.9	18.5	87	0.3	67.7	17.1	663	3.45	11.4	2	10.2	5.9	22	0.6	0.4	0.8	63
LSH-27	0.5	85.1	37	132	0.8	57.6	17.9	1271	3.83	8.4	2.4	13.3	3	18	0.8	0.4	0.6	67
LSH-29	0.2	77.3	11.8	53	0.1	321.6	33.4	615	3.42	7.5	0.5	6	1.8	15	0.2	0.3	0.1	73
LSH-30	0.3	46.7	6.7	44	0.1	129.6	13.8	397	2.48	3.7	0.8	3	0.9	15	0.2	0.2	0.1	54
LSH-31	0.2	46.3	11.4	60	0.1	117.9	19.4	426	3.02	5	0.6	4.8	2.4	21	0.2	0.3	0.2	62
LSH-32	0.3	125	4	11	0.6	187.2	3.4	275	0.34	1.5	2.6	11.8	0.3	48	0.9	1.1	0.2	8
LSH-33	0.3	35.8	11.7	51	0.2	288.8	25	437	2.78	8.5	0.4	5.5	1.5	13	0.2	0.4	0.3	56
LSH-34	0.7	91	21.2	94	0.5	109	23.9	992	4.21	14.7	1.2	6.5	3.2	25	0.7	0.7	0.2	98
LSH-35	0.4	45.6	12.5	66	0.2	61.2	20.9	1467	3.6	12.6	0.7	4.9	1.2	20	0.2	0.5	0.2	59
LSH-36	0.9	19.5	7.2	40	0.2	136	14.5	469	2.11	11.1	0.7	2.4	0.6	15	0.3	0.4	0.4	48
LSH-37	0.5	63.1	10.7	85	0.3	118	18	774	3.55	15.5	0.8	3.4	0.8	18	0.3	0.7	0.3	60
LSH-38	0.4	50.5	8.1	77	0.2	536	39.7	786	3.03	4.4	0.9	3.9	1.3	24	0.5	0.3	0.4	68
LSH-39	0.4	48.8	8.2	73	0.2	512.9	39.7	754	3.15	4.5	0.9	3.2	1.3	24	0.4	0.3	0.4	72
LSH-40	0.5	67	8.8	69	0.3	424.2	23.7	767	2.14	4.1	1.1	5.8	0.6	48	1	0.5	0.5	47
RE LSH-35	0.4	45.1	11.1	71	0.2	61.3	21.3	1483	3.61	13.2	0.5	4.8	1.1	19	0.2	0.5	0.2	64
LSH-41	0.4	85.9	13.8	92	0.4	404	34.2	792	3.3	6	1.9	6.9	1.7	29	0.7	0.5	1	74
LSH-42	0.2	48	13.7	82	0.3	324.1	31.8	412	3.08	6.1	1.5	7.9	2	21	0.4	0.6	0.7	74
LSH-43	0.4	37.3	7.3	62	0.1	307.7	27.4	489	2.81	3.7	0.7	2.7	1.2	21	0.2	0.3	0.3	61
LSH-44	0.5	38.9	5	59	0.1	345.3	31.2	611	3.14	2.5	0.9	0.7	1.6	26	0.1	0.2	0.5	67
LSH-45	0.1	46.3	6	54	0.2	433.8	36.8	418	2.91	3.3	0.7	2.7	1.7	16	0.2	0.2	0.4	74
LSH-46	0.4	42.8	11.5	66	0.2	321.5	36	562	3.7	7.1	1.2	3.4	2.3	12	0.2	0.3	0.4	73
LSH-48	4.3	55.5	46.7	159	0.5	68	19.4	926	3.77	17.8	0.9	8.4	3.6	28	1.2	0.5	0.2	59
LSH-49	3.1	43.3	113.1	272	2.1	91.4	18.7	1028	4.02	29	1.2	17.8	5.6	24	2.9	0.8	0.2	47
LSH-50	2	30.2	11.6	102	0.2	55.8	16.2	976	3.83	16.8	1	6.2	2.8	17	0.2	0.4	0.2	42
LSH-51	0.6	23.7	5.2	56	0.1	110.5	18	434	3.16	2.3	0.8	1.8	3.3	17	0.2	0.2	0.3	67
LSH-53	0.7	24.6	14.9	78	0.1	42.5	12.3	614	3.05	6.9	1.4	3.2	4.3	14	0.2	0.4	1	47
LSH-54	0.5	18.8	7.6	58	0.1	13.9	7.3	855	1.53	2.5	1	1.2	0.3	17	0.6	0.2	0.2	32
LSH-55	0.5	52.8	12	76	0.2	31.2	9.5	391	2.73	5	1.3	1.9	1.1	14	0.2	0.3	0.3	52
LSH-58	1.4	42.8	18.5	122	0.4	71.7	18.1	721	3.93	10.5	1.9	5	5.6	19	0.4	0.4	0.6	57
LSH-59	0.5	24	5.2	66	0.1	26.9	10.9	283	2.62	13.2	1.2	1.8	1.7	28	0.2	1.5	0.4	63
LSI-9	0.2	3.5	1.3	22	0.1	4.2	2.3	91	0.55	0.8	0.3	0.5	0.1	11	0.2	0.1	0.1	14
LSI-10	0.5	15.7	10.2	65	0.1	31.9	7.1	310	1.62	9.5	1.6	1.1	1.7	29	0.5	0.3	0.8	31

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
LSI-11	0.7	16	12.4	72	0.1	25.3	9.1	726	2.21	74.1	1.6	4.7	1	20	0.4	0.8	0.9	43
LSI-12	0.4	44.5	13	105	0.3	59.8	11.4	399	2.71	117	1.5	12.7	3.4	22	0.4	2.5	1	43
LSI-13	0.1	18.1	0.6	23	0.1	3.3	3.6	89	1	1.4	0.3	0.5	0.2	14	0.1	0.1	0.1	31
LSI-14	0.6	13.5	10.1	57	0.1	28.9	8.9	397	2.25	11.7	1.7	0.8	2.5	13	0.2	0.5	0.6	39
LSI-15	0.5	11.6	6.9	42	0.1	24	6.7	257	1.66	6.1	1.3	1.1	2.5	13	0.1	0.3	0.5	33
LSI-16	0.3	53	24.7	75	0.3	490.4	31.6	697	2.87	38.1	1.4	4.1	1.6	21	0.6	0.6	0.7	58
LSI-17	0.7	6.7	5.6	36	0.1	13.4	4.2	252	1.37	3	0.7	0.5	0.1	13	0.1	0.2	0.3	34
Samples lost from LSI-18 to LSI-28																		
LSI-29	0.4	144.2	24	89	0.6	238.7	33.5	906	3.6	44.4	0.8	19.9	1.2	23	0.5	0.8	0.2	62
LSI-30	0.2	87	14.9	71	0.4	188.6	21	482	3.49	15.3	1.1	9.2	3.2	24	0.3	0.4	0.3	73
LSI-31	0.3	52.8	16	91	0.3	645.1	43.1	901	3.04	10.1	0.8	6.2	1.5	17	0.7	0.3	0.3	67
LSI-32	0.4	37.8	9.6	71	0.2	375	29.4	932	2.32	5.3	1.2	5.2	1	27	0.6	0.3	0.3	47
LSI-33	0.6	102.5	2.6	70	0.7	325.8	6.7	2503	0.7	3.9	1.2	15.9	0.2	48	2.2	1	0.1	15
LSI-34	0.2	71	24.1	82	0.3	133.9	23	732	3.74	14	0.6	8.6	2	15	0.4	0.8	0.2	85
LSI-35	0.3	57	7.3	46	0.1	176	22.4	513	2.82	13.2	0.7	5.1	2.1	15	0.1	0.5	0.3	60
LSI-36	0.6	29.8	11.2	45	0.1	99.1	15.9	622	2.45	7.9	0.6	2.9	0.6	11	0.2	0.1	0.5	61
LSI-37	0.4	48.5	18	64	0.1	231.7	23.6	528	3.34	9.7	0.7	9.1	1.6	13	0.3	0.5	0.5	72
LSI-38	0.4	73.9	16	98	0.9	488.4	28	761	3.18	14	1.2	9.2	0.9	29	0.7	0.5	0.5	78
LSI-39	0.2	47.1	4.8	56	0.1	509.1	44.2	500	3.45	2.5	0.7	1.6	1.9	14	0.2	0.2	0.3	84
LSI-40	0.6	67.1	6.4	66	0.2	679.6	55.5	1667	3.73	3.4	1	1.8	0.7	29	0.3	0.2	0.3	84
LSI-41	0.3	58.2	8	59	0.2	365.8	28.1	915	2.93	5.6	0.6	5.7	1.5	26	0.3	0.3	0.2	59
RE LSI-42	0.5	23.7	7	43	0.1	80.2	11.5	429	2.64	5.7	0.6	3.5	1	14	0.2	0.3	0.1	65
LSI-42	0.4	22.4	7	39	0.1	81	11.3	399	2.48	5.8	0.6	3.4	1.1	14	0.2	0.3	0.1	63
LSI-43	0.2	60.7	8.8	56	0.1	342.8	35.2	984	3.32	5.5	0.5	4.3	1.7	9	0.2	0.3	0.3	68
LSI-44	1.3	32.8	11.3	76	0.1	227.2	28	830	4.26	6.6	0.7	0.5	2.7	17	0.3	0.2	0.2	70
LSI-45	0.7	43.4	6.8	116	0.1	78.8	21.1	859	4.5	2.9	0.4	2.7	3.3	25	0.4	0.1	0.1	56
LSI-46	0.3	24.8	6.6	76	0.1	52.1	22.8	946	5.45	0.5	0.4	0.5	3.9	14	0.2	0.1	0.1	117
LSI-49	0.5	74.8	13.6	76	0.1	242.9	26.9	908	3.84	2.7	0.9	0.5	2.1	21	0.4	0.2	0.2	74
LSJ-9	0.5	18.2	13.3	71	0.1	61.3	11.7	450	2.11	12.6	1.4	1.2	2.1	28	0.7	0.4	1	41
LSJ-10	0.5	19.6	4.6	77	0.1	31.5	5.2	343	0.96	6.8	1	1.1	0.4	37	1.1	0.3	0.2	17
LSJ-11	0.8	34.2	7.6	130	0.3	93.4	7.7	3467	1.27	21.7	1.3	5.3	0.9	35	1.9	1	0.2	15
LSJ-12	0.3	21.3	12.9	64	0.3	116.8	13.9	428	2.32	23.4	1.3	4.8	3.9	29	0.4	0.5	0.9	42
LSJ-13	0.2	31.7	14.4	83	0.3	143.2	17.5	301	2.48	17.5	2	7.4	5.8	23	0.6	0.6	1.2	49
LSJ-14	0.2	17.9	10.1	62	0.1	105.4	12	304	2.02	15.8	1.7	1.4	3	19	0.4	0.4	0.8	38
LSJ-15	0.2	12.1	7	41	0.2	27	4.9	144	1.25	3.3	3.5	1.5	0.7	20	0.2	0.2	0.4	29

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
LSJ-16	0.3	32.4	15.8	84	0.2	254.4	24.4	415	2.47	19.6	2.7	3.9	1.6	22	0.4	0.5	0.7	62
LSJ-17	1.1	25.5	12.5	66	0.3	65	13	632	2.34	30.6	1.7	9.3	0.9	11	0.3	0.8	0.7	41
LSJ-18	0.4	40.3	12.6	63	0.4	171.3	20.1	931	2.58	23	1.2	6.3	3.6	19	0.6	0.7	0.6	41
LSJ-20	0.3	45.2	7.1	50	0.1	376.2	25.8	424	2.55	5.6	1.8	1.8	2	15	0.2	0.3	0.6	55
LSJ-21	0.4	12.5	5.7	37	0.2	42.5	6.4	223	1.31	6	1	2.6	0.3	15	0.3	0.2	0.3	29
LSJ-22	0.3	36.1	18.1	84	0.7	131.6	20.7	754	2.84	24.4	1.8	22.1	3.2	14	0.4	0.6	0.8	59
LSJ-23	0.4	76.9	170.5	255	2.9	126.1	18.3	706	3.53	33.7	1.7	36.1	3.1	19	1.9	1	0.9	71
LSJ-24	0.6	18.3	11.8	36	0.2	66.2	11.2	349	2.12	11.8	0.8	1	0.4	13	0.2	0.5	0.5	54
LSJ-25	0.5	30.9	14.4	57	0.3	100.4	17.1	592	2.76	10.7	0.8	1.9	1.2	15	0.4	0.5	0.5	64
LSJ-27	0.3	77.3	17.9	75	0.4	308.6	33.4	775	3.36	17.9	0.6	11.1	1.8	29	0.5	0.5	0.2	66
LSJ-28	0.3	91.4	27.3	99	1	255.5	30.5	831	3.73	35.8	0.4	25.2	1.6	17	0.6	1.1	0.2	77
LSJ-29	0.5	40.6	11.8	80	0.2	497.6	40.9	850	2.71	7.1	0.6	6.4	0.4	18	0.6	0.3	0.2	67
LSJ-30	0.7	24.2	7.8	81	0.1	277.8	28.4	811	2.25	3.3	0.6	3.7	0.5	14	0.5	0.2	0.4	49
LSJ-31	0.6	73	12.4	68	0.6	557.8	19.4	1142	1.52	4.2	1.8	12.1	0.3	32	1.5	0.7	0.3	30
LSJ-32	0.5	18.1	3.4	134	0.2	77.5	6.8	174	0.86	1.9	0.7	2.5	0.1	23	3.5	0.2	0.3	16
LSJ-33	0.2	73.1	8.7	75	0.2	307.8	29.7	642	3.6	13.9	1	12.4	0.8	16	0.2	0.4	0.3	80
LSJ-34	0.2	58	21.8	67	0.4	359.4	30.2	653	3.56	11.7	0.4	16.4	1.7	15	0.3	0.5	0.3	80
LSJ-35	0.2	47.2	20	69	0.3	374.2	34.9	636	3.33	10.4	0.4	14.6	1.6	11	0.3	0.4	0.3	77
LSJ-36	0.2	38.6	9.5	70	0.2	357.6	26.7	468	2.65	5.7	0.8	8.8	2.4	11	0.3	0.3	0.5	56
LSJ-37	0.1	44.7	4.2	53	0.1	563.4	48	872	3.32	2.5	0.7	1.7	1.8	12	0.1	0.2	0.2	75
LSJ-38	0.2	38.2	4.1	64	0.1	552.9	45.4	554	3.34	2.4	0.6	1.6	1.8	14	0.1	0.2	0.3	75
LSJ-39	0.3	45.1	5.8	70	0.1	526.3	38.3	477	3.48	2.8	1.1	2	2.3	14	0.1	0.2	0.4	82
LSJ-40	0.4	31.9	7	60	0.1	220.2	24.6	638	2.77	3.5	0.6	1.1	1.3	18	0.3	0.2	0.3	54
LSJ-41	0.3	33.2	5.8	67	0.1	621.5	59.5	1013	3.95	4.2	0.6	1.8	1.1	10	0.2	0.2	0.3	79
LSJ-42	4.1	35.2	11.1	147	0.5	20.1	16.4	670	4.32	0.5	1.2	1.1	6.2	33	2.2	0.1	0.1	39
LSJ-43	0.2	55.2	4.5	78	0.1	481.3	48	945	5.47	1.6	0.3	1.6	0.5	14	0.2	0.1	0.1	143
LSJ-44	1	34.1	6.1	72	0.1	390	36.5	996	4.05	1.8	0.4	1.1	0.8	20	0.3	0.2	0.1	81
LSJ-45	0.6	17.3	8.2	81	0.1	274.2	36.1	1012	2.81	3.1	0.3	3.6	0.4	17	0.3	0.3	0.1	66
LSJ-46	0.1	34.3	6.6	42	0.1	596.6	52	722	4.01	5.2	0.3	1.9	1	8	0.1	0.2	0.1	85
LSJ-47	1	30.7	12.1	89	0.1	87.2	23	1088	4.79	1.5	0.7	1.8	4.2	54	0.3	0.2	0.4	62
LSJ-48	0.3	63.8	6.3	53	0.1	199.9	30.7	944	3.63	1.7	0.5	10.1	2.2	18	0.1	0.2	0.1	71
LSJ-49	0.5	91.5	9.2	48	0.1	452.5	40.6	826	3.52	2	0.4	26.3	1	16	0.4	0.1	0.1	73
LSJ-50	0.3	27.5	4	47	0.1	119.1	22	457	2.89	2.1	0.6	1	2.9	14	0.1	0.3	0.2	66
RE LSJ-50	0.4	28.8	4	48	0.1	123.5	22.9	473	2.99	2.4	0.6	0.5	3	15	0.2	0.3	0.2	68
LSJ-51	0.3	38.2	3.6	51	0.1	60.2	15.6	403	2.76	2	0.9	1.4	3.6	13	0.1	0.2	0.2	66

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
LSJ-52	1	25.2	7.3	50	0.1	37.8	14.6	546	2.37	2.9	1.3	0.5	2.9	13	0.2	0.3	0.2	56
LSJ-53	1	22.4	6.1	49	0.1	33.1	10.7	300	2.32	3.1	0.9	16.3	3.8	12	0.2	0.3	0.2	54
LSJ-54	0.5	60.6	5.8	64	0.1	53.6	18	513	3.35	2.6	1	0.5	1.9	12	0.1	0.2	0.2	83
LSJ-55	0.6	24.3	3.6	75	0.1	15.2	18.4	388	4	3.1	0.7	0.7	0.8	13	0.1	0.4	0.2	90
LSJ-56	3.2	34	4.8	114	0.1	52.5	33.3	1688	6.74	2.2	1.9	1	1.6	32	0.2	0.4	0.2	145
LSJ-57	2.4	9	21.3	158	0.1	548.7	55.4	1770	8.65	22.9	1.4	0.5	4	24	0.4	1.6	0.3	79
LSJ-58	1.5	11.7	6	64	0.2	10.1	5.6	635	1.27	2.9	2.8	1.6	0.1	17	0.4	0.5	0.3	38
LSJ-59	1	41.8	4.4	75	0.1	39.2	24.8	814	5.45	3.3	1	0.5	1.3	16	0.1	1.3	0.3	108
LSK-8	0.2	32.1	23.4	63	0.3	275.9	23.5	583	2.82	21.5	1	2.2	3.1	24	0.7	0.9	0.7	48
LSK-9	0.6	17.8	14.2	51	0.2	113.8	10.9	457	1.28	8.9	0.8	6.4	0.3	33	1.3	0.6	0.4	23
LSK-10	0.2	19	10.1	49	0.1	58.8	7.9	174	1.74	8.2	0.6	2.5	0.7	18	0.2	0.4	0.3	46
LSK-11	0.3	33	21.4	60	0.4	295.1	26.6	651	2.96	37.8	1.3	9.6	3.6	24	0.5	0.7	0.8	54
LSK-12	0.3	37.4	22	77	0.3	253.5	25.3	898	2.84	26.7	1.2	6.2	3.4	22	0.5	0.9	0.6	51
LSK-13	0.2	23.4	75.6	94	0.4	149.7	15.3	587	2.09	24	0.7	5.8	2.6	57	1.6	1.3	0.6	36
LSK-14	0.1	19.2	6.3	32	0.1	65.1	6.5	84	0.89	3.5	0.6	0.5	0.6	13	0.3	0.4	0.2	25
LSK-15	0.4	59.6	37	95	0.4	542.7	39.1	1466	3.66	49.7	1.3	9.6	0.9	20	1	1.1	0.7	79
LSK-15A	0.4	54.5	36.8	93	0.5	484.8	34.6	1132	3.16	49.2	1.2	4.6	1	19	1.1	0.9	0.7	72
LSK-16	0.3	21.4	9.1	44	0.1	151.1	16.5	407	2.3	10	1.2	2.6	6	19	0.3	0.4	0.8	46
LSK-17	0.5	10.6	7.1	35	0.2	26.4	8.6	748	1.56	5.6	1	0.5	0.7	9	0.6	0.3	0.5	38
LSK-18	0.5	30.3	12.6	44	0.3	81.7	14.5	699	2.56	28.9	0.8	9.2	1	10	0.2	0.8	1.2	46
LSK-20	0.4	58.1	7.5	52	0.2	529.2	34.5	447	2.4	6.2	2.8	1	2.1	21	0.3	0.6	0.7	52
LSK-21	0.2	53.5	14.2	58	0.2	408.3	32.6	553	2.88	10.9	1.2	2.8	1.7	11	0.2	0.4	0.6	59
LSK-22	0.2	47.7	13.1	61	0.4	358.9	20.9	275	2.36	10.2	1.2	8.7	1.8	13	0.3	0.5	0.4	46
LSK-23	0.2	33.9	19.6	54	0.4	209.9	17.5	678	2.55	20.4	1.2	11.8	1.5	18	0.4	0.5	0.7	49
LSK-24	0.2	52.1	27	117	1	154.6	22.2	824	4.16	24.8	0.6	22.2	4.2	22	1.2	0.8	0.2	80
LSK-25	0.4	45.8	159.4	131	1.4	398.9	30.2	887	2.91	25.6	1	10.5	1.7	18	1.4	0.9	0.5	59
LSK-27	0.4	114.9	2222	3470	12.5	75.1	16	1919	3.52	116.5	1.9	81.7	2.6	12	12.2	12.2	0.4	48
LSK-28	0.3	78.9	49.2	155	2	107.4	21.2	1204	3.61	42.8	0.7	27.8	2	12	1.8	3.2	0.2	70
LSK-29	0.4	55.5	23.4	89	0.4	539.3	39.9	519	3	9.1	1.2	7.1	4.1	16	0.5	0.4	0.6	64
LSK-30	0.2	32.2	9.6	66	0.1	333.5	31.6	533	3.03	6.4	0.9	7.6	2.5	11	0.2	0.2	0.5	62
LSK-31	0.2	45.8	6.2	57	0.1	517.2	42.3	523	3.12	4.1	0.7	2	1.4	13	0.1	0.2	0.3	72
LSK-32	0.2	28.1	3.5	39	0.1	307.4	32	491	2.5	2.3	0.3	11.4	0.6	11	0.1	0.2	0.2	57
LSK-33	0.4	53.3	5.6	71	0.2	347.1	28.8	664	3.61	4	1.1	6.3	4.2	14	0.2	0.4	0.2	56
LSK-34	0.4	30.4	14.8	72	0.2	229.8	29.5	726	2.98	7.1	1	3	1	10	0.4	0.4	0.9	65
LSK-35	0.2	37.2	3.8	43	0.1	497	46.9	648	3.22	4.2	0.3	1.8	1.2	9	0.1	0.3	0.1	75

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
LSK-36	0.3	47.7	5.5	53	0.1	477.5	45.7	706	3.67	3.9	0.3	2.4	1.4	12	0.1	0.3	0.1	77
LSK-37	0.3	48.9	4.4	63	0.1	372.9	38.6	1059	4.88	1.9	0.4	3.3	1	12	0.2	0.2	0.1	133
LSK-38	0.5	18.9	9.3	50	0.1	225.3	38.4	1007	3.26	3.5	0.4	0.9	0.3	11	0.3	0.3	0.2	75
LSK-39	0.6	17.2	6.7	37	0.1	165.8	20.3	603	3.11	3.1	0.4	0.6	0.7	9	0.1	0.2	0.2	71
LSK-48	0.3	27.6	3.2	45	0.1	406.4	39	473	3.27	2.5	0.6	0.5	2.2	8	0.1	0.2	0.1	75
LSK-49	0.5	25.9	4.6	48	0.1	63.9	13.2	374	2.54	1.7	1.2	0.7	5.6	16	0.1	0.2	0.2	61
RE LSK-49	0.5	27.5	4.8	48	0.1	65	13.4	404	2.58	1.8	1.1	0.6	5.1	16	0.2	0.2	0.2	64
LSL-8	0.3	22.9	30.1	74	0.3	152.2	17.2	576	1.99	16.8	1.4	5.2	1.3	32	1.2	0.9	0.7	35
LSL-9	0.4	36.5	15.2	55	0.2	227.6	21	484	2.54	15.7	1.3	2.9	2	23	0.5	0.7	0.8	51
LSL-10	0.4	17.2	12.4	71	0.1	82.2	9.5	691	0.97	7.9	0.5	2.4	0.3	27	1.4	0.4	0.3	18
LSL-11	0.7	18	24	94	0.3	104	11.3	723	1.25	17	0.9	3.1	0.5	52	2.9	0.7	0.3	23
LSL-12	0.3	38.7	51.2	114	0.4	341	28	943	2.76	23.1	0.8	4.1	1.7	20	1.9	1.4	0.6	50
LSL-13	0.5	57.4	97.8	168	1.1	210.3	17.1	829	2.36	74.8	0.6	11.5	1.8	24	2.4	2	0.6	39
LSL-14	0.2	66.4	12.3	49	0.1	479.9	29.6	413	2.75	14.8	0.8	3.1	1.1	12	0.3	0.4	0.4	60
LSL-15	0.4	57.7	74.4	124	0.8	288.2	21.5	715	2.57	55.7	0.6	8.9	1.7	20	1.7	1.3	0.5	45
LSL-16	0.3	64.2	3.4	41	0.1	666.6	51.4	565	3.07	2.8	1	0.7	2.2	14	0.2	0.4	0.4	59
LSL-17	0.8	21.6	13.2	40	0.3	131.1	16.8	499	1.58	12.7	0.6	10.2	0.2	25	0.8	0.3	0.2	33
LSL-18	0.2	53.2	10.3	50	0.3	510	35.3	622	3.56	20.5	0.6	13	1.4	12	0.3	0.5	0.3	69
LSL-19	0.6	63.9	4.1	81	0.2	511.8	28.6	855	2.31	3.5	2.5	1.3	0.7	36	0.6	0.5	1.1	46
LSL-20	0.4	46.3	4.9	63	0.1	428.7	29.7	515	2.68	3.3	2.8	1.2	2.7	20	0.2	0.3	1.1	58
LSL-21	0.3	49.4	3.3	50	0.1	443.6	32.1	429	2.69	2.9	1.5	0.5	2.5	15	0.1	0.3	0.7	59
LSL-22	0.2	80.6	3.4	31	0.1	447.6	44	539	2.37	1.9	0.5	0.5	1.8	20	0.1	0.3	0.5	46
LSL-23	0.2	39.4	3.4	39	0.1	417	29.9	390	2.43	2	1	0.5	1.8	11	0.1	0.2	0.7	49
LSL-24	0.3	73.9	4	63	0.1	944.5	50.7	633	3.45	3.4	2	0.6	2	20	0.2	0.4	0.9	73
LSL-25	0.6	108.9	5.5	66	0.2	791.1	58.5	830	3.5	4.4	3.4	0.5	1	21	0.2	0.5	1	74
LSM-10	0.3	33.9	26.2	80	0.4	260	21	574	2.68	25.1	1.1	3.5	2	17	0.7	1	0.5	53
LSM-11	0.3	36.1	56.2	94	0.4	352.9	28.8	906	2.92	25.3	1	6.3	2.9	15	1.4	1.2	0.5	49
LSM-12	0.3	15.6	58.2	188	1.3	86	11.9	718	2.05	62	0.7	21.9	1.7	36	2.9	2.5	0.4	17
LSM-13	0.1	70	5.8	45	0.1	551.1	41	563	3.41	7.4	0.7	1.7	1.2	11	0.2	0.3	0.3	84
LSM-14	0.1	77.4	3.7	33	0.1	663.3	55.2	503	3.51	4.6	0.5	3.7	1.4	11	0.2	0.3	0.2	75
RE LSM-14	0.1	75.8	3.8	31	0.1	653.5	53.3	472	3.35	4.2	0.5	2.1	1.3	10	0.1	0.3	0.2	69
LSM-15	0.2	59	7.1	40	0.1	593.9	37.5	479	3.2	5.7	1.1	1.7	2.5	12	0.2	0.3	0.5	60
LSM-16	0.3	34.2	20	56	1.3	486.7	39.1	823	3.46	20	0.7	25	1.3	12	0.5	0.8	0.3	58
LSM-17	0.3	53.3	3.8	49	0.1	395.8	24.8	352	2.53	2.7	2	0.9	5.1	19	0.1	0.3	1.2	51
LSM-18	0.3	41.6	4.3	48	0.1	347.7	28.1	413	2.51	2.8	2.4	1.8	5	19	0.1	0.3	1.3	50

ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
LSM-19	0.3	29.6	4.2	47	0.1	341.8	27.2	435	2.53	3.9	1.8	0.7	4.1	14	0.1	0.3	0.9	56
LSM-20	0.2	31	4.1	48	0.1	264.7	23.7	386	2.46	2.2	2	0.6	4.2	20	0.1	0.2	0.8	52
LSM-21	0.3	44.9	3.2	47	0.1	589	42.2	530	3	3.2	1.4	0.5	3	13	0.1	0.3	0.6	66
LSM-22	0.2	72.8	3.2	43	0.1	622.8	39.5	481	2.98	3.4	1.7	0.7	2.7	13	0.1	0.3	0.6	64
LSM-23	0.1	67.1	2	31	0.1	569.7	52.3	515	2.6	2.3	0.7	0.5	1.1	12	0.1	0.2	0.3	51
LSM-24	0.2	36.3	2.9	34	0.1	627.4	43.3	607	2.93	3	1	0.5	3.1	20	0.1	0.3	0.5	56
LSN-9	0.3	48.3	16.9	66	0.3	287.1	23.5	496	2.3	12.1	1.3	3.7	2	32	1	1.6	0.6	46
LSN-10	0.9	54.7	18.7	53	0.3	425.4	32.7	639	2.93	11.6	1.3	2.1	1	28	0.3	0.2	0.7	61
LSN-11	0.4	47.8	3.7	43	0.1	272	30.3	505	2.62	3.3	0.5	0.7	1	9	0.1	0.2	0.4	60
LSN-12	0.3	42.1	4.2	43	0.1	244.3	26.5	531	2.7	3	0.6	0.5	1.1	9	0.1	0.2	0.5	61
LSN-13	0.3	51.4	2.5	41	0.1	200.3	27.4	553	2.87	1.6	0.3	0.5	0.2	10	0.1	0.2	0.2	64
LSN-14	0.2	31.8	3.9	36	0.1	457	33.8	481	2.75	3.3	1.2	1	2.9	15	0.1	0.4	0.4	52
LSN-16	0.5	79.9	5.9	79	0.1	378.3	23.2	452	2.96	3.6	3	0.9	2.5	15	0.3	0.3	1.6	56
LSN-17	1.2	41.7	4	44	0.1	697.5	42.6	496	2.55	5.4	1.5	0.5	3.9	13	0.2	0.5	1	50
LSN-18	0.4	39.3	5	63	0.1	612.5	38.3	566	3.26	5.9	2	1.1	1.7	15	0.1	0.4	0.9	76
LSN-19	0.6	44.5	3.7	46	0.1	1117.4	76.5	757	3.91	8.6	1.3	1.4	0.9	10	0.1	0.7	0.5	83
LSN-20	0.6	26.2	4.5	48	0.1	497.6	42.4	525	3.26	5.5	1.5	0.9	3.4	12	0.1	0.3	0.8	74
LSN-21	0.7	19.5	6.4	53	0.1	222.9	26.3	526	2.68	6.9	1.7	1.1	3.2	11	0.1	0.4	1.1	56
LSN-22	0.7	12.7	5.4	26	0.1	65.6	11.2	369	2.02	3.2	0.5	0.5	0.4	10	0.1	0.4	0.3	56
LSN-23	0.8	18.2	4.5	44	0.1	320.6	57.1	875	2.58	2.8	1	0.6	1	13	0.2	0.2	0.6	58
LSN-24	0.7	18.6	7.1	58	0.1	53.7	12.2	372	2.68	6.4	2.3	1.7	3.4	11	0.2	0.5	1.3	53
LSN-25	0.5	21	5	44	0.1	395	38.8	532	3.08	5.8	1.2	1.1	2.2	10	0.1	0.4	0.8	65
RE LSN-25	0.6	20.5	5.3	44	0.1	372.4	36.6	521	2.9	5.7	1.3	1.2	2.1	9	0.2	0.4	0.8	63
ELEMENT	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
SAMPLES	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm

ELEMENT	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
SAMPLES	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
LSA-1	0.33	0.053	14	43.2	0.62	72	0.048	1	1.22	0.006	0.19	0.4	0.01	2.2	0.2	0.05	6	0.5
LSA-2	0.3	0.087	8	21.6	0.37	89	0.046	1	0.73	0.019	0.11	0.1	0.01	1.5	0.1	0.05	3	0.5
LSA-3	0.21	0.065	12	30.2	0.55	157	0.059	1	1.07	0.008	0.17	0.5	0.02	3.4	0.2	0.05	5	0.5
LSA-4	0.45	0.069	10	38.8	0.42	149	0.07	1	0.79	0.013	0.16	0.5	0.02	2.6	0.2	0.05	6	0.5
LSA-5	0.23	0.036	13	23.7	0.43	106	0.055	1	0.88	0.005	0.1	1	0.04	2.3	0.1	0.05	6	0.5
LSA-6	0.21	0.075	11	33.8	0.8	163	0.062	1	1.4	0.006	0.15	0.9	0.02	2.7	0.2	0.06	7	0.5
LSA-7	0.16	0.055	11	32.9	0.65	83	0.064	1	1.34	0.005	0.09	1	0.02	2.8	0.2	0.05	6	0.5
LSA-9	0.28	0.088	9	14.3	0.34	148	0.04	1	0.63	0.024	0.03	0.1	0.02	1.2	0.1	0.06	3	0.5
LSA-10	0.16	0.109	8	26.3	0.33	98	0.01	1	1.33	0.005	0.08	0.3	0.03	0.3	0.1	0.11	7	0.5
LSA-11	0.11	0.085	8	24.3	0.37	106	0.012	1	1.09	0.005	0.1	0.4	0.03	0.4	0.1	0.08	6	0.5
LSA-12	0.3	0.106	13	64.6	1.09	313	0.03	1	1.66	0.006	0.13	0.6	0.02	2.6	0.2	0.07	8	0.5
LSA-13	0.56	0.116	23	53.6	1.2	468	0.02	1	1.88	0.009	0.1	0.4	0.03	4.9	0.1	0.05	7	0.5
LSA-14	0.28	0.093	19	81.8	1.43	377	0.029	1	2.03	0.006	0.1	0.6	0.06	4.1	0.2	0.06	7	0.5
LSA-15	0.24	0.094	17	44.6	0.93	294	0.031	1	1.57	0.005	0.11	0.7	0.02	3.6	0.1	0.05	5	0.5
LSA-16	0.27	0.12	14	71.7	1.39	200	0.067	1	1.91	0.004	0.19	0.4	0.02	2.8	0.2	0.05	7	0.5
RE LSA-16	0.27	0.122	14	68.4	1.41	201	0.069	1	1.88	0.004	0.19	0.5	0.02	2.7	0.2	0.05	7	0.5
LSA-17	0.33	0.115	25	78.6	1.39	450	0.062	1	2	0.005	0.2	0.4	0.02	6.4	0.2	0.05	7	0.5
LSA-18	0.41	0.095	19	66.7	1.18	444	0.048	2	1.89	0.006	0.13	0.4	0.02	5.6	0.2	0.05	7	0.5
LSA-19	0.6	0.109	24	76.9	1.73	678	0.04	1	2.46	0.007	0.14	0.4	0.05	7.1	0.2	0.06	9	0.5
LSA-20	0.28	0.092	11	88	1.03	206	0.035	1	1.52	0.014	0.07	0.2	0.01	3.4	0.1	0.05	6	0.5
LSA-21	0.43	0.096	14	87.2	1.24	301	0.045	1	1.72	0.008	0.09	0.3	0.01	4.6	0.2	0.05	6	0.5
LSA-22	0.24	0.107	8	31.6	0.6	265	0.015	1	1.17	0.011	0.06	0.3	0.01	0.9	0.1	0.05	5	0.5
LSA-23	0.14	0.046	6	16.5	0.47	128	0.048	1	0.95	0.008	0.09	0.2	0.01	0.7	0.1	0.05	6	0.5
LSA-24	0.12	0.064	6	12.4	0.17	110	0.017	1	0.69	0.016	0.04	0.2	0.01	0.4	0.1	0.05	3	0.5
LSA-25	0.18	0.064	10	39.8	0.62	184	0.04	1	1.25	0.01	0.09	0.5	0.02	2.4	0.1	0.05	6	0.5
LSA-26	0.16	0.097	11	51.1	0.94	208	0.032	1	1.7	0.005	0.08	0.4	0.02	2.3	0.1	0.05	7	0.5
LSA-27	0.33	0.111	9	31.8	0.85	208	0.075	1	1.59	0.005	0.17	0.2	0.02	3.6	0.1	0.05	7	0.5
LSA-27A	0.84	0.137	8	21.6	0.29	401	0.015	1	0.89	0.018	0.04	0.2	0.04	0.6	0.1	0.23	3	0.6
LSA-28	0.14	0.059	10	34.6	0.78	140	0.038	1	1.43	0.004	0.09	0.3	0.02	2.4	0.2	0.05	7	0.5
LSA-29	0.5	0.043	3	12.3	0.12	177	0.028	1	0.56	0.021	0.01	0.1	0.03	0.4	0.1	0.15	2	1.2
LSA-30	1.49	0.086	4	14.9	0.14	335	0.018	4	0.45	0.033	0.03	0.1	0.02	0.4	0.1	0.16	1	2.1

ELEMENT	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
SAMPLES	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
LSA-31	0.51	0.062	2	6.1	0.12	136	0.02	1	0.35	0.025	0.04	0.1	0.02	0.3	0.1	0.12	2	0.5
LSA-32	0.17	0.061	11	24.3	0.34	131	0.044	2	0.93	0.009	0.12	0.3	0.01	1.2	0.1	0.07	6	0.5
LSA-33	2.14	0.116	5	10.3	0.15	414	0.007	3	0.43	0.013	0.06	0.1	0.13	0.4	0.1	0.29	1	0.5
LSA-34	0.19	0.073	12	35.4	0.54	111	0.056	1	1.03	0.007	0.19	0.3	0.05	1.7	0.2	0.12	5	0.5
LSA-35	0.98	0.116	14	63.9	0.9	265	0.042	2	1.11	0.01	0.12	0.3	0.06	2.8	0.2	0.16	4	0.6
RE LSA-43	0.18	0.08	14	55.6	1.19	207	0.055	1	1.83	0.005	0.21	0.3	0.01	4.5	0.1	0.05	7	0.5
LSA-36	1.09	0.165	13	22.5	0.34	440	0.014	2	0.81	0.009	0.1	0.2	0.12	0.7	0.2	0.2	3	0.5
LSA-37	0.53	0.091	10	43.2	0.81	269	0.037	1	1.18	0.007	0.11	0.2	0.06	2.3	0.1	0.05	4	0.5
LSA-38	2.96	0.114	14	12.4	0.28	705	0.007	5	0.29	0.006	0.08	0.1	0.12	0.7	0.1	0.33	1	0.6
LSA-39	0.63	0.139	18	49.9	0.82	340	0.025	1	1.3	0.008	0.15	0.2	0.07	3.3	0.1	0.13	5	0.5
LSA-40	0.26	0.062	12	54.4	1.14	272	0.06	1	1.48	0.004	0.18	0.2	0.04	3.9	0.1	0.05	6	0.5
LSA-41	0.31	0.148	34	65.9	0.81	584	0.022	1	1.4	0.007	0.09	0.6	0.08	3.7	0.2	0.08	6	0.7
LSA-42	2.41	0.154	12	18.4	0.11	868	0.006	4	0.43	0.006	0.04	0.1	0.17	1.5	0.1	0.36	1	1.1
LSA-43	0.17	0.083	14	55.8	1.26	208	0.055	1	2.04	0.005	0.21	0.3	0.02	4.4	0.1	0.05	7	0.5
LSA-44	0.22	0.069	18	34.8	0.77	320	0.05	1	1.57	0.007	0.15	0.5	0.02	3.2	0.2	0.05	6	0.5
LSA-45	0.32	0.091	34	20.5	0.6	391	0.031	1	1.15	0.006	0.13	0.3	0.04	5.6	0.1	0.05	4	0.5
LSB-0	0.2	0.068	7	20.5	0.42	182	0.054	1	0.91	0.011	0.15	0.6	0.02	1.7	0.2	0.05	4	0
LSB-1	0.08	0.051	3	10.2	0.18	92	0.04	1	0.48	0.016	0.1	0.3	0.01	1	0.1	0.05	3	0
LSB-2	0.12	0.051	3	4.8	0.14	55	0.031	1	0.34	0.023	0.06	0.1	0.02	0.4	0.1	0.05	2	0
LSB-3	1.25	0.101	6	6.1	0.1	425	0.013	1	0.7	0.024	0.04	0.1	0.07	0.4	0.1	0.18	2	0.6
LSB-4	0.29	0.1	16	60.4	1.01	432	0.055	1	2.1	0.008	0.16	0.5	0.05	5	0.2	0.09	8	0.5
LSB-5	0.27	0.044	10	33	0.78	227	0.068	1	1.42	0.008	0.21	1.3	0.02	3.3	0.2	0	6	0
LSB-6	0.31	0.069	13	64.6	1.1	343	0.081	1	1.84	0.009	0.2	0.9	0.02	6.2	0.3	0	8	0.5
LSB-7	0.28	0.076	14	48.5	1.01	320	0.078	1	1.89	0.009	0.2	0.6	0.01	5.5	0.3	0	7	0
LSB-8	0.23	0.06	10	31.7	0.88	157	0.079	1	1.54	0.006	0.14	1	0.02	3.8	0.2	0	7	0
LSB-8A	0.27	0.093	15	30	0.74	132	0.069	1	1.45	0.008	0.18	1.2	0.03	3.1	0.3	0	7	0
LSB-9	0.08	0.032	2	6.2	0.14	25	0.047	1	0.3	0.022	0.02	0.1	0.01	0.4	0	0	3	0
LSB-11	0.26	0.091	13	90.2	1.73	291	0.048	1	2.21	0.006	0.21	0.7	0.03	7.3	0.2	0	8	0.5
LSB-13	0.08	0.044	7	19.5	0.27	43	0.053	1	1.24	0.005	0.09	0.6	0.03	1.3	0.2	0	7	0.6
LSB-14	0.13	0.088	14	56.8	1.32	200	0.017	1	1.81	0.004	0.09	0.5	0.02	3.5	0.1	0	7	0.5
LSB-15	0.21	0.067	10	68.9	0.96	364	0.055	1	1.52	0.007	0.11	0.5	0.03	3.5	0.2	0	6	0
LSB-16	0.5	0.118	13	284.1	3.45	710	0.244	1	3.18	0.012	0.76	0.3	0.01	8.7	0.3	0	11	0
LSB-17	0.36	0.116	22	26.7	0.93	314	0.05	1	1.35	0.006	0.15	0.4	0.01	4.2	0.2	0	5	0
LSB-18	0.27	0.11	15	28.7	0.82	413	0.017	1	1.63	0.005	0.09	0.5	0.02	5	0.2	0	6	0
LSB-19	0.67	0.089	16	280	3.34	682	0.206	1	2.93	0.006	0.63	0.2	0.01	11	0.4	0	9	0

ELEMENT	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
SAMPLES	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
LSB-20	0.44	0.096	11	21.1	0.51	463	0.015	1	0.87	0.01	0.08	0.2	0.08	2.4	0.1	0	3	0
LSB-21	0.42	0.099	9	56.4	1.45	375	0.037	1	1.93	0.009	0.09	0.3	0.02	4.1	0.1	0	6	0.8
LSB-22	0.3	0.091	11	26	0.63	509	0.015	1	1.42	0.011	0.07	0.2	0.03	1.2	0.1	0.18	5	0
LSB-23	0.36	0.114	12	29	1.04	330	0.058	1	1.37	0.004	0.17	0.4	0.01	4.5	0.1	0	5	0
LSB-24	0.28	0.086	13	26.1	0.88	601	0.028	1	1.42	0.008	0.15	0.3	0.02	3.2	0.1	0.07	6	0.5
LSB-25	0.28	0.111	10	19.2	0.71	427	0.016	1	1.35	0.01	0.08	0.2	0.03	1.4	0.1	0.13	5	0
LSB-26	0.29	0.103	10	24.6	0.69	466	0.012	1	1.38	0.007	0.06	0.2	0.03	1	0.1	0.08	5	0.5
LSB-27	0.23	0.082	6	9.1	0.23	283	0.011	1	0.63	0.017	0.03	0.1	0.03	0.4	0.1	0.09	2	0
LSB-28	0.31	0.082	12	24.4	1	297	0.033	1	1.33	0.004	0.1	0.4	0.01	3.4	0.1	0	5	0
LSB-29	0.29	0.079	13	33	0.96	269	0.044	1	1.4	0.005	0.11	0.3	0.01	3.3	0.1	0	5	0
LSB-30	0.35	0.092	9	30.9	0.63	315	0.02	1	1.18	0.007	0.06	0.4	0.01	1.7	0.1	0	4	0
LSB-31	0.28	0.071	4	3.5	0.14	72	0.031	1	0.45	0.028	0.02	0.1	0	0.4	0	0	1	0
LSB-32	1.16	0.105	15	42.9	1.29	507	0.031	2	1.93	0.012	0.13	0.3	0.03	3.1	0.2	0.15	6	0.9
LSB-33	0.3	0.169	8	62.9	0.82	205	0.009	1	1.33	0.006	0.14	0.3	0.04	0.9	0.1	0.14	5	0
LSB-34	0.68	0.104	7	187.5	1.52	199	0.031	1	1.23	0.009	0.05	0.8	0.02	3.1	0.1	0.06	4	0
LSB-35	0.65	0.096	10	195.6	1.69	152	0.041	1	1.37	0.01	0.05	0.8	0.02	3.7	0.1	0	4	0
LSB-36	0.47	0.096	11	71.1	0.84	266	0.038	1	1.12	0.012	0.12	0.6	0.03	2.2	0.1	0	4	0
LSB-37	0.26	0.062	4	3.4	0.11	58	0.052	1	0.39	0.025	0.02	0.1	0.01	0.3	0	0	2	0
LSB-38	0.41	0.082	12	54.6	0.79	233	0.022	1	1.23	0.005	0.1	0.3	0.03	2	0.1	0	5	0
LSB-39	1.09	0.105	17	47.6	0.79	905	0.03	2	1.45	0.009	0.17	0.8	0.05	4.3	0.1	0.08	5	0.8
LSB-40	0.19	0.075	10	29.2	0.36	185	0.019	1	1.07	0.007	0.09	0.2	0.02	0.6	0.1	0.07	6	0
LSB-41	0.58	0.138	19	25.1	0.54	342	0.041	1	0.98	0.006	0.13	0.5	0.03	3.5	0.1	0	4	0
LSB-42	0.58	0.075	18	79.1	1.21	356	0.067	1	1.76	0.008	0.2	0.6	0.03	5	0.2	0	6	0
LSB-43	0.56	0.075	12	65	1.63	338	0.079	1	2.24	0.013	0.29	1.5	0.03	6	0.2	0.06	7	0
LSB-44	2.87	0.135	19	51.2	0.71	864	0.012	5	1.02	0.01	0.1	0.1	0.11	2.2	0.1	0.38	3	1.7
LSB-45	0.43	0.097	8	74.8	1.35	290	0.037	1	1.87	0.006	0.11	0.3	0.04	4.9	0.1	0.07	6	0
LSB-46	0.13	0.055	10	75.5	0.86	181	0.052	1	1.3	0.006	0.08	0.4	0.05	2.8	0.1	0	6	0
RE LSB-46	0.13	0.049	10	74.3	0.81	182	0.054	1	1.28	0.006	0.1	0.5	0.04	3.1	0.1	0	5	0
LSB-47	0.1	0.058	12	80.1	0.82	137	0.03	1	1.36	0.005	0.09	0.3	0.04	2.8	0.1	0.06	5	0
LSB-48	0.2	0.096	21	30.2	0.42	421	0.013	1	1.06	0.004	0.1	0.2	0.05	5.6	0.1	0	3	0
LSB-49	0.36	0.095	17	71.7	1	325	0.039	1	1.16	0.007	0.16	0.5	0.02	4.8	0.1	0	4	0
LSB-50	0.32	0.09	17	86	1.06	309	0.041	1	1.21	0.009	0.14	0.5	0.02	4.9	0.1	0	4	0
LSB-51	0.38	0.064	12	337.5	3.03	279	0.065	1	2.42	0.012	0.13	0.6	0.04	6.2	0.2	0	7	0
LSB-52	0.63	0.099	9	260.9	2.8	396	0.041	2	2.02	0.012	0.13	0.1	0.05	6	0.1	0.09	6	0.5
LSB-53	0.37	0.117	7	163.3	1.56	140	0.069	1	1.35	0.009	0.1	0.2	0	3.1	0.1	0	5	0

ELEMENT	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
SAMPLES	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
LSB-54	0.27	0.057	9	77.1	0.99	169	0.061	1	1.53	0.007	0.08	0.2	0.01	2.7	0.1	0	5	0
LSB-55	0.36	0.051	3	11.3	0.13	50	0.014	1	0.4	0.018	0.03	0.4	0.02	0.3	0.1	0.05	2	0.5
LSB-56	1.31	0.086	10	51.1	1.05	211	0.064	2	1.79	0.013	0.3	1	0.05	4	0.3	0.08	6	0.5
LSB-57	0.65	0.075	8	23.1	0.41	103	0.033	1	1.03	0.014	0.07	0.5	0.01	1.3	0.1	0.06	5	0.5
LSB-58	0.28	0.064	2	4.4	0.12	25	0.031	1	0.25	0.023	0.02	0.1	0.01	0.2	0.1	0.05	2	0.5
LSB-59	0.1	0.044	5	14.8	0.25	42	0.03	1	0.77	0.011	0.04	0.5	0.02	0.6	0.1	0.05	4	0.5
LSC-0	0.14	0.067	22	20.6	1.2	278	0.029	1	1.96	0.003	0.13	0.9	0.02	7.8	0.1	0	7	0.5
LSC-1	0.13	0.062	22	21.2	1.17	290	0.029	1	1.96	0.003	0.13	0.8	0.03	7.7	0.2	0	7	0.5
LSC-2	0.2	0.067	12	29.1	0.64	215	0.043	1	1.31	0.008	0.17	0.8	0.06	2	0.2	0.07	6	0
LSC-3	0.19	0.062	13	25.6	0.53	236	0.053	1	1.21	0.006	0.17	0.9	0.07	1.8	0.2	0.07	6	0
LSC-4	0.18	0.085	12	29.6	0.68	215	0.047	1	1.39	0.005	0.17	1.6	0.03	2.4	0.2	0.07	6	0
LSC-5	0.12	0.042	15	35.8	0.94	104	0.07	1	1.8	0.007	0.19	1.6	0.03	3.4	0.2	0	6	0
LSC-6	0.15	0.039	10	31.7	0.41	103	0.068	2	1.11	0.006	0.08	0.7	0.05	2	0.2	0.06	7	0
LSC-6A	0.11	0.051	9	25.9	0.5	102	0.054	1	1.22	0.007	0.11	1	0.06	2	0.2	0	6	0
LSC-7	0.1	0.034	9	26.4	0.29	105	0.062	1	0.92	0.006	0.08	0.8	0.05	1.7	0.2	0	7	0
LSC-8	0.1	0.032	8	23.4	0.25	101	0.061	1	0.79	0.005	0.07	0.7	0.04	1.6	0.2	0	6	0
LSC-9	0.15	0.056	11	29.3	0.53	115	0.054	1	1.15	0.006	0.15	0.9	0.05	2.4	0.2	0	6	0
LSC-10	0.21	0.073	14	40.1	0.71	87	0.063	1	1.19	0.006	0.14	0.7	0.02	2.7	0.2	0	4	0
LSC-11	0.21	0.073	14	32.7	0.72	179	0.065	1	1.45	0.007	0.13	0.7	0.02	2.7	0.2	0	7	0
LSC-12	0.13	0.043	11	25.6	0.38	89	0.084	1	1.22	0.006	0.1	0.5	0.03	2	0.3	0	7	0
LSC-13	0.16	0.082	12	31.9	0.58	119	0.045	0	1.56	0.006	0.11	0.5	0.02	2.1	0.2	0.06	7	0
LSC-14	0.42	0.104	15	36.6	0.97	374	0.051	1	1.62	0.006	0.11	0.7	0.02	5.1	0.2	0	6	0
LSC-15	0.09	0.062	10	16.8	0.27	136	0.023	1	0.8	0.004	0.06	0.5	0.05	1.1	0.1	0.07	5	0
LSC-16	0.17	0.101	16	14.7	0.29	77	0.055	0	0.95	0.005	0.11	0.5	0.03	1.4	0.2	0.06	5	0
LSC-17	0.13	0.112	6	14.9	0.16	193	0.007	0	0.45	0.006	0.05	0.3	0.09	0.3	0.1	0.13	3	0
LSC-18	0.4	0.11	19	21.1	0.5	420	0.042	0	1.16	0.006	0.12	0.4	0.03	4.5	0.2	0	5	0
LSC-19	0.4	0.13	16	30.3	0.74	394	0.026	0	1.42	0.005	0.09	0.3	0.04	4.1	0.1	0	6	0
LSC-20	0.26	0.132	10	25.2	0.92	194	0.057	0	1.24	0.006	0.15	0.2	0.04	3.1	0.1	0.08	7	0
LSC-21	0.33	0.143	14	14.1	1.13	459	0.099	0	1.48	0.005	0.29	0.4	0.03	6.1	0.2	0	8	0
LSC-22	0.09	0.061	9	10.3	0.14	241	0.03	0	0.41	0.016	0.07	0.2	0.05	1.1	0.1	0.07	3	0
LSC-23	0.36	0.127	25	16.5	0.8	688	0.055	0	1.31	0.009	0.18	0.3	0.03	4.2	0.2	0	5	0
LSC-24	0.33	0.161	17	24.9	0.38	448	0.021	0	0.86	0.012	0.1	0.2	0.08	3.3	0.1	0.08	3	0
LSC-25	0.23	0.064	24	18.4	0.88	398	0.066	0	1.32	0.007	0.2	0.2	0.03	4.1	0.2	0	6	0
LSC-26	0.27	0.079	15	30.3	1.22	259	0.052	0	1.79	0.004	0.11	0.3	0.01	4.8	0.1	0	7	0
RE LSC-26	0.27	0.079	14	30.9	1.21	243	0.055	0	1.79	0.004	0.11	0.3	0.01	4.8	0.2	0	7	0

ELEMENT	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
SAMPLES	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
LSC-27	0.54	0.065	15	30	1.31	431	0.056	0	1.75	0.005	0.13	0.4	0.02	5.1	0.2	0	6	0
LSC-28	0.45	0.089	15	32.8	1.08	422	0.028	0	1.78	0.007	0.11	0.3	0.02	3.2	0.2	0	6	0
LSC-29	0.47	0.124	12	25.1	1	367	0.036	0	1.34	0.004	0.07	0.4	0.02	4.5	0.1	0	5	0
LSC-30	0.62	0.093	13	75.3	1.37	361	0.047	0	1.7	0.008	0.16	0.5	0.03	5.3	0.2	0	6	0
LSC-31	0.61	0.159	8	24.7	0.31	351	0.017	0	1.08	0.009	0.07	0.3	0.01	0.7	0.1	0.14	5	0
LSC-32	0.35	0.072	9	51.7	0.68	190	0.025	0	1.3	0.007	0.07	0.3	0.01	1.5	0.2	0.07	6	0
LSC-33	0.09	0.048	10	41	0.3	75	0.074	0	0.87	0.005	0.07	1.4	0.03	1.9	0.1	0.06	7	0
LSC-34	0.6	0.114	12	137.4	1.42	125	0.067	1	1.19	0.01	0.13	1.1	0.01	4.2	0.2	0	4	0
LSC-35	0.73	0.088	9	245.7	1.94	156	0.047	1	1.29	0.009	0.07	1.4	0.01	4.2	0.1	0.08	4	0
LSC-36	0.81	0.107	7	28.8	0.36	234	0.023	1	0.7	0.02	0.04	0.2	0.03	0.8	0.2	0.17	3	0
LSC-37	0.64	0.094	12	124.1	1.22	271	0.052	1	1.69	0.014	0.06	0.5	0.04	3.5	0.2	0.1	6	0.5
LSC-38	0.54	0.065	12	243.2	2.2	268	0.073	1	1.9	0.013	0.06	0.6	0.02	5.6	0.2	0.07	6	0
LSC-39	0.34	0.06	3	7.6	0.16	130	0.037	0	0.51	0.03	0.03	0.1	0.02	0.5	0	0.1	2	0
LSC-40	0.36	0.061	12	60.2	0.65	344	0.038	0	1.4	0.007	0.11	0.3	0.02	1.8	0.2	0.07	6	0
LSC-41	0.28	0.058	16	137.2	1.41	174	0.068	0	1.47	0.007	0.11	0.6	0.02	4.1	0.2	0	5	0
LSC-42	0.4	0.12	19	67.8	0.66	554	0.017	1	1.24	0.006	0.12	0.4	0.05	1.6	0.2	0.12	5	0
LSC-43	0.86	0.069	15	103.7	1.08	405	0.051	1	1.25	0.007	0.12	0.5	0.05	4.4	0.2	0.12	5	0.5
LSC-44	0.27	0.076	9	139.9	1.36	173	0.044	0	1.44	0.005	0.08	0.6	0.03	4	0.1	0.06	6	0
LSC-45	0.26	0.167	7	117.9	0.55	190	0.027	1	0.79	0.005	0.06	0.4	0.07	1.6	0.1	0.15	5	0
LSC-46	0.2	0.069	12	129.4	1.18	148	0.066	1	1.55	0.007	0.08	0.6	0.03	3.5	0.1	0	6	0
LSC-47	0.33	0.19	6	38	0.59	459	0.007	1	0.75	0.004	0.08	0.2	0.12	1.9	0	0.26	4	0.5
LSC-48	1.6	0.18	17	61.1	0.72	1136	0.013	3	1.1	0.004	0.06	0.2	0.17	3.8	0.1	0.24	3	0.8
LSD-1	0.41	0.044	12	40.8	0.7	321	0.082	1	1.32	0.01	0.17	1.1	0.03	3.6	0.3	0	6	0
LSD-2	0.29	0.104	8	16.8	0.3	275	0.022	1	0.76	0.01	0.11	0.9	0.04	1.4	0.1	0.15	4	0
LSD-3	0.39	0.076	9	24.2	0.32	478	0.025	1	0.78	0.012	0.12	0.3	0.07	0.9	0.1	0.07	5	0
LSD-4	0.15	0.063	10	35.1	0.59	115	0.061	0	1.21	0.007	0.1	1.1	0.03	2.7	0.3	0	5	0
LSD-5	0.11	0.053	9	31.9	0.49	81	0.079	0	0.99	0.006	0.07	1.1	0.04	2.4	0.3	0	6	0
LSD-6	1.25	0.146	2	8.4	0.13	467	0.011	3	0.31	0.014	0.08	0.3	0.15	0.5	0.1	0.34	1	0
LSD-7	0.61	0.091	30	35.7	0.66	917	0.036	1	1.8	0.019	0.14	1.2	0.08	2.8	0.5	0.11	6	0.6
LSD-8	0.18	0.106	2	8.6	0.08	126	0.006	1	0.3	0.018	0.06	0.4	0.14	0.2	0.2	0.11	2	0
LSD-9	0.1	0.095	22	36.4	0.42	226	0.058	1	1.78	0.007	0.1	1	0.06	2.9	0.5	0	9	0.7
LSD-10	0.17	0.046	9	27.2	0.45	106	0.081	1	0.91	0.009	0.09	1.6	0.03	2.3	0.2	0	6	0
RE LSD-10	0.17	0.048	9	25.5	0.44	107	0.078	1	0.91	0.009	0.09	1.6	0.04	2.2	0.2	0.06	6	0
LSD-11	0.21	0.068	11	41.5	0.81	128	0.07	1	1.42	0.009	0.13	1.6	0.02	3.1	0.2	0	7	0
LSD-12	0.46	0.088	17	27.3	0.57	441	0.041	1	1.5	0.012	0.16	0.5	0.02	1.9	0.2	0.06	7	0

ELEMENT	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
SAMPLES	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
LSD-13	0.26	0.062	11	26.6	0.45	251	0.04	1	1.2	0.008	0.12	1	0.02	1.3	0.2	0	7	0
LSD-14	0.26	0.052	9	41.5	0.8	328	0.067	1	1.63	0.007	0.11	1	0.08	3	0.2	0.07	6	0
LSD-15	0.14	0.053	12	30.5	0.58	127	0.071	1	1.37	0.008	0.14	0.7	0.04	2.4	0.2	0	7	0
LSD-16	0.53	0.089	12	31	0.58	932	0.032	1	1.08	0.02	0.08	0.4	0.04	2.4	0.1	0.1	5	0.6
LSD-17	0.5	0.1	19	57.7	1.28	904	0.041	1	2.18	0.009	0.13	0.5	0.05	5.5	0.2	0.09	8	0
LSD-18	0.88	0.123	17	45.7	1.07	1033	0.035	2	1.92	0.01	0.12	0.4	0.06	4.1	0.2	0.14	7	0
LSD-19	0.24	0.063	12	40.6	0.77	177	0.053	1	1.45	0.013	0.09	0.7	0.03	2.7	0.2	0	6	0
LSD-20	0.21	0.067	14	25.8	0.32	127	0.044	1	1.52	0.013	0.09	0.7	0.03	1.3	0.2	0	7	0
LSD-21	0.15	0.068	10	19.4	0.85	192	0.068	1	1.4	0.007	0.17	0.2	0.01	3.6	0.2	0	7	0
LSD-22	0.19	0.065	11	30.9	0.52	177	0.051	1	1.23	0.007	0.07	0.4	0.03	2.3	0.1	0	6	0
LSD-23	0.13	0.079	12	27.2	0.43	336	0.039	1	0.98	0.007	0.08	0.3	0.05	2.1	0.1	0.08	6	0
LSD-24	0.43	0.094	7	8.8	0.25	187	0.035	1	0.67	0.029	0.04	0.1	0.04	1.8	0.1	0.08	2	0.6
LSD-25	0.5	0.115	18	24.8	0.81	1088	0.012	1	1.62	0.006	0.09	0.3	0.04	7.9	0.1	0	6	0
LSD-26	0.92	0.135	15	18.8	0.57	912	0.015	2	1.35	0.015	0.07	0.3	0.09	3	0.1	0.17	5	0.7
LSD-27	0.84	0.148	10	24.5	0.92	791	0.021	1	1.43	0.009	0.07	0.4	0.04	3.7	0.1	0.1	6	0.5
LSD-28	0.7	0.075	12	37.5	1.19	437	0.043	1	1.61	0.006	0.1	0.4	0.03	5.7	0.1	0	6	0
LSD-29	0.7	0.08	12	52.3	1.69	557	0.057	0	2.32	0.007	0.15	0.3	0.04	7.7	0.2	0	9	0
LSD-30	0.42	0.1	12	60.2	1.23	261	0.061	1	1.57	0.006	0.11	0.6	0.01	5.3	0.1	0	6	0
LSD-32	0.92	0.151	23	268.6	1.24	346	0.042	1	2.18	0.009	0.1	0.4	0.04	5.5	0.1	0.07	8	0
LSD-33	0.62	0.095	22	68.3	0.85	237	0.036	1	1.89	0.007	0.08	0.5	0.05	3.1	0.2	0.09	8	0
LSD-34	0.4	0.088	12	71.7	0.99	206	0.065	1	1.66	0.009	0.1	0.8	0.04	4.2	0.2	0	7	0.9
LSD-35	0.8	0.1	14	137.6	1.7	219	0.084	1	1.71	0.014	0.21	0.6	0.02	5.5	0.2	0	7	0
LSD-36	0.34	0.086	11	160.5	1.53	110	0.092	1	1.5	0.009	0.15	0.7	0.02	3.9	0.2	0	6	0
LSD-37	1.22	0.13	13	115.5	1.15	373	0.044	2	1.58	0.009	0.09	0.5	0.04	3.4	0.3	0.13	6	0.5
LSD-38	1.47	0.082	16	155.9	1.56	390	0.058	2	1.78	0.013	0.13	0.7	0.05	4.2	0.3	0.18	7	2.1
LSD-39	0.36	0.082	15	192.8	1.68	255	0.06	1	1.87	0.011	0.1	0.7	0.03	4.4	0.2	0.08	8	0
LSD-40	0.65	0.119	12	279.9	2.16	285	0.031	1	1.65	0.012	0.05	0.3	0.03	4	0.1	0.09	5	0.5
LSD-41	1.66	0.161	9	129.3	0.99	1006	0.015	3	0.97	0.008	0.08	0.2	0.06	1.8	0.1	0.23	3	0.5
RE LSD-40	0.65	0.117	12	277.9	2.13	297	0.03	1	1.61	0.011	0.05	0.3	0.04	4	0.1	0.08	5	0
LSD-42	0.4	0.065	9	337.4	2.97	183	0.07	2	1.67	0.013	0.06	0.5	0.02	5.9	0.1	0	6	0
LSD-43	0.29	0.076	11	269.2	2.32	166	0.054	1	1.46	0.012	0.08	0.6	0.03	3.9	0.1	0	5	0
LSD-44	0.26	0.049	5	382.3	3.29	77	0.054	2	1.52	0.013	0.07	0.2	0.03	4.9	0.1	0	5	0
LSD-45	0.23	0.034	4	376.2	2.85	155	0.046	1	1.29	0.012	0.03	0.3	0.04	4.3	0	0	4	0
LSD-46	0.29	0.187	6	96	0.48	361	0.022	1	0.9	0.008	0.06	0.6	0.11	1.7	0.2	0.15	5	0
LSD-47	0.46	0.15	3	43.9	0.29	507	0.023	2	0.41	0.009	0.08	0.2	0.17	1	0.1	0.25	3	0

ELEMENT	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
SAMPLES	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
LSD-48	0.32	0.105	4	255.7	1.44	141	0.029	1	1.03	0.01	0.05	0.6	0.05	2.9	0.1	0.07	5	0
LSD-49	0.63	0.206	22	80.2	0.89	571	0.009	1	1.07	0.005	0.09	0.3	0.03	6	0.1	0	3	0
LSD-50	0.61	0.195	22	91.9	0.96	601	0.011	0	1.1	0.006	0.08	0.2	0.02	6.2	0.1	0	3	0.5
LSD-51	2.96	0.107	5	102.6	0.91	807	0.006	8	0.55	0.007	0.04	0.1	0.11	0.8	0.1	0.23	2	0.9
LSD-52	0.54	0.086	10	275.6	2.37	307	0.069	1	1.97	0.012	0.1	0.1	0.03	7	0.1	0	8	0.5
LSD-53	0.2	0.05	3	5.4	0.11	61	0.033	0	0.32	0.033	0.02	0.1	0.01	0.3	0	0	2	0
LSD-54	0.48	0.072	12	155.5	1.45	300	0.11	0	1.78	0.01	0.13	0.2	0.02	4.4	0.2	0	7	0.5
LSD-55	0.24	0.067	2	4.6	0.12	32	0.027	1	0.31	0.022	0.02	0.1	0.01	0.2	0.1	0.05	2	0.5
LSD-56	3.9	0.138	3	11.9	0.25	355	0.004	10	0.28	0.008	0.07	0.1	0.1	0.2	0.3	0.3	1	0.5
LSD-57	1.08	0.093	9	114.4	0.87	157	0.037	2	1.11	0.012	0.08	1.3	0.03	2.1	0.2	0.08	4	0.5
LSD-58	0.9	0.068	12	45.1	0.61	199	0.041	1	1.26	0.012	0.1	0.5	0.03	2.4	0.2	0.09	4	0.5
LSD-59	0.72	0.097	10	33	0.4	145	0.023	1	1.15	0.014	0.08	0.5	0.02	1.1	0.1	0.13	4	0.5
LSE-1	0.12	0.047	8	28	0.35	88	0.062	1	0.66	0.006	0.09	0.4	0.06	1.4	0.2	0	6	0
LSE-2	0.24	0.064	7	13.6	0.23	335	0.026	1	0.52	0.015	0.09	0.3	0.09	1.5	0.2	0.07	4	0
LSE-3	0.22	0.067	14	29.5	0.47	292	0.038	0	1.09	0.009	0.08	0.7	0.03	2	0.2	0	5	0.6
LSE-4	0.17	0.048	9	42.5	0.67	214	0.061	0	1.23	0.01	0.11	1.4	0.03	2.2	0.3	0	7	0
LSE-5	0.28	0.065	10	32	0.41	305	0.031	0	1.15	0.008	0.1	0.5	0.05	1.5	0.2	0	6	0.5
LSE-6	0.19	0.051	13	51.1	0.82	193	0.073	0	1.29	0.007	0.13	1.6	0.03	3.4	0.3	0	6	0
LSE-7	0.54	0.069	11	70.3	1.07	451	0.064	1	1.51	0.007	0.14	1.3	0.03	5.9	0.3	0	8	0
RE LSE-7	0.56	0.07	11	73.8	1.07	446	0.069	1	1.49	0.007	0.14	0.9	0.04	6.1	0.3	0	8	0
LSE-8	0.27	0.051	9	31.8	0.51	185	0.056	0	0.86	0.009	0.06	1	0.01	2.1	0.2	0	4	0
LSE-9	0.28	0.073	12	26.7	0.53	216	0.032	1	1.31	0.009	0.15	0.7	0.02	1.8	0.2	0	6	0
LSE-10	0.25	0.05	10	32.5	0.59	179	0.082	0	1.12	0.006	0.2	2.1	0.02	2.8	0.2	0	7	0
LSE-11	1.84	0.105	5	21.5	0.32	755	0.017	2	0.8	0.008	0.06	0.5	0.09	1.1	0.1	0.23	4	0.6
LSE-12	0.34	0.076	17	37.8	0.77	388	0.072	1	1.4	0.007	0.18	1	0.04	3.4	0.3	0	6	0
LSE-13	0.42	0.089	20	45.3	0.83	644	0.065	2	1.82	0.009	0.25	0.8	0.04	5.4	0.3	0	8	0
LSE-14	0.51	0.087	19	45.7	1.02	571	0.068	1	1.84	0.008	0.16	0.7	0.03	4.7	0.3	0	8	0
LSE-15	0.38	0.095	10	45	0.76	311	0.034	0	1.57	0.008	0.12	0.9	0.03	2.3	0.2	0.06	8	0
LSE-16	0.59	0.169	24	75	1.35	893	0.038	2	2.77	0.011	0.17	0.5	0.1	6.3	0.3	0.11	9	0
LSE-17	0.96	0.207	16	47.3	0.76	1055	0.013	2	1.31	0.01	0.08	0.3	0.16	2.3	0.2	0.2	4	0
LSE-18	0.23	0.076	12	30.2	0.34	98	0.036	1	1.49	0.013	0.07	1.2	0.06	1.4	0.1	0.06	9	0
LSE-19	0.22	0.088	8	31.2	0.54	211	0.031	1	0.89	0.006	0.12	0.3	0.12	1.4	0.2	0.1	5	0
LSE-20	0.21	0.105	12	45.1	0.37	103	0.068	1	1.02	0.017	0.08	0.3	0.14	2.2	0.2	0.11	8	0
LSE-21	0.21	0.137	8	22	0.23	163	0.022	1	0.9	0.008	0.1	0.7	0.14	0.8	0.1	0.2	6	0
LSE-22	0.29	0.084	14	35.2	0.97	172	0.071	1	1.84	0.016	0.14	0.7	0.07	4.5	0.2	0	9	0

ELEMENT	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
SAMPLES	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
LSE-23	0.58	0.11	7	21.8	0.54	762	0.027	2	1.03	0.012	0.09	0.6	0.1	2.3	0.1	0.12	6	0
LSE-24	0.41	0.095	13	44.4	1.43	997	0.067	0	1.91	0.007	0.12	0.5	0.03	8	0.2	0	8	0
LSE-25	0.83	0.101	10	58.9	1.89	510	0.071	1	2.33	0.007	0.17	0.5	0.02	8.3	0.2	0	8	0
LSE-26	0.61	0.103	11	49.2	1.55	706	0.064	1	2.01	0.007	0.13	0.5	0.02	7.6	0.2	0	8	0
LSE-27	0.36	0.086	7	30.3	0.7	530	0.045	1	1.19	0.006	0.11	0.2	0.04	3.5	0.1	0.08	6	0
LSE-28	0.2	0.095	11	60.6	0.9	290	0.034	1	1.73	0.005	0.1	0.3	0.04	3.4	0.1	0	7	0
LSE-29	0.21	0.069	6	29.6	0.43	147	0.036	1	0.87	0.022	0.06	0.3	0.02	1.8	0.1	0	4	0
LSE-30	0.18	0.1	8	56.2	1.04	145	0.042	1	1.58	0.005	0.12	0.4	0.06	3.9	0.1	0	7	0
LSE-31	0.44	0.089	9	49	0.85	219	0.022	0	1.46	0.007	0.06	0.3	0.03	1.5	0.2	0	6	0
LSE-32	0.43	0.151	6	50.5	0.42	196	0.008	0	0.95	0.011	0.04	0.3	0.04	0.5	0.1	0.18	4	0
LSE-33	0.36	0.077	11	256.5	2.27	197	0.058	1	1.71	0.016	0.12	0.4	0.01	5	0.1	0	6	0
LSE-34	0.92	0.105	12	218.5	2.03	182	0.071	1	1.4	0.011	0.16	0.7	0.02	4.6	0.2	0	5	0
LSE-35	0.49	0.069	12	207.8	1.85	153	0.061	2	1.94	0.009	0.13	0.6	0.02	4.8	0.2	0	7	0
LSE-36	2.81	0.172	13	42.9	0.43	577	0.01	3	0.66	0.014	0.07	0.3	0.12	0.8	0.2	0.29	2	1.9
LSE-37	1.18	0.12	10	106.1	0.91	343	0.021	3	0.97	0.01	0.11	1.3	0.09	1.8	0.2	0.19	4	0.6
RE LSE-39	0.16	0.048	2	10.6	0.12	49	0.032	0	0.3	0.028	0.02	0	0.01	0.3	0	0	2	0
LSE-38	0.42	0.069	18	187.4	1.68	297	0.061	1	1.78	0.012	0.09	0.4	0.03	5.3	0.2	0	6	0.5
LSE-39	0.15	0.048	2	10.8	0.12	50	0.032	0	0.3	0.03	0.02	0.1	0.02	0.3	0	0	2	0
LSE-40	0.31	0.062	7	303.6	2.54	213	0.071	1	1.36	0.013	0.07	0.4	0.01	4.3	0.1	0	5	0
LSE-41	0.43	0.083	12	304.5	2.58	501	0.04	1	1.6	0.012	0.12	0.3	0.06	6.2	0.1	0	6	0
LSE-42	0.31	0.099	6	303.1	2.2	174	0.041	1	1.5	0.013	0.07	0.5	0.03	4.1	0.1	0	6	0
LSE-43	0.3	0.078	8	276.5	2.54	246	0.081	1	1.72	0.013	0.24	0.3	0.04	4.8	0.2	0	7	0
LSE-44	0.22	0.19	4	330.6	1.16	203	0.017	1	0.8	0.008	0.1	1.6	0.11	1.6	0.1	0.18	5	0
LSE-45	0.19	0.086	5	227.5	2.04	80	0.039	1	1.47	0.009	0.05	0.4	0.05	3.2	0.1	0	6	0
LSE-46	0.25	0.057	11	215.5	2.21	187	0.063	1	1.85	0.01	0.09	0.4	0.02	5.1	0.1	0	6	0
LSE-47	0.55	0.184	15	159.9	2.04	570	0.015	1	2.12	0.007	0.12	0.3	0.06	6.4	0.1	0	7	0
LSE-48	0.24	0.049	8	281.7	2.52	156	0.066	1	1.86	0.011	0.08	0.8	0.02	4.8	0.1	0	7	0
LSF-1	0.18	0.022	4	24.2	0.39	85	0.071	1	0.68	0.015	0.09	0.6	0.01	1.3	0.4	0	4	0
LSF-2	0.17	0.028	3	17	0.24	124	0.038	0	0.56	0.023	0.05	0.2	0.01	0.9	0.3	0	3	0
LSF-3	0.05	0.013	1	3.7	0.05	23	0.014	0	0.14	0.021	0.02	0.1	0	0.1	0.1	0	1	0
LSF-4	0.06	0.02	1	5.1	0.1	44	0.015	0	0.24	0.021	0.03	0.1	0.01	0.2	0.1	0	2	0
LSF-5	0.16	0.031	7	65.9	0.82	102	0.091	0	1.13	0.013	0.14	0.9	0.01	2.2	0.6	0	6	0
LSF-6	0.3	0.046	8	162.3	1.98	340	0.122	1	2.18	0.011	0.33	0.5	0.01	9	0.5	0	9	0
LSF-7	0.12	0.044	7	39.6	0.57	113	0.051	1	0.98	0.011	0.06	0.4	0.02	1.8	0.2	0	5	0
LSF-8	0.06	0.021	3	6.6	0.13	41	0.033	0	0.38	0.025	0.04	0.2	0.01	0.5	0.1	0	2	0

ELEMENT	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
SAMPLES	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
LSF-9	0.09	0.039	7	13.4	0.18	85	0.067	0	0.62	0.011	0.06	0.6	0.02	1.4	0.1	0	5	0
LSF-10	0.29	0.105	14	37.9	0.61	138	0.063	1	1.37	0.008	0.16	1.4	0.01	2.6	0.2	0	5	0
LSF-11	0.08	0.031	6	11.6	0.22	41	0.026	0	0.53	0.013	0.07	0.5	0.01	0.6	0.1	0	4	0
LSF-12	0.83	0.098	14	49.6	0.69	238	0.042	1	0.91	0.011	0.12	1.9	0.02	2.9	0.2	0.08	4	0.6
LSF-13	0.19	0.076	12	18.6	0.37	55	0.045	1	0.94	0.01	0.11	0.8	0.02	1.5	0.1	0	4	0.5
LSF-14	0.24	0.1	14	29.2	0.51	83	0.067	1	1.4	0.006	0.17	1.7	0.01	2.5	0.2	0	5	0.5
LSF-15	0.07	0.02	1	3.5	0.07	33	0.015	1	0.31	0.034	0.03	0.1	0.01	0.2	0	0	2	0
LSF-16	0.4	0.086	16	39.2	0.59	416	0.03	1	1.48	0.01	0.08	0.5	0.02	2.1	0.1	0	6	0
LSF-17	0.12	0.04	3	3.5	0.09	82	0.024	0	0.33	0.031	0.03	0.1	0.01	0.3	0	0.06	2	0
LSF-18	1.11	0.112	10	23.3	0.47	330	0.025	2	1.24	0.018	0.09	0.3	0.04	1.4	0.1	0.14	5	0
LSF-19	0.94	0.132	8	20.6	0.33	271	0.017	2	0.98	0.019	0.06	0.3	0.04	0.7	0.2	0.15	4	0
LSF-20	0.27	0.054	7	14.1	0.35	127	0.044	1	0.86	0.027	0.07	0.4	0.02	1.2	0.1	0	4	0
LSF-21	1.47	0.09	11	126.9	1.8	599	0.08	3	2.15	0.011	0.2	0.5	0.07	10.7	0.3	0.13	8	0
LSF-22	1.34	0.105	4	38.4	0.54	453	0.019	3	0.76	0.008	0.07	0.3	0.12	2.8	0.1	0.21	3	0
LSF-23	0.37	0.181	6	16.7	0.13	167	0.006	1	0.57	0.006	0.08	0.2	0.07	0.4	0.4	0.21	3	0
LSF-24	0.31	0.104	9	22.2	0.35	160	0.047	1	0.94	0.01	0.26	0.6	0.13	1.5	0.4	0.11	9	0
LSF-25	0.6	0.127	11	51.4	0.97	333	0.02	1	1.76	0.01	0.08	0.5	0.11	4.2	0.4	0.15	5	0.7
LSF-26	0.63	0.086	13	63.9	1.37	344	0.055	2	1.91	0.009	0.14	0.8	0.05	9.7	0.2	0.06	7	0.6
LSF-27	2.48	0.126	4	12	0.25	582	0.012	5	0.41	0.008	0.09	0.1	0.19	1	0.1	0.24	2	0
LSF-28	0.51	0.098	21	48.2	1.22	412	0.061	1	1.66	0.006	0.2	0.7	0.02	4.9	0.2	0	6	0
LSF-29	0.89	0.101	19	49.8	1.12	595	0.032	1	1.64	0.007	0.12	0.3	0.03	5	0.1	0	6	0
LSF-30	0.84	0.13	20	71.3	1.08	984	0.02	1	1.9	0.007	0.1	0.4	0.09	4.8	0.2	0.13	6	0
LSF-31	0.8	0.08	14	133.3	1.79	435	0.065	2	2.01	0.009	0.13	0.6	0.04	5.9	0.2	0	7	0
LSF-32	0.85	0.116	12	114.5	1.46	472	0.033	2	1.81	0.01	0.12	0.3	0.06	4.8	0.2	0.12	6	0
LSF-33	2.45	0.14	6	42.1	0.48	412	0.016	2	0.72	0.007	0.07	0.2	0.09	1.2	0.1	0.27	2	0.5
LSF-34	0.63	0.129	7	52.8	0.62	303	0.029	2	1.01	0.016	0.08	0.4	0.05	1.5	0.2	0.11	5	0
LSF-35	2.68	0.106	23	52.3	0.46	935	0.006	7	0.56	0.008	0.07	0.1	0.17	1.2	0.1	0.23	1	0.5
LSF-36	0.91	0.077	21	298.7	3.18	813	0.025	2	2.1	0.008	0.14	0.2	0.07	10.7	0.1	0.09	7	0
LSF-37	0.66	0.081	8	240.4	2.49	382	0.045	2	1.72	0.011	0.08	0.3	0.08	4.9	0.1	0	6	0
RE LSF-37	0.68	0.084	8	240.4	2.56	404	0.044	2	1.8	0.011	0.08	0.2	0.09	5	0.1	0	6	0
LSF-38	0.55	0.078	9	369	3.57	243	0.05	2	2.15	0.013	0.07	0.5	0.05	5.9	0.1	0.06	7	0
LSF-39	0.84	0.089	15	273.2	2.82	276	0.067	2	2.26	0.014	0.23	1	0.06	6.6	0.3	0	8	0
LSF-40	0.94	0.087	8	209.1	1.82	242	0.044	2	1.29	0.015	0.08	1.4	0.05	3.5	0.2	0	5	0
LSF-41	0.61	0.093	8	263.2	2.2	223	0.045	1	1.74	0.014	0.08	1.8	0.02	4.8	0.2	0	6	0
LSF-42	1.71	0.122	9	134.4	1.24	497	0.022	5	1.03	0.014	0.06	1.1	0.06	2.3	0.2	0.17	3	0

ELEMENT	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
SAMPLES	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
LSF-43	1.94	0.155	9	83.3	0.8	417	0.01	5	0.78	0.011	0.07	0.8	0.11	1.2	0.1	0.2	2	0
LSF-44	1.66	0.111	16	121.8	1.7	711	0.014	1	1.91	0.007	0.09	0.3	0.11	6.7	0.1	0.12	6	0
LSF-45	3.09	0.123	4	16.8	0.19	398	0.002	9	0.2	0.01	0.07	0.1	0.17	0.3	0	0.25	0	0
LSF-46	1.59	0.149	6	123.5	1.24	628	0.014	5	1.15	0.009	0.08	0.2	0.16	2.6	0.1	0.22	4	0.5
LSF-47	0.39	0.051	5	337.2	2.8	174	0.06	2	1.79	0.011	0.05	0.3	0.04	5.6	0.1	0	6	0
LSF-48	1.93	0.143	2	127.4	0.5	323	0.009	5	0.37	0.008	0.08	0.1	0.32	0.8	0.1	0.3	1	0
LSF-49	0.65	0.087	12	103.7	2.21	514	0.099	1	2.38	0.01	0.31	0.2	0.04	6.7	0.2	0	8	0
LSF-50	0.53	0.096	7	108	1.58	260	0.026	1	1.77	0.007	0.06	0.2	0.05	6.2	0.1	0	5	0
LSF-51	0.82	0.067	6	448.1	2.87	309	0.068	2	1.71	0.012	0.05	0.1	0.03	5.8	0.1	0	6	0.5
LSF-52	0.37	0.088	11	216.2	1.97	141	0.109	1	1.81	0.013	0.11	0.3	0.03	4.4	0.2	0	7	0
LSF-53	0.6	0.105	15	149.3	1.66	144	0.117	0	1.96	0.015	0.12	0.2	0.01	5	0.2	0	7	0
RE LSF-53	0.61	0.106	16	148.6	1.69	145	0.118	1	1.96	0.015	0.12	0.2	0.02	5.2	0.2	0	7	0
LSF-54	0.88	0.118	18	65.6	0.95	257	0.081	0	1.67	0.016	0.09	0.3	0.02	3.6	0.2	0.07	7	2.3
LSF-55	0.42	0.133	7	48.3	0.39	180	0.019	1	1.05	0.009	0.05	0.7	0.01	1	0.1	0.06	4	0.5
LSF-56	0.6	0.048	10	73.7	1.22	289	0.092	1	1.64	0.006	0.18	0.5	0.01	5.8	0.2	0.05	8	0.5
LSF-57	0.29	0.07	16	57.1	0.92	227	0.074	3	1.67	0.009	0.18	1.6	0.03	3.8	0.2	0.05	6	0.5
LSF-58	0.12	0.056	7	23.9	0.77	193	0.068	1	1.25	0.005	0.15	0.4	0.05	2.9	0.2	0.05	8	0.5
LSF-59	0.14	0.055	11	29.9	0.61	87	0.086	1	1.64	0.008	0.27	3.6	0.08	2.6	0.3	0.05	8	0.5
LSG-9	0.63	0.093	12	30.9	1	103	0.048	1	1.4	0.01	0.11	0.5	0.04	4	0.2	0	5	0
LSG-10	0.16	0.031	5	7.8	0.12	53	0.044	1	0.43	0.02	0.04	0.2	0.01	0.6	0.1	0	3	0
LSG-11	0.62	0.102	4	7.9	0.18	68	0.022	1	0.47	0.029	0.04	0.2	0.02	0.4	0.1	0.11	3	0
LSG-12	0.33	0.063	3	2.5	0.1	25	0.039	1	0.28	0.041	0.02	0	0.01	0.3	0	0	2	0
LSG-13	0.99	0.129	7	14	0.28	96	0.018	1	0.86	0.02	0.05	0.3	0.04	0.7	0.1	0.15	3	0
LSG-14	0.44	0.114	14	25	0.44	119	0.028	1	1.32	0.014	0.08	1	0.02	1.2	0.2	0	5	0
LSG-15	0.37	0.074	16	32.4	0.6	94	0.049	1	1.36	0.009	0.12	1.1	0.01	2	0.2	0	5	0
LSG-16	0.71	0.053	16	110.5	1.06	126	0.075	1	1.22	0.013	0.15	2	0.04	3.6	0.2	0	5	0
LSG-17	1.09	0.087	6	8.8	0.16	98	0.034	1	0.76	0.036	0.03	2.8	0.02	0.5	0.1	0.29	3	0.9
LSG-18	0.4	0.066	8	9.3	0.13	175	0.032	1	0.55	0.039	0.02	0.2	0.02	0.7	0.2	0.12	3	0.5
LSG-19	0.22	0.073	13	27.5	0.39	106	0.04	1	1.1	0.012	0.16	0.6	0.02	1.1	0.2	0	6	0
LSG-20	0.29	0.054	14	34.7	0.41	99	0.05	1	1.3	0.007	0.15	0.5	0.02	1.4	0.2	0	7	0
LSG-21	0.49	0.075	22	32.1	0.62	172	0.062	0	1.46	0.012	0.15	0.8	0.01	2.5	0.2	0	6	0
LSG-22	0.63	0.092	11	30.9	0.47	267	0.045	0	1.16	0.02	0.06	0.4	0.02	2	0.1	0	6	0
LSG-23	0.33	0.061	27	51.5	1.01	327	0.113	1	1.99	0.011	0.25	1.5	0.03	5	0.4	0	9	0
LSG-24	0.33	0.086	18	47.7	1.16	225	0.119	2	1.76	0.011	0.17	1	0.02	5.2	0.2	0	10	0
LSG-25	0.23	0.093	18	26.4	0.56	913	0.025	1	1.17	0.006	0.14	0.3	0.06	2.6	0.2	0.09	6	0.5

ELEMENT	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
SAMPLES	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
LSG-26	0.35	0.089	28	23.6	0.47	551	0.011	0	1.14	0.007	0.1	0.2	0.12	2.9	0.1	0	4	0
LSG-27	0.21	0.061	19	39.9	0.65	118	0.068	1	1.59	0.009	0.17	2.7	0.02	3	0.3	0	7	0
LSG-28	0.64	0.203	20	20.9	1.43	328	0.009	0	2.16	0.003	0.07	0.2	0.02	8.3	0.1	0	9	0
LSG-29	0.28	0.095	21	77.5	1.28	250	0.053	0	2.03	0.005	0.13	0.4	0.03	4.5	0.2	0	8	0
LSG-30	0.36	0.089	21	60.9	1.29	492	0.046	1	1.89	0.005	0.15	0.4	0.01	4.8	0.2	0	7	0.5
LSG-31	0.52	0.123	11	29.7	0.36	618	0.011	0	0.68	0.013	0.04	0.1	0.08	1.3	0.1	0.15	2	0.6
LSG-32	0.8	0.094	6	310.5	3.15	281	0.05	2	1.73	0.019	0.06	0.5	0.04	5.3	0.2	0.06	6	0.5
LSG-33	0.39	0.074	3	45.1	0.37	119	0.035	0	0.53	0.026	0.02	0.2	0.03	0.8	0.1	0.06	3	0.5
LSG-34	0.27	0.073	13	96	1.09	247	0.046	1	1.77	0.009	0.12	1.6	0.03	2.5	0.2	0	7	0.5
LSG-35	1.07	0.1	6	62.4	0.8	640	0.022	2	0.99	0.008	0.12	1.7	0.12	2.7	0.1	0.09	4	0.5
LSG-38	0.43	0.072	9	100.5	1.23	191	0.037	0	1.34	0.014	0.09	1.1	0.02	3.2	0.1	0.06	5	0.5
LSG-39	0.42	0.052	7	239.9	2.28	167	0.058	2	1.51	0.015	0.07	2.2	0.02	5	0.1	0	5	0.5
LSG-40	0.72	0.094	11	253.5	2.18	387	0.038	2	1.83	0.011	0.11	1.1	0.05	6.1	0.2	0.09	6	0.5
LSG-41	0.41	0.069	9	262	2.75	237	0.064	2	2.06	0.012	0.13	2	0.04	6.5	0.2	0	7	0.5
LSG-42	0.68	0.071	7	264.9	2.43	286	0.045	2	1.82	0.011	0.12	0.9	0.05	6.3	0.2	0.08	6	0.5
LSG-43	0.45	0.085	8	280.9	2.76	101	0.073	2	1.68	0.018	0.14	2	0.02	5.3	0.1	0	5	0.5
LSG-44	1.8	0.099	6	134.1	1.29	368	0.02	7	0.99	0.011	0.1	0.9	0.12	2.1	0.1	0.17	3	0.6
LSG-45	2.19	0.133	5	22	0.34	430	0.004	8	0.27	0.007	0.06	0.1	0.2	0.3	0.1	0.3	1	0.5
LSG-46	0.21	0.058	11	214.2	1.73	105	0.068	2	1.56	0.011	0.13	1.4	0.01	3.4	0.2	0.05	7	0.5
LSG-47	0.23	0.032	9	211.9	1.84	111	0.071	1	1.52	0.008	0.09	2.3	0.02	4.7	0.1	0.05	6	0.5
LSH-8	1.31	0.103	8	22.4	0.81	97	0.026	3	0.9	0.007	0.22	1	0.04	2.9	0.2	0.05	4	0.5
LSH-9	0.48	0.045	11	21.7	0.42	97	0.052	1	0.79	0.01	0.17	1.8	0.01	2.3	0.1	0.05	4	0.5
LSH-10	0.62	0.061	11	26	0.65	114	0.046	1	1.09	0.009	0.12	1.2	0.02	2.3	0.2	0.05	5	0.5
LSH-11	0.85	0.058	13	29	0.54	147	0.046	1	1.24	0.008	0.13	1.8	0.02	2.6	0.2	0.05	5	0.5
LSH-12	0.58	0.096	21	30.5	0.87	152	0.081	1	1.49	0.018	0.24	2.9	0.01	3.7	0.3	0.05	5	0.5
LSH-13	1.6	0.107	5	13.4	0.29	113	0.022	3	0.76	0.02	0.07	0.6	0.06	0.7	0.1	0.18	3	0.5
LSH-14	0.22	0.071	4	8	0.16	28	0.03	1	0.43	0.018	0.03	0.2	0.02	0.4	0.1	0.05	3	0.5
LSH-15	0.69	0.094	5	9.6	0.19	89	0.017	1	0.69	0.025	0.04	0.5	0.02	0.6	0.1	0.09	3	0.5
LSH-16	0.53	0.061	11	156.4	1.42	142	0.054	2	1.53	0.017	0.08	0.8	0.03	4.1	0.2	0.05	6	0.6
LSH-18	0.54	0.062	16	47.7	0.59	132	0.055	1	1.09	0.012	0.14	0.7	0.03	2.8	0.2	0.05	4	0.6
LSH-19	0.06	0.026	5	26.5	0.27	32	0.016	1	0.44	0.016	0.03	0.3	0.02	0.4	0.1	0.05	3	0.5
LSH-20	0.52	0.079	11	269.6	2.02	127	0.061	2	1.44	0.01	0.11	1	0.02	5.3	0.1	0.05	5	0.6
LSH-21	0.52	0.076	10	284.6	1.78	127	0.061	1	1.15	0.009	0.11	1.2	0.01	5.3	0.1	0.05	4	0.5
LSH-22	0.77	0.066	12	130.7	1.2	278	0.066	2	1.2	0.012	0.24	1.6	0.03	3.1	0.2	0.05	5	0.5
LSH-23	0.24	0.064	15	69.9	1.18	181	0.055	1	1.73	0.004	0.12	1	0.02	4	0.2	0.05	6	0.5

ELEMENT	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
SAMPLES	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
LSH-24	0.34	0.078	15	37.6	0.74	351	0.061	1	1.48	0.01	0.19	3.8	0.03	3.7	0.3	0.05	8	0.5
LSH-25	2.26	0.13	11	12.2	0.15	697	0.004	6	0.26	0.011	0.1	0.1	0.25	0.4	0.1	0.27	1	0.6
RE LSH-26	0.38	0.082	20	79	1.38	348	0.089	1	1.73	0.008	0.25	2	0.02	5.1	0.2	0.05	7	0.5
LSH-26	0.35	0.082	20	85	1.45	354	0.097	1	1.75	0.008	0.22	1.9	0.02	5	0.2	0.05	7	0.5
LSH-27	0.31	0.072	19	73.5	1.41	704	0.041	1	2.09	0.006	0.21	0.4	0.05	6.3	0.3	0.06	8	0.5
LSH-29	0.37	0.068	7	323.4	2.97	144	0.075	1	1.56	0.008	0.11	0.3	0.01	5.7	0.1	0.05	5	0.5
LSH-30	0.26	0.083	8	115.7	1.18	201	0.044	1	1.16	0.013	0.07	0.2	0.02	3	0.1	0.05	5	0.5
LSH-31	0.5	0.091	7	152.2	1.77	217	0.066	1	1.51	0.006	0.09	0.6	0.01	4.9	0.1	0.05	6	0.5
LSH-32	1.55	0.236	12	50.6	0.26	395	0.01	4	0.67	0.006	0.03	0.1	0.08	0.7	0.1	0.41	2	0.9
LSH-33	0.41	0.058	5	309.5	2.67	71	0.059	1	1.5	0.011	0.05	0.6	0.03	5.4	0.1	0.05	5	0.5
LSH-34	0.63	0.074	10	188.2	2.36	223	0.061	2	2.49	0.007	0.08	0.2	0.06	10.9	0.1	0.05	6	0.6
LSH-35	0.42	0.077	5	96.6	1.64	436	0.012	1	2.26	0.006	0.1	0.3	0.03	5	0.1	0.05	6	0.5
LSH-36	0.27	0.08	5	130.2	0.92	102	0.042	1	1	0.006	0.09	0.9	0.11	2.4	0.1	0.06	5	0.5
LSH-37	0.41	0.077	6	132	1.98	210	0.022	2	2.37	0.007	0.07	0.4	0.03	4.9	0.1	0.05	6	0.5
LSH-38	0.74	0.063	6	389.2	3.05	245	0.05	2	1.76	0.015	0.12	0.6	0.04	6.6	0.2	0.05	6	0.5
LSH-39	0.76	0.065	6	401.9	3.41	247	0.058	3	1.92	0.014	0.11	0.6	0.05	6.8	0.2	0.05	6	0.5
LSH-40	1.92	0.091	5	214.3	1.99	434	0.029	6	1.41	0.013	0.12	0.8	0.07	3.8	0.2	0.18	4	0.6
RE LSH-35	0.44	0.074	5	99.4	1.53	422	0.011	1	2.18	0.006	0.11	0.3	0.02	5.1	0.1	0.05	6	0.5
LSH-41	0.91	0.06	9	295.3	2.61	346	0.071	3	2.09	0.015	0.2	1.6	0.04	6.3	0.2	0.05	7	0.7
LSH-42	0.56	0.065	7	331.5	2.82	160	0.077	2	1.95	0.016	0.16	2.1	0.04	6.4	0.2	0.05	6	0.5
LSH-43	0.8	0.08	6	269.3	2.59	279	0.042	2	1.44	0.013	0.09	1	0.05	5.3	0.1	0.05	5	0.5
LSH-44	0.71	0.058	6	296.3	2.93	163	0.076	2	1.88	0.018	0.14	1.7	0.03	6	0.2	0.05	6	0.5
LSH-45	0.44	0.062	6	373.8	3.03	107	0.081	2	1.63	0.016	0.1	1.1	0.01	6.3	0.1	0.05	5	0.5
LSH-46	0.29	0.056	11	309.2	3.18	156	0.059	2	2.24	0.013	0.06	1.4	0.04	6.8	0.1	0.05	7	0.5
LSH-48	0.79	0.193	14	73.9	1.56	144	0.042	1	1.57	0.004	0.09	0.2	0.02	4.4	0.1	0.05	6	1.6
LSH-49	0.67	0.179	24	77.6	1.52	204	0.027	1	1.67	0.009	0.06	0.3	0.03	5.9	0.1	0.05	5	1.6
LSH-50	0.6	0.137	12	53.7	1.22	238	0.014	1	1.64	0.01	0.04	0.2	0.09	4.5	0.2	0.05	6	0.8
LSH-51	0.52	0.109	12	134.1	1.34	98	0.12	1	1.58	0.014	0.35	0.2	0.03	4.3	0.2	0.05	6	0.5
LSH-53	0.21	0.07	13	59.2	0.89	133	0.064	1	1.43	0.006	0.16	2.5	0.06	3.2	0.2	0.05	6	0.5
LSH-54	0.33	0.093	6	22	0.37	367	0.023	1	0.69	0.013	0.06	0.3	0.04	1	0.1	0.11	3	0.5
LSH-55	0.26	0.1	11	43.9	0.86	245	0.035	1	1.36	0.01	0.09	0.3	0.02	2.8	0.1	0.05	5	0.5
LSH-58	0.43	0.111	13	97.9	1.3	445	0.064	1	1.85	0.006	0.17	0.7	0.03	5.5	0.2	0.05	7	0.5
LSH-59	0.28	0.109	9	41.1	0.75	88	0.098	1	1.84	0.024	0.23	1.2	0.05	3	0.2	0.05	8	0.5
LSI-9	0.3	0.05	3	6	0.17	34	0.028	1	0.31	0.029	0.03	0.2	0.01	0.4	0.1	0.05	2	0.5
LSI-10	1.04	0.094	12	35.1	0.69	97	0.05	1	1.12	0.016	0.18	3	0.05	2.4	0.2	0.05	5	0.5

ELEMENT	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
SAMPLES	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
LSI-11	0.63	0.087	10	38.8	0.61	130	0.038	1	1.18	0.011	0.13	1.4	0.04	2.2	0.2	0.05	6	0.6
LSI-12	1	0.095	15	68.6	1.62	214	0.054	2	1.74	0.012	0.17	1	0.07	5.4	0.3	0.05	6	0.5
LSI-13	0.34	0.075	4	3.7	0.11	24	0.046	1	0.28	0.027	0.02	0.1	0.01	0.3	0.1	0.05	1	0.5
LSI-14	0.41	0.053	16	34.2	0.65	96	0.057	1	1.57	0.007	0.17	1.4	0.01	2.6	0.2	0.05	5	0.5
LSI-15	0.3	0.062	12	31.3	0.47	73	0.052	1	1.08	0.009	0.1	1.1	0.01	1.9	0.1	0.05	4	0.5
LSI-16	0.78	0.07	9	338.3	3.03	125	0.054	3	1.93	0.012	0.08	0.9	0.02	5.4	0.2	0.07	5	0.5
LSI-17	0.26	0.063	6	20.2	0.28	76	0.023	1	0.78	0.014	0.06	0.3	0.01	0.4	0.1	0.06	5	0.5
LSI-29	0.81	0.083	8	193.5	2.4	203	0.026	2	1.87	0.009	0.09	0.4	0.05	7.2	0.1	0.12	5	0.6
LSI-30	0.72	0.086	9	183.5	2.06	150	0.08	1	1.8	0.008	0.18	0.5	0.03	5.2	0.2	0.05	6	0.5
LSI-31	0.56	0.071	7	336.9	3.61	200	0.055	1	2.05	0.016	0.13	0.4	0.03	6.2	0.1	0.11	6	0.5
LSI-32	1.05	0.081	6	261.3	2.05	353	0.036	3	1.44	0.009	0.09	0.5	0.08	3.8	0.1	0.19	4	0.5
LSI-33	1.82	0.18	6	58.1	0.43	841	0.007	5	0.49	0.009	0.06	0.4	0.11	0.9	0.1	0.42	1	0.8
LSI-34	0.35	0.057	8	217.6	2.08	202	0.047	1	1.96	0.005	0.07	0.3	0.03	9.4	0.1	0.05	6	0.5
LSI-35	0.36	0.05	7	235	1.87	141	0.061	1	1.44	0.005	0.08	0.5	0.09	5.3	0.1	0.05	5	0.5
LSI-36	0.21	0.093	4	188.3	1.26	148	0.031	1	1.13	0.004	0.07	0.7	0.03	3.1	0.1	0.12	6	0.5
LSI-37	0.2	0.06	8	288	2.57	132	0.052	2	2.1	0.008	0.07	0.4	0.03	4.7	0.1	0.05	7	0.5
LSI-38	0.9	0.096	9	366	3.11	479	0.051	2	2.03	0.011	0.12	0.6	0.05	7.6	0.2	0.07	6	0.5
LSI-39	0.44	0.06	7	559	3.95	113	0.105	2	2.13	0.016	0.07	0.4	0.01	7.1	0.1	0.05	7	0.5
LSI-40	0.86	0.107	7	510.6	3.9	403	0.044	3	2.1	0.014	0.08	0.4	0.04	6.5	0.2	0.13	6	0.6
LSI-41	1.09	0.064	7	301.3	2.44	863	0.043	3	1.49	0.015	0.07	0.4	0.07	6.8	0.1	0.14	5	0.5
RE LSI-42	0.24	0.066	10	140.1	1.18	369	0.064	1	1.11	0.01	0.05	0.2	0.02	3.1	0.1	0.06	5	0.5
LSI-42	0.22	0.069	10	139.4	1.17	381	0.063	1	1.1	0.01	0.05	0.2	0.01	3.1	0.1	0.05	5	0.5
LSI-43	0.25	0.048	9	360.7	3.73	273	0.055	2	1.89	0.017	0.05	0.1	0.01	6.3	0.1	0.05	6	0.5
LSI-44	0.58	0.122	13	267.5	2.78	97	0.048	2	1.94	0.013	0.04	0.4	0.03	5.6	0.1	0.05	7	0.8
LSI-45	1.02	0.222	14	67	2.43	174	0.032	1	2.81	0.005	0.15	0.1	0.01	5.5	0.1	0.05	9	0.7
LSI-46	0.72	0.149	12	78.1	1.76	463	0.083	1	1.47	0.004	0.33	0.1	0.02	7	0.2	0.05	11	1.7
LSI-49	0.79	0.094	10	272.8	2.6	339	0.075	2	1.75	0.01	0.08	0.3	0.02	8.3	0.1	0.05	7	0.5
LSJ-9	0.99	0.106	11	74.7	0.96	139	0.064	1	1.4	0.019	0.16	3.6	0.05	3.7	0.2	0.11	6	0.5
LSJ-10	3.16	0.116	4	29.2	0.54	142	0.015	7	0.6	0.011	0.05	0.9	0.08	1.3	0.1	0.24	2	0.5
LSJ-11	2.64	0.132	5	52	0.49	431	0.006	3	0.68	0.009	0.05	0.5	0.16	1.8	0.2	0.27	2	0.7
LSJ-12	0.98	0.101	14	130.9	1.19	132	0.09	2	1.49	0.021	0.17	4.1	0.05	4.6	0.2	0.05	6	0.5
LSJ-13	0.8	0.109	20	135.1	1.55	139	0.114	2	1.93	0.021	0.28	3	0.03	5.7	0.4	0.05	7	0.5
LSJ-14	0.7	0.076	11	120.4	1.11	118	0.077	1	1.44	0.016	0.14	1.2	0.01	3.7	0.2	0.05	5	0.5
LSJ-15	0.95	0.116	12	40.7	0.53	99	0.039	2	1.39	0.017	0.07	0.8	0.04	1.9	0.2	0.09	5	0.5

ELEMENT	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
SAMPLES	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
LSJ-16	0.8	0.084	11	291	2.08	337	0.071	2	1.89	0.013	0.11	0.7	0.02	5.9	0.2	0.06	7	0.8
LSJ-17	0.19	0.068	11	90	0.77	131	0.04	2	1.48	0.008	0.12	0.8	0.04	2.3	0.2	0.05	7	0.5
LSJ-18	0.7	0.071	13	160.8	1.69	252	0.075	2	1.39	0.012	0.17	1.1	0.03	5.1	0.2	0.05	5	0.5
LSJ-20	0.46	0.066	10	339.3	2.69	104	0.075	3	1.89	0.013	0.12	2.3	0.01	5.5	0.2	0.05	5	0.5
LSJ-21	0.32	0.079	6	54.7	0.58	90	0.034	1	0.75	0.025	0.05	0.4	0.02	1.3	0.1	0.05	4	0.5
LSJ-22	0.34	0.072	12	171.1	1.69	143	0.075	2	1.88	0.011	0.1	0.9	0.03	6.3	0.2	0.05	6	0.5
LSJ-23	0.65	0.072	15	159.3	1.72	211	0.09	2	2.02	0.011	0.19	1.5	0.04	8.9	0.3	0.05	8	0.5
LSJ-24	0.34	0.089	5	131.6	0.94	90	0.046	1	1	0.01	0.06	0.7	0.05	2.6	0.1	0.05	5	0.5
LSJ-25	0.29	0.07	7	170.5	1.36	102	0.053	1	1.52	0.008	0.06	0.6	0.04	3.9	0.1	0.05	6	0.5
LSJ-27	1.51	0.065	7	346.5	2.79	117	0.077	2	1.58	0.01	0.09	0.6	0.01	5.8	0.1	0.05	5	0.5
LSJ-28	0.51	0.094	7	241.9	2.82	189	0.048	2	1.97	0.009	0.08	0.7	0.03	10.8	0.1	0.05	6	0.5
LSJ-29	0.74	0.105	4	319.8	3.17	177	0.038	3	1.71	0.02	0.07	0.3	0.06	5.5	0.1	0.12	5	0.5
LSJ-30	0.37	0.08	4	309	2.25	168	0.04	1	1.34	0.014	0.1	0.7	0.03	3.3	0.1	0.13	5	0.5
LSJ-31	1.56	0.146	11	178.1	1.34	586	0.013	4	1.05	0.01	0.07	0.4	0.07	2	0.2	0.28	3	0.5
LSJ-32	0.76	0.126	3	77.1	0.51	240	0.011	2	0.48	0.007	0.08	0.8	0.15	0.8	0.1	0.26	2	0.5
LSJ-33	0.4	0.065	7	359.3	2.8	205	0.04	1	2.1	0.011	0.06	0.4	0.05	7.7	0.1	0.07	7	0.5
LSJ-34	0.51	0.052	7	407.2	3.24	184	0.084	2	1.91	0.011	0.05	0.5	0.02	7.5	0.1	0.05	6	0.5
LSJ-35	0.31	0.048	5	450.9	3.28	90	0.097	2	1.7	0.011	0.05	0.6	0.01	5.6	0.1	0.05	6	0.5
LSJ-36	0.27	0.051	8	343.1	2.79	118	0.082	2	1.63	0.012	0.06	2	0.02	4.9	0.1	0.05	6	0.5
LSJ-37	0.37	0.054	6	514.2	3.59	127	0.098	2	1.91	0.015	0.05	0.7	0.01	6.7	0.1	0.05	6	0.5
LSJ-38	0.43	0.059	6	476.7	3.6	109	0.108	2	1.82	0.02	0.08	0.7	0.01	6.5	0.1	0.05	6	0.5
LSJ-39	0.37	0.06	8	500.7	3.64	137	0.102	1	2.2	0.018	0.08	0.9	0.02	7.3	0.2	0.05	8	0.5
LSJ-40	0.48	0.075	7	260.2	1.89	388	0.045	1	1.19	0.014	0.05	1.5	0.05	4.8	0.1	0.08	5	0.5
LSJ-41	0.27	0.062	5	627.3	5.07	161	0.058	3	1.85	0.017	0.05	0.6	0.04	6.5	0.1	0.05	6	0.5
LSJ-42	1.06	0.226	21	8.9	1.53	85	0.004	1	2.16	0.002	0.07	0.1	0.01	2.9	0.1	0.34	7	7.3
LSJ-43	0.58	0.049	3	827.2	4.42	216	0.117	1	2.87	0.006	0.13	0.1	0.02	13.3	0.2	0.05	10	0.5
LSJ-44	0.66	0.075	5	473.9	2.89	359	0.063	3	1.55	0.01	0.11	0.3	0.03	8.1	0.1	0.06	6	0.5
LSJ-45	0.39	0.068	4	391.7	2.34	235	0.054	2	1.43	0.01	0.05	0.2	0.16	3	0.1	0.08	6	0.5
LSJ-46	0.29	0.016	4	548.1	4.52	54	0.136	3	1.91	0.019	0.03	0.4	0.01	6.4	0.1	0.05	6	0.5
LSJ-47	0.8	0.228	22	88.2	2.4	1505	0.042	1	2.67	0.008	0.05	0.9	0.01	5.9	0.1	0.05	10	0.5
LSJ-48	0.4	0.075	12	270.6	2.02	473	0.021	1	1.86	0.006	0.06	0.1	0.03	5.6	0.1	0.05	6	0.6
LSJ-49	0.45	0.042	5	432.3	2.67	441	0.094	2	1.3	0.016	0.03	0.1	0.01	5.8	0.1	0.05	6	0.5
LSJ-50	0.48	0.121	11	178.6	1.6	70	0.123	1	1.44	0.015	0.24	0.2	0.01	4.1	0.1	0.05	6	0.5
RE LSJ-50	0.48	0.127	11	186.7	1.61	69	0.125	1	1.46	0.015	0.25	0.2	0.01	4.3	0.2	0.05	6	0.5
LSJ-51	0.49	0.133	14	103.9	1.31	107	0.14	1	1.63	0.013	0.29	0.2	0.01	4	0.2	0.05	7	0.5

ELEMENT	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
SAMPLES	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
LSJ-52	0.42	0.112	15	56.6	0.86	103	0.113	1	1.55	0.01	0.19	0.2	0.01	3.1	0.2	0.05	6	0.5
LSJ-53	0.42	0.106	12	52.3	0.82	75	0.135	1	1.45	0.009	0.2	0.3	0.01	3.1	0.2	0.05	6	0.6
LSJ-54	0.32	0.065	9	125.4	1.56	88	0.173	1	2.29	0.009	0.18	0.2	0.02	4.3	0.2	0.05	8	0.5
LSJ-55	0.54	0.172	7	20.3	0.82	181	0.182	1	1.8	0.019	0.61	0.3	0.05	2.5	0.3	0.05	9	0.5
LSJ-56	0.61	0.17	11	72.8	1.29	197	0.283	2	2.41	0.014	0.77	0.1	0.05	11.1	0.6	0.05	11	0.5
LSJ-57	0.45	0.088	14	511.4	1.39	78	0.073	6	1.56	0.005	0.31	0.1	0.07	16.2	0.3	0.05	6	0.5
LSJ-58	0.2	0.197	9	18.3	0.11	79	0.005	3	0.45	0.005	0.11	0.2	0.11	0.2	0.1	0.26	3	0.5
LSJ-59	0.31	0.115	13	67.2	0.66	115	0.089	2	1.83	0.01	0.25	0.1	0.11	8.2	0.5	0.06	7	0.5
LSK-8	0.67	0.065	12	281.8	2.09	75	0.065	1	1.57	0.019	0.1	2.2	0.05	4.9	0.2	0.05	5	0.5
LSK-9	2.62	0.124	6	100	0.78	111	0.025	4	0.91	0.012	0.07	2.1	0.1	1.2	0.1	0.22	3	0.7
LSK-10	0.62	0.08	7	71.5	0.68	84	0.059	1	0.98	0.027	0.05	1	0.02	1.7	0.1	0.07	4	0.5
LSK-11	0.72	0.09	15	291.8	2.31	147	0.082	2	1.88	0.019	0.14	2	0.03	5.2	0.2	0.05	6	0.5
LSK-12	0.77	0.076	12	270.1	2.26	141	0.073	3	1.92	0.017	0.08	1.8	0.03	5.2	0.2	0.05	6	0.5
LSK-13	5.29	0.09	10	174.1	3.46	84	0.054	1	1.11	0.014	0.08	1.7	0.05	3.6	0.2	0.05	4	0.5
LSK-14	0.45	0.068	5	59.7	0.57	52	0.041	1	0.91	0.026	0.03	0.2	0.03	1.5	0.1	0.06	3	0.5
LSK-15	0.85	0.139	9	420.3	2.86	146	0.035	1	2.24	0.008	0.06	0.6	0.05	6.6	0.2	0.06	7	0.5
LSK-15A	0.94	0.114	7	368.3	2.67	127	0.035	2	2.12	0.007	0.06	0.6	0.03	6.5	0.2	0.13	6	0.5
LSK-16	0.45	0.095	17	169.2	1.53	81	0.102	2	1.48	0.014	0.26	2.7	0.01	4.1	0.3	0.05	5	0.5
LSK-17	0.11	0.054	7	45.9	0.48	138	0.042	1	1.04	0.012	0.07	0.8	0.03	1.3	0.1	0.08	5	0.5
LSK-18	0.18	0.064	8	122.7	1.02	187	0.036	1	1.23	0.006	0.07	0.8	0.03	2.5	0.1	0.05	5	0.5
LSK-20	0.73	0.065	9	312.7	2.96	114	0.076	4	1.85	0.015	0.2	1.2	0.02	5.8	0.2	0.08	5	0.5
LSK-21	0.3	0.054	9	394.1	2.82	114	0.053	2	1.95	0.008	0.09	1	0.01	5.3	0.1	0.05	6	0.5
LSK-22	0.36	0.07	8	306.8	2.18	99	0.045	2	1.47	0.008	0.08	1	0.04	4.9	0.1	0.05	5	0.5
LSK-23	0.79	0.088	10	228.5	1.85	359	0.043	1	1.82	0.009	0.07	0.7	0.03	5.1	0.2	0.07	5	0.5
LSK-24	1.07	0.131	10	131.7	2.33	563	0.014	1	2.2	0.005	0.06	0.2	0.05	11.1	0.1	0.05	8	0.5
LSK-25	0.98	0.083	10	341.9	2.52	177	0.053	3	1.8	0.009	0.1	0.7	0.08	5.9	0.1	0.06	5	0.5
LSK-27	0.37	0.115	14	51.6	0.68	863	0.01	1	1.09	0.004	0.07	0.3	0.11	8.2	0.1	0.05	3	0.6
LSK-28	0.37	0.092	9	145.7	1.69	369	0.027	1	1.67	0.006	0.06	0.2	0.05	8.5	0.2	0.05	5	0.5
LSK-29	0.49	0.077	11	326	3.28	132	0.104	2	2.02	0.018	0.22	1.4	0.01	7	0.2	0.05	6	0.5
LSK-30	0.33	0.061	8	340.5	2.5	114	0.072	1	1.76	0.011	0.08	1.2	0.01	5.2	0.1	0.05	6	0.5
LSK-31	0.4	0.066	6	462.2	3.59	148	0.057	2	2.11	0.015	0.08	0.7	0.02	7.5	0.1	0.05	6	0.5
LSK-32	0.26	0.052	3	386.4	2.71	88	0.042	1	1.52	0.013	0.03	0.4	0.02	4.2	0.1	0.05	4	0.5
LSK-33	0.36	0.088	10	306.8	2.83	407	0.029	1	2.06	0.012	0.05	0.2	0.02	6.8	0.1	0.05	6	0.5
LSK-34	0.18	0.068	8	251.1	1.83	175	0.041	1	1.6	0.011	0.07	2	0.02	3.6	0.1	0.05	6	0.5
LSK-35	0.34	0.063	4	525.9	3.55	92	0.065	3	1.61	0.015	0.08	0.3	0.01	5.4	0.1	0.05	5	0.5

ELEMENT	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
SAMPLES	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
LSK-36	0.42	0.062	5	466.9	3.57	140	0.065	2	1.71	0.014	0.06	0.2	0.01	7.4	0.1	0.05	5	0.5
LSK-37	0.43	0.061	4	555.4	3.59	177	0.122	1	2.52	0.005	0.1	0.1	0.01	10.3	0.1	0.05	8	0.5
LSK-38	0.26	0.091	3	467.8	2.51	139	0.027	1	1.48	0.011	0.03	0.2	0.05	3.5	0.1	0.11	5	0.5
LSK-39	0.21	0.061	4	316.5	1.85	111	0.059	1	1.16	0.009	0.06	0.4	0.03	3.1	0.1	0.08	6	0.5
LSK-48	0.26	0.065	6	378.9	2.86	77	0.076	1	1.54	0.016	0.11	0.1	0.02	4.5	0.1	0.05	6	0.5
LSK-49	0.55	0.154	17	82.5	1.26	91	0.125	1	1.57	0.021	0.44	0.2	0.01	4.4	0.2	0.05	6	0.5
RE LSK-49	0.57	0.152	17	87.9	1.2	99	0.123	1	1.44	0.02	0.46	0.2	0.01	4.6	0.2	0.05	6	0.5
LSL-8	1.23	0.073	9	150.6	1.25	114	0.03	2	1.23	0.014	0.07	1.4	0.06	2.8	0.1	0.15	4	0.5
LSL-9	0.8	0.049	11	207.8	1.67	87	0.055	3	1.59	0.015	0.1	1.3	0.03	4.4	0.2	0.05	5	0.5
LSL-10	1.94	0.104	4	64.3	0.58	93	0.017	4	0.64	0.007	0.08	1.2	0.24	0.9	0.1	0.24	2	0.7
LSL-11	3.16	0.121	5	81.6	0.84	139	0.013	8	0.76	0.008	0.08	0.5	0.18	1.5	0.1	0.28	2	0.7
LSL-12	1.25	0.088	10	225.2	2.48	135	0.034	2	1.64	0.007	0.08	3.5	0.08	5.9	0.2	0.07	5	0.5
LSL-13	1.54	0.1	9	123.9	1.73	162	0.021	2	1.32	0.011	0.11	0.4	0.07	4.8	0.1	0.05	4	0.5
LSL-14	0.42	0.054	4	458.9	3.37	52	0.046	2	1.86	0.005	0.05	0.5	0.02	6.5	0.1	0.08	5	0.5
LSL-15	1.18	0.098	7	231.4	2.31	131	0.026	2	1.6	0.01	0.09	0.4	0.07	5.1	0.1	0.07	5	0.5
LSL-16	0.4	0.055	7	537.4	4.39	50	0.076	3	1.68	0.01	0.12	1.1	0.01	6	0.1	0.06	5	0.5
LSL-17	0.74	0.141	4	162.1	0.8	156	0.015	1	0.7	0.009	0.06	0.4	0.07	1.5	0.1	0.21	3	0.5
LSL-18	0.48	0.051	6	565.3	3.92	85	0.062	3	1.69	0.008	0.05	0.7	0.03	6.6	0.1	0.05	5	0.5
LSL-19	0.95	0.117	10	237.4	2.32	148	0.046	3	1.8	0.012	0.16	1.6	0.05	3.2	0.3	0.2	6	0.6
LSL-20	0.48	0.065	12	206.8	2.11	99	0.105	2	1.82	0.018	0.2	1.8	0.04	4.7	0.3	0.05	7	0.5
LSL-21	0.43	0.063	8	297.2	2.88	76	0.1	2	1.91	0.016	0.18	1.8	0.02	5	0.2	0.05	6	0.5
LSL-22	0.57	0.037	5	400.2	3.75	69	0.079	2	1.86	0.01	0.14	1.1	0.01	4.5	0.1	0.05	4	0.5
LSL-23	0.27	0.057	5	340.2	3.09	40	0.072	2	1.65	0.011	0.11	2.2	0.02	3.8	0.1	0.05	5	0.5
LSL-24	0.73	0.059	8	447.1	5	116	0.089	3	2.48	0.018	0.2	1.1	0.04	6.8	0.3	0.09	7	0.5
LSL-25	0.64	0.154	9	492.5	4.51	109	0.056	3	2.59	0.012	0.18	1.6	0.07	6	0.3	0.12	8	0.7
LSM-10	0.56	0.091	11	224.8	2.19	251	0.053	2	1.62	0.015	0.06	1.2	0.04	4.4	0.1	0.05	5	0.6
LSM-11	0.71	0.075	11	254.9	2.47	111	0.043	2	1.63	0.011	0.06	0.9	0.08	5	0.1	0.05	5	0.5
LSM-12	1.33	0.087	8	48.4	0.54	216	0.008	2	0.86	0.011	0.05	0.2	0.16	3.6	0.1	0.14	2	0.5
LSM-13	0.43	0.041	4	568.5	4.43	44	0.122	2	2.2	0.009	0.03	0.4	0.01	6.2	0.1	0.05	6	0.5
LSM-14	0.36	0.053	5	687.7	4.75	47	0.079	3	1.73	0.011	0.04	0.5	0.01	7.1	0.1	0.05	5	0.5
RE LSM-14	0.34	0.049	4	644.2	4.32	45	0.073	3	1.58	0.01	0.04	0.4	0.01	6.8	0.1	0.05	4	0.5
LSM-15	0.36	0.063	7	544.3	4.16	52	0.076	3	1.8	0.011	0.11	1	0.01	5.9	0.2	0.05	5	0.5
LSM-16	0.38	0.058	7	479.2	3.25	120	0.043	2	1.73	0.01	0.05	0.7	0.05	5	0.1	0.05	4	0.5
LSM-17	0.39	0.065	14	221.1	2.8	65	0.118	2	2.02	0.024	0.25	2.6	0.01	4.3	0.3	0.05	6	0.5
LSM-18	0.47	0.098	13	202.3	2.51	74	0.111	2	1.79	0.026	0.29	2.7	0.01	4.8	0.3	0.05	6	0.5

ELEMENT	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
SAMPLES	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
LSM-19	0.32	0.065	12	197.3	2.39	58	0.108	2	1.74	0.025	0.2	2.3	0.01	4.7	0.2	0.05	6	0.5
LSM-20	0.44	0.081	12	188.5	2.3	56	0.114	2	1.88	0.026	0.19	2.7	0.01	4.1	0.2	0.05	6	0.5
LSM-21	0.36	0.077	8	361.2	4.19	60	0.1	2	2.23	0.031	0.16	1.2	0.02	6	0.2	0.05	6	0.5
LSM-22	0.38	0.051	9	417.5	4.72	59	0.098	3	2.46	0.023	0.14	0.9	0.01	6.4	0.2	0.05	6	0.5
LSM-23	0.31	0.046	4	413.2	4.88	32	0.067	3	2.02	0.017	0.08	0.7	0.01	4.3	0.1	0.05	4	0.5
LSM-24	0.54	0.08	9	372.9	4.02	48	0.092	3	1.66	0.035	0.11	1.2	0.02	4.9	0.1	0.05	5	0.5
LSN-9	1.26	0.076	9	349.3	2.48	347	0.044	3	2.09	0.016	0.06	1	0.03	3.9	0.1	0.05	5	0.5
LSN-10	0.8	0.065	5	551.1	3.57	314	0.053	3	2.3	0.016	0.06	0.7	0.02	5.6	0.1	0.05	7	0.5
LSN-11	0.25	0.051	7	352.3	2.51	66	0.098	2	1.51	0.009	0.04	0.7	0.01	3.4	0.1	0.05	6	0.5
LSN-12	0.22	0.059	6	335.2	2.5	72	0.081	2	1.55	0.01	0.03	0.6	0.02	3.1	0.1	0.05	6	0.5
LSN-13	0.3	0.082	2	300.6	2.23	81	0.07	1	1.66	0.023	0.05	0.4	0.03	2.9	0.1	0.05	6	0.5
LSN-14	0.43	0.063	9	391	3.08	55	0.071	3	1.46	0.014	0.05	1.2	0.02	5.2	0.1	0.05	4	0.5
LSN-16	0.29	0.067	9	171.2	2.28	93	0.094	2	2.55	0.02	0.25	1.7	0.01	4.5	0.3	0.05	9	0.5
LSN-17	0.35	0.07	12	232	2.41	50	0.099	3	1.41	0.02	0.17	2.8	0.01	4.2	0.2	0.05	5	0.5
LSN-18	0.33	0.069	8	263.5	2.86	88	0.074	2	2.11	0.018	0.15	1.3	0.02	5.7	0.2	0.05	8	0.5
LSN-19	0.26	0.075	6	495.7	5.25	56	0.055	5	1.83	0.01	0.11	0.7	0.01	6.7	0.1	0.1	6	0.5
LSN-20	0.25	0.044	12	332.5	3.56	70	0.109	2	1.87	0.02	0.12	1.1	0.01	5.3	0.2	0.05	7	0.5
LSN-21	0.22	0.066	11	149.7	1.53	78	0.095	1	1.69	0.013	0.24	2.8	0.01	3.4	0.2	0.05	7	0.5
LSN-22	0.13	0.061	5	170.2	0.6	94	0.038	1	0.74	0.006	0.04	0.4	0.03	1.6	0.1	0.07	5	0.5
LSN-23	0.24	0.085	5	284.5	2.27	101	0.045	2	1.27	0.017	0.1	1.2	0.04	4.1	0.2	0.08	5	0.5
LSN-24	0.24	0.088	11	58.4	0.81	99	0.108	1	1.84	0.014	0.41	3	0.04	3.9	0.3	0.09	8	0.5
LSN-25	0.26	0.056	7	270.2	2.78	66	0.087	2	1.54	0.026	0.15	1.4	0.03	4.4	0.1	0.05	6	0.5
RE LSN-25	0.26	0.055	7	269.5	2.82	69	0.086	2	1.47	0.025	0.16	1.5	0.02	4.6	0.2	0.05	6	0.5
ELEMENT	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
SAMPLES	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm

APPENDIX "D"

COUREUR DES BOIS
LTD./LTEE.

3 RYDER PLACE, WHITEHORSE, YUKON Y1A 5T5
TELEPHONE: (867) 668-2593
FAX: (867) 668-2592

BILL TO: GLACIER DRILLING LTD
100 PLATINUM Rd
WHITEHORSE YUKON
Y1A 6A9

INVOICE № 1030

28 Nov 2005

QUANTITY	JOB DESCRIPTION	PRICE PER	AMOUNT
	Att: Mr MIKE MICKEY Mr MARK LINDSAY.		
	RE: SAMPLING PROGRAM. MIK CLAIM BLOCK. NOV 8 to 28/05		
91	MAN DAYS	325.00	29575.00
	GST RT#101175909	7%	2070.25
	Yours Sincerely Mark Jutras.		

INVOICE TOTAL 31645.25

Willow Printers Ltd.

TRANS NORTH HELICOPTERS

TRANS NORTH TURBO AIR LTD.
P.O. BOX 6 – WHITEHORSE – YUKON TERRITORY – Y1A 5X9
TELEPHONE: (867) 668-2177 • FAX: (867) 668-3420

November 30, 2005

Cordilleran Minerals
100 Platinum Road
Whitehorse, Yukon
Y1A 6A9

ATTN: Mark Lindsay
FAX: 456-7072

Summary of outstanding invoices.

Date	Hxc	Ticket	Hours	Revenue	Fuel	GST	Total
11.16.05	GMIG	37100	2.8	2730.00	399.00	219.03	3348.03
11.16.05	FGGC	38017	2.5	2437.50	356.25	195.56	2989.31
11.17.05	GMIG	37101	1.2	1170.00	171.00	93.87	1434.87
11.17.05	FGGC	38018	1.2	1170.00	171.00	93.87	1434.87
11.24.05	FGGC	38019	0.4	390.00	57.00	31.29	478.29
11.24.05	GMYQ	36152	0.4	390.00	56.25	31.24	477.49
11.25.05	FGGC	38020	1.7	1657.50	242.25	132.98	2032.73
11.25.05	GMYQ	36153	2.7	2632.50	383.75	211.14	3227.39
11.26.05	FGGC	38021	3.1	3022.50	441.75	242.50	3706.75
11.26.05	GMIG	37114	2.5	2437.50	356.25	195.56	2989.31
11.27.05	FGGC	38022	1.7	1657.50	242.25	132.98	2032.73
11.27.05	GMIG	37115	2.4	2340.00	342.00	187.74	2869.74
11.28.05	GMYQ	36155	1.5	1462.50	213.75	117.34	1793.59
11.28.05	FGGC	38023	2.7	2632.50	384.75	211.21	3228.46
TOTALS			26.8	24,130.00	3,317.25	2,096.74	32,043.56

REMIT PAYMENT TO:

TRANS NORTH HELICOPTERS

TRANS NORTH TURBO AIR LTD.
P.O 8, 115 Range Rd.
Whitehorse, Yukon Canada Y1A 5X9
Tel: (867) 668-2177 - Fax: (867) 668-3420
www.tntaheli.com

ACCOUNT NUMBER: 080MIN

INVOICE NUMBER: 35472

INVOICE DATE: 25 07 05

AREA: B.C. YUKON NWT ALTA

CHARTERER: Glacier Drilling

BILLING ADDRESS: 100 Richardson Rd.

A/C TYPE: BH06

AIRCRAFT REGISTRATION C: F D R 2

FLIGHT DATE: DAY 23 MONTH 07 YEAR 05

PURCHASE ORDER NO.

FUEL & OIL-X: TNTA ✓ CUST. ✓

TNTA FUEL USED: 23 444 2004

HRS./LITRES

FROM

HOOK INSURANCE: DECLINED ☐ INT ____ ACCEPTED ☐

VALUE ____

TNTA'S TARIFF LIMITS THAT TNTA'S LIABILITY FOR LOSS OR DAMAGE TO GOODS CARRIED IS 50¢ PER LB.

FROM	TO	UP	DOWN	HOURS	REMARKS NO. OF PASS
YXY	REECE LIVINGSTON	09:19	09:40	0.3	3 PX
REECE LIVINGSTON	NEXT HILL	10:19	10:19	0.2	
"	"	14:20	14:23	0.2	1 PX
"	"	15:08	15:13	0.2	3 PX
	YXY	17:13	17:57	0.6	2 PX

SUB	G.L.	AMOUNT
1005	502	1950 00
1000	131	30 80
0000	323	138 66

D.O. TRANSPORTED ☐ 2.0 @ 975 00 = 1950 00

HOLDING TIME: @ / HR.

FUEL 23 @ 1.10 / LITRE = 30 80

FUEL @ / LITRE

MEALS & LODGING K / V

OTHER

OTHER

SUB TOTAL 1980 80

GOODS & SERVICES TAX REGISTRATION NO. R 121483135 138 66

TOTAL $ 2119 46

JUL 26 2005

TERMS: PAYABLE UPON RECEIPT OF INVOICE.
2% INTEREST PER MONTH (24% PER ANNUM) WILL BE CHARGED ON ALL OUTSTANDING AMOUNTS OVER 30 DAYS. IF INTEREST IS NOT PAID, FUTURE PURCHASES WILL BE ON CASH BASIS.

X _____ CHARTERER'S SIGNATURE

_____ CHARTERER'S NAME (PRINTED)

INITIALS: AV CSV

_____ PILOT'S SIGNATURE

_____ ENGINEER'S NAME

SHIPPING NAME & QTY | CLASS | UN # | PACKING GR

CARRIAGE SUBJECT TO TERMS OF PUBLISHED TARIFF.
TARIFF AVAILABLE TO PUBLIC VIEW AT TRANS NORTH OFFICE.

ACCOUNTING

ACME ANALYTICAL LABORATORIES LTD.
852 East Hastings,. Vancouver, B.C., CANADA V6A 1R6
Phone: (604) 253-3158 Fax: (604) 253-1716
Our GST # 100035377 RT

CORDILLERAN MINERALS
60 Fireweed Drive
Whitehorse, YT
Y1A 5T8

Inv.#: **PRO1128**
Date: Nov 28 2005

QTY	ASSAY	PRICE	AMOUNT
525	GROUP 1DX (15 gm) @	14.25	7481.25
525	SS80 - SOIL @	1.65	866.25
	GST Taxable		8347.50
	7.00% GST		584.33
	CAD $		**8931.83**

PROFORMA INVOICE

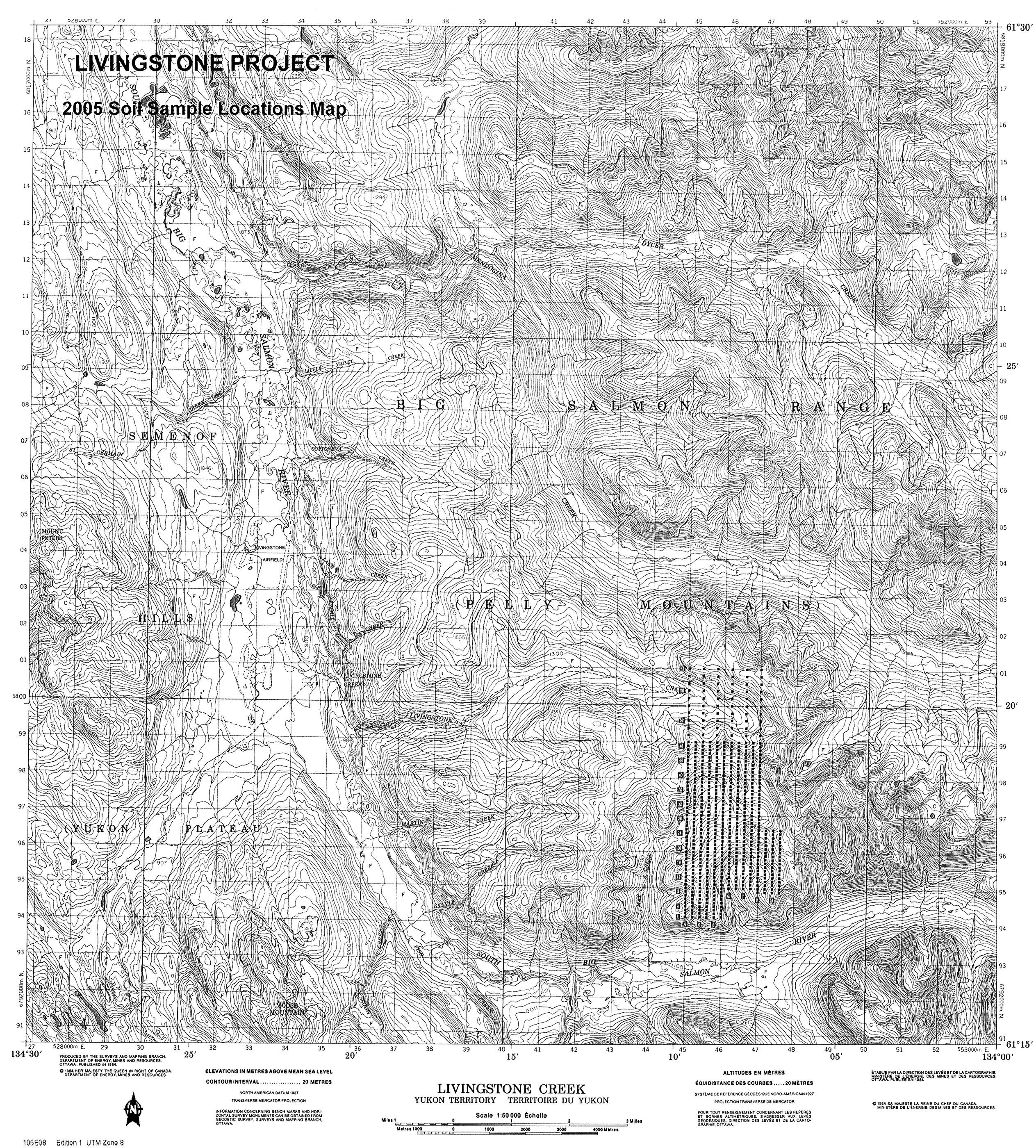
COPIES 1

Please pay last amount shown. Return one copy of this invoice with payment.
TERMS: Net two weeks. 1.5 % per month charged on overdue accounts.

[ACME 1]

LIVINGSTONE PROJECT

2005 Soil Sample Locations Map



PRODUCED BY THE SURVEYS AND MAPPING BRANCH, DEPARTMENT OF ENERGY, MINES AND RESOURCES, OTTAWA. PUBLISHED IN 1984.

ELEVATIONS IN METRES ABOVE MEAN SEA LEVEL

CONTOUR INTERVAL ..... 20 METRES

NORTH AMERICAN DATUM 1927

TRANSVERSE MERCATOR PROJECTION

INFORMATION CONCERNING BENCH MARKS AND HORIZONTAL SURVEY MONUMENTS CAN BE OBTAINED FROM GEODETIC SURVEY, SURVEYS AND MAPPING BRANCH, OTTAWA.

LIVINGSTONE CREEK

YUKON TERRITORY TERRITOIRE DU YUKON

Scale 1:50 000 Échelle

Miles 1 0 1 2 3 Milles

Metres 1000 0 1000 2000 3000 4000 Mètres

105E08 Edition 1 UTM Zone 8

ÉTABLIE PAR LA DIRECTION DES LEVÉS ET DE LA CARTOGRAPHIE, MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RESSOURCES, OTTAWA. PUBLIÉE EN 1984.

ALTITUDES EN MÈTRES

ÉQUIDISTANCE DES COURBES ..... 20 MÈTRES

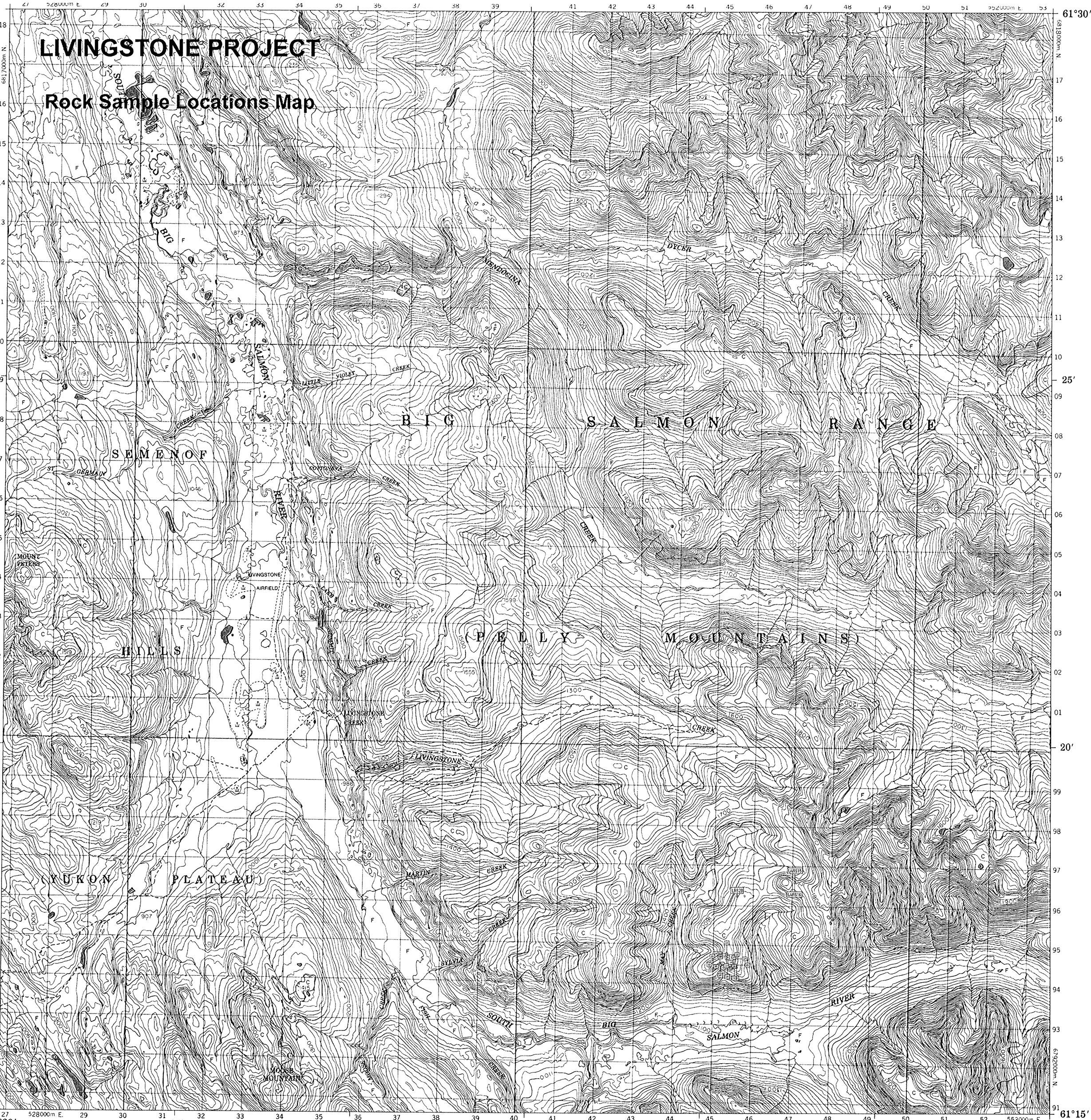
SYSTÈME DE RÉFÉRENCE GÉODÉSIQUE NORD-AMÉRICAIN 1927

PROJECTION TRANSVERSE DE MERCATOR

POUR TOUT RENSEIGNEMENT CONCERNANT LES REPÈRES ET BORNES ALTIMÉTRIQUES, S'ADRESSER AUX LEVÉS GÉODÉSIQUES, DIRECTION DES LEVÉS ET DE LA CARTOGRAPHIE, OTTAWA.

LIVINGSTONE PROJECT

Rock Sample Locations Map



PRODUCED BY THE SURVEYS AND MAPPING BRANCH, DEPARTMENT OF ENERGY, MINES AND RESOURCES, OTTAWA. PUBLISHED IN 1984.

ELEVATIONS IN METRES ABOVE MEAN SEA LEVEL

CONTOUR INTERVAL ..... 20 METRES

NORTH AMERICAN DATUM 1927

TRANSVERSE MERCATOR PROJECTION

INFORMATION CONCERNING BENCH MARKS AND HORIZONTAL SURVEY MONUMENTS CAN BE OBTAINED FROM GEODETIC SURVEY, SURVEYS AND MAPPING BRANCH, OTTAWA.

LIVINGSTONE CREEK

YUKON TERRITORY TERRITOIRE DU YUKON

Scale 1:50 000 Échelle

Miles 1 0 1 2 3 Miles

Metres 1000 0 1000 2000 3000 4000 Mètres

105E08 Edition 1 UTM Zone 8

ALTITUDES EN MÈTRES

ÉQUIDISTANCE DES COURBES ..... 20 MÈTRES

SYSTÈME DE RÉFÉRENCE GÉODÉSIQUE NORD-AMÉRICAIN 1927

PROJECTION TRANSVERSE DE MERCATOR

POUR TOUT RENSEIGNEMENT CONCERNANT LES REPÈRES ET BORNES ALTIMÉTRIQUES, S'ADRESSER AUX LEVÉS GÉODÉSIQUES, DIRECTION DES LEVÉS ET DE LA CARTOGRAPHIE, OTTAWA.

ÉTABLIE PAR LA DIRECTION DES LEVÉS ET DE LA CARTOGRAPHIE, MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RESSOURCES, OTTAWA. PUBLIÉE EN 1984.

includes 2 loose pages