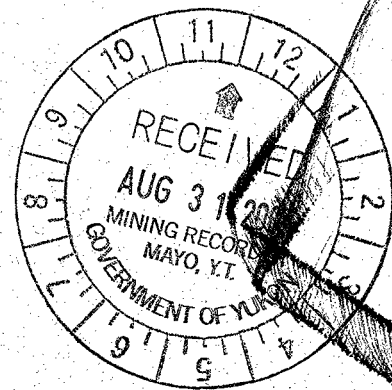


094704

C.2

"END OF THE"  
CLAIM GROUP



SOIL SURVEY REPORT

"End of The" 1-6

YCO1843 - 48

Latitude  $63^{\circ}40' N$

Longitude  $133^{\circ}30' W$

Mayo Mining District

NTS 105N-12

Yukon Territory

Field work done during the period August 16 - 22, 2004

105 N/12

By: R. S. Berdahl  
Box 11250  
Whitehorse, YT  
Y1A 6N4

January 2005

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## SUMMARY

The "End of The" claims were staked to cover a prominent orange weathering ridge, the drainage of which registered anomalous Au values in RGS survey and has an associated magnetic high.

The area had no known mineral occurrence but J. Keele's 1906 GSC report on the Stewart mentions several gold-bearing streams in this area. RGS data shows anomalous multi-element values as well. In 1996, C. Roots did mapping in the area and discovered an intrusion associated with the coloured ridge. The Robert Service Thrust Fault is adjacent to the property.

In 1999, work consisted of prospecting of the general area. Sulfide float was discovered. Pyrite in one-metre wide faults assayed up to 4.117g/t Au. Associated, highly anomalous minerals included As, Bi, and W. A mag high may result from pyrrhotite hornfels around intrusive dikes.

Between 2000 and 2003, geologists from Rimfire and Viceroy visited the property and sampled. Their findings reinforced earlier assay results.

## CLAIM SUMMARY

| <u>"End of The" Claims</u> | <u>Staked</u>   | <u>Expiry Date *</u> |
|----------------------------|-----------------|----------------------|
| 1-6 YC01843-48             | July 10, 1999   | July 18, 2010        |
| Terry Sue 1-8              | August 17, 2004 | August 2006          |

\* if assessment work is accepted

## LOCATION AND ACCESS

The claim area is on Rainbow Creek, which drains NW into the Stewart River, about 10 km downriver from Lansing. The site is approximately 70 miles E of Mayo, the nearest point to highway access. It is in the Mayo Mining District on NTS map sheet 105 N/12. Access is via float plane or helicopter from Mayo. Alternatively, the claims could be reached by boat from Mayo (if the falls are portaged) and a six-mile hike in. Float planes (206) can land on a small lake 3 km ESE of the claim block.

## TOPOGRAPHY / VEGETATION

Area elevations range from 600 m on the Stewart River to 1815 m on a mountain 10 km to the SE. On the claims, a cliff and steep adjacent canyon (Rainbow Creek) dominate. Elevations are from 1120 m on the ridge to 700 m 1 km W on Rainbow Creek. Vegetation is moderate to heavy spruce, willow and alder, thicker on southern slopes, with deciduous species heaviest in creeks, while lichens dominate at higher, drier areas. An old burn covers 100 ha on the claim block.

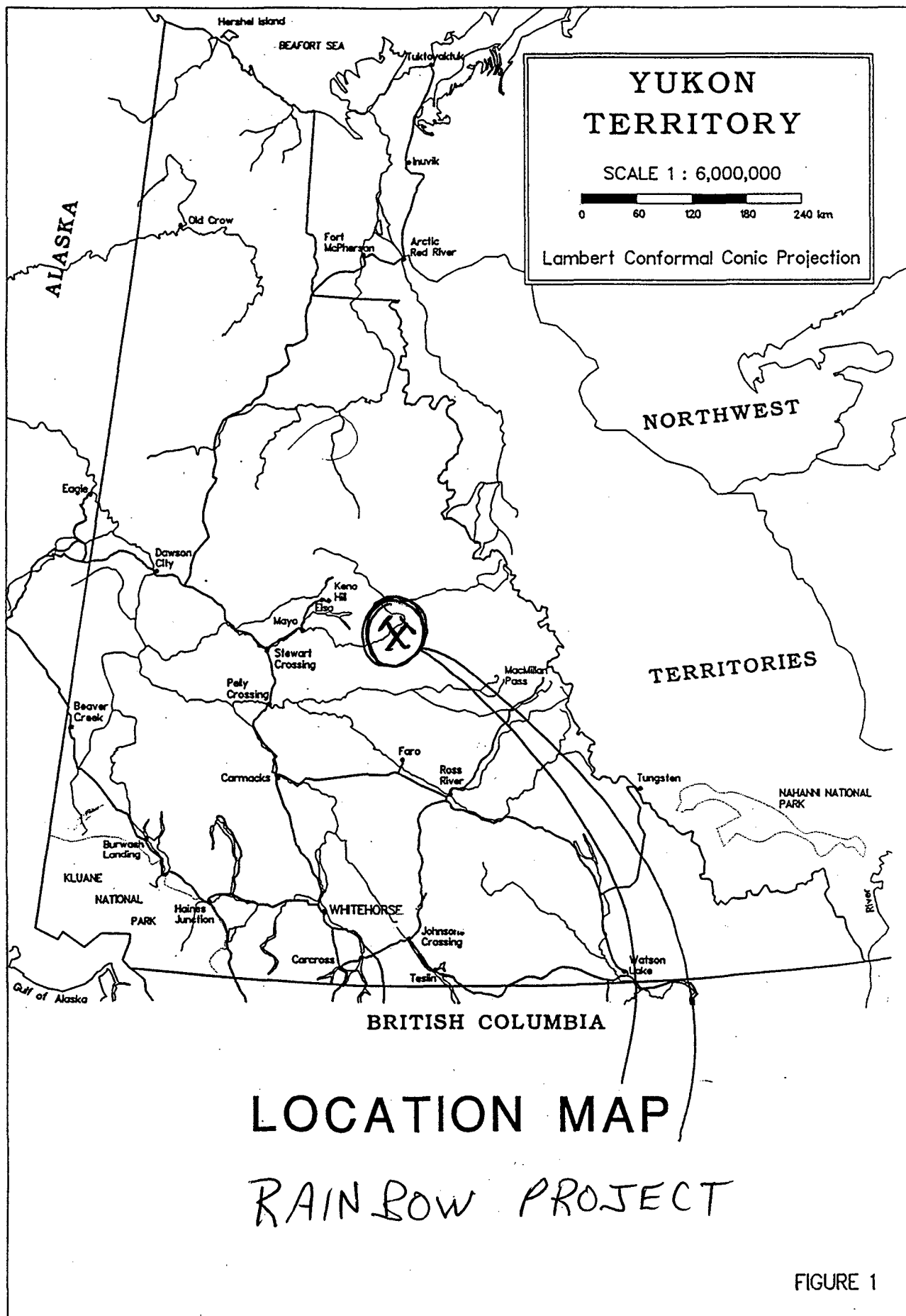


FIGURE 1

## **REGIONAL GEOLOGY**

The regional geology around the 'End of The' Claims is described as follows by C. F. Roots (1997) in his study of the Upper Paleozoic strata for the northwestern Lansing map area (105N) (See Fig. 1):

Lansing map area lies near the northern edge of the Selwyn Basin, which is the outer part of the Lower Paleozoic miogeocline of ancestral North America. Stratigraphic units in the Lansing area are summarized in the following table. The Proterozoic off-shelf depositional environment accumulated grit succeeded by shale and chert. This regime was disrupted by Late Devonian block faulting, deposition of Earn Group turbidites and conglomerates; structurally elevated areas were eroded. The turbidite basin continued into Early Carboniferous time. The subsequent clastic shelf regime included a sandstone, the Keno Hill quartzite, which forms a 500-km. long, relatively narrow regional marker. In Middle Jurassic time the sedimentary succession was deformed by folds and thrust faults, perhaps resulting from collision and transpression with far-travelled terranes 300 km southwest (e.g. Tempelman-Kluit, 1979, in: Roots, 1997).

Jurassic and Early Cretaceous deformation of the Selwyn Basin is by tight, upright to overturned folds of competent rocks and echelon, fault imbrication of incompetent strata, all at sub-green-schist metamorphic grade. In general the structural style suggests thin-skinned contractions and underlying, relatively flat regional detachment faults (e.g. Gordey, in prep., in: Roots, 1997). Deformation structures are cut by the Tombstone plutonic suite, whose 92-94 Ma (Late Early Cretaceous) age constrains the end of regional deformation.

The 1996 mapping in northwestern Lansing established the location of Robert Service Thrust map area (Fig. 2). The Yesezyu grit (Hyland Group: PCH) is contorted in east- and west-plunging cylindrical and box folds in the hanging wall of the Robert Service Thrust. A 15-km long strip of Hyland Group strata is separated from the larger area of Hyland Group by a belt of Keno Hill and younger rocks. This strip is bounded on its south side by a vertical, northwest-trending fault. The northern contact, with Earn Group conglomerate, must be a fault and may also be a segment of the Robert Service Thrust. Thus, the strip of isolated Hyland Group is interpreted as a klippe preserved by later downfaulting. The late northwest-trending faults were predominantly dextral transcurrent faults, and were traced southeastward about 9 km of dextral offset is indicated (Roots et al., 1995b, in: Roots, 1997).

## **TABLE OF GEOLOGIC FORMATIONS**

*See Figure 2.*

## **PROPERTY GEOLOGY**

Property geology is described as follows by C. F. Roots (1997):

The covered surface trace of the Robert Service Thrust trends northwest, roughly parallel to (Rainbow) creek on its south side of the valley. The footwall Earn Group, consisting of black mudstone laced with white quartz and lesser brown phyllite which results in iron-stained seeps, is exposed in the floor

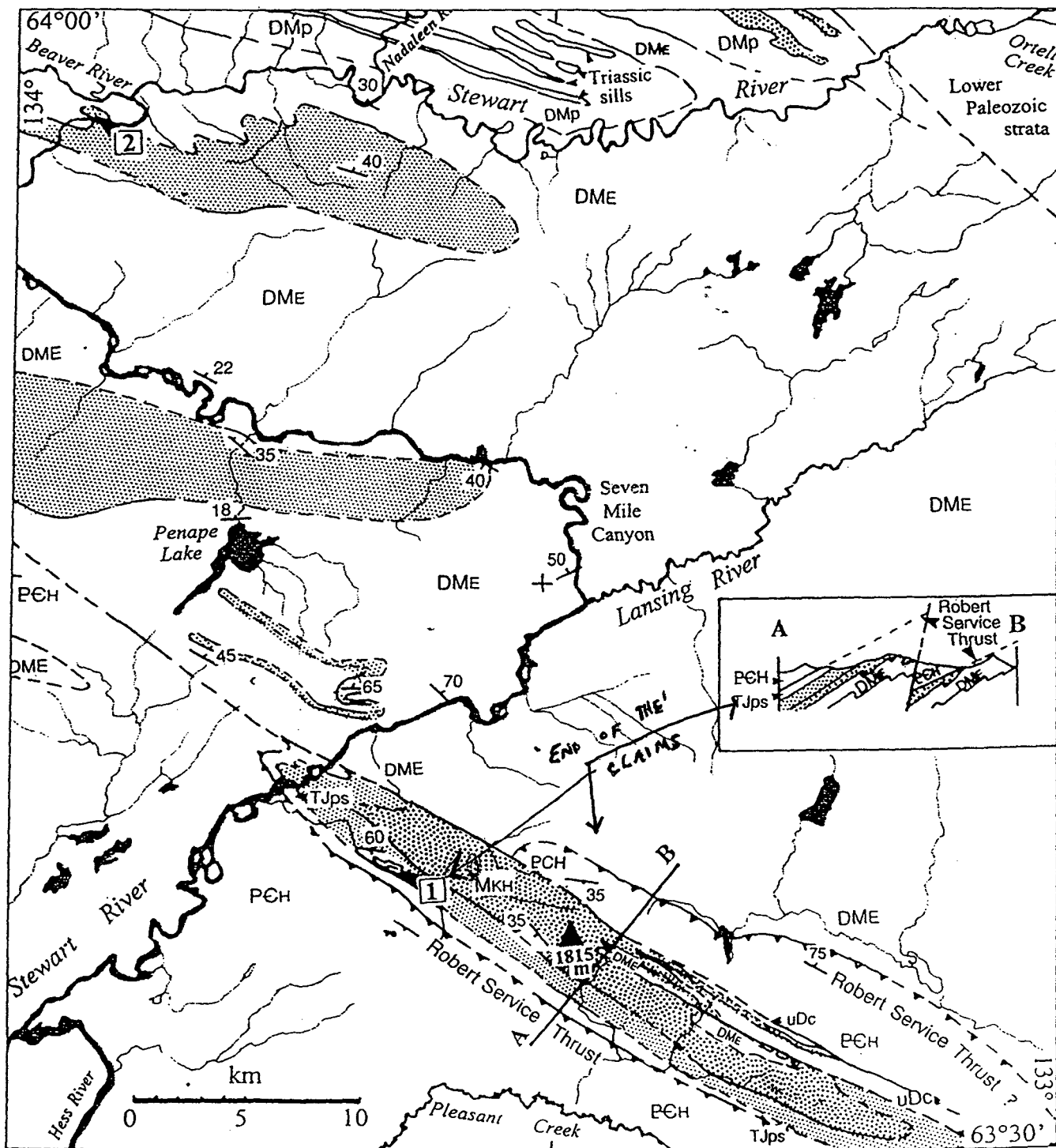


FIGURE 1: Geological units in northwestern Lansing map area.

from Yukon Exploration & Development 1996, C. Rose

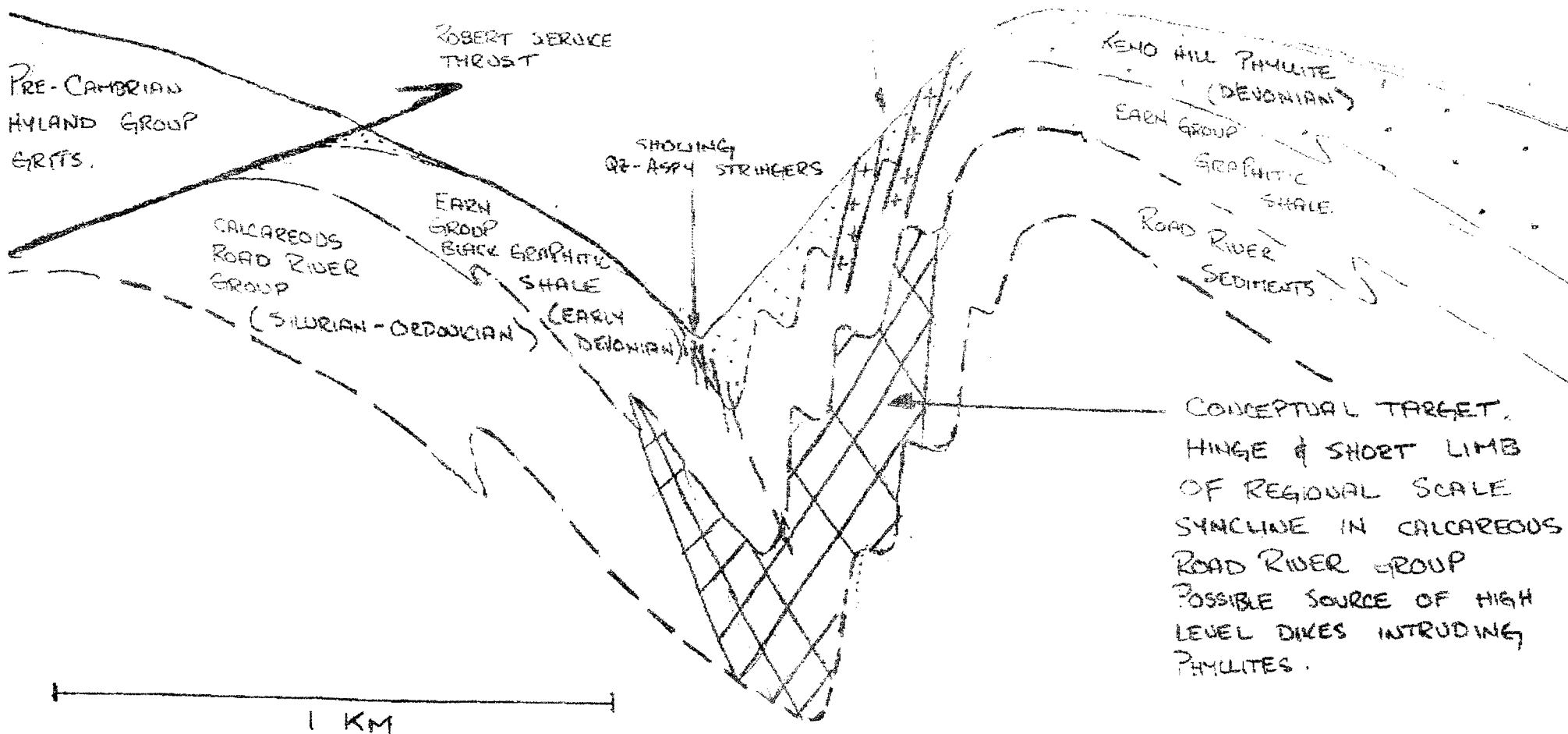
| Period or Epoch                                                     | Formation (if established)    | Map unit and lithology                                                                                                                                                                                                                                                                                            | Ref. to nearest described locality                                        |
|---------------------------------------------------------------------|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| Late Early Cretaceous                                               | Tombstone Intrusions          | Kr rhyolite dykes, biotite felsite<br>KT quartz monzonite, granodiorite                                                                                                                                                                                                                                           |                                                                           |
| <u>Clastic Shelf</u><br>(Middle Carboniferous to Triassic)          |                               |                                                                                                                                                                                                                                                                                                                   |                                                                           |
| Triassic                                                            | Jones Lake Formation          | TJps slate, sandy slate, limestone, calcareous black shale, micaceous, calcareous siltstone, sandstone; grey, non-calcareous shale                                                                                                                                                                                | Roots et al. 1995                                                         |
| unconformable                                                       |                               |                                                                                                                                                                                                                                                                                                                   |                                                                           |
| Mid. Triassic                                                       | Mafic intrusions              | Td metadiorite, gabbro                                                                                                                                                                                                                                                                                            | Mortensen and Thompson, 1990                                              |
| intrusive contact                                                   |                               |                                                                                                                                                                                                                                                                                                                   |                                                                           |
| Permian                                                             | Mt. Christie Formation        | PMC green-grey siltstone, argillite, chert                                                                                                                                                                                                                                                                        | Roots et al., 1995                                                        |
| conformable                                                         |                               |                                                                                                                                                                                                                                                                                                                   |                                                                           |
| Permian-Carboniferous                                               |                               | CPp sandstone, argillite, dark grey slate interbedded with laminated quartz sandstone and thick bedded fine-grained quartzite, buff green phyllite.                                                                                                                                                               | Roots et al., 1995                                                        |
| Carboniferous                                                       | Keno Hill Quartzite           | MKH quartzite, carbonaceous schist, limestone                                                                                                                                                                                                                                                                     | Abbott, 1990a                                                             |
|                                                                     |                               | MKv chloritic phyllite                                                                                                                                                                                                                                                                                            | Turner and Abbott, 1990                                                   |
| unconformable                                                       |                               |                                                                                                                                                                                                                                                                                                                   |                                                                           |
| <u>Turbidite Basin</u><br>(Middle Devonian to Middle Carboniferous) |                               |                                                                                                                                                                                                                                                                                                                   |                                                                           |
| Devonian to Carboniferous                                           | Earn Group                    | DME - black shale, sandstone, chert grit, chert pebble conglomerate, minor limestone, siltstone and mudstone<br>DMP - silicious slate, carbonaceous schist, meta-chert and meta-conglomerate<br>DMv - quartz-sericite-chlorite phyllite, quartz-feldspar augen phyllite<br>uDe - thick bedded coralline limestone | 600 ?<br>Abbott and Turner, 1990<br>Gordey, 1990a<br>200; Gordey, in prep |
| unconformable                                                       |                               |                                                                                                                                                                                                                                                                                                                   |                                                                           |
| <u>Selwyn Basin</u><br>(Late Precambrian to Middle Devonian)        |                               |                                                                                                                                                                                                                                                                                                                   |                                                                           |
| Road River Group                                                    |                               |                                                                                                                                                                                                                                                                                                                   |                                                                           |
| Silurian                                                            | Steel Fm.                     | Ss - grey-green siltstone, chert, minor carbonate                                                                                                                                                                                                                                                                 | 40; Roots et al., 1995                                                    |
| conformable                                                         |                               |                                                                                                                                                                                                                                                                                                                   |                                                                           |
| Ordovician to Early Devonian                                        | Duo Lake Fm./ Elmer Creek Fm. | OSD - black, brown argillite, grey and black chert, dark siltstone, minor quartz arenite                                                                                                                                                                                                                          | ~200; Gordey and Anderson, 1993 /<br>Cecile, in press.                    |
| unconformable                                                       |                               |                                                                                                                                                                                                                                                                                                                   |                                                                           |
| Mid. Camb. - Ordovician                                             | Gull Lake Formation           | COG - olive and brown siltstone, black argillite and shale; grey dolostone or carbonate breccia at base, minor grey quartzite                                                                                                                                                                                     | 100-300; Roots et al., 1995                                               |
| conformable                                                         |                               |                                                                                                                                                                                                                                                                                                                   |                                                                           |
| Hyland Group (Narchilla, Algae Lake, Yusezyu formations)            |                               |                                                                                                                                                                                                                                                                                                                   |                                                                           |
| Late Prot. to Mid. Camb.                                            | Narchilla Formation           | PCN - Maroon argillite, grey and brown slate, minor quartz sandstone interbeds                                                                                                                                                                                                                                    | 50 ? Roots et al., 1995a,b                                                |
|                                                                     | Senoah mbr.                   | PCNS - siltstone, sandstone...                                                                                                                                                                                                                                                                                    | ? Cecile, in press                                                        |
|                                                                     | Algae Lk. Fm.                 | PCAL - Limestone...                                                                                                                                                                                                                                                                                               | ? Cecile, in press                                                        |
| Late Proterozoic                                                    | Yusezyu Formation             | PY - Sandstone, grit, psammite, metaconglomerate, chloritic metasiltstone; carbonaceous phyllite or graphitic slate near base; grey limestone, marble lenses near top                                                                                                                                             | 3000+ ; Roots et al., 1995a, b                                            |

FIGURE 2 Rock stratigraphic units in Lansing map area.

SCHEMATIC CROSS-SECTION RAINBOW CR.

LOOKING WNW

Conceptual



of the steep-walled creek. The northeast side is brush-covered talus surmounted by 200-m high vertical, rusty weathering green, grey and brown interlaminated siltstone and fine sandstone, commonly silicified, occurs at the west end and atop the cliffs. This rock, considered part of the southern belt of the green-grey phyllite, has a map width of 2 km to a possible stratigraphic contact with Keno Hill quartzite. Gradations between siltstones and fine sandstone laminae indicate upright bedding. Because adjacent Keno Hill quartzite forms an anticline structure, the grey-green phyllite probably overlies it. The cliff, when viewed from a vantage point across Rainbow Creek, reveals a reticulate pattern of granitic dykes, up to 30 m wide, vertically and horizontally on the face. Talus blocks consist of medium-grained, leucocratic, muscovite granite, and contain up to 1% interstitial sulphide blebs (probably pyrrhotite). The granite has not been described or shown on earlier maps. Because the exposure is steep, the plan view of this intrusion is minute, probably 1300 m long.

## **PAST WORK RESULTS**

General prospecting and two brief property visits by junior mining company geologists (Rimfire and Viceroy) have confirmed area alteration and showing numbers.

Sulphide mineralization, especially pyrite and arsenopyrite and/or pyrrhotite can be readily found as float in Rainbow Creek. Pyrite-rich phyllite and shales are found in outcrop. Trace gold can be found in some pans, though with less consistency than in Congdon Creek, 6 km due east. Congdon has gold with few other heavies and some red garnets, while Rainbow Creek has copious amounts of pyrite.

Bi, W, As and Sb are highly anomalous in some Rainbow Creek samples. Silver values ran over 30pt Ag. Auriferous zones seem to run parallel to dip in NW-striking phyllite in Rainbow Creek. These altered zones are up to 1 m wide.

## **CURRENT PROGRAM**

The Rainbow Project field program started on August 16, 2004 with crew mobilization from Whitehorse to Mayo. The Trans North Bell 206 stationed there was used to ferry the crew to and from the job site. The North Star Inn was used as base of operations for the job except for one night spent in the bush. With all things considered, ferrying was cheaper than paying the daily minimum required by Trans North. Even if economical, the busy fire season would have precluded a standby chopper. The four-man crew was set out daily for contour soil sampling. Two-kilometre lines were covered each day per man with 50-metre stations. The 'B' soil horizon was sampled. For two days the crew prospected creeks flowing out of the project area for gold. A small sluice box was utilized to test creeks reported in 1907 (J. Keele Report) as having 'course gold' in surface gravels. A rubber raft was used as transport and a primitive camp employed for one night. The crew and samples were demobilized to Whitehorse on August 22, 2004.

The soils program consisted of eleven 2-km-long soil contour lines. The line locations were chosen for two reasons: firstly, to test the edge of what is being interpreted as a buried intrusion using government airborne mag data; the second goal, to try to narrow the focus of exploration based on the widespread placer gold in the area.

The placer testing portion of the program also had two goals: firstly, to verify that the creeks draining the area of interest did have gold, as reported one hundred years previously; and secondly, to test an area that visually mirrors

the alteration found in Rainbow Canyon, an area of known gold mineralization. This area was directly across the Stewart River, 5 miles to the north. All sample locations were recorded with hand-held GPS units.

Weather was hot and various fires could be seen from the property. Smoke, while at times thick, did not prevent travel to the site. One worker was treed by a curious bear.

## **RESULTS**

Three hundred and thirty soils and twelve rock samples were sent for analysis to ACME Labs in Vancouver, using their multi-element IDX package with 15 g samples for soils and 30 g samples for rocks. Anomalous soils were considered those greater than 10 ppb Au. The highest value for soils was 188 ppb Au. There was a good correlation between Au, Sb, Bi and As. 12.7% of the samples are anomalous in gold, most coming from four lines. Permafrost, topography and an inexperienced sampler were problematic. Yankee Hat Industries, in a December 14, 2004 press release on a property Shanghai along strike of the Robert Service Thrust, used threshold anomalies of 18, 35 and 94 ppb Au for the 90, 95 and 98 percentile cut-offs. Using this system, 13 of the 330 samples were above the 95%, for 3.9% of all samples. Approximately 82% of the proposed sampling was done although three lines had much organic contamination.

Lines 11 and 1, running along the ridge top and creek bottom respectively, have kilometre-long, semi-continuous Au and As anomalies. These two lines lie just southwest of a mag high and in the brown area of intrusive dikes. Lines 5 and 6, which lie to the north of the mag anomaly, have more scattered but important anomalies.

The continuity of anomalies (Au, As, Sb, Bi) between the end of line 11 and the first quarter of line 5 outline an important target for further exploration. Limonitic quartz breccia and Fe alterations were found throughout this section.

Anomalies on line 6 were weak and scattered. No Au anomalies were found on line 8 despite an anomalous gold value of 194 ppb from quartz float picked up in an area of 100 m<sup>2</sup> from a previous year at around Station 1250.

No anomalies were reported on lines 2, 8, 3, 7, 9 and 10. Poor sampling techniques were employed on lines 3, 6 and 7.

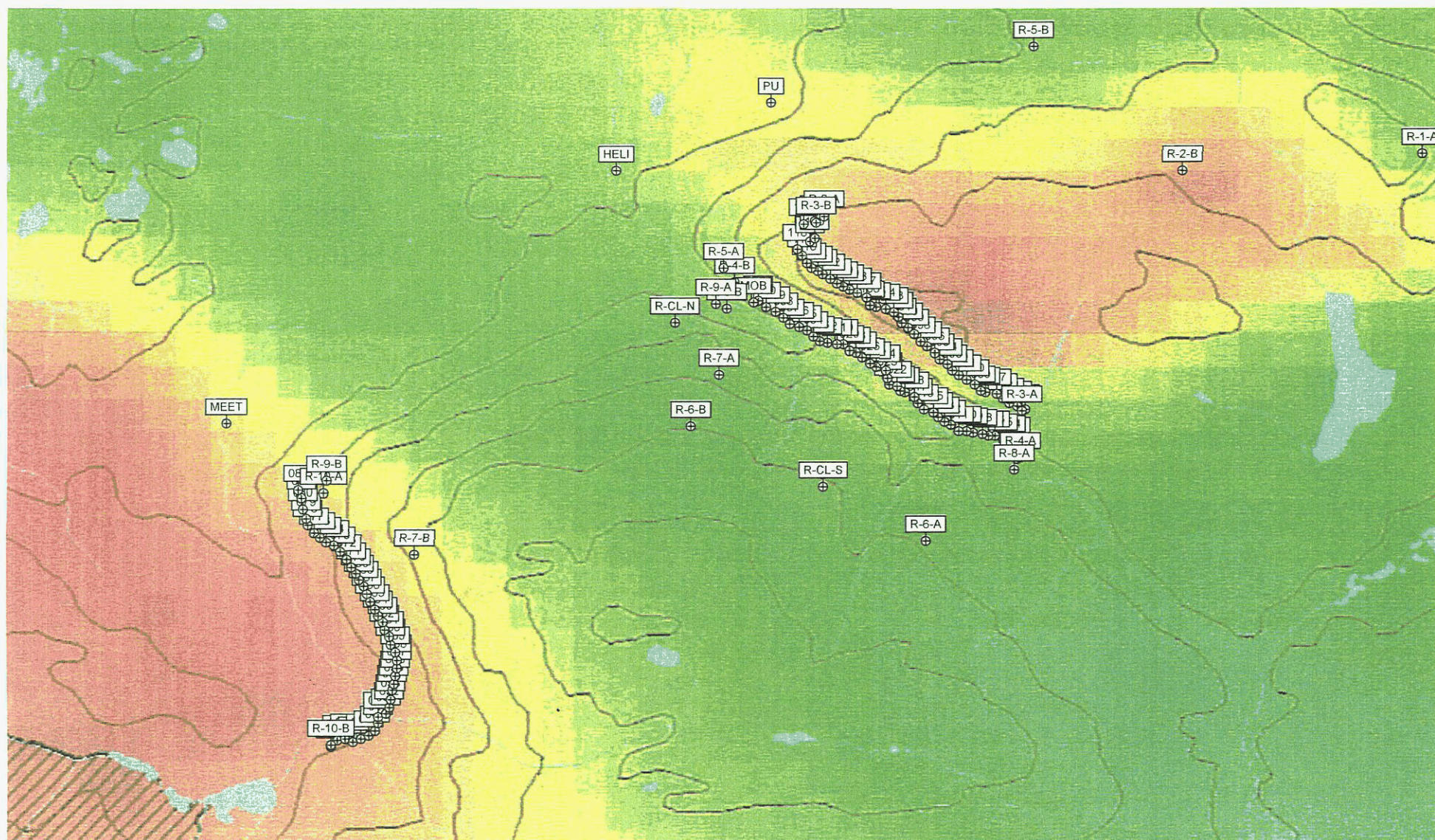
The soil lines identify the area of alteration and intrusive dikes in Rainbow Canyon as anomalous. The main showing and a second showing of massive pyrite just up-creek from the main showing (Sample 139053) did not stand out on the anomaly map. A third, new showing was discovered this season at the mouth of the canyon. It consists of trace copper and lead in a grungy, limy sediment (139057). It 'assayed' 0.135% Cu >1% Pb, >1% Zn, >10,000 As, 329 ppb Au, with high Cd, Sb, Se.

Along the Stewart River, all streams with gravel bed produced trace gold. This includes Congdon, Hope and Rainbow Creeks. Samples were taken from altered outcrop, ferricretes, and a very rusty creek. These samples were sub-anomalous in Au.

Silts samples SSA and SSB tested a small creek draining a gossan across the Stewart River from Congdon Creek and a very rusty-bottomed creek on the same limit 1 km upstream respectively. SSA was at or greater than the 90<sup>th</sup> percentile (Selwyn Basin Statistics – map gallery) in Zn, Cd and Hg; SSB in As, Fe, Mn and Hg.

Eight new claims were staked adjacent to the existing block and recorded.





Rainbow Aeromag  
 + Sample Lines 3, 8 & 10  
 (3 & 8 highly anomalous)

## **CONCLUSIONS**

The soils program at Rainbow reflects the effects of the Robert Service Thrust. Values seem to be in the footwall, northeast of the creek that parallels the fault trace.

Sampling on line 4, immediately south of the creek, did not necessarily reflect the two known showings in the creek. Permafrost was a problem throughout the entire area.

Given the widespread As, Sb, Bi, Au values and placer gold, it is safe to conclude the area is conducive to an intrusive hosted type of mineral deposit.

## **RECOMMENDATIONS**

The following steps should be taken to advance the Rainbow project:

- Mapping of geology and alterations
- Ground geophysics along contacts, across the fault, and over and beyond the known aeromag target.
- More soil sampling in footwall area
- Prospecting
- Helipad construction throughout the area
- Follow-up prospecting on creeks with placer gold, especially Hope and Congdon Creeks
- Geophysics on the flats, north of a projection of the soil anomalies from line 11 to line 5

## REFERENCES

- Roots, C. F. 1997. Upper Paleozoic strata with massive sulphide mineralization, northwestern Lansing map area, (105N), Yukon. In: *Yukon Exploration and Geology, 1996*, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, p. 138-146.

## **APPENDIX A**

### **"END OF THE" CLAIMS SAMPLE DESCRIPTION**

## **"END OF THE" CLAIMS SAMPLE DESCRIPTION**

- 139052      Line 5 – 1025: white quartz (quartzite?), with multiple cross-cutting, limonitic-coated fractures (possible breccia)
- 139053      Pyrite showing (above 4.11 g showing): pyrite cubes in grey, slightly calcareous matrix, 40% pyrite
- 139054      Line 5 – 800: 1" white quartz vein with trace Mg, pyrite, limonite and Fe staining
- 139055      Mouth of Rainbow Creek, south side: white to grey quartz with limonite in shale
- 139056      Rainbow Creek: grey blocky sediment with sub-parallel quartz veins (less 1 mm to 0.5 cm) with trace Fe, Mg and disseminated pyrite, calcareous on surface
- 139057      Mouth of Rainbow Creek, south side – white calcite clasts in grey breccia: black limy sediment with trace Pb, Cu. Sphalerite in calcite.
- 139058      Right limit Stewart, across from mouth of Congdon Creek: yellow-coated white shale, trace Mg, with rare 1" fine-grained grey massive sulfide 'blebs'
- 139059      Stewart River, right limit: ribbed 1" quartz vein with strong limonite in shale
- 139060      Stewart River, right limit: ferricrete of shale and rare quartz pebble
- 139061      Limonitic quartz float at mouth of Rainbow Creek
- 139062      Large outcrop at break in slope of limonitic rich quartz breccia, grey with 'red grains' (helicopter pick-up site)

## **Silts**

- SSA      Creek draining Congdon gossan 'north side Stewart'
- SSB      Rust Creek – upstream and opposite Congdon Creek

## **APPENDIX B**

### **ASSAYS**



| SAMPLE#      | Mo<br>ppm | Cu<br>ppm | Pb<br>ppm | Zn<br>ppm | Ag<br>ppm | Ni<br>ppm | Co<br>ppm | Mn<br>ppm | Fe<br>% | As<br>ppm | U<br>ppm | Au<br>ppb | Th<br>ppm | Sr<br>ppm | Cd<br>ppm | Sb<br>ppm | Bi<br>ppm | V<br>ppm | Ca<br>% | P<br>% | La<br>ppm | Cr<br>ppm | Mg<br>% | Ba<br>ppm | Ti<br>% | B<br>ppm | Al<br>% | Na<br>% | K<br>% | W<br>ppm | Hg<br>ppm | Sc<br>ppm | Tl<br>ppm | S<br>% | Ga<br>ppm | Se<br>ppm |
|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|-----------|-----------|-----------|--------|-----------|-----------|
| G-1          | 1.8       | 2.9       | 2.2       | 41        | <.1       | 3.7       | 3.7       | 476       | 1.87    | <.5       | 1.9      | <.5       | 4.7       | 85        | <.1       | <.1       | .1        | 38       | .55     | .086   | 7         | 14.3      | .51     | 185       | .104    | 1        | .86     | .092    | .42    | 1.6      | <.01      | 2.8       | .3        | <.05   | 4         | <.5       |
| RL1 0        | 5.2       | 33.8      | 17.0      | 114       | .4        | 39.5      | 15.6      | 240       | 3.41    | 13.2      | 1.0      | .5        | 5.1       | 62        | .4        | 1.7       | .3        | 14       | 1.57    | .173   | 17        | 8.8       | .23     | 374       | .001    | <.1      | .29     | .004    | .06    | .1       | .34       | 3.8       | .2        | .09    | 1         | 1.7       |
| RL1 050      | 4.0       | 36.3      | 16.2      | 109       | .4        | 40.8      | 15.4      | 310       | 3.03    | 10.1      | .8       | 1.2       | 6.1       | 68        | .5        | 1.1       | .3        | 12       | 2.41    | .216   | 18        | 9.7       | .35     | 269       | .001    | <.1      | .29     | .005    | .06    | <.1      | .35       | 3.3       | .2        | <.05   | 1         | 1.0       |
| RL1 100      | 12.3      | 31.1      | 15.3      | 113       | .6        | 39.6      | 12.7      | 158       | 2.90    | 13.7      | 1.6      | .7        | 2.2       | 75        | .8        | 1.6       | .3        | 16       | 2.07    | .158   | 9         | 8.3       | .30     | 321       | .001    | 1        | .21     | .004    | .05    | <.1      | .45       | 2.6       | .4        | .17    | <.1       | 2.8       |
| RL1 150      | 9.0       | 55.1      | 17.6      | 92        | .9        | 43.6      | 13.8      | 571       | 2.87    | 16.1      | 2.1      | 3.5       | 1.8       | 85        | .7        | 1.2       | .4        | 15       | 1.94    | .098   | 13        | 7.9       | .17     | 364       | .001    | 1        | .33     | .003    | .05    | <.1      | .57       | 2.9       | .1        | .11    | 1         | 2.8       |
| RL1 200      | 14.1      | 56.7      | 21.5      | 147       | .6        | 44.2      | 15.3      | 293       | 3.66    | 21.4      | 2.5      | 3.6       | 6.3       | 49        | .6        | 1.3       | .4        | 19       | .63     | .129   | 27        | 8.3       | .10     | 421       | .001    | <.1      | .40     | .003    | .06    | <.1      | .59       | 3.6       | .2        | <.05   | 1         | 1.7       |
| RL1 250      | 12.2      | 86.1      | 21.9      | 165       | .4        | 47.6      | 22.5      | 845       | 3.67    | 18.8      | 3.0      | 2.8       | 6.5       | 43        | 1.4       | 1.3       | .4        | 19       | .21     | .090   | 25        | 10.3      | .16     | 714       | .001    | <.1      | .50     | .004    | .05    | <.1      | .59       | 3.6       | .2        | <.05   | 1         | 1.6       |
| RL1 300      | 11.9      | 108.8     | 20.3      | 129       | .2        | 46.9      | 17.1      | 574       | 3.19    | 18.7      | 2.4      | 3.6       | 5.0       | 51        | .4        | 1.5       | .5        | 18       | .29     | .044   | 20        | 8.8       | .12     | 931       | .001    | 1        | .38     | .003    | .05    | <.1      | .62       | 3.1       | .1        | <.05   | 1         | 1.9       |
| RL1 350      | 8.9       | 91.3      | 18.1      | 116       | .4        | 50.7      | 14.5      | 545       | 3.18    | 21.7      | 1.4      | 2.4       | 6.8       | 112       | .5        | 1.6       | .4        | 16       | 1.04    | .186   | 27        | 8.7       | .21     | 865       | .001    | 1        | .41     | .004    | .07    | <.1      | .27       | 3.7       | .2        | .06    | 1         | 2.0       |
| RL1 400      | 9.1       | 44.6      | 20.8      | 187       | 1.2       | 53.1      | 15.4      | 266       | 3.07    | 17.4      | 1.4      | 1.9       | 7.0       | 76        | 1.6       | 2.2       | .3        | 18       | 1.91    | .312   | 24        | 10.7      | .46     | 261       | .001    | <.1      | .31     | .005    | .07    | <.1      | .31       | 3.9       | .3        | <.05   | 1         | 4.1       |
| RL1 450      | 11.4      | 54.7      | 21.1      | 234       | 1.7       | 65.5      | 18.2      | 308       | 3.20    | 12.6      | 1.7      | 1.2       | 9.7       | 107       | 2.4       | 1.8       | .3        | 19       | 3.78    | .422   | 25        | 12.8      | 1.01    | 247       | .002    | 1        | .38     | .009    | .11    | <.1      | .33       | 4.1       | .3        | <.05   | 1         | 5.8       |
| RL1 500      | 13.7      | 76.3      | 18.0      | 209       | 1.8       | 69.1      | 17.7      | 278       | 3.05    | 23.5      | 2.1      | 6.3       | 7.1       | 102       | 1.9       | 4.9       | .4        | 21       | 2.50    | .422   | 23        | 11.8      | .50     | 341       | .002    | 3        | .38     | .006    | .09    | <.1      | .52       | 3.9       | .4        | <.05   | 1         | 5.3       |
| RL1 550      | 8.5       | 47.0      | 18.3      | 207       | 2.0       | 61.7      | 15.3      | 248       | 3.41    | 17.9      | 1.9      | 2.0       | 8.2       | 114       | 2.1       | 3.8       | .3        | 22       | 3.74    | .537   | 22        | 17.4      | .54     | 246       | .002    | 2        | .46     | .008    | .12    | <.1      | .27       | 3.6       | .3        | <.05   | 1         | 6.2       |
| RL1 600      | 3.2       | 48.3      | 27.3      | 121       | .4        | 30.0      | 9.8       | 331       | 2.56    | 50.4      | 1.1      | 5.4       | 3.4       | 43        | 1.0       | 2.2       | .9        | 29       | .86     | .090   | 13        | 16.8      | .34     | 340       | .005    | 2        | .88     | .007    | .08    | .1       | .27       | 2.9       | .1        | <.05   | 3         | 2.2       |
| RL1 650      | 3.1       | 35.5      | 16.7      | 121       | 1.3       | 41.8      | 11.1      | 319       | 2.46    | 19.9      | 1.3      | 3.2       | 1.8       | 96        | 1.1       | 2.8       | .2        | 13       | 3.09    | .263   | 14        | 12.2      | .36     | 260       | .001    | 3        | .41     | .005    | .06    | .1       | .17       | 2.3       | .1        | .10    | 1         | 3.6       |
| RE RL1 650   | 2.8       | 34.6      | 16.8      | 117       | 1.3       | 40.8      | 10.9      | 301       | 2.45    | 19.9      | 1.3      | 3.2       | 1.8       | 100       | 1.1       | 2.8       | .2        | 13       | 2.95    | .254   | 16        | 12.7      | .36     | 285       | .001    | 3        | .44     | .005    | .07    | <.1      | .15       | 2.3       | .1        | .11    | 1         | 3.9       |
| RL1 700      | 7.6       | 50.2      | 19.5      | 170       | 1.1       | 52.5      | 16.1      | 343       | 3.11    | 23.2      | 1.4      | 3.0       | 7.2       | 81        | 1.2       | 2.9       | .4        | 18       | 1.99    | .318   | 24        | 13.0      | .34     | 363       | .002    | 1        | .52     | .006    | .09    | <.1      | .23       | 2.8       | .2        | <.05   | 1         | 3.9       |
| RL1 800      | 5.9       | 52.0      | 22.2      | 229       | 2.1       | 60.0      | 14.0      | 228       | 3.16    | 23.5      | 1.6      | 3.7       | 7.2       | 91        | 2.8       | 12.6      | .3        | 21       | 2.83    | .414   | 21        | 18.1      | .53     | 312       | .002    | 2        | .48     | .005    | .09    | <.1      | .27       | 2.7       | .3        | <.05   | 1         | 6.8       |
| RL1 850      | 5.8       | 57.1      | 24.8      | 257       | 2.2       | 74.3      | 14.9      | 235       | 3.71    | 78.9      | 1.8      | 5.0       | 6.9       | 107       | 2.8       | 9.3       | .3        | 20       | 3.74    | .405   | 14        | 19.8      | .57     | 302       | .001    | 2        | .31     | .004    | .09    | <.1      | .33       | 2.7       | .2        | .10    | 1         | 8.6       |
| RL1 900      | 5.2       | 47.7      | 20.9      | 210       | 1.6       | 55.0      | 11.3      | 267       | 2.79    | 17.0      | 2.0      | 3.1       | 10.6      | 131       | 2.4       | 4.1       | .2        | 27       | 3.07    | .400   | 13        | 30.4      | .37     | 189       | .001    | 1        | .37     | .003    | .11    | <.1      | .70       | 2.7       | .2        | .24    | 1         | 11.5      |
| RL1 950      | 8.9       | 56.0      | 27.3      | 183       | .5        | 65.9      | 15.4      | 257       | 4.21    | 72.5      | 2.0      | 2.0       | 9.5       | 127       | 1.3       | 10.0      | 1.2       | 28       | 2.66    | .246   | 16        | 26.1      | .45     | 636       | .002    | 3        | .45     | .007    | .13    | <.1      | .64       | 3.2       | .2        | .20    | 1         | 7.2       |
| RL1 1000     | 14.4      | 142.2     | 37.5      | 157       | .6        | 65.2      | 22.8      | 684       | 5.38    | 898.5     | 2.2      | 10.8      | 7.4       | 96        | 1.2       | 5.6       | 6.2       | 21       | 1.20    | .115   | 19        | 11.2      | .24     | 795       | .001    | 1        | .40     | .009    | .08    | <.1      | .48       | 3.0       | .2        | .14    | 1         | 3.2       |
| RL1 1050     | 13.5      | 99.1      | 345.1     | 487       | 2.9       | 77.1      | 32.2      | 607       | 8.41    | 725.9     | 2.7      | 1.9       | 6.6       | 111       | 6.5       | 19.3      | 4.3       | 23       | 2.33    | .264   | 12        | 13.9      | .44     | 75        | .002    | 3        | .39     | .004    | .11    | .1       | .69       | 3.6       | .2        | 1.53   | 1         | 5.3       |
| RL1 1100     | 17.4      | 232.9     | 44.7      | 90        | .7        | 62.4      | 24.4      | 353       | 6.25    | 1177.6    | 1.7      | 8.7       | 6.1       | 114       | .9        | 3.8       | 9.1       | 26       | 3.52    | .095   | 14        | 12.3      | .33     | 701       | .001    | 3        | .33     | .006    | .09    | <.1      | 1.66      | 3.8       | .2        | .23    | 1         | 4.3       |
| RL1 1150     | 10.5      | 244.9     | 43.8      | 103       | .7        | 70.4      | 23.8      | 432       | 5.54    | 241.4     | 2.3      | 5.9       | 7.9       | 66        | .8        | 4.1       | 6.0       | 30       | 1.31    | .140   | 30        | 22.6      | .45     | 660       | .003    | 3        | .88     | .010    | .14    | .3       | .43       | 3.8       | .2        | .09    | 3         | 3.4       |
| RL1 1200     | 9.5       | 483.6     | 41.5      | 75        | 1.5       | 52.7      | 25.1      | 558       | 6.20    | 2052.9    | 1.8      | 49.5      | 7.3       | 93        | .7        | 4.3       | 23.9      | 42       | 3.79    | .183   | 32        | 30.4      | .91     | 739       | .011    | 5        | 1.27    | .043    | .22    | .1       | .17       | 5.5       | .3        | .18    | 5         | 3.2       |
| RL1 1250     | 5.9       | 388.9     | 28.1      | 61        | 1.1       | 52.7      | 25.2      | 484       | 5.50    | 3252.4    | 1.5      | 35.5      | 5.1       | 66        | .4        | 4.6       | 20.8      | 51       | 1.98    | .204   | 26        | 38.4      | 1.00    | 474       | .013    | 5        | 1.44    | .042    | .12    | .2       | .11       | 5.6       | .4        | .12    | 6         | 3.8       |
| RL1 1300     | 6.0       | 577.7     | 17.0      | 54        | 1.1       | 64.5      | 33.1      | 511       | 5.47    | 1133.7    | 1.7      | 31.3      | 4.3       | 110       | .5        | 2.4       | 12.6      | 58       | 2.88    | .238   | 16        | 42.2      | 1.08    | 205       | .025    | 5        | 1.70    | .071    | .14    | .4       | .06       | 5.5       | .2        | .16    | 7         | 5.7       |
| RL1 1400     | 6.4       | 109.6     | 18.8      | 96        | .5        | 51.2      | 17.0      | 309       | 3.89    | 461.1     | 1.9      | 5.4       | 4.8       | 115       | .7        | 2.1       | 6.0       | 47       | 2.25    | .128   | 15        | 37.3      | .87     | 217       | .017    | 4        | 1.67    | .030    | .08    | .3       | .04       | 4.4       | .1        | .08    | 6         | 5.7       |
| RL1 1450     | 4.6       | 171.8     | 17.3      | 103       | .8        | 57.0      | 18.4      | 582       | 3.33    | 190.5     | 1.6      | 5.5       | 3.8       | 101       | 1.4       | 4.7       | 5.1       | 41       | 3.56    | .137   | 17        | 32.7      | .84     | 220       | .013    | 8        | 1.48    | .058    | .09    | .2       | .12       | 3.7       | .2        | .07    | 5         | 5.2       |
| RL1 1500     | 4.3       | 111.1     | 16.9      | 211       | 1.0       | 58.6      | 14.1      | 372       | 3.54    | 76.6      | 2.2      | 6.5       | 5.0       | 111       | 3.7       | 2.6       | 2.8       | 72       | 2.53    | .177   | 15        | 68.9      | .88     | 276       | .026    | 3        | 1.90    | .063    | .15    | .2       | .08       | 4.3       | .4        | .06    | 6         | 8.5       |
| RL1 1550     | 2.6       | 102.9     | 24.4      | 107       | .4        | 35.6      | 12.1      | 400       | 3.13    | 81.4      | 1.1      | 12.7      | 5.1       | 38        | .5        | 1.7       | 2.5       | 32       | .46     | .071   | 18        | 21.7      | .35     | 520       | .011    | 1        | .92     | .021    | .11    | .3       | .21       | 3.2       | .2        | <.05   | 3         | 1.7       |
| RL1 1600     | 2.8       | 76.0      | 28.7      | 165       | .6        | 45.6      | 12.6      | 369       | 3.42    | 88.7      | 1.3      | 6.8       | 5.6       | 65        | 1.7       | 2.1       | 1.5       | 39       | 1.24    | .105   | 16        | 34.8      | .52     | 439       | .008    | 4        | 1.20    | .027    | .13    | .1       | .24       | 3.9       | .2        | <.05   | 4         | 3.0       |
| RL1 1650     | 3.4       | 154.6     | 28.2      | 196       | .6        | 53.6      | 15.1      | 416       | 3.47    | 91.4      | 1.3      | 12.9      | 4.3       | 65        | 2.6       | 2.5       | 3.5       | 50       | 1.75    | .143   | 18        | 46.0      | .71     | 325       | .017    | 4        | 1.29    | .029    | .12    | .2       | .12       | 4.0       | .3        | <.05   | 4         | 5.9       |
| STANDARD DS5 | 12.5      | 143.2     | 25.3      | 138       | .3        | 23.7      | 11.7      | 772       | 3.00    | 17.8      | 6.4      | 42.4      | 2.9       | 47        | 5.6       | 3.6       | 6.1       | 58       | .72     | .094   | 12        | 190.9     | .69     | 138       | .091    | 17       | 2.01    | .035    | .14    | 5.1      | .18       | 3.6       | 1.1       | <.05   | 6         | 4.9       |

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



| SAMPLE#      | Mo<br>ppm | Cu<br>ppm | Pb<br>ppm | Zn<br>ppm | Ag<br>ppm | Ni<br>ppm | Co<br>ppm | Mn<br>ppm | Fe<br>% | As<br>ppm | U<br>ppm | Au<br>ppb | Th<br>ppm | Sr<br>ppm | Cd<br>ppm | Sb<br>ppm | Bi<br>ppm | V<br>ppm | Ca<br>% | P<br>% | La<br>ppm | Cr<br>ppm | Mg<br>% | Ba<br>ppm | Ti<br>% | B<br>ppm | Al<br>% | Na<br>% | K<br>% | W<br>ppm | Hg<br>ppm | Sc<br>ppm | Tl<br>ppm | S<br>% | Ga<br>ppm | Se<br>ppm |
|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|-----------|-----------|-----------|--------|-----------|-----------|
| G-1          | 1.4       | 3.3       | 2.3       | 47        | <.1       | 4.6       | 4.6       | 627       | 2.14    | <.5       | 1.8      | 1.0       | 4.2       | 96        | <.1       | <.1       | .1        | 43       | .58     | .086   | 8         | 15.0      | .64     | 289       | .148    | <1       | 1.00    | .117    | .61    | 1.4      | .01       | 3.5       | .4        | <.05   | 5         | <.5       |
| RL1 1700     | 4.9       | 88.5      | 23.0      | 179       | 1.1       | 56.9      | 11.9      | 307       | 3.69    | 99.4      | 1.6      | 17.8      | 5.3       | 103       | 2.2       | 5.7       | 1.5       | 36       | 3.46    | .218   | 15        | 34.1      | .64     | 326       | .013    | 5        | .88     | .018    | .17    | .2       | .11       | 3.4       | .3        | .48    | 3         | 7.7       |
| RL1 1750     | 5.0       | 94.2      | 24.5      | 153       | .7        | 48.5      | 14.8      | 455       | 3.51    | 144.5     | 1.5      | 7.0       | 5.9       | 85        | 1.5       | 4.4       | 2.3       | 36       | 2.06    | .165   | 18        | 27.4      | .61     | 638       | .019    | 3        | .94     | .016    | .16    | .3       | .32       | 3.6       | .3        | <.05   | 3         | 4.1       |
| RL1 1800     | 5.4       | 132.6     | 29.8      | 196       | 1.0       | 55.5      | 16.5      | 469       | 3.77    | 136.0     | 1.0      | 18.2      | 4.1       | 72        | 1.7       | 10.6      | 2.6       | 31       | 2.06    | .193   | 17        | 20.9      | .36     | 504       | .008    | 3        | .73     | .016    | .14    | .1       | .40       | 3.6       | .2        | .07    | 2         | 3.8       |
| RL1 1850     | 4.9       | 72.9      | 26.2      | 174       | .6        | 54.1      | 13.8      | 429       | 3.41    | 134.3     | 1.0      | 5.0       | 4.3       | 79        | 1.4       | 8.3       | 1.5       | 28       | 2.46    | .180   | 16        | 23.2      | .35     | 512       | .006    | 5        | .57     | .008    | .11    | .1       | .41       | 3.3       | .2        | .09    | 2         | 4.4       |
| RL1 1900     | 5.4       | 88.2      | 34.8      | 192       | 1.0       | 55.0      | 13.7      | 371       | 3.53    | 284.9     | 1.2      | 7.3       | 4.4       | 97        | 1.5       | 9.6       | 1.8       | 30       | 3.19    | .191   | 14        | 19.5      | .46     | 568       | .006    | 3        | .59     | .013    | .11    | .1       | .58       | 3.1       | .2        | <.05   | 2         | 3.9       |
| RL1 1950     | 8.4       | 61.7      | 31.7      | 175       | .6        | 59.7      | 14.8      | 365       | 3.59    | 250.8     | 1.5      | 6.0       | 5.9       | 97        | 1.8       | 7.0       | 1.1       | 43       | 2.74    | .299   | 20        | 32.6      | .75     | 471       | .009    | 7        | .82     | .011    | .19    | .2       | .17       | 3.5       | .4        | <.05   | 3         | 4.2       |
| RL2 0        | 1.3       | 15.5      | 14.6      | 82        | .3        | 22.7      | 9.1       | 605       | 3.13    | 21.0      | .9       | <.5       | 2.2       | 122       | .4        | .9        | .2        | 49       | 2.13    | .060   | 14        | 24.3      | .27     | 448       | .007    | 3        | 1.65    | .006    | .08    | .1       | .68       | 3.5       | .2        | <.05   | 4         | .6        |
| RL2 50       | 1.4       | 26.9      | 16.8      | 91        | .2        | 31.1      | 12.6      | 309       | 3.07    | 19.5      | 1.2      | 2.6       | 2.4       | 133       | .2        | .8        | .3        | 28       | 2.77    | .072   | 14        | 17.3      | .28     | 228       | .007    | 2        | .87     | .007    | .07    | .1       | .82       | 2.4       | .1        | <.05   | 3         | .8        |
| RL2 100      | .7        | 38.9      | 23.1      | 101       | .1        | 36.4      | 13.9      | 258       | 3.73    | 21.7      | 1.1      | 1.2       | 11.4      | 40        | .1        | .3        | .5        | 9        | .29     | .021   | 36        | 13.4      | .04     | 72        | .001    | 1        | .20     | .002    | .05    | <.1      | 1.51      | 1.9       | .1        | <.05   | 1         | .6        |
| RL2 200      | .7        | 29.8      | 22.1      | 88        | .1        | 32.0      | 13.6      | 406       | 3.33    | 6.2       | 1.0      | 1.2       | 10.1      | 50        | .1        | .4        | .4        | 21       | .51     | .043   | 40        | 14.5      | .14     | 302       | .004    | 2        | .67     | .004    | .06    | .1       | .35       | 2.6       | .1        | <.05   | 2         | .7        |
| RL2 250      | .4        | 24.6      | 14.1      | 113       | .2        | 19.9      | 7.2       | 390       | 1.99    | 5.4       | 2.4      | 2.8       | 3.9       | 104       | .5        | .6        | .2        | 29       | 1.22    | .073   | 11        | 20.1      | .33     | 414       | .005    | 2        | 1.04    | .006    | .07    | .1       | .31       | 2.9       | .1        | .08    | 3         | 1.1       |
| RL2 300      | 1.2       | 34.8      | 25.3      | 100       | .2        | 33.5      | 15.3      | 443       | 3.53    | 10.4      | 1.0      | 1.6       | 6.9       | 89        | .3        | .6        | .4        | 19       | .83     | .050   | 16        | 16.0      | .18     | 248       | .003    | 2        | .65     | .004    | .06    | .1       | .60       | 3.8       | .1        | <.05   | 2         | .7        |
| RL2 350      | .8        | 29.1      | 21.6      | 85        | .2        | 24.4      | 12.3      | 570       | 3.22    | 7.6       | .9       | 1.0       | 2.6       | 75        | .4        | .4        | .3        | 21       | 1.13    | .055   | 12        | 14.8      | .21     | 195       | .004    | <1       | .71     | .005    | .04    | .1       | .37       | 3.8       | <.1       | <.05   | 2         | 1.0       |
| RL2 400      | .6        | 29.0      | 20.5      | 99        | .1        | 22.9      | 10.8      | 428       | 3.15    | 4.0       | 1.1      | 1.0       | 3.2       | 112       | .2        | .4        | .4        | 13       | 1.28    | .052   | 14        | 10.4      | .14     | 178       | .002    | 2        | .46     | .004    | .05    | .1       | .15       | 3.5       | <.1       | <.05   | 1         | .7        |
| RL2 450      | 1.1       | 25.6      | 15.3      | 78        | .2        | 27.2      | 15.2      | 468       | 2.83    | 9.1       | .7       | 2.6       | 6.0       | 51        | .2        | .7        | .3        | 28       | .55     | .052   | 17        | 20.1      | .39     | 240       | .012    | 2        | .93     | .007    | .06    | <.1      | .14       | 3.3       | .1        | <.05   | 3         | .6        |
| RL2 500      | .7        | 33.8      | 22.3      | 90        | .2        | 30.5      | 16.6      | 583       | 3.13    | 6.8       | 1.0      | 1.6       | 4.8       | 72        | .3        | .6        | .4        | 21       | .89     | .048   | 16        | 14.3      | .24     | 271       | .005    | 2        | .71     | .005    | .06    | .1       | .17       | 4.4       | .1        | <.05   | 2         | .6        |
| RE RL2 500   | .8        | 34.3      | 21.3      | 89        | .1        | 28.5      | 17.2      | 566       | 3.02    | 5.9       | 1.0      | 3.1       | 4.5       | 66        | .3        | .5        | .4        | 19       | .90     | .046   | 15        | 13.5      | .22     | 260       | .006    | 2        | .65     | .005    | .05    | <.1      | .16       | 3.9       | .1        | <.05   | 2         | .6        |
| RL2 550      | 1.0       | 30.8      | 19.7      | 93        | .1        | 28.6      | 13.2      | 407       | 3.25    | 7.7       | .8       | 2.3       | 8.8       | 59        | .2        | .6        | .4        | 24       | .42     | .040   | 18        | 17.0      | .30     | 237       | .007    | 1        | .77     | .006    | .07    | .1       | .20       | 3.9       | .1        | <.05   | 2         | .5        |
| RL2 650      | .9        | 5.6       | 11.8      | 19        | <.1       | 9.1       | 4.4       | 698       | 1.54    | 3.8       | .5       | 1.5       | 6.7       | 61        | .2        | .2        | .1        | 6        | 1.55    | .008   | 7         | 10.9      | .03     | 124       | .001    | 6        | .67     | .015    | .26    | 1.5      | .06       | 2.5       | .1        | <.05   | 1         | <.5       |
| RL2 700      | .8        | 28.4      | 19.1      | 95        | .1        | 25.7      | 12.5      | 728       | 2.94    | 3.5       | 1.4      | .6        | 3.7       | 135       | .4        | .3        | .5        | 10       | 1.35    | .064   | 11        | 10.3      | .11     | 197       | .002    | 2        | .32     | .004    | .05    | .1       | .09       | 2.9       | <.1       | <.05   | 1         | .8        |
| RL2 725      | .4        | 39.5      | 7.9       | 71        | <.1       | 20.1      | 11.4      | 229       | 2.96    | 1.4       | .6       | <.5       | 7.0       | 63        | .1        | .1        | .5        | 7        | .24     | .022   | 11        | 6.5       | .09     | 91        | .001    | 2        | .19     | .002    | .04    | <.1      | .05       | 3.5       | <.1       | <.05   | 1         | <.5       |
| RL2 750      | 2.5       | 55.9      | 13.8      | 170       | .3        | 38.3      | 11.2      | 324       | 3.12    | 8.0       | 1.1      | 3.3       | 7.3       | 56        | .7        | 1.1       | .3        | 43       | .34     | .071   | 20        | 24.0      | .34     | 480       | .015    | 3        | .90     | .010    | .13    | .1       | .17       | 3.3       | .1        | <.05   | 3         | 1.5       |
| RL2 800      | .9        | 38.1      | 20.4      | 118       | .2        | 26.4      | 15.5      | 683       | 2.91    | 3.2       | 1.7      | 3.9       | 3.7       | 90        | .7        | .4        | .3        | 32       | .69     | .062   | 10        | 22.2      | .25     | 437       | .006    | 2        | .65     | .006    | .08    | .1       | .13       | 2.7       | .1        | <.05   | 2         | 2.4       |
| RL2 850      | 5.4       | 79.0      | 14.0      | 245       | .4        | 56.4      | 14.2      | 393       | 3.24    | 15.8      | 1.4      | 7.4       | 4.8       | 52        | .8        | 2.2       | .3        | 64       | .03     | .053   | 23        | 26.8      | .31     | 358       | .005    | 2        | 1.33    | .003    | .12    | .1       | .19       | 2.7       | .3        | <.05   | 4         | 3.6       |
| RL2 900      | 5.4       | 101.7     | 11.7      | 251       | .8        | 56.2      | 9.8       | 332       | 2.68    | 11.5      | 4.0      | 7.7       | 3.1       | 59        | 2.4       | 1.6       | .2        | 65       | .15     | .068   | 23        | 24.5      | .23     | 1221      | .007    | 1        | 1.12    | .003    | .12    | <.1      | .29       | 4.1       | .3        | <.05   | 3         | 3.7       |
| RL2 950      | 2.6       | 52.0      | 12.1      | 81        | .6        | 25.8      | 9.6       | 342       | 2.77    | 11.3      | 2.2      | 5.2       | 5.9       | 15        | .2        | 1.0       | .3        | 62       | .08     | .042   | 20        | 32.7      | .40     | 454       | .027    | 1        | 1.68    | .005    | .08    | .1       | .20       | 4.2       | .2        | <.05   | 5         | 1.4       |
| RL2 1000     | 3.6       | 39.5      | 12.1      | 133       | .2        | 30.6      | 9.5       | 357       | 2.92    | 11.5      | .9       | 4.5       | 3.6       | 25        | .4        | 1.5       | .2        | 53       | .09     | .073   | 19        | 24.5      | .32     | 289       | .015    | 3        | 1.14    | .004    | .13    | .1       | .06       | 2.1       | .2        | <.05   | 4         | 1.4       |
| RL2 1050     | 3.0       | 28.2      | 13.0      | 98        | .3        | 25.0      | 11.6      | 369       | 2.83    | 12.5      | 1.7      | 3.0       | 5.4       | 18        | .2        | 1.2       | .2        | 55       | .10     | .055   | 20        | 27.5      | .41     | 444       | .021    | 1        | 1.36    | .004    | .11    | .1       | .10       | 3.6       | .2        | <.05   | 4         | 1.3       |
| RL2 1100     | 3.3       | 56.0      | 11.1      | 153       | .4        | 43.7      | 12.9      | 515       | 3.01    | 11.6      | 1.3      | 4.4       | 4.7       | 28        | 1.0       | 1.5       | .2        | 42       | .11     | .066   | 21        | 24.0      | .37     | 433       | .010    | 2        | 1.21    | .004    | .11    | .1       | .16       | 2.9       | .2        | <.05   | 3         | 1.3       |
| RL2 1150     | 3.6       | 36.6      | 14.1      | 136       | .3        | 31.0      | 12.0      | 515       | 3.44    | 14.1      | 1.2      | 5.4       | 3.5       | 21        | .5        | 1.4       | .3        | 55       | .09     | .074   | 18        | 27.0      | .35     | 336       | .013    | 3        | 1.38    | .004    | .13    | .1       | .12       | 2.6       | .2        | <.05   | 4         | 1.5       |
| RL2 1200     | 3.9       | 30.7      | 11.9      | 90        | .2        | 24.9      | 8.9       | 434       | 2.51    | 10.4      | .9       | 3.4       | 1.3       | 25        | .5        | 1.3       | .2        | 51       | .11     | .075   | 21        | 22.5      | .28     | 423       | .013    | 2        | 1.10    | .003    | .12    | .1       | .08       | 1.7       | .2        | <.05   | 4         | 1.3       |
| RL2 1250     | 2.7       | 30.2      | 11.9      | 103       | .3        | 19.5      | 5.8       | 380       | 2.19    | 9.0       | 1.0      | 2.3       | .5        | 22        | .6        | .8        | .2        | 56       | .10     | .077   | 16        | 20.6      | .24     | 687       | .009    | 1        | 1.23    | .004    | .11    | .1       | .09       | 1.5       | .2        | <.05   | 5         | 1.2       |
| RL2 1350     | 7.1       | 49.4      | 15.1      | 176       | .6        | 31.3      | 17.7      | 796       | 3.05    | 11.3      | 2.2      | 2.8       | 3.3       | 66        | .5        | 1.9       | .2        | 52       | .52     | .138   | 19        | 24.5      | .69     | 605       | .012    | 4        | 1.32    | .005    | .21    | <.1      | .35       | 2.7       | .2        | <.05   | 4         | 4.5       |
| STANDARD DS5 | 13.5      | 144.6     | 24.8      | 142       | .3        | 24.1      | 11.9      | 807       | 3.01    | 18.5      | 6.2      | 44.0      | 3.1       | 50        | 5.6       | 3.9       | 6.3       | 60       | .76     | .097   | 12        | 191.4     | .70     | 144       | .106    | 18       | 2.00    | .035    | .16    | 4.9      | 20        | 3.5       | 1.1       | <.05   | 7         | 4.8       |

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



| SAMPLE#      | Mo<br>ppm | Cu<br>ppm | Pb<br>ppm | Zn<br>ppm | Ag<br>ppm | Ni<br>ppm | Co<br>ppm | Mn<br>ppm | Fe<br>% | As<br>ppm | U<br>ppm | Au<br>ppb | Th<br>ppm | Sr<br>ppm | Cd<br>ppm | Sb<br>ppm | Bi<br>ppm | V<br>ppm | Ca<br>% | P<br>% | La<br>ppm | Cr<br>ppm | Mg<br>% | Ba<br>ppm | Ti<br>% | B<br>ppm | Al<br>% | Na<br>% | K<br>% | W<br>ppm | Hg<br>ppm | Sc<br>ppm | Tl<br>ppm | S<br>% | Ga<br>ppm | Se<br>ppm |
|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|-----------|-----------|-----------|--------|-----------|-----------|
| G-1          | 1.3       | 2.8       | 2.4       | 44        | <.1       | 4.6       | 4.1       | 604       | 1.94    | <.5       | 1.7      | .6        | 4.3       | 80        | <.1       | <.1       | .1        | 41       | .56     | .070   | 9         | 12.6      | .57     | 261       | .126    | 1        | .89     | .075    | .49    | 1.3      | <.01      | 2.8       | .3        | <.05   | 5         | <.5       |
| RL2 1400     | 3.1       | 22.9      | 16.1      | 98        | .3        | 21.7      | 16.4      | 1467      | 2.32    | 9.1       | 1.3      | 4.5       | 2.9       | 54        | .6        | .7        | .3        | 50       | .63     | .121   | 21        | 30.5      | .57     | 477       | .007    | 3        | 1.25    | .004    | .11    | .1       | .17       | 3.6       | .2        | <.05   | 4         | 1.7       |
| RL2 1450     | 2.5       | 24.5      | 15.3      | 104       | .4        | 18.6      | 8.9       | 368       | 2.30    | 10.3      | 1.9      | 2.2       | 4.3       | 52        | .5        | .9        | .2        | 45       | .53     | .097   | 20        | 19.7      | .52     | 387       | .007    | 3        | 1.04    | .005    | .14    | .1       | .22       | 3.1       | .2        | <.05   | 4         | 2.2       |
| RL2 1550     | 2.7       | 43.7      | 12.5      | 89        | .6        | 20.9      | 8.2       | 551       | 1.72    | 7.0       | 2.8      | 3.4       | 1.9       | 40        | .7        | .7        | .2        | 33       | .47     | .089   | 19        | 17.6      | .36     | 474       | .004    | 2        | 1.07    | .004    | .09    | .1       | .22       | 2.6       | .2        | <.05   | 4         | 1.1       |
| RL2 1600     | 12.3      | 49.2      | 13.7      | 205       | .6        | 30.3      | 10.4      | 500       | 2.81    | 12.6      | 2.1      | 1.1       | 4.8       | 24        | 1.2       | 3.4       | .3        | 33       | .27     | .081   | 33        | 14.1      | .44     | 212       | .002    | 1        | .87     | .002    | .06    | <.1      | .29       | 2.5       | .2        | <.05   | 3         | 1.7       |
| RL2 1650     | 3.7       | 33.9      | 16.6      | 98        | .4        | 17.8      | 6.6       | 394       | 2.03    | 7.6       | 1.8      | 2.2       | 3.3       | 34        | .6        | 1.1       | .3        | 34       | .41     | .061   | 19        | 18.5      | .30     | 303       | .002    | 1        | 1.05    | .004    | .07    | .1       | .19       | 3.0       | .2        | <.05   | 4         | 1.0       |
| RL2 1700     | 4.0       | 62.7      | 18.6      | 134       | .3        | 43.1      | 15.6      | 1104      | 3.79    | 24.5      | 1.3      | 4.7       | 8.8       | 50        | .4        | 2.2       | .4        | 22       | .60     | .096   | 20        | 14.3      | .21     | 235       | .003    | 2        | .69     | .004    | .08    | <.1      | .29       | 5.6       | .1        | <.05   | 2         | .9        |
| RL2 1750     | 1.7       | 11.5      | 16.1      | 95        | .1        | 14.1      | 8.7       | 844       | 2.40    | 8.0       | .4       | .9        | 3.2       | 17        | .3        | .5        | .2        | 65       | .21     | .033   | 20        | 26.1      | .27     | 442       | .007    | 2        | 1.78    | .004    | .05    | .1       | .04       | 3.1       | .2        | <.05   | 6         | <.5       |
| RL2 1800     | 3.5       | 36.9      | 13.6      | 86        | .2        | 23.7      | 11.8      | 482       | 3.32    | 9.8       | 1.2      | 1.9       | 2.9       | 20        | .4        | .9        | .2        | 37       | .21     | .083   | 28        | 13.9      | .14     | 372       | .002    | 1        | .97     | .003    | .05    | .1       | .07       | 3.1       | .1        | <.05   | 3         | <.5       |
| RL2 1850     | 6.2       | 41.3      | 13.1      | 98        | .3        | 22.5      | 7.5       | 147       | 2.83    | 11.2      | .9       | 2.4       | 3.7       | 15        | .4        | 1.3       | .2        | 35       | .07     | .052   | 26        | 12.3      | .13     | 231       | .003    | 1        | .75     | .002    | .08    | <.1      | .07       | 1.7       | .1        | <.05   | 3         | .8        |
| RL2 1900     | 1.9       | 19.5      | 10.4      | 79        | .2        | 14.6      | 6.1       | 277       | 2.45    | 9.3       | .5       | .8        | 1.2       | 14        | .4        | .8        | .2        | 52       | .12     | .042   | 18        | 20.3      | .31     | 295       | .011    | 1        | 1.11    | .003    | .09    | .1       | .04       | 1.8       | .1        | <.05   | 5         | <.5       |
| RE RL2 1900  | 1.7       | 19.9      | 10.9      | 78        | .2        | 14.3      | 6.3       | 289       | 2.54    | 9.4       | .5       | 1.0       | 1.2       | 14        | .3        | .7        | .2        | 53       | .13     | .042   | 19        | 19.6      | .30     | 306       | .011    | 2        | 1.11    | .003    | .10    | .1       | .03       | 1.9       | .1        | <.05   | 5         | <.5       |
| RL2 1950     | 3.4       | 36.2      | 22.7      | 108       | .3        | 22.9      | 12.7      | 639       | 4.52    | 10.0      | .7       | 1.2       | 4.7       | 15        | .4        | 1.1       | .2        | 64       | .10     | .053   | 33        | 26.8      | .64     | 489       | .006    | 2        | 2.23    | .004    | .13    | <.1      | .04       | 3.4       | .1        | <.05   | 8         | <.5       |
| RL2 2000     | 5.0       | 43.6      | 18.6      | 106       | .1        | 23.6      | 8.9       | 341       | 3.53    | 16.0      | 1.1      | 4.2       | 2.9       | 12        | .4        | 1.5       | .3        | 79       | .08     | .118   | 23        | 29.3      | 1.43    | 207       | .009    | 3        | 1.94    | .002    | .21    | .1       | .04       | 2.5       | .2        | <.05   | 7         | 1.1       |
| RL3 0        | 3.8       | 37.8      | 17.8      | 100       | .4        | 31.7      | 9.4       | 639       | 2.25    | 18.7      | 1.1      | 4.0       | 2.9       | 65        | .3        | 1.1       | .4        | 27       | .90     | .091   | 15        | 15.0      | .18     | 699       | .002    | 2        | .81     | .005    | .07    | .1       | .23       | 2.7       | .2        | <.05   | 2         | .9        |
| RL3 50       | 2.2       | 26.2      | 21.8      | 85        | .2        | 17.8      | 5.0       | 97        | 1.76    | 19.0      | 1.1      | 3.0       | 4.9       | 40        | .2        | 1.0       | .4        | 31       | .43     | .083   | 19        | 18.3      | .24     | 396       | .003    | 1        | .91     | .004    | .07    | .1       | .21       | 2.9       | .1        | <.05   | 3         | .8        |
| RL3 100      | 2.5       | 38.3      | 20.3      | 128       | .4        | 33.6      | 10.8      | 347       | 2.86    | 19.0      | 1.4      | 2.2       | 5.9       | 52        | .9        | 1.4       | .3        | 37       | .53     | .097   | 21        | 21.0      | .31     | 641       | .011    | 2        | .95     | .009    | .09    | .1       | .21       | 3.5       | .2        | <.05   | 3         | 1.2       |
| RL3 150      | 2.0       | 30.6      | 20.9      | 102       | .2        | 26.9      | 8.6       | 224       | 2.59    | 15.8      | 1.2      | 2.5       | 6.8       | 28        | .3        | .9        | .3        | 28       | .31     | .071   | 30        | 19.4      | .29     | 450       | .005    | 2        | .96     | .005    | .08    | .1       | .16       | 2.7       | .1        | <.05   | 3         | .5        |
| RL3 200      | 2.1       | 30.9      | 17.2      | 101       | .2        | 25.3      | 9.3       | 268       | 2.31    | 14.3      | 1.3      | 2.9       | 6.3       | 28        | .3        | .9        | .3        | 30       | .25     | .073   | 27        | 19.1      | .30     | 480       | .008    | 1        | .91     | .005    | .08    | .1       | .15       | 2.7       | .1        | <.05   | 3         | .7        |
| RL3 250      | 2.5       | 29.0      | 16.7      | 109       | .3        | 25.7      | 9.1       | 310       | 2.29    | 16.4      | 1.1      | 3.1       | 4.9       | 34        | .4        | 1.1       | .3        | 34       | .36     | .077   | 22        | 19.5      | .28     | 423       | .007    | 2        | .92     | .005    | .08    | .1       | .16       | 2.7       | .1        | <.05   | 3         | 1.0       |
| RL3 300      | 1.2       | 25.6      | 17.3      | 131       | .2        | 26.6      | 10.6      | 636       | 2.47    | 13.2      | 1.7      | 3.0       | 3.3       | 62        | 1.0       | .8        | .3        | 31       | .74     | .071   | 22        | 19.1      | .30     | 438       | .005    | 2        | .92     | .007    | .08    | .1       | .16       | 2.4       | .1        | <.05   | 3         | 1.1       |
| RL3 350      | 1.7       | 34.4      | 15.1      | 94        | .4        | 27.8      | 6.6       | 441       | 2.04    | 18.3      | 1.2      | 6.4       | 2.4       | 73        | .6        | 1.1       | .3        | 27       | 1.14    | .084   | 15        | 16.7      | .25     | 587       | .005    | 1        | .86     | .007    | .06    | .2       | .18       | 2.0       | .1        | <.05   | 3         | .8        |
| RL3 400      | 1.8       | 36.6      | 21.0      | 130       | .3        | 33.6      | 10.1      | 386       | 2.84    | 25.5      | 1.0      | 3.2       | 4.5       | 43        | .5        | 1.2       | .4        | 40       | .54     | .068   | 20        | 22.3      | .34     | 580       | .007    | 3        | 1.21    | .006    | .10    | .1       | .16       | 3.0       | .2        | <.05   | 4         | .7        |
| RL3 450      | 2.2       | 17.4      | 16.6      | 100       | .3        | 19.6      | 9.4       | 528       | 2.24    | 16.8      | 1.5      | 22.9      | 3.5       | 50        | .3        | .8        | .3        | 35       | .65     | .086   | 18        | 19.5      | .29     | 405       | .007    | 2        | .90     | .006    | .07    | .1       | .16       | 2.3       | .1        | <.05   | 3         | .6        |
| RL3 550      | 1.2       | 26.4      | 23.2      | 106       | .2        | 25.0      | 7.5       | 242       | 2.16    | 16.1      | 1.7      | 2.2       | 6.5       | 37        | .3        | .9        | .4        | 31       | .37     | .065   | 23        | 20.2      | .32     | 429       | .005    | 1        | 1.03    | .005    | .07    | .1       | .19       | 3.2       | .1        | <.05   | 4         | 1.1       |
| RL3 600      | 2.1       | 21.6      | 17.6      | 93        | .3        | 21.7      | 10.0      | 561       | 2.21    | 24.5      | 1.7      | 2.3       | 2.9       | 57        | .4        | 1.0       | .4        | 31       | .77     | .087   | 16        | 17.8      | .30     | 521       | .004    | 2        | .98     | .006    | .07    | .1       | .19       | 2.5       | .1        | <.05   | 3         | 1.0       |
| RL3 650      | 2.0       | 24.6      | 18.1      | 94        | .3        | 26.6      | 11.2      | 1062      | 2.31    | 23.5      | 1.4      | 2.6       | 3.9       | 54        | .4        | 1.0       | .4        | 33       | .63     | .080   | 20        | 18.8      | .30     | 528       | .005    | 2        | 1.05    | .006    | .07    | .1       | .19       | 2.7       | .2        | <.05   | 3         | .9        |
| RL3 750      | 2.3       | 22.0      | 15.9      | 98        | .3        | 22.2      | 9.3       | 566       | 2.30    | 16.1      | 1.5      | 3.9       | 3.2       | 53        | .4        | 1.0       | .3        | 37       | .70     | .083   | 18        | 18.8      | .30     | 476       | .007    | 3        | .95     | .007    | .08    | .1       | .17       | 2.5       | .1        | <.05   | 3         | .9        |
| RL3 800      | 2.6       | 16.4      | 19.7      | 85        | .3        | 17.5      | 10.4      | 695       | 2.19    | 20.8      | 1.2      | 3.4       | 2.6       | 52        | .3        | .9        | .4        | 36       | .75     | .078   | 13        | 18.6      | .27     | 445       | .005    | 2        | .89     | .005    | .07    | .1       | .18       | 2.5       | .1        | <.05   | 3         | .9        |
| RL3 900      | .4        | 19.2      | 15.6      | 97        | .2        | 19.7      | 8.6       | 360       | 1.64    | 8.8       | 1.7      | 1.8       | 3.7       | 83        | .5        | .6        | .3        | 25       | 1.28    | .048   | 13        | 16.0      | .28     | 400       | .003    | 1        | .88     | .005    | .06    | .1       | .15       | 2.4       | .1        | .06    | 3         | .8        |
| RL3 1150     | 1.2       | 22.0      | 19.8      | 97        | .3        | 22.2      | 10.9      | 519       | 2.07    | 16.1      | 2.0      | 2.1       | 3.4       | 78        | .5        | .8        | .4        | 31       | 1.06    | .068   | 15        | 18.1      | .31     | 560       | .005    | 2        | 1.04    | .007    | .07    | .1       | .17       | 2.6       | .1        | .07    | 3         | .8        |
| RL3 1200     | .8        | 20.1      | 20.4      | 93        | .2        | 18.3      | 9.2       | 576       | 1.94    | 12.1      | 2.5      | 1.9       | 2.0       | 97        | .4        | .5        | .3        | 30       | 1.50    | .060   | 13        | 17.1      | .25     | 344       | .006    | 2        | .88     | .007    | .06    | .1       | .13       | 2.1       | .1        | .10    | 3         | 1.1       |
| RL3 1600     | 1.4       | 4.9       | 5.6       | 30        | <.1       | 4.8       | 1.5       | 45        | .88     | 7.1       | .4       | .9        | 2.7       | 6         | .1        | .7        | .2        | 60       | .04     | .011   | 19        | 9.2       | .04     | 52        | .015    | 1        | .45     | .003    | .02    | .1       | .01       | .8        | .1        | <.05   | 5         | <.5       |
| RL3 1650     | 4.0       | 36.0      | 16.4      | 149       | .3        | 33.5      | 11.3      | 410       | 2.99    | 46.7      | .9       | 4.7       | 4.4       | 38        | .5        | 1.7       | .6        | 40       | .41     | .111   | 20        | 20.2      | .25     | 463       | .005    | 2        | .88     | .006    | .08    | .1       | .17       | 2.7       | .2        | <.05   | 3         | 1.2       |
| STANDARD DS5 | 12.3      | 144.6     | 25.6      | 139       | .3        | 24.6      | 11.7      | 742       | 2.86    | 18.5      | 6.5      | 43.9      | 3.0       | 51        | 5.5       | 3.7       | 6.0       | 62       | .76     | .089   | 15        | 176.7     | .68     | 143       | .098    | 19       | 1.99    | .034    | .15    | 4.8      | .18       | 3.8       | 1.1       | <.05   | 7         | 5.3       |

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



| SAMPLE#      | Mo<br>ppm | Cu<br>ppm | Pb<br>ppm | Zn<br>ppm | Ag<br>ppm | Ni<br>ppm | Co<br>ppm | Mn<br>ppm | Fe<br>% | As<br>ppm | U<br>ppm | Au<br>ppb | Th<br>ppm | Sr<br>ppm | Cd<br>ppm | Sb<br>ppm | Bi<br>ppm | V<br>ppm | Ca<br>% | P<br>% | La<br>ppm | Cr<br>ppm | Mg<br>% | Ba<br>ppm | Ti<br>% | B<br>ppm | Al<br>% | Na<br>% | K<br>% | W<br>ppm | Hg<br>ppm | Sc<br>ppm | Tl<br>ppm | S<br>% | Ga<br>ppm | Se<br>ppm |
|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|-----------|-----------|-----------|--------|-----------|-----------|
| G-1          | 1.5       | 2.6       | 1.9       | 44        | <1        | 4.2       | 3.8       | 579       | 1.94    | .6        | 1.5      | .5        | 3.8       | 79        | <1        | <1        | .1        | 43       | .53     | .085   | 6         | 13.6      | .60     | 272       | .135    | 1        | .91     | .082    | .54    | 1.3      | <.01      | 3.3       | .4        | <.05   | 4         | <.5       |
| RL4 0        | 7.7       | 38.0      | 13.1      | 130       | .4        | 36.5      | 11.8      | 626       | 2.67    | 15.5      | 1.8      | 2.0       | 2.4       | 61        | 1.1       | 1.8       | .2        | 23       | 1.10    | .158   | 10        | 10.9      | .17     | 445       | .002    | 3        | .48     | .005    | .05    | .1       | .43       | 2.6       | .2        | <.05   | 1         | 2.3       |
| RL4 50       | 3.1       | 189.5     | 11.8      | 193       | .2        | 61.8      | 19.7      | 467       | 7.53    | 574.2     | 1.5      | 3.7       | 1.7       | 35        | .1        | 141.6     | .6        | 22       | .06     | .008   | 3         | 8.6       | .02     | 354       | <.001   | 2        | .17     | .005    | .08    | .4       | 2.06      | 7.4       | .4        | .21    | 1         | .9        |
| RL4 100      | 7.6       | 150.1     | 22.8      | 113       | .1        | 45.1      | 19.0      | 1357      | 3.00    | 126.6     | .8       | 3.8       | 2.4       | 25        | .2        | 52.8      | .5        | 12       | .07     | .011   | 7         | 5.1       | .05     | 710       | .001    | 2        | .12     | .002    | .05    | .1       | .91       | 2.8       | .2        | .06    | <1        | .9        |
| RL4 150      | 12.8      | 122.8     | 23.5      | 111       | .1        | 46.5      | 16.2      | 648       | 3.66    | 334.7     | 1.6      | 1.6       | 2.3       | 40        | .1        | 65.9      | .5        | 20       | .06     | .008   | 5         | 7.2       | .10     | 420       | <.001   | 3        | .11     | .004    | .09    | .1       | 1.19      | 2.5       | .7        | .17    | 1         | 2.2       |
| RL4 200      | 8.7       | 164.6     | 28.6      | 132       | .3        | 54.0      | 20.2      | 1107      | 3.89    | 142.8     | 1.7      | 4.1       | 2.3       | 47        | .2        | 36.3      | .6        | 15       | .22     | .029   | 6         | 6.3       | .18     | 724       | <.001   | 1        | .19     | .003    | .06    | .1       | .96       | 3.3       | .2        | .07    | <1        | 1.7       |
| RL4 250      | 10.1      | 63.5      | 32.3      | 168       | .2        | 86.1      | 27.5      | 1322      | 6.03    | 46.4      | 1.8      | .7        | 6.2       | 147       | .9        | 6.7       | .4        | 13       | .18     | .093   | 10        | 7.3       | .08     | 427       | .001    | 2        | .24     | .055    | .09    | .1       | .79       | 3.4       | .3        | .36    | <1        | 1.4       |
| RL4 300      | 27.4      | 67.5      | 26.9      | 294       | .6        | 86.1      | 21.5      | 455       | 4.38    | 119.1     | 7.1      | .7        | 8.7       | 115       | 1.9       | 26.2      | .3        | 27       | 1.52    | .319   | 14        | 7.4       | .31     | 215       | .002    | 2        | .34     | .011    | .11    | <.1      | 2.67      | 3.4       | .5        | .69    | 1         | 5.0       |
| RL4 350      | 13.7      | 94.9      | 25.8      | 191       | .6        | 64.8      | 22.9      | 479       | 4.22    | 123.0     | 2.9      | 1.9       | 5.9       | 75        | 1.3       | 20.9      | .4        | 16       | .58     | .159   | 14        | 6.5       | .12     | 412       | .001    | 3        | .23     | .007    | .07    | .1       | 1.24      | 3.1       | .4        | .28    | 1         | 3.8       |
| RL4 400      | 17.3      | 73.9      | 20.9      | 205       | .6        | 61.8      | 20.3      | 615       | 3.51    | 99.8      | 2.1      | .5        | 6.1       | 68        | 1.7       | 19.5      | .3        | 25       | .99     | .194   | 11        | 10.6      | .37     | 415       | .002    | 2        | .35     | .005    | .07    | <.1      | .73       | 2.9       | .5        | .10    | 1         | 4.2       |
| RL4 450      | 13.1      | 56.6      | 20.3      | 166       | .5        | 60.9      | 19.7      | 604       | 3.65    | 27.9      | 1.9      | 1.1       | 6.9       | 69        | 1.2       | 3.0       | .3        | 21       | 1.34    | .220   | 15        | 9.0       | .46     | 415       | .002    | 3        | .33     | .006    | .08    | <.1      | .43       | 3.4       | .3        | <.05   | 1         | 2.9       |
| RL4 500      | 11.3      | 108.3     | 24.1      | 150       | .3        | 59.4      | 17.6      | 678       | 3.77    | 41.0      | 1.9      | 1.7       | 7.3       | 76        | .6        | 6.7       | .4        | 18       | .54     | .150   | 19        | 8.6       | .26     | 657       | .002    | 3        | .31     | .004    | .06    | .1       | .51       | 2.9       | .2        | <.05   | 1         | 1.5       |
| RL4 550      | 2.4       | 271.3     | 27.2      | 131       | .4        | 55.1      | 23.2      | 1465      | 3.89    | 1122.2    | .8       | 10.7      | 3.1       | 41        | .3        | 22.2      | .6        | 13       | .09     | .007   | 10        | 5.4       | .09     | 569       | .001    | 3        | .12     | .004    | .08    | .2       | .30       | 3.5       | .1        | .12    | <1        | 1.6       |
| RL4 600      | 19.0      | 106.3     | 37.4      | 185       | .7        | 69.1      | 22.9      | 1091      | 6.36    | 144.1     | 3.0      | .9        | 6.5       | 179       | .9        | 19.1      | .5        | 15       | .32     | .100   | 10        | 6.3       | .15     | 312       | .001    | 3        | .20     | .046    | .10    | .1       | .49       | 3.5       | .6        | .43    | <1        | 2.9       |
| RL4 650      | 23.3      | 67.8      | 28.7      | 173       | .7        | 60.5      | 19.0      | 537       | 5.19    | 77.3      | 2.6      | 2.0       | 7.1       | 145       | 1.0       | 11.5      | .4        | 19       | .73     | .122   | 12        | 8.7       | .20     | 316       | .001    | 2        | .23     | .028    | .09    | <.1      | .33       | 3.5       | .4        | .50    | <1        | 4.1       |
| RL4 700      | 16.6      | 39.0      | 27.4      | 208       | .6        | 59.0      | 20.3      | 625       | 3.40    | 87.0      | 1.7      | 1.5       | 11.1      | 73        | 1.6       | 21.3      | .4        | 12       | .75     | .198   | 23        | 6.6       | .28     | 265       | .001    | 4        | .27     | .006    | .12    | .1       | .15       | 2.9       | .3        | .42    | 1         | 3.5       |
| RL4 750      | 14.7      | 71.4      | 26.8      | 217       | .2        | 116.6     | 39.1      | 2443      | 6.38    | 35.4      | 4.5      | 1.3       | 8.1       | 175       | 2.3       | 3.1       | .4        | 15       | .52     | .135   | 13        | 7.3       | .20     | 329       | .002    | 1        | .30     | .027    | .10    | <.1      | .05       | 4.7       | .3        | .46    | 1         | 3.4       |
| RL4 800      | 53.8      | 62.5      | 30.9      | 220       | .5        | 73.4      | 24.1      | 344       | 3.45    | 35.7      | 6.5      | .7        | 12.4      | 137       | 1.2       | 7.3       | .6        | 13       | .78     | .168   | 14        | 5.6       | .34     | 126       | .001    | 2        | .24     | .004    | .07    | <.1      | .31       | 1.9       | .1        | 1.38   | <1        | 7.1       |
| RL4 850      | 11.6      | 79.3      | 88.6      | 228       | 3.1       | 73.5      | 25.4      | 504       | 6.09    | 2043.5    | 2.2      | 3.7       | 8.6       | 76        | 2.3       | 8.9       | 38.2      | 16       | .59     | .185   | 18        | 8.2       | .11     | 269       | .001    | 1        | .24     | .005    | .09    | <.1      | .37       | 2.9       | .2        | .19    | 1         | 6.6       |
| RL4 900      | 23.1      | 138.4     | 69.8      | 237       | 2.1       | 54.9      | 16.0      | 254       | 7.42    | 1151.1    | 4.5      | 1.0       | 8.2       | 86        | 1.3       | 7.1       | 38.3      | 14       | 1.69    | .056   | 6         | 8.4       | .07     | 119       | .001    | 2        | .19     | .011    | .15    | .1       | .66       | 2.2       | .2        | 1.77   | 1         | 4.8       |
| RL4 950      | 5.0       | 62.9      | 25.6      | 260       | .3        | 34.5      | 10.6      | 336       | 2.80    | 50.3      | 1.6      | 1.2       | 7.8       | 104       | 3.2       | 3.1       | 3.1       | 21       | 2.75    | .230   | 9         | 18.8      | .80     | 348       | .002    | 2        | .35     | .005    | .12    | <.1      | .32       | 3.2       | .1        | .65    | 1         | 3.9       |
| RE RL4 950   | 5.5       | 64.3      | 27.1      | 258       | .3        | 35.6      | 12.2      | 347       | 2.98    | 50.7      | 1.7      | .7        | 8.2       | 99        | 3.4       | 3.2       | 3.3       | 19       | 2.63    | .236   | 8         | 17.7      | .83     | 273       | .002    | 1        | .32     | .005    | .09    | .1       | .34       | 2.9       | .1        | .69    | 1         | 4.1       |
| RL4 1000     | 21.3      | 168.2     | 147.1     | 569       | 2.0       | 71.8      | 26.4      | 819       | 6.21    | 1166.7    | 2.4      | 9.4       | 9.6       | 103       | 7.1       | 17.8      | 8.3       | 20       | 3.23    | .188   | 10        | 12.7      | 1.03    | 176       | .004    | 3        | .29     | .007    | .12    | .1       | .67       | 4.4       | .2        | .95    | 1         | 3.0       |
| RL4 1050     | 15.1      | 306.9     | 109.2     | 544       | 2.4       | 31.6      | 12.4      | 637       | 2.84    | 552.5     | 2.3      | 6.5       | 10.4      | 104       | 7.5       | 8.9       | 22.5      | 14       | 1.96    | .154   | 11        | 8.7       | .67     | 450       | .002    | 2        | .33     | .004    | .14    | .1       | .50       | 3.2       | .1        | .49    | 1         | 2.0       |
| RL4 1100     | 7.2       | 125.4     | 492.2     | 111       | 6.9       | 24.1      | 6.5       | 125       | 9.93    | >10000    | 1.5      | 82.6      | 4.3       | 39        | 1.5       | 65.9      | 244.1     | 8        | .18     | .033   | 4         | 5.9       | .04     | 126       | .001    | 3        | .15     | .006    | .15    | .1       | 2.30      | 1.6       | .3        | 1.03   | 1         | 31.1      |
| RL4 1150     | 12.2      | 171.4     | 45.0      | 129       | .9        | 78.3      | 25.2      | 397       | 5.70    | 323.0     | 3.3      | 6.4       | 11.1      | 82        | 1.4       | 4.1       | 4.2       | 14       | .63     | .091   | 16        | 8.3       | .31     | 566       | .001    | 3        | .20     | .004    | .08    | <.1      | .85       | 3.0       | .1        | .23    | <1        | 3.4       |
| RL4 1200     | 14.9      | 279.8     | 87.8      | 199       | 2.0       | 97.7      | 35.9      | 1317      | 5.79    | 681.0     | 1.2      | 6.7       | 5.8       | 40        | 1.4       | 5.0       | 5.0       | 12       | .34     | .024   | 12        | 7.8       | .27     | 621       | .001    | 2        | .21     | .003    | .06    | .1       | .41       | 2.7       | .2        | .14    | 1         | 2.2       |
| RL4 1250     | 12.2      | 89.6      | 48.6      | 200       | .9        | 44.5      | 16.3      | 644       | 4.80    | 91.5      | 1.8      | 2.1       | 6.5       | 44        | 1.0       | 5.2       | 1.9       | 16       | .30     | .059   | 21        | 9.0       | .09     | 686       | .002    | 1        | .33     | .004    | .06    | .1       | .24       | 2.1       | .2        | <.05   | 1         | 2.5       |
| RL4 1300     | 14.0      | 201.6     | 69.5      | 224       | 1.0       | 59.6      | 14.9      | 587       | 5.77    | 103.6     | .8       | 6.5       | 5.6       | 52        | .3        | 5.5       | .7        | 15       | .07     | .035   | 15        | 10.4      | .06     | 1423      | .002    | 3        | .29     | .003    | .07    | <.1      | .20       | 3.2       | .1        | .06    | 1         | 1.2       |
| RL4 1350     | 3.9       | 234.7     | 35.4      | 138       | .7        | 60.4      | 21.4      | 1913      | 3.33    | 83.8      | 1.2      | 4.1       | 3.9       | 48        | .5        | 3.3       | .7        | 17       | .30     | .053   | 14        | 11.1      | .25     | 957       | .002    | 3        | .51     | .003    | .06    | <.1      | .34       | 3.0       | .1        | <.05   | 2         | 1.1       |
| RL4 1400     | 8.3       | 229.8     | 91.0      | 198       | .9        | 50.9      | 18.1      | 962       | 4.27    | 132.3     | 1.1      | 5.5       | 4.4       | 63        | .5        | 8.2       | 1.0       | 11       | .16     | .021   | 14        | 7.1       | .11     | 1820      | .001    | 1        | .33     | .004    | .05    | .1       | .09       | 2.9       | .1        | .06    | 1         | 1.1       |
| RL4 1450     | 11.4      | 208.6     | 33.7      | 159       | .5        | 88.0      | 48.1      | 1085      | 5.97    | 292.8     | 1.0      | 8.8       | 7.1       | 87        | .4        | 4.7       | 1.0       | 13       | .08     | .046   | 19        | 9.1       | .12     | 712       | .003    | 2        | .35     | .006    | .13    | <.1      | .10       | 2.5       | .2        | .12    | 1         | 5.2       |
| RL4 1500     | 4.1       | 142.9     | 52.0      | 131       | .4        | 38.3      | 14.6      | 1273      | 2.93    | 87.9      | .8       | 3.9       | 3.2       | 24        | .4        | 4.9       | .7        | 11       | .05     | .013   | 9         | 5.3       | .06     | 771       | .001    | 1        | .19     | .001    | .04    | <.1      | .09       | 2.7       | .1        | <.05   | 1         | .7        |
| RL4 1550     | 2.4       | 155.5     | 26.3      | 133       | .2        | 48.9      | 18.3      | 1061      | 3.00    | 55.5      | .5       | 4.4       | 4.5       | 45        | .2        | 2.6       | .5        | 11       | .07     | .021   | 19        | 7.6       | .09     | 791       | .001    | 1        | .25     | .002    | .05    | .1       | .06       | 2.2       | .1        | <.05   | 1         | .6        |
| STANDARD DS5 | 13.0      | 146.3     | 25.0      | 139       | .3        | 24.5      | 11.8      | 782       | 3.00    | 17.9      | 6.4      | 42.8      | 2.9       | 45        | 5.9       | 3.8       | 6.3       | 61       | .76     | .091   | 11        | 188.6     | .68     | 137       | .099    | 16       | 1.95    | .033    | .14    | 5.2      | .19       | 3.4       | 1.1       | <.05   | 7         | 5.0       |

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



| SAMPLE#      | Mo<br>ppm | Cu<br>ppm | Pb<br>ppm | Zn<br>ppm | Ag<br>ppm | Ni<br>ppm | Co<br>ppm | Mn<br>ppm | Fe<br>% | As<br>ppm | U<br>ppm | Au<br>ppb | Th<br>ppm | Sr<br>ppm | Cd<br>ppm | Sb<br>ppm | Bi<br>ppm | V<br>ppm | Ca<br>% | P<br>% | La<br>ppm | Cr<br>ppm | Mg<br>% | Ba<br>ppm | Ti<br>% | B<br>ppm | Al<br>% | Na<br>% | K<br>% | W<br>ppm | Hg<br>ppm | Sc<br>ppm | Tl<br>ppm | S<br>% | Ga<br>ppm | Se<br>ppm |
|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|-----------|-----------|-----------|--------|-----------|-----------|
| G-1          | 1.6       | 3.0       | 2.1       | 46        | <.1       | 4.7       | 4.2       | 554       | 1.95    | <.5       | 1.6      | <.5       | 3.9       | 84        | <.1       | <.1       | .1        | 40       | .55     | .078   | 7         | 13.0      | .59     | 253       | .125    | 1        | .90     | .078    | .57    | 1.3      | .01       | 2.5       | .3        | <.05   | 4         | <.5       |
| RL4 1600     | 15.0      | 117.7     | 27.1      | 132       | .3        | 34.6      | 11.8      | 736       | 4.12    | 82.3      | .7       | 7.8       | 3.2       | 34        | .3        | 7.1       | .9        | 15       | .04     | .033   | 18        | 7.1       | .03     | 1208      | .001    | 1        | .40     | .005    | .07    | <.1      | .04       | 2.0       | .1        | .15    | 1         | 1.6       |
| RL4 1650     | 9.8       | 51.9      | 17.5      | 217       | .9        | 50.3      | 9.9       | 196       | 2.78    | 42.3      | 1.9      | 1.3       | 3.7       | 75        | 3.3       | 4.4       | .7        | 22       | 1.56    | .217   | 15        | 14.9      | .10     | 483       | .001    | 2        | .36     | .003    | .08    | <.1      | .45       | 5.5       | .4        | .11    | 1         | 6.2       |
| RL4 1750     | 22.4      | 40.6      | 22.2      | 298       | .5        | 59.9      | 14.2      | 328       | 3.54    | 49.1      | 1.3      | 1.1       | 3.8       | 43        | 2.0       | 2.7       | .5        | 19       | .59     | .159   | 14        | 7.0       | .06     | 197       | .001    | 1        | .22     | .002    | .06    | .1       | .91       | 2.8       | .5        | .09    | 1         | 8.3       |
| RL4 1800     | 4.6       | 66.3      | 24.0      | 164       | .5        | 42.8      | 17.2      | 536       | 3.46    | 21.6      | 1.6      | 2.0       | 5.6       | 65        | 1.3       | 1.7       | .4        | 19       | 1.02    | .094   | 15        | 13.9      | .35     | 469       | .001    | 2        | .70     | .006    | .10    | .1       | .27       | 3.2       | .2        | .15    | 2         | 2.7       |
| RL4 1850     | 6.1       | 39.0      | 20.3      | 148       | .4        | 44.3      | 16.5      | 327       | 3.53    | 23.5      | 1.0      | .5        | 6.5       | 45        | .6        | 2.0       | .3        | 12       | .75     | .220   | 22        | 7.9       | .08     | 236       | .001    | 1        | .27     | .003    | .06    | <.1      | .14       | 2.8       | .2        | .20    | 1         | 2.0       |
| RL4 1900     | 15.2      | 74.4      | 22.2      | 287       | 1.6       | 69.7      | 15.1      | 372       | 3.39    | 47.1      | 2.2      | 2.0       | 5.1       | 109       | 3.0       | 7.2       | .3        | 25       | 2.37    | .263   | 13        | 13.9      | .51     | 434       | .001    | 4        | .31     | .005    | .11    | <.1      | .42       | 3.7       | .3        | .33    | 1         | 11.7      |
| RL4 1950     | 16.1      | 35.1      | 35.2      | 245       | .3        | 56.5      | 20.8      | 317       | 3.71    | 52.0      | 1.5      | .5        | 7.4       | 111       | 1.0       | 4.1       | .6        | 18       | 1.87    | .360   | 18        | 8.6       | .21     | 431       | .002    | 4        | .43     | .004    | .09    | <.1      | .08       | 3.6       | .3        | .45    | 1         | 1.8       |
| RL4 2000     | 10.2      | 56.4      | 38.3      | 215       | 1.0       | 53.6      | 13.2      | 415       | 2.72    | 76.6      | 1.7      | 1.7       | 2.6       | 99        | 2.5       | 2.9       | .3        | 22       | 1.74    | .140   | 12        | 11.0      | .21     | 362       | .001    | 3        | .41     | .004    | .08    | <.1      | .27       | 3.3       | .2        | .21    | 1         | 5.6       |
| RL5 0        | 5.1       | 314.9     | 9.2       | 58        | .3        | 62.8      | 26.5      | 335       | 4.65    | 499.2     | 1.5      | 9.0       | 6.6       | 70        | .2        | 1.3       | 8.9       | 75       | 1.55    | .138   | 13        | 56.4      | 1.33    | 160       | .063    | 4        | 2.75    | .147    | .20    | .4       | .04       | 6.9       | .3        | <.05   | 11        | 2.3       |
| RL5 50       | 4.7       | 319.5     | 11.1      | 61        | .3        | 67.8      | 36.8      | 418       | 5.80    | 3811.1    | 1.7      | 52.6      | 6.6       | 108       | .2        | 3.5       | 20.4      | 69       | 1.94    | .171   | 12        | 55.3      | 1.53    | 173       | .035    | 3        | 2.96    | .128    | .27    | .2       | .02       | 7.1       | .4        | .14    | 10        | 3.9       |
| RL5 100      | 5.5       | 136.5     | 10.2      | 47        | .3        | 32.6      | 15.8      | 273       | 2.65    | 650.1     | 1.6      | 5.2       | 5.4       | 92        | .2        | 3.0       | 2.9       | 95       | 2.93    | .142   | 9         | 66.9      | 1.55    | 166       | .071    | 2        | 3.18    | .337    | .21    | .1       | .03       | 7.2       | .3        | .06    | 11        | 3.1       |
| RL5 150      | 5.8       | 88.9      | 9.4       | 107       | .3        | 31.3      | 14.5      | 324       | 3.24    | 740.3     | 2.9      | 5.1       | 5.9       | 67        | .4        | 6.0       | 5.2       | 48       | 2.37    | .110   | 24        | 41.5      | .91     | 232       | .022    | 14       | 1.74    | .118    | .19    | .2       | .04       | 4.6       | .2        | .13    | 6         | 3.0       |
| RL5 250      | 4.6       | 22.6      | 11.7      | 93        | .1        | 16.5      | 6.2       | 164       | 2.44    | 112.1     | .5       | 1.4       | 3.7       | 14        | .2        | 2.0       | 1.3       | 53       | .27     | .035   | 16        | 23.5      | .36     | 306       | .016    | 1        | 1.08    | .005    | .09    | .2       | .04       | 2.1       | .1        | <.05   | 4         | 1.1       |
| RL5 300      | 4.5       | 44.2      | 23.0      | 132       | .2        | 33.9      | 13.0      | 269       | 4.25    | 251.4     | .5       | 2.1       | 2.9       | 11        | .6        | 2.7       | 1.6       | 42       | .05     | .050   | 13        | 25.3      | .33     | 235       | .007    | 1        | 1.21    | .004    | .07    | .4       | .07       | 2.8       | .1        | <.05   | 4         | 1.3       |
| RL5 350      | 1.5       | 70.0      | 5.4       | 59        | .1        | 30.9      | 12.7      | 441       | 3.03    | 77.6      | .8       | 1.5       | 5.6       | 76        | .2        | 1.9       | 1.9       | 62       | 1.55    | .072   | 6         | 54.5      | 2.12    | 138       | .087    | 3        | 2.79    | .116    | .10    | .2       | .03       | 6.8       | .2        | <.05   | 11        | 1.1       |
| RL5 450      | 4.6       | 83.0      | 10.5      | 80        | .3        | 13.7      | 4.0       | 121       | 1.68    | 115.0     | 1.0      | 5.6       | 1.9       | 39        | .2        | 2.3       | 3.0       | 48       | .61     | .099   | 13        | 38.8      | .67     | 128       | .021    | 1        | 1.36    | .033    | .07    | .2       | .08       | 3.0       | .2        | <.05   | 8         | 1.2       |
| RL5 500      | 3.0       | 157.3     | 13.0      | 87        | .4        | 22.7      | 12.4      | 338       | 2.46    | 431.0     | 1.5      | 11.9      | 2.4       | 22        | .2        | 3.0       | 7.7       | 44       | .41     | .077   | 12        | 31.4      | .55     | 194       | .014    | 2        | 1.74    | .010    | .07    | .2       | .07       | 3.0       | .3        | <.05   | 6         | 1.3       |
| RL5 550      | 32.7      | 53.5      | 8.1       | 55        | .3        | 15.0      | 3.7       | 72        | 3.46    | 79.2      | 2.5      | 1.7       | 3.0       | 13        | .3        | 1.4       | 1.3       | 108      | .09     | .045   | 9         | 23.5      | .29     | 69        | .045    | <.1      | 1.18    | .008    | .07    | .3       | .03       | 1.8       | .4        | <.05   | 8         | 2.4       |
| RL5 575      | 1.8       | 29.3      | 22.2      | 177       | .3        | 30.2      | 10.5      | 661       | 2.94    | 37.0      | .6       | .7        | 3.1       | 37        | .8        | 1.4       | .4        | 22       | .53     | .062   | 10        | 13.2      | .24     | 441       | .003    | 1        | .54     | .006    | .06    | .1       | .18       | 2.6       | .1        | <.05   | 2         | 1.6       |
| RL5 600      | 4.1       | 172.6     | 30.6      | 148       | .7        | 41.5      | 12.6      | 541       | 4.97    | 452.7     | .4       | 5.4       | 3.4       | 17        | .1        | 9.7       | 1.7       | 50       | .04     | .057   | 13        | 35.2      | .43     | 746       | .023    | 2        | 1.34    | .006    | .17    | .2       | .04       | 2.2       | .2        | <.05   | 6         | .9        |
| RL5 650      | 15.8      | 125.6     | 10.3      | 112       | .5        | 47.1      | 9.4       | 210       | 4.57    | 391.9     | 1.7      | 17.8      | 2.6       | 14        | .3        | 6.7       | 4.5       | 58       | .17     | .035   | 13        | 25.0      | .28     | 118       | .008    | 1        | 1.04    | .005    | .06    | 12.7     | .05       | 2.0       | .1        | <.05   | 5         | 2.8       |
| RL5 700      | 5.0       | 200.5     | 112.7     | 217       | 3.1       | 54.1      | 10.5      | 232       | 4.61    | 1417.2    | 1.1      | 38.0      | 3.6       | 30        | .6        | 71.9      | 20.1      | 42       | .04     | .051   | 21        | 19.4      | .06     | 185       | .002    | 1        | .51     | .004    | .05    | 2.1      | .87       | 2.4       | .3        | <.05   | 3         | 1.8       |
| RE RL5 950   | 2.1       | 102.6     | 22.3      | 80        | .4        | 61.9      | 29.6      | 1514      | 2.82    | 223.3     | 4.2      | 9.5       | 3.2       | 51        | .6        | 1.1       | 2.2       | 41       | .88     | .050   | 22        | 22.6      | .44     | 290       | .006    | 1        | 1.30    | .006    | .07    | .3       | .36       | 3.5       | .4        | <.05   | 4         | 2.4       |
| RL5 750      | 9.1       | 204.4     | 9.6       | 73        | .5        | 61.2      | 17.6      | 205       | 5.12    | 1042.7    | 1.3      | 14.9      | 3.7       | 28        | .3        | 8.9       | 8.9       | 43       | .08     | .056   | 22        | 23.0      | .19     | 426       | .004    | 2        | .70     | .004    | .10    | 5.6      | .58       | 3.1       | .5        | .14    | 2         | 3.1       |
| RL5 800      | 7.7       | 136.6     | 16.3      | 104       | 2.9       | 26.6      | 4.6       | 123       | 6.82    | 139.2     | .8       | 17.2      | 1.2       | 9         | .1        | 3.1       | 3.1       | 77       | .04     | .123   | 18        | 29.8      | .22     | 527       | .011    | 1        | .91     | .004    | .08    | .2       | .18       | 1.4       | .2        | .08    | 6         | 5.1       |
| RL5 850      | .9        | 101.8     | 14.3      | 160       | .4        | 28.7      | 7.0       | 205       | 2.18    | 32.1      | 1.3      | 5.8       | 2.7       | 58        | .4        | .8        | .9        | 27       | .40     | .056   | 9         | 18.6      | .29     | 1367      | .005    | <.1      | .73     | .006    | .07    | .2       | .44       | 3.2       | .2        | .06    | 2         | 2.1       |
| RL5 900      | 2.7       | 232.3     | 17.3      | 144       | .5        | 73.1      | 42.2      | 262       | 3.68    | 65.5      | 3.3      | 2.4       | 3.9       | 31        | .3        | 1.4       | .7        | 29       | .31     | .080   | 47        | 22.3      | .39     | 366       | .004    | 1        | 1.52    | .006    | .08    | .1       | .30       | 3.6       | .2        | .07    | 3         | 5.7       |
| RL5 950      | 2.3       | 104.6     | 24.2      | 84        | .4        | 63.4      | 31.4      | 1582      | 2.96    | 233.3     | 4.3      | 7.7       | 3.3       | 53        | .6        | 1.2       | 2.3       | 41       | .90     | .051   | 22        | 23.9      | .45     | 295       | .006    | 1        | 1.23    | .006    | .07    | .3       | .39       | 3.7       | .5        | .06    | 4         | 2.6       |
| RL5 1000     | 3.5       | 40.3      | 15.1      | 87        | 1.3       | 13.7      | 5.3       | 293       | 3.36    | 42.9      | .5       | 4.5       | 1.0       | 5         | .2        | 1.7       | 1.1       | 56       | .02     | .055   | 9         | 13.6      | .06     | 66        | .011    | <.1      | .72     | .004    | .03    | .3       | .30       | .9        | .2        | <.05   | 5         | .7        |
| RL5 1200     | 1.8       | 40.3      | 17.6      | 129       | .3        | 35.5      | 9.2       | 298       | 3.01    | 102.9     | 1.2      | 1.6       | 3.3       | 39        | .4        | 1.0       | .5        | 20       | .58     | .069   | 9         | 15.9      | .29     | 417       | .001    | 1        | .82     | .005    | .06    | .1       | .21       | 3.0       | .1        | .06    | 2         | 1.5       |
| RL5 1400     | 1.8       | 32.8      | 21.7      | 111       | .2        | 40.5      | 14.4      | 308       | 3.28    | 13.8      | .7       | 1.0       | 4.0       | 28        | .3        | .8        | .3        | 22       | .21     | .034   | 9         | 18.1      | .31     | 517       | .001    | <.1      | .94     | .004    | .05    | <.1      | .20       | 3.4       | .1        | <.05   | 3         | 1.2       |
| RL5 1450     | 1.8       | 29.6      | 16.3      | 106       | .2        | 28.1      | 10.1      | 417       | 2.79    | 19.9      | .7       | 1.1       | 2.9       | 39        | .6        | 1.1       | .3        | 19       | .51     | .060   | 7         | 11.8      | .28     | 392       | .002    | 1        | .55     | .005    | .05    | .1       | .21       | 2.2       | .1        | .07    | 2         | 1.5       |
| RL5 1500     | 2.2       | 43.7      | 27.1      | 146       | .4        | 42.2      | 12.9      | 544       | 3.20    | 22.0      | .9       | .7        | 5.1       | 42        | .8        | 1.8       | .3        | 30       | .38     | .084   | 13        | 20.0      | .31     | 696       | .003    | 2        | .86     | .008    | .11    | <.1      | .26       | 3.7       | .1        | <.05   | 3         | 2.4       |
| STANDARD DS5 | 12.5      | 138.6     | 25.1      | 138       | .2        | 23.2      | 11.7      | 749       | 2.95    | 17.8      | 6.3      | 44.0      | 3.0       | 47        | 5.6       | 3.9       | 6.2       | 59       | .72     | .093   | 12        | 185.4     | .69     | 135       | .091    | 17       | 1.98    | .033    | .13    | 5.1      | .18       | 3.4       | 1.1       | <.05   | 6         | 4.9       |

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



| SAMPLE#      | Mo<br>ppm | Cu<br>ppm | Pb<br>ppm | Zn<br>ppm | Ag<br>ppm | Ni<br>ppm | Co<br>ppm | Mn<br>ppm | Fe<br>% | As<br>ppm | U<br>ppm | Au<br>ppb | Th<br>ppm | Sr<br>ppm | Cd<br>ppm | Sb<br>ppm | Bi<br>ppm | V<br>ppm | Ca<br>% | P<br>% | La<br>ppm | Cr<br>ppm | Mg<br>% | Ba<br>ppm | Ti<br>% | B<br>ppm | Al<br>% | Na<br>% | K<br>% | W<br>ppm | Hg<br>ppm | Sc<br>ppm | Tl<br>ppm | S<br>% | Ga<br>ppm | Se<br>ppm |
|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|-----------|-----------|-----------|--------|-----------|-----------|
| G-1          | 1.4       | 3.0       | 2.3       | 47        | <.1       | 4.4       | 4.2       | 610       | 2.05    | <.5       | 1.9      | <.5       | 4.4       | 84        | <.1       | <.1       | .1        | 45       | .56     | .083   | 9         | 13.3      | .59     | 263       | .132    | 1        | .95     | .081    | .53    | 1.3      | <.01      | 2.6       | .3        | <.05   | 5         | <.5       |
| RL5 1550     | 1.7       | 41.6      | 24.5      | 121       | .4        | 33.8      | 11.3      | 402       | 3.01    | 16.2      | 1.3      | 2.0       | 4.1       | 38        | .4        | 1.2       | .3        | 26       | .39     | .077   | 14        | 17.9      | .26     | 611       | .003    | 1        | .80     | .006    | .08    | <.1      | .20       | 3.2       | .1        | <.05   | 2         | 1.5       |
| RL5 1600     | 1.5       | 29.1      | 29.6      | 112       | .5        | 23.3      | 7.7       | 362       | 2.41    | 30.4      | 1.2      | 3.0       | 2.9       | 51        | .6        | 1.5       | .4        | 24       | .98     | .068   | 12        | 15.0      | .27     | 600       | .003    | <.1      | .64     | .007    | .07    | .1       | .19       | 2.5       | .1        | .09    | 2         | 1.6       |
| RL5 1650     | 2.1       | 30.9      | 23.8      | 183       | .5        | 30.8      | 12.8      | 903       | 3.14    | 35.2      | 1.3      | 13.7      | 3.7       | 44        | 1.2       | 1.2       | .3        | 28       | .59     | .060   | 11        | 17.2      | .26     | 591       | .002    | 1        | .89     | .007    | .08    | .1       | .24       | 3.2       | .1        | <.05   | 3         | 1.1       |
| RL5 1750     | 1.8       | 26.3      | 17.2      | 127       | .4        | 30.7      | 11.5      | 1950      | 2.68    | 17.9      | 1.7      | 2.1       | 2.9       | 55        | .5        | .8        | .3        | 31       | .58     | .064   | 11        | 18.9      | .25     | 686       | .003    | 1        | 1.00    | .010    | .12    | <.1      | .22       | 3.0       | .1        | .06    | 3         | 1.5       |
| RL5 1800     | .9        | 24.1      | 14.1      | 76        | .2        | 15.0      | 3.0       | 105       | 1.12    | 5.4       | .8       | 1.0       | .2        | 30        | .7        | .7        | .3        | 29       | .63     | .060   | 10        | 13.2      | .06     | 462       | .003    | 2        | .69     | .009    | .06    | .1       | .06       | .6        | .1        | <.05   | 3         | <.5       |
| RL5 1850     | 1.7       | 34.2      | 17.1      | 94        | .3        | 30.0      | 7.4       | 327       | 2.24    | 10.2      | .9       | 2.3       | 2.8       | 53        | .5        | 1.1       | .3        | 30       | .58     | .063   | 12        | 17.7      | .23     | 963       | .003    | 2        | .86     | .007    | .10    | .1       | .25       | 2.5       | .1        | <.05   | 3         | 1.8       |
| RL5 1900     | 2.6       | 40.9      | 19.4      | 130       | .7        | 33.4      | 11.7      | 672       | 2.69    | 12.0      | 1.5      | 2.7       | 3.1       | 47        | .7        | 1.1       | .3        | 34       | .39     | .065   | 12        | 19.1      | .26     | 982       | .003    | 2        | .99     | .008    | .11    | <.1      | .28       | 3.5       | .1        | <.05   | 3         | 1.9       |
| RL5 1950     | 1.8       | 37.2      | 19.4      | 148       | .2        | 43.2      | 15.7      | 513       | 2.85    | 9.4       | 1.3      | 1.5       | 5.5       | 38        | .7        | 1.3       | .3        | 30       | .21     | .070   | 17        | 20.5      | .29     | 889       | .008    | 3        | .89     | .006    | .09    | <.1      | .20       | 3.1       | .1        | <.05   | 3         | 1.3       |
| RL5 2000     | 2.1       | 48.4      | 18.9      | 155       | .4        | 51.4      | 12.9      | 471       | 3.25    | 12.6      | 1.1      | 1.6       | 7.2       | 49        | .8        | 1.5       | .4        | 37       | .27     | .075   | 20        | 24.0      | .36     | 776       | .007    | 4        | 1.15    | .013    | .18    | <.1      | .25       | 3.7       | .2        | <.05   | 3         | 1.1       |
| RL6 50       | 8.7       | 72.3      | 10.8      | 65        | .3        | 36.4      | 17.5      | 550       | 3.31    | 247.7     | .7       | 19.3      | 2.6       | 20        | .2        | 1.8       | 1.8       | 52       | .14     | .053   | 14        | 27.5      | .23     | 478       | .007    | 2        | 1.21    | .007    | .12    | .3       | .21       | 2.9       | .3        | <.05   | 4         | .9        |
| RL6 100      | 2.4       | 32.8      | 8.9       | 42        | .1        | 10.0      | 3.1       | 112       | 2.44    | 119.8     | .5       | 3.2       | 2.9       | 8         | .1        | 1.1       | 1.8       | 62       | .05     | .020   | 16        | 19.5      | .16     | 198       | .019    | <.1      | .96     | .005    | .05    | .4       | .03       | 1.6       | .3        | <.05   | 5         | .5        |
| RL6 150      | 2.1       | 30.1      | 8.8       | 55        | .1        | 14.9      | 5.2       | 152       | 2.53    | 94.5      | .5       | 4.7       | 2.8       | 8         | .1        | 1.1       | 1.0       | 57       | .04     | .041   | 17        | 20.1      | .19     | 192       | .026    | <.1      | .81     | .004    | .06    | .2       | .07       | 1.6       | .3        | <.05   | 6         | .5        |
| RE RL6 150   | 2.2       | 30.2      | 9.0       | 56        | .2        | 14.8      | 5.1       | 148       | 2.55    | 97.1      | .5       | 2.8       | 2.8       | 8         | .1        | 1.0       | 1.1       | 61       | .05     | .040   | 19        | 20.3      | .19     | 204       | .028    | 1        | .87     | .004    | .07    | .3       | .07       | 1.6       | .3        | <.05   | 6         | .5        |
| RL6 200      | 3.5       | 133.0     | 12.7      | 82        | .4        | 21.2      | 6.6       | 181       | 4.00    | 98.7      | .5       | 14.1      | 2.0       | 12        | .2        | 1.6       | 3.2       | 54       | .06     | .054   | 13        | 20.5      | .17     | 212       | .010    | 1        | .93     | .005    | .07    | .6       | .12       | 1.8       | .2        | <.05   | 5         | 2.4       |
| RL6 650      | 1.8       | 21.5      | 8.0       | 55        | .1        | 9.7       | 2.8       | 84        | 1.77    | 18.6      | .5       | 5.3       | .4        | 28        | .2        | .8        | .9        | 35       | .05     | .036   | 10        | 8.3       | .10     | 131       | .011    | 1        | .75     | .005    | .05    | .1       | .05       | .8        | .1        | <.05   | 5         | .6        |
| RL6 700      | 4.6       | 122.9     | 13.7      | 66        | .3        | 20.9      | 8.6       | 176       | 3.07    | 59.3      | 3.4      | 21.1      | 6.1       | 111       | .1        | .8        | 5.7       | 43       | .16     | .040   | 31        | 21.9      | .33     | 385       | .007    | 2        | 1.59    | .007    | .09    | .2       | .06       | 2.3       | .2        | <.05   | 5         | 1.1       |
| RL6 800      | 2.0       | 6.7       | 3.5       | 24        | .1        | 2.8       | .8        | 27        | .63     | 13.8      | .3       | 1.9       | 1.1       | 6         | <.1       | .5        | .3        | 31       | .02     | .014   | 15        | 5.6       | .03     | 61        | .007    | 1        | .38     | .003    | .02    | .1       | .02       | .5        | .1        | <.05   | 3         | <.5       |
| RL6 850      | 2.4       | 30.8      | 8.3       | 63        | .1        | 12.2      | 3.7       | 97        | 1.87    | 62.6      | .6       | 6.2       | 1.5       | 21        | .2        | .9        | 1.7       | 39       | .19     | .028   | 12        | 8.8       | .10     | 112       | .012    | 2        | .33     | .007    | .04    | .2       | .22       | 1.1       | .2        | <.05   | 4         | .6        |
| RL6 900      | 2.4       | 139.7     | 11.9      | 95        | .6        | 41.2      | 9.3       | 754       | 2.96    | 23.2      | 1.8      | 10.7      | 5.0       | 74        | .6        | .7        | 4.4       | 31       | 1.26    | .073   | 30        | 18.3      | .85     | 350       | .004    | 3        | 1.61    | .010    | .09    | .4       | .30       | 3.0       | .3        | .10    | 5         | 3.1       |
| RL6 1000     | 1.6       | 12.6      | 18.6      | 57        | .2        | 9.0       | 2.7       | 123       | 1.45    | 21.7      | .4       | 2.3       | .3        | 9         | .1        | .8        | .4        | 42       | .03     | .036   | 14        | 13.0      | .08     | 176       | .008    | 2        | .56     | .005    | .05    | .1       | .05       | .6        | .1        | <.05   | 4         | <.5       |
| RL6 1050     | 2.1       | 27.3      | 45.1      | 105       | .3        | 21.1      | 6.5       | 276       | 2.23    | 33.3      | .7       | 2.8       | 2.9       | 27        | .5        | 1.7       | .8        | 30       | .12     | .074   | 15        | 14.6      | .20     | 394       | .008    | 2        | .64     | .005    | .07    | .1       | .12       | 1.8       | .1        | <.05   | 2         | 1.1       |
| RL6 1100     | 2.4       | 29.5      | 19.5      | 89        | .2        | 17.9      | 6.8       | 238       | 2.15    | 26.9      | .8       | 5.0       | 1.7       | 16        | .3        | 1.7       | .5        | 32       | .07     | .064   | 20        | 14.9      | .19     | 243       | .006    | 2        | .76     | .004    | .06    | <.1      | .10       | 1.3       | .1        | <.05   | 2         | .8        |
| RL6 1150     | 1.1       | 63.5      | 22.3      | 100       | 2.2       | 17.6      | 3.7       | 94        | 1.17    | 16.1      | 1.6      | 6.4       | 1.4       | 24        | 1.7       | .6        | 1.0       | 24       | .22     | .063   | 19        | 16.8      | .22     | 409       | .005    | 3        | .83     | .008    | .08    | .1       | .59       | 1.7       | .2        | <.05   | 3         | 1.5       |
| RL6 1200     | 2.1       | 277.2     | 27.0      | 194       | 1.3       | 50.0      | 11.8      | 296       | 2.33    | 86.0      | 3.1      | 7.2       | 3.5       | 24        | 1.8       | 2.5       | 2.0       | 29       | .28     | .075   | 50        | 18.8      | .29     | 588       | .006    | 2        | 1.00    | .005    | .07    | .1       | .45       | 3.7       | .2        | <.05   | 3         | 1.9       |
| RL6 1300     | .2        | 21.8      | 15.6      | 33        | .9        | 6.9       | 1.3       | 31        | .74     | 21.6      | .9       | 1.4       | 1.4       | 16        | 1.0       | .4        | .6        | 16       | .19     | .049   | 13        | 11.8      | .10     | 239       | .006    | 2        | .55     | .005    | .05    | .1       | .33       | 1.3       | .1        | <.05   | 3         | 1.7       |
| RL6 1400     | .3        | 27.5      | 62.8      | 62        | 1.5       | 13.2      | 1.8       | 47        | 1.30    | 54.9      | 1.0      | 4.6       | .7        | 15        | 2.4       | 1.1       | 2.4       | 15       | .16     | .071   | 16        | 14.0      | .09     | 241       | .005    | 2        | .62     | .005    | .05    | .1       | 1.07      | 1.3       | .2        | <.05   | 3         | 2.2       |
| RL6 1450     | .9        | 33.4      | 74.9      | 46        | 2.1       | 8.3       | 1.7       | 42        | 2.10    | 104.3     | 1.3      | 6.7       | .4        | 15        | .8        | .9        | 1.6       | 25       | .17     | .090   | 11        | 15.6      | .11     | 218       | .004    | 2        | .72     | .005    | .05    | .2       | .78       | .7        | .1        | .07    | 3         | 5.1       |
| RL6 1600     | 1.9       | 63.0      | 121.5     | 91        | 2.4       | 10.2      | 2.7       | 86        | 2.34    | 224.9     | 1.3      | 10.7      | 1.1       | 14        | 1.6       | 2.7       | 5.7       | 32       | .09     | .066   | 18        | 16.9      | .15     | 215       | .006    | 1        | .81     | .005    | .06    | .2       | .88       | 1.5       | .1        | <.05   | 4         | 1.1       |
| RL6 1700     | 2.5       | 32.8      | 56.5      | 87        | 1.0       | 14.5      | 2.9       | 70        | 2.46    | 33.3      | 1.0      | 5.7       | 2.0       | 25        | .7        | 1.7       | 1.0       | 34       | .25     | .085   | 17        | 19.6      | .25     | 264       | .008    | 2        | .85     | .006    | .10    | .1       | .31       | 1.9       | .2        | <.05   | 3         | 2.6       |
| RL6 1750     | 2.3       | 117.0     | 20.4      | 81        | .4        | 21.6      | 4.9       | 124       | 2.71    | 34.1      | 1.9      | 2.2       | 1.8       | 23        | .5        | 1.5       | .6        | 39       | .24     | .087   | 20        | 22.3      | .26     | 342       | .007    | 3        | 1.06    | .007    | .10    | .1       | .30       | 2.5       | .2        | <.05   | 3         | 1.8       |
| RL6 1850     | 1.3       | 58.8      | 33.6      | 31        | .8        | 14.1      | 1.7       | 34        | 2.21    | 48.2      | 1.1      | 2.0       | 1.2       | 18        | .2        | .9        | .5        | 27       | .08     | .076   | 13        | 18.0      | .15     | 294       | .004    | 2        | .75     | .004    | .08    | .1       | .39       | 1.4       | .2        | .06    | 3         | 2.7       |
| RL6 1900     | 2.4       | 20.7      | 17.0      | 61        | .4        | 17.9      | 3.1       | 74        | 1.85    | 16.7      | .9       | 2.0       | 3.2       | 26        | .3        | 1.2       | .4        | 39       | .18     | .074   | 14        | 21.2      | .31     | 384       | .006    | 3        | .98     | .007    | .11    | .1       | .41       | 1.9       | .2        | <.05   | 3         | 1.9       |
| RL6 1950     | 2.2       | 15.1      | 17.1      | 52        | .5        | 12.2      | 3.0       | 99        | 2.02    | 14.3      | 1.1      | 1.8       | 2.2       | 21        | .2        | 1.0       | .3        | 39       | .18     | .074   | 13        | 18.1      | .23     | 305       | .004    | 1        | .90     | .005    | .08    | .1       | .34       | 1.6       | .2        | <.05   | 3         | 1.5       |
| STANDARD DS5 | 12.3      | 143.0     | 25.0      | 131       | .3        | 25.0      | 11.8      | 786       | 3.00    | 18.0      | 6.9      | 44.4      | 3.0       | 51        | 5.5       | 4.1       | 6.5       | 62       | .72     | .095   | 13        | 188.0     | .69     | 144       | .101    | 19       | 1.99    | .036    | .14    | 5.0      | .19       | 3.4       | 1.1       | <.05   | 7         | 4.9       |

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



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Berdahl, Ron FILE # A406681

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| SAMPLE#  | Mo<br>ppm | Cu<br>ppm | Pb<br>ppm | Zn<br>ppm | Ag<br>ppm | Ni<br>ppm | Co<br>ppm | Mn<br>ppm | Fe<br>% | As<br>ppm | U<br>ppm | Au<br>ppb | Th<br>ppm | Sr<br>ppm | Cd<br>ppm | Sb<br>ppm | Bi<br>ppm | V<br>ppm | Ca<br>% | P<br>% | La<br>ppm | Cr<br>ppm | Mg<br>% | Ba<br>ppm | Ti<br>% | B<br>ppm | Al<br>% | Na<br>% | K<br>% | W<br>ppm | Hg<br>ppm | Sc<br>ppm | Tl<br>ppm | S<br>% | Ga<br>ppm | Se<br>ppm |
|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|-----------|-----------|-----------|--------|-----------|-----------|
| G-1      | 1.6       | 3.0       | 2.2       | 45        | <.1       | 4.9       | 4.1       | 541       | 1.94    | <.5       | 1.8      | <.5       | 4.0       | 78        | <.1       | <.1       | .1        | 42       | .49     | .080   | 8         | 13.0      | .57     | 256       | .141    | 1        | .94     | .079    | .54    | 1.4      | <.01      | 2.3       | .3        | <.05   | 5         | <.5       |
| RL6 2000 | 2.8       | 12.1      | 35.6      | 64        | .4        | 12.8      | 5.4       | 296       | 1.98    | 39.9      | .9       | 2.0       | 2.6       | 31        | .3        | 1.2       | .7        | 40       | .48     | .079   | 12        | 17.0      | .27     | 302       | .003    | 2        | .80     | .005    | .06    | .2       | .24       | 1.6       | .1        | <.05   | 3         | 1.0       |
| RL7 50   | 1.1       | 28.0      | 15.4      | 107       | .2        | 28.1      | 9.9       | 405       | 2.25    | 16.6      | 1.3      | 1.5       | 3.5       | 113       | .5        | .6        | .5        | 17       | 2.04    | .073   | 14        | 12.7      | .22     | 289       | .004    | 3        | .59     | .008    | .05    | .1       | .17       | 2.5       | .1        | .14    | 2         | .9        |
| RL7 150  | .8        | 23.7      | 17.8      | 100       | .2        | 21.2      | 9.1       | 589       | 2.74    | 16.6      | 1.6      | 1.7       | 1.5       | 103       | .4        | .6        | .4        | 16       | 2.41    | .084   | 15        | 11.8      | .16     | 192       | .002    | 2        | .59     | .005    | .04    | .1       | .16       | 2.2       | .1        | .14    | 2         | 1.0       |
| RL7 200  | .4        | 19.3      | 14.0      | 80        | .2        | 16.3      | 7.9       | 497       | 1.83    | 14.5      | 1.3      | 2.0       | .9        | 113       | .2        | .5        | .3        | 16       | 2.72    | .082   | 13        | 11.2      | .17     | 171       | .004    | 2        | .53     | .005    | .03    | .1       | .12       | 1.7       | <.1       | .12    | 1         | 1.1       |
| RL7 350  | 2.3       | 48.8      | 18.7      | 125       | .4        | 34.6      | 10.8      | 334       | 2.82    | 54.0      | 1.6      | 2.5       | 3.5       | 68        | .9        | 1.6       | 1.1       | 28       | 1.31    | .115   | 16        | 17.1      | .31     | 321       | .010    | 3        | .83     | .016    | .09    | .1       | .30       | 3.3       | .1        | <.05   | 2         | 1.6       |
| RL7 400  | .5        | 16.0      | 11.3      | 81        | .2        | 13.0      | 6.2       | 469       | 1.69    | 15.6      | 1.6      | 2.1       | .6        | 103       | .4        | .4        | .3        | 16       | 3.48    | .086   | 12        | 10.0      | .14     | 202       | .005    | 5        | .48     | .007    | .03    | .1       | .12       | 1.3       | .1        | .14    | 1         | 1.3       |
| RL7 450  | .4        | 17.1      | 10.0      | 54        | .3        | 12.1      | 3.1       | 86        | .97     | 10.1      | 1.1      | 2.1       | 2.3       | 45        | .6        | .4        | .4        | 15       | .47     | .070   | 12        | 14.6      | .17     | 362       | .003    | 1        | .67     | .005    | .07    | .1       | .24       | 1.5       | .1        | .08    | 2         | 1.1       |
| RL7 550  | 1.1       | 26.2      | 15.3      | 78        | .3        | 23.8      | 9.4       | 482       | 2.05    | 26.9      | 1.6      | 2.0       | 2.3       | 87        | .3        | .8        | .5        | 27       | 1.44    | .067   | 14        | 16.8      | .26     | 361       | .008    | 3        | .96     | .007    | .06    | .2       | .17       | 2.6       | .1        | <.05   | 3         | .8        |
| RL7 750  | 6.1       | 60.7      | 24.5      | 250       | 2.1       | 72.3      | 15.2      | 214       | 3.41    | 28.8      | 1.6      | 3.0       | 6.6       | 79        | 2.7       | 10.4      | .3        | 21       | 2.49    | .403   | 21        | 22.1      | .55     | 228       | .003    | 3        | .40     | .004    | .12    | <.1      | .19       | 2.4       | .3        | <.05   | 1         | 9.0       |
| RL7 1100 | 1.0       | 39.6      | 20.5      | 83        | .2        | 33.9      | 13.4      | 229       | 2.68    | 12.2      | 1.3      | 2.0       | 4.8       | 80        | .3        | .5        | .4        | 16       | 1.80    | .065   | 19        | 16.2      | .41     | 166       | .003    | 2        | .87     | .005    | .04    | .1       | .13       | 2.7       | .1        | <.05   | 2         | 1.0       |
| RL7 1500 | .7        | 33.8      | 30.3      | 94        | .2        | 32.2      | 13.9      | 441       | 3.20    | 15.9      | 3.0      | 1.3       | 4.8       | 85        | .2        | .3        | .3        | 14       | 1.44    | .039   | 24        | 14.5      | .34     | 139       | .002    | 3        | .88     | .004    | .03    | <.1      | .10       | 4.4       | .1        | <.05   | 2         | .7        |
| RL7 1650 | .5        | 34.4      | 22.4      | 157       | .1        | 37.2      | 14.3      | 203       | 3.16    | 12.0      | 1.6      | <.5       | 10.3      | 91        | .2        | .2        | .4        | 12       | 2.78    | .056   | 31        | 16.8      | .52     | 58        | .001    | 3        | 1.13    | .004    | .08    | <.1      | .04       | 2.2       | .1        | <.05   | 3         | <.5       |
| RL7 1750 | 1.1       | 18.2      | 27.4      | 102       | <.1       | 21.1      | 12.4      | 614       | 2.99    | 10.9      | .9       | 1.0       | 5.8       | 19        | .1        | .5        | .2        | 35       | .16     | .033   | 18        | 19.8      | .25     | 271       | .004    | 1        | 1.19    | .004    | .09    | .1       | .03       | 1.6       | .1        | <.05   | 5         | <.5       |
| RL8 0    | 1.7       | 9.4       | 11.2      | 95        | .1        | 10.9      | 3.9       | 171       | 2.15    | 8.1       | .4       | 1.5       | .7        | 11        | .7        | .8        | .3        | 72       | .10     | .054   | 14        | 16.6      | .09     | 339       | .012    | <.1      | 1.03    | .002    | .05    | .1       | .02       | 1.2       | .1        | <.05   | 6         | <.5       |
| RE RL8 0 | 1.7       | 9.5       | 11.2      | 98        | .1        | 11.2      | 3.9       | 170       | 2.08    | 7.9       | .4       | .7        | .8        | 11        | .7        | .9        | .3        | 69       | .10     | .050   | 14        | 16.6      | .08     | 326       | .010    | <.1      | 1.00    | .002    | .04    | .1       | .03       | 1.3       | .1        | <.05   | 6         | <.5       |
| RL8 50   | 2.2       | 9.3       | 9.7       | 94        | .2        | 15.4      | 5.7       | 177       | 2.42    | 13.1      | .4       | .6        | 2.9       | 11        | .4        | .9        | .2        | 59       | .08     | .037   | 14        | 23.2      | .30     | 341       | .017    | <.1      | 1.24    | .004    | .07    | .1       | .03       | 1.9       | .1        | <.05   | 5         | <.5       |
| RL8 100  | 2.6       | 20.0      | 10.5      | 93        | .2        | 23.6      | 7.2       | 205       | 2.81    | 16.3      | .8       | 1.9       | 3.4       | 10        | .3        | 1.5       | .2        | 65       | .05     | .033   | 13        | 27.8      | .32     | 385       | .012    | 1        | 1.51    | .003    | .06    | .1       | .07       | 2.4       | .2        | <.05   | 5         | 1.0       |
| RL8 150  | 2.5       | 17.8      | 11.5      | 69        | .3        | 18.5      | 6.1       | 165       | 2.75    | 14.7      | .6       | 1.6       | 3.3       | 9         | .2        | 1.1       | .2        | 60       | .05     | .030   | 13        | 24.7      | .31     | 392       | .008    | <.1      | 1.60    | .004    | .06    | .1       | .09       | 2.4       | .1        | <.05   | 5         | .7        |
| RL8 200  | 2.2       | 23.3      | 8.8       | 78        | .3        | 19.2      | 5.3       | 162       | 2.11    | 13.7      | 1.0      | 1.8       | 3.1       | 14        | .2        | 1.2       | .2        | 38       | .11     | .069   | 13        | 18.6      | .27     | 409       | .009    | 1        | 1.16    | .004    | .06    | .1       | .13       | 2.1       | .1        | <.05   | 3         | .9        |
| RL8 250  | 2.0       | 12.1      | 18.0      | 63        | .3        | 16.2      | 4.3       | 144       | 2.61    | 13.5      | .5       | .8        | 3.4       | 12        | .3        | .8        | .3        | 53       | .04     | .061   | 12        | 22.2      | .22     | 221       | .006    | <.1      | 1.34    | .003    | .05    | .1       | .03       | 1.9       | .1        | <.05   | 5         | .6        |
| RL8 300  | 2.2       | 17.8      | 11.2      | 80        | .3        | 21.7      | 6.5       | 172       | 2.72    | 16.8      | .5       | 2.4       | 2.7       | 9         | .2        | 1.1       | .2        | 46       | .05     | .036   | 11        | 21.8      | .32     | 390       | .006    | 1        | 1.38    | .003    | .05    | .2       | .09       | 2.0       | .1        | <.05   | 4         | .9        |
| RL8 350  | 2.2       | 16.3      | 14.1      | 72        | .2        | 17.9      | 5.5       | 147       | 2.72    | 18.1      | .5       | 2.5       | 2.6       | 12        | .2        | 1.2       | .2        | 46       | .03     | .069   | 11        | 20.9      | .26     | 234       | .007    | <.1      | 1.18    | .003    | .06    | .1       | .04       | 1.7       | .1        | <.05   | 4         | .7        |
| RL8 400  | 2.0       | 16.5      | 8.6       | 62        | .1        | 18.4      | 5.3       | 145       | 1.96    | 11.2      | .5       | 1.5       | 2.6       | 15        | .1        | 1.0       | .2        | 37       | .09     | .030   | 12        | 17.8      | .33     | 354       | .012    | <.1      | 1.12    | .003    | .07    | .1       | .05       | 1.9       | .1        | <.05   | 3         | .6        |
| RL8 450  | 1.6       | 14.3      | 9.5       | 81        | .2        | 18.2      | 6.6       | 202       | 2.09    | 11.9      | .5       | 4.9       | 3.0       | 10        | .1        | .8        | .2        | 47       | .06     | .037   | 14        | 23.6      | .34     | 347       | .016    | 1        | 1.48    | .004    | .06    | .2       | .03       | 2.0       | .1        | <.05   | 5         | .5        |
| RL8 500  | 2.5       | 30.0      | 13.3      | 97        | .1        | 25.4      | 9.3       | 259       | 2.61    | 15.8      | .7       | 4.5       | 3.0       | 14        | .3        | 1.7       | .2        | 36       | .09     | .057   | 12        | 21.1      | .33     | 331       | .008    | <.1      | 1.22    | .004    | .07    | .1       | .13       | 2.0       | .1        | <.05   | 3         | .6        |
| RL8 550  | 2.4       | 17.8      | 9.2       | 73        | .2        | 19.0      | 6.0       | 250       | 2.11    | 11.8      | .6       | 2.1       | 2.9       | 11        | .3        | 1.1       | .2        | 49       | .09     | .044   | 13        | 22.6      | .34     | 539       | .009    | <.1      | 1.44    | .004    | .06    | .1       | .06       | 1.9       | .1        | <.05   | 4         | <.5       |
| RL8 600  | 2.8       | 33.1      | 14.6      | 102       | .3        | 22.6      | 6.6       | 218       | 2.46    | 20.1      | .7       | 3.8       | 2.3       | 18        | .4        | 1.8       | .2        | 39       | .09     | .078   | 13        | 21.2      | .27     | 398       | .011    | 1        | 1.07    | .005    | .09    | .1       | .10       | 2.0       | .2        | <.05   | 4         | 1.2       |
| RL8 650  | 2.7       | 32.1      | 11.2      | 104       | .2        | 24.8      | 7.3       | 228       | 2.49    | 16.1      | .9       | 2.8       | 2.9       | 16        | .5        | 1.6       | .2        | 40       | .12     | .061   | 15        | 21.2      | .31     | 444       | .009    | 1        | 1.18    | .005    | .08    | .1       | .14       | 2.4       | .2        | <.05   | 4         | .8        |
| RL8 700  | 2.5       | 30.3      | 11.3      | 110       | .2        | 28.4      | 8.2       | 232       | 2.50    | 15.4      | .9       | 3.0       | 4.1       | 26        | .4        | 1.6       | .2        | 34       | .28     | .077   | 15        | 20.9      | .40     | 591       | .014    | 1        | 1.13    | .008    | .08    | .1       | .17       | 2.7       | .1        | <.05   | 3         | .7        |
| RL8 750  | 2.4       | 33.7      | 11.4      | 111       | .2        | 30.8      | 9.3       | 290       | 2.51    | 15.5      | 1.4      | 3.2       | 3.8       | 24        | .6        | 1.6       | .2        | 37       | .22     | .069   | 16        | 21.4      | .36     | 486       | .010    | <.1      | 1.19    | .007    | .10    | .1       | .18       | 2.8       | .1        | <.05   | 4         | 1.1       |
| RL8 800  | 2.1       | 32.8      | 13.5      | 98        | .3        | 27.7      | 11.0      | 306       | 2.40    | 12.4      | 1.6      | 3.3       | 3.9       | 36        | .4        | 1.4       | .2        | 41       | .37     | .086   | 15        | 22.8      | .37     | 794       | .012    | 1        | 1.29    | .007    | .12    | .1       | .27       | 3.3       | .1        | <.05   | 4         | 1.7       |
| RL8 850  | 2.9       | 30.3      | 9.9       | 109       | .3        | 25.8      | 9.7       | 439       | 2.36    | 14.3      | .9       | 2.6       | 2.7       | 23        | .5        | 1.6       | .2        | 39       | .18     | .069   | 15        | 21.2      | .32     | 603       | .013    | 1        | 1.08    | .007    | .10    | .1       | .17       | 2.2       | .1        | <.05   | 3         | 1.1       |
| RL8 900  | 3.2       | 50.8      | 14.6      | 149       | .3        | 42.3      | 11.6      | 526       | 2.81    | 23.5      | 1.4      | 3.6       | 4.5       | 38        | 1.0       | 2.1       | .2        | 42       | .41     | .093   | 16        | 22.8      | .43     | 782       | .017    | 2        | 1.25    | .011    | .12    | .1       | .29       | 3.9       | .1        | <.05   | 4         | 1.4       |
| STANDARD | 12.8      | 142.2     | 25.6      | 138       | .2        | 24.7      | 11.7      | 774       | 3.00    | 17.6      | 6.8      | 43.7      | 3.0       | 51        | 5.2       | 3.9       | 6.0       | 62       | .75     | .096   | 14        | 190.6     | .69     | 139       | .115    | 17       | 2.15    | .036    | .16    | 4.9      | .18       | 3.6       | 1.1       | <.05   | 7         | 5.2       |

Standard is STANDARD DSS. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



Berdahl, Ron FILE # A406681

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| SAMPLE#      | Mo<br>ppm | Cu<br>ppm | Pb<br>ppm | Zn<br>ppm | Ag<br>ppm | Ni<br>ppm | Co<br>ppm | Mn<br>ppm | Fe<br>% | As<br>ppm | U<br>ppm | Au<br>ppb | Th<br>ppm | Sr<br>ppm | Cd<br>ppm | Sb<br>ppm | Bi<br>ppm | V<br>ppm | Ca<br>% | P<br>% | La<br>ppm | Cr<br>ppm | Mg<br>% | Ba<br>ppm | Ti<br>% | B<br>ppm | Al<br>% | Na<br>% | K<br>% | W<br>ppm | Hg<br>ppm | Sc<br>ppm | Tl<br>ppm | S<br>% | Ga<br>ppm | Se<br>ppm |
|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|-----------|-----------|-----------|--------|-----------|-----------|
| G-1          | 1.6       | 3.1       | 2.0       | 47        | <.1       | 4.6       | 4.5       | 624       | 2.13    | <.5       | 1.7      | .5        | 4.1       | 88        | <.1       | <.1       | .1        | 44       | .54     | .087   | 8         | 13.0      | .57     | 273       | .138    | 1        | .92     | .084    | .59    | 1.3      | <.01      | 2.4       | .3        | <.05   | 5         | <.5       |
| RL8 950      | 3.5       | 32.3      | 10.8      | 123       | .3        | 30.8      | 10.7      | 511       | 2.67    | 15.1      | 1.1      | 2.9       | 3.6       | 34        | .3        | 1.9       | .2        | 44       | .32     | .089   | 15        | 25.2      | .38     | 728       | .011    | 2        | 1.14    | .007    | .10    | .1       | .29       | 2.6       | .1        | <.05   | 4         | 1.1       |
| RL8 1000     | 2.3       | 26.6      | 13.6      | 88        | .3        | 22.2      | 6.9       | 211       | 2.60    | 14.5      | 1.1      | 2.1       | 3.3       | 33        | .4        | 1.2       | .2        | 39       | .31     | .080   | 14        | 21.3      | .32     | 756       | .006    | 2        | 1.07    | .006    | .08    | .1       | .22       | 2.5       | .1        | <.05   | 4         | 1.5       |
| RL8 1050     | 3.6       | 27.7      | 16.3      | 87        | .4        | 23.2      | 16.7      | 1032      | 3.48    | 17.5      | .9       | 3.3       | 3.2       | 35        | .2        | 1.5       | .3        | 43       | .31     | .088   | 13        | 21.7      | .30     | 790       | .004    | 2        | 1.20    | .005    | .11    | .1       | .26       | 2.6       | .1        | <.05   | 4         | 1.4       |
| RL8 1100     | 2.5       | 53.3      | 17.6      | 132       | .4        | 32.9      | 6.6       | 118       | 2.05    | 13.3      | 1.2      | 4.6       | 5.0       | 45        | .7        | 2.0       | .3        | 41       | .33     | .092   | 16        | 26.1      | .41     | 1194      | .007    | 2        | 1.21    | .007    | .12    | .1       | .41       | 3.8       | .2        | .06    | 3         | 1.7       |
| RL8 1150     | 3.1       | 27.0      | 11.6      | 93        | .1        | 22.7      | 7.0       | 187       | 2.67    | 14.7      | .7       | 2.7       | 4.0       | 22        | .1        | 1.7       | .2        | 42       | .16     | .060   | 16        | 19.9      | .32     | 722       | .008    | 2        | 1.08    | .005    | .09    | .1       | .09       | 2.2       | .1        | <.05   | 3         | 1.2       |
| RL8 1200     | 2.5       | 41.4      | 13.0      | 115       | .2        | 31.2      | 8.3       | 287       | 2.91    | 15.5      | 1.0      | 2.4       | 4.9       | 30        | .3        | 1.6       | .3        | 34       | .19     | .074   | 19        | 19.9      | .31     | 1416      | .015    | 2        | .86     | .005    | .06    | .1       | .18       | 2.9       | .1        | <.05   | 3         | 1.0       |
| RL8 1250     | 3.2       | 41.8      | 13.6      | 148       | .2        | 32.8      | 10.1      | 408       | 2.98    | 18.4      | .9       | 5.1       | 3.6       | 33        | .8        | 2.1       | .3        | 40       | .23     | .086   | 16        | 21.3      | .36     | 1092      | .008    | 3        | 1.12    | .007    | .12    | .1       | .24       | 2.9       | .2        | <.05   | 3         | 1.1       |
| RL8 1300     | 2.6       | 29.0      | 14.1      | 93        | .1        | 26.1      | 7.9       | 205       | 2.88    | 15.3      | .6       | 1.9       | 3.3       | 17        | .3        | 1.3       | .2        | 37       | .10     | .049   | 15        | 20.3      | .33     | 653       | .006    | 2        | 1.14    | .005    | .07    | .1       | .08       | 2.1       | .1        | <.05   | 3         | .9        |
| RL8 1350     | 2.2       | 37.7      | 12.5      | 112       | .1        | 28.8      | 8.4       | 266       | 2.68    | 15.8      | .9       | 3.2       | 4.8       | 21        | .2        | 1.5       | .2        | 30       | .15     | .063   | 19        | 18.9      | .36     | 766       | .015    | 2        | .94     | .005    | .06    | .1       | .16       | 2.8       | .1        | <.05   | 3         | 1.1       |
| RL8 1400     | 1.9       | 32.5      | 10.4      | 108       | .1        | 26.2      | 9.9       | 317       | 2.65    | 12.6      | 1.1      | 3.0       | 3.8       | 18        | .4        | 1.1       | .2        | 38       | .13     | .052   | 18        | 24.1      | .35     | 627       | .015    | 1        | 1.06    | .005    | .07    | .1       | .11       | 2.8       | .1        | <.05   | 3         | 1.2       |
| RL8 1450     | 2.7       | 38.3      | 11.9      | 124       | .1        | 30.6      | 8.0       | 302       | 2.67    | 15.8      | .7       | 2.7       | 4.3       | 23        | .4        | 1.5       | .2        | 31       | .13     | .072   | 19        | 19.6      | .35     | 839       | .010    | 1        | .99     | .005    | .07    | .1       | .15       | 2.6       | .1        | <.05   | 3         | 1.2       |
| RL8 1500     | 2.2       | 53.2      | 14.1      | 74        | .5        | 21.9      | 4.5       | 91        | 1.72    | 8.8       | 1.6      | 2.6       | 3.4       | 34        | 1.0       | .8        | .2        | 31       | .24     | .033   | 14        | 16.3      | .16     | 1388      | .002    | 1        | 1.06    | .007    | .11    | .1       | .21       | 2.8       | .1        | <.05   | 3         | .9        |
| RL8 1600     | 1.8       | 25.1      | 11.3      | 72        | .2        | 17.9      | 6.3       | 188       | 2.13    | 8.9       | 1.0      | 4.3       | 1.0       | 23        | .3        | .7        | .2        | 33       | .15     | .067   | 13        | 18.5      | .25     | 664       | .008    | 1        | .92     | .005    | .07    | .1       | .14       | 1.6       | .1        | <.05   | 3         | 1.0       |
| RE RL8 1600  | 1.7       | 24.5      | 11.0      | 71        | .2        | 18.6      | 6.4       | 197       | 2.15    | 8.8       | 1.0      | 2.2       | 1.0       | 23        | .3        | .7        | .2        | 35       | .16     | .065   | 13        | 19.6      | .24     | 662       | .008    | 2        | .90     | .005    | .07    | .1       | .13       | 1.5       | .1        | <.05   | 3         | .9        |
| RL8 1700     | 3.0       | 30.7      | 18.3      | 95        | .3        | 22.6      | 9.1       | 483       | 3.28    | 13.7      | 1.8      | 3.0       | 3.9       | 63        | .1        | 1.3       | .3        | 36       | .63     | .063   | 14        | 19.5      | .27     | 1068      | .007    | 3        | .92     | .007    | .11    | <.1      | .28       | 2.7       | .1        | <.05   | 3         | 1.9       |
| RL8 1750     | 3.0       | 37.2      | 14.8      | 101       | .3        | 21.4      | 7.5       | 217       | 2.85    | 12.1      | 1.2      | 3.0       | 4.7       | 39        | .2        | 1.4       | .3        | 36       | .21     | .065   | 18        | 21.1      | .32     | 1190      | .007    | 2        | .98     | .006    | .09    | .1       | .40       | 2.9       | .1        | <.05   | 3         | 1.7       |
| RL8 1800     | 2.7       | 16.4      | 13.1      | 59        | .2        | 12.5      | 4.7       | 232       | 3.45    | 24.5      | .4       | 1.7       | 2.1       | 7         | .2        | 1.2       | .3        | 64       | .03     | .049   | 12        | 21.1      | .22     | 227       | .011    | 2        | .98     | .003    | .05    | .2       | .06       | 1.8       | .1        | <.05   | 6         | .6        |
| RL8 1850     | 1.8       | 14.4      | 10.6      | 59        | .1        | 16.2      | 7.0       | 196       | 2.56    | 10.8      | .4       | 1.1       | 3.5       | 10        | .1        | .8        | .2        | 51       | .06     | .017   | 14        | 22.7      | .27     | 683       | .010    | 1        | 1.43    | .004    | .04    | .1       | .03       | 2.1       | .1        | <.05   | 4         | .5        |
| RL8 1900     | 2.6       | 41.9      | 11.4      | 84        | .1        | 16.6      | 4.0       | 65        | 4.09    | 13.2      | .4       | 2.2       | 3.3       | 13        | .1        | 1.5       | .2        | 35       | .01     | .074   | 14        | 18.9      | .12     | 137       | .005    | 2        | .79     | .003    | .07    | .1       | .04       | 1.5       | .1        | <.05   | 3         | 1.7       |
| RL8 1950     | 3.0       | 68.2      | 20.8      | 110       | .3        | 31.6      | 7.8       | 148       | 2.85    | 14.6      | 1.6      | 2.6       | 6.5       | 29        | .2        | 1.8       | .3        | 29       | .06     | .057   | 19        | 19.0      | .25     | 606       | .005    | 3        | .90     | .005    | .09    | <.1      | .31       | 3.9       | .2        | <.05   | 3         | 2.3       |
| RL8 2000     | .5        | 4.5       | 5.3       | 19        | .1        | 2.6       | .5        | 14        | .23     | 1.0       | .3       | 1.7       | 4.8       | 19        | .1        | .2        | .1        | 5        | .08     | .008   | 18        | 7.9       | .06     | 104       | .004    | 1        | .22     | .003    | .06    | <.1      | .11       | .8        | .1        | <.05   | 1         | <.5       |
| RL9 0        | 2.1       | 36.7      | 15.4      | 87        | .3        | 19.2      | 9.6       | 516       | 2.29    | 57.5      | 1.3      | 5.6       | 2.8       | 71        | .3        | .9        | 1.4       | 31       | 1.02    | .069   | 12        | 18.9      | .31     | 440       | .006    | 2        | .91     | .008    | .08    | .3       | .24       | 2.5       | .1        | .06    | 4         | 1.2       |
| RL9 50       | 1.3       | 30.4      | 20.8      | 78        | .2        | 19.0      | 10.2      | 623       | 1.87    | 28.3      | 1.2      | 2.2       | 2.9       | 81        | .2        | .6        | .8        | 24       | 1.58    | .079   | 10        | 17.9      | .33     | 411       | .005    | 2        | 1.02    | .007    | .06    | .2       | .14       | 2.0       | .1        | .06    | 3         | .7        |
| RL9 150      | 2.1       | 29.5      | 11.6      | 71        | .2        | 17.5      | 7.4       | 299       | 2.07    | 62.8      | 1.0      | 6.0       | 2.9       | 52        | .1        | .8        | 1.4       | 30       | .88     | .050   | 13        | 18.2      | .27     | 341       | .008    | 3        | .94     | .009    | .09    | .2       | .19       | 2.2       | .1        | <.05   | 3         | 1.0       |
| RL9 200      | 2.3       | 52.7      | 13.5      | 69        | .3        | 24.1      | 9.7       | 483       | 2.25    | 67.1      | 1.4      | 4.6       | 2.2       | 73        | .2        | 1.1       | 1.7       | 33       | 1.72    | .059   | 12        | 19.6      | .26     | 482       | .005    | 3        | .97     | .008    | .09    | .3       | .21       | 2.3       | .1        | <.05   | 3         | 1.3       |
| RL9 250      | 2.5       | 41.1      | 20.7      | 90        | .3        | 23.7      | 12.0      | 710       | 2.50    | 54.7      | 1.5      | 4.3       | 3.5       | 53        | .4        | 1.0       | 1.2       | 35       | .79     | .064   | 14        | 20.2      | .28     | 610       | .004    | 4        | 1.14    | .007    | .11    | .2       | .17       | 2.5       | .2        | <.05   | 4         | 1.3       |
| RL9 300      | 2.2       | 33.2      | 17.0      | 74        | .3        | 16.4      | 6.1       | 165       | 1.80    | 33.1      | 1.1      | 2.8       | 2.4       | 29        | .4        | .8        | 1.0       | 28       | .25     | .063   | 14        | 17.8      | .23     | 334       | .005    | 2        | .89     | .005    | .10    | .2       | .21       | 2.0       | .2        | <.05   | 3         | 1.2       |
| RL9 350      | 3.4       | 40.0      | 19.1      | 100       | .2        | 25.5      | 14.2      | 574       | 2.76    | 69.5      | .9       | 4.4       | 3.2       | 35        | .5        | 1.3       | 1.4       | 39       | .31     | .065   | 15        | 21.3      | .29     | 461       | .007    | 2        | 1.05    | .006    | .11    | .2       | .14       | 2.2       | .1        | <.05   | 4         | 1.1       |
| RL9 400      | 1.0       | 30.5      | 19.1      | 92        | .1        | 22.0      | 8.7       | 228       | 2.46    | 38.5      | 2.2      | 1.9       | 6.1       | 64        | .2        | .7        | .8        | 23       | .82     | .026   | 19        | 16.1      | .29     | 244       | .005    | 2        | 1.00    | .009    | .07    | .1       | .15       | 2.5       | .1        | <.05   | 3         | .9        |
| RL9 450      | 1.0       | 33.6      | 23.4      | 76        | .2        | 23.1      | 10.4      | 359       | 2.27    | 21.7      | 2.6      | 1.8       | 4.9       | 74        | .2        | .6        | .6        | 24       | .74     | .054   | 15        | 17.4      | .28     | 265       | .004    | 2        | .94     | .007    | .07    | .1       | .15       | 2.1       | .1        | <.05   | 3         | .8        |
| RL9 550      | .5        | 27.6      | 21.0      | 97        | .1        | 24.4      | 9.3       | 372       | 2.37    | 13.6      | 1.2      | 2.4       | 2.5       | 95        | .2        | .4        | .4        | 14       | 2.17    | .052   | 11        | 16.0      | .36     | 158       | .002    | 3        | .94     | .006    | .05    | .1       | .13       | 1.7       | .1        | .12    | 3         | 1.1       |
| RL9 600      | 1.0       | 22.6      | 21.0      | 74        | .2        | 21.3      | 12.3      | 1163      | 2.54    | 24.7      | 2.3      | 2.4       | 2.4       | 97        | .2        | .7        | .4        | 20       | 2.06    | .058   | 10        | 16.7      | .34     | 281       | .004    | 3        | .96     | .007    | .04    | .1       | .13       | 1.6       | .1        | .09    | 3         | 1.1       |
| RL9 700      | 1.1       | 19.4      | 13.4      | 65        | .3        | 11.9      | 4.9       | 165       | 1.31    | 34.2      | 1.2      | 1.5       | 2.7       | 57        | .4        | .9        | .5        | 22       | .71     | .063   | 12        | 15.0      | .16     | 326       | .002    | 2        | .69     | .005    | .06    | .1       | .18       | 1.6       | .1        | <.05   | 2         | .8        |
| STANDARD DS5 | 12.5      | 140.6     | 25.0      | 134       | .3        | 24.5      | 11.5      | 791       | 2.97    | 18.3      | 6.1      | 39.9      | 2.9       | 48        | 5.4       | 3.9       | 6.0       | 61       | .73     | .094   | 12        | 186.2     | .68     | 137       | .096    | 17       | 2.05    | .034    | .15    | 5.0      | .18       | 3.5       | 1.1       | <.05   | 6         | 5.0       |

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



| SAMPLE#      | Mo<br>ppm | Cu<br>ppm | Pb<br>ppm | Zn<br>ppm | Ag<br>ppm | Ni<br>ppm | Co<br>ppm | Mn<br>ppm | Fe<br>% | As<br>ppm | U<br>ppm | Au<br>ppb | Th<br>ppm | Sr<br>ppm | Cd<br>ppm | Sb<br>ppm | Bi<br>ppm | V<br>ppm | Ca<br>% | P<br>% | La<br>ppm | Cr<br>ppm | Mg<br>% | Ba<br>ppm | Ti<br>% | B<br>ppm | Al<br>% | Na<br>% | K<br>% | W<br>ppm | Hg<br>ppm | Sc<br>ppm | Tl<br>ppm | S<br>% | Ga<br>ppm | Se<br>ppm |
|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|-----------|-----------|-----------|--------|-----------|-----------|
| G-1          | 1.3       | 2.9       | 1.9       | 45        | <.1       | 4.8       | 4.3       | 555       | 1.97    | <.5       | 1.6      | <.5       | 4.2       | 83        | <.1       | <.1       | .1        | 41       | .52     | .082   | 7         | 12.1      | .60     | 264       | .128    | <.1      | .87     | .067    | .52    | 1.3      | <.01      | 2.0       | .3        | <.05   | 5         | <.5       |
| RL9 750      | 2.2       | 26.2      | 23.2      | 74        | .1        | 25.5      | 14.8      | 205       | 2.77    | 15.8      | .8       | 5.1       | 5.0       | 9         | .1        | 1.0       | .3        | 54       | .07     | .033   | 11        | 30.2      | .35     | 169       | .011    | 1        | 2.39    | .004    | .04    | .1       | .04       | 2.4       | .1        | <.05   | 4         | .8        |
| RL9 950      | .8        | 26.7      | 42.6      | 66        | .2        | 18.6      | 10.8      | 316       | 2.16    | 10.9      | 2.6      | 2.2       | 4.3       | 68        | .1        | .3        | .4        | 17       | 1.14    | .048   | 9         | 16.4      | .36     | 164       | .003    | 1        | 1.02    | .004    | .05    | .1       | .07       | 1.6       | .1        | .06    | 3         | .6        |
| RL9 1000     | .9        | 36.3      | 35.3      | 94        | .1        | 33.1      | 22.5      | 327       | 3.47    | 12.3      | 1.8      | 2.6       | 12.9      | 28        | <.1       | .3        | .5        | 15       | .16     | .046   | 28        | 22.2      | .63     | 72        | .003    | 1        | 1.38    | .003    | .05    | <.1      | .03       | 1.5       | <.1       | <.05   | 5         | <.5       |
| RL9 1050     | .6        | 23.6      | 25.0      | 76        | .1        | 25.6      | 17.1      | 301       | 2.83    | 8.5       | 1.6      | 1.6       | 9.3       | 51        | .1        | .3        | .4        | 16       | .59     | .044   | 19        | 21.1      | .59     | 106       | .003    | <.1      | 1.30    | .004    | .04    | <.1      | .04       | 1.5       | .1        | <.05   | 4         | <.5       |
| RL9 1100     | 1.2       | 24.1      | 21.1      | 78        | .1        | 26.3      | 14.0      | 166       | 3.30    | 8.7       | 1.0      | .7        | 9.4       | 15        | <.1       | .2        | .4        | 15       | .12     | .034   | 23        | 18.4      | .40     | 53        | .001    | 1        | 1.08    | .002    | .05    | <.1      | .03       | 1.3       | <.1       | <.05   | 4         | <.5       |
| RL9 1150     | .5        | 24.6      | 119.9     | 47        | .1        | 15.1      | 9.4       | 325       | 1.55    | 11.4      | 1.7      | 1.4       | 9.1       | 41        | .1        | .2        | .4        | 8        | .43     | .034   | 11        | 6.8       | .13     | 116       | .002    | <.1      | .47     | .003    | .04    | <.1      | .04       | 1.4       | <.1       | <.05   | 2         | <.5       |
| RL9 1200     | .5        | 28.1      | 26.2      | 60        | .2        | 18.0      | 13.2      | 206       | 1.80    | 7.5       | 2.5      | 1.2       | 3.9       | 108       | .1        | .3        | .3        | 13       | 2.11    | .042   | 8         | 14.3      | .30     | 165       | .002    | 2        | .94     | .004    | .05    | <.1      | .05       | 1.4       | .1        | .09    | 3         | <.5       |
| RL9 1300     | .6        | 33.5      | 81.4      | 100       | .3        | 21.6      | 20.8      | 673       | 3.26    | 13.0      | 2.7      | 1.2       | 8.5       | 27        | .2        | .3        | .4        | 27       | .25     | .031   | 21        | 21.0      | .36     | 133       | .003    | <.1      | 1.27    | .004    | .04    | .1       | .08       | 3.3       | .1        | <.05   | 4         | <.5       |
| RL9 1350     | .5        | 44.3      | 53.6      | 83        | .2        | 24.1      | 13.8      | 519       | 2.77    | 13.5      | 3.8      | 1.7       | 4.9       | 100       | .2        | .3        | .4        | 22       | 1.44    | .044   | 21        | 16.1      | .30     | 245       | .004    | 2        | 1.12    | .005    | .04    | <.1      | .15       | 4.0       | .1        | <.05   | 3         | .5        |
| RL9 1400     | .6        | 39.4      | 69.8      | 195       | .3        | 22.3      | 11.0      | 516       | 2.25    | 12.8      | 2.8      | 1.9       | 3.2       | 117       | .3        | .4        | .3        | 16       | 2.19    | .055   | 13        | 13.8      | .28     | 178       | .003    | 4        | .76     | .005    | .04    | .1       | .12       | 2.7       | .1        | .07    | 2         | <.5       |
| RL9 1450     | .3        | 36.1      | 81.4      | 154       | .2        | 23.1      | 11.3      | 393       | 2.25    | 9.7       | 2.3      | 1.9       | 3.6       | 84        | .3        | .4        | .3        | 12       | 2.32    | .052   | 17        | 13.2      | .26     | 175       | .003    | 4        | .71     | .005    | .04    | <.1      | .12       | 2.3       | <.1       | .07    | 2         | .5        |
| RL9 1500     | .5        | 29.0      | 38.8      | 137       | .2        | 22.8      | 9.3       | 334       | 2.02    | 10.1      | 2.2      | 1.5       | 2.0       | 133       | .3        | .4        | .2        | 10       | 3.33    | .057   | 17        | 9.6       | .19     | 179       | .002    | 3        | .52     | .004    | .04    | <.1      | .12       | 2.1       | <.1       | .11    | 2         | .6        |
| RL9 1550     | .8        | 34.3      | 63.4      | 217       | .1        | 40.7      | 15.6      | 206       | 3.15    | 33.7      | 1.4      | 1.6       | 7.6       | 144       | .2        | .5        | .3        | 10       | 5.34    | .048   | 21        | 11.6      | .32     | 142       | .002    | 1        | .62     | .003    | .04    | <.1      | .12       | 2.6       | <.1       | <.05   | 2         | <.5       |
| RL9 1600     | 1.0       | 39.6      | 45.7      | 110       | .1        | 41.7      | 15.3      | 481       | 3.36    | 25.5      | 2.0      | 1.2       | 6.3       | 97        | .3        | .4        | .3        | 11       | 1.76    | .052   | 23        | 12.2      | .24     | 170       | .001    | 2        | .92     | .003    | .07    | <.1      | .09       | 2.8       | <.1       | .06    | 2         | <.5       |
| RL9 1700     | .6        | 37.8      | 32.7      | 87        | .2        | 31.9      | 16.6      | 492       | 3.31    | 12.3      | 3.0      | 2.6       | 11.0      | 50        | .1        | .2        | .4        | 19       | .32     | .040   | 21        | 22.6      | .45     | 204       | .001    | 1        | 1.39    | .004    | .09    | <.1      | .08       | 2.8       | .1        | <.05   | 4         | <.5       |
| RE RL9 1750  | 1.8       | 30.9      | 22.5      | 72        | .1        | 23.2      | 10.9      | 299       | 2.50    | 13.6      | 2.8      | 1.1       | 6.7       | 42        | .1        | .7        | .3        | 32       | .33     | .021   | 17        | 20.3      | .32     | 188       | .004    | 1        | 1.14    | .006    | .09    | .1       | .03       | 2.2       | .1        | <.05   | 4         | <.5       |
| RL9 1750     | 2.1       | 31.7      | 22.4      | 72        | .1        | 22.7      | 10.5      | 309       | 2.58    | 14.1      | 2.9      | 1.1       | 6.8       | 44        | .2        | .8        | .3        | 33       | .34     | .022   | 18        | 20.2      | .34     | 190       | .005    | 1        | 1.15    | .006    | .09    | .1       | .03       | 2.3       | .1        | <.05   | 4         | <.5       |
| RL9 1800     | .6        | 35.4      | 13.3      | 60        | .1        | 11.2      | 5.2       | 286       | 1.82    | 3.1       | 1.0      | 1.0       | 5.6       | 71        | .1        | .3        | .2        | 24       | .38     | .058   | 16        | 12.4      | .14     | 158       | .006    | 3        | .74     | .011    | .06    | <.1      | .10       | 1.3       | .1        | <.05   | 4         | .5        |
| RL9 1850     | .5        | 55.5      | 32.3      | 88        | .2        | 34.5      | 20.0      | 500       | 3.04    | 8.1       | 4.0      | 1.8       | 6.7       | 118       | .1        | .3        | .4        | 15       | 1.36    | .057   | 18        | 20.1      | .56     | 195       | .003    | 2        | 1.31    | .005    | .05    | <.1      | .07       | 2.0       | .1        | <.05   | 4         | <.5       |
| RL10 0       | 5.1       | 45.0      | 19.3      | 128       | .6        | 44.4      | 10.2      | 581       | 2.85    | 62.5      | .7       | 2.4       | 4.4       | 36        | 1.2       | 2.4       | .6        | 32       | .73     | .080   | 18        | 16.1      | .33     | 659       | .003    | 2        | .77     | .007    | .04    | <.1      | .52       | 4.9       | .2        | <.05   | 2         | 1.0       |
| RL10 50      | 2.2       | 25.3      | 14.6      | 90        | .4        | 27.3      | 9.0       | 319       | 2.60    | 27.7      | .8       | 2.9       | 4.4       | 25        | .6        | 1.5       | .4        | 37       | .39     | .090   | 18        | 20.8      | .32     | 548       | .012    | 2        | .91     | .006    | .05    | .2       | .22       | 3.1       | .1        | <.05   | 3         | .6        |
| RL10 100     | 6.8       | 62.8      | 31.8      | 148       | .7        | 46.5      | 12.5      | 484       | 4.44    | 155.0     | 1.1      | 4.3       | 5.4       | 27        | .7        | 4.0       | 1.6       | 34       | .37     | .102   | 21        | 19.8      | .22     | 780       | .002    | 2        | .95     | .005    | .06    | <.1      | .60       | 5.4       | .2        | <.05   | 2         | 2.3       |
| RL10 150     | 1.9       | 31.1      | 19.5      | 92        | .3        | 24.7      | 9.1       | 565       | 2.66    | 47.3      | 1.9      | 3.6       | 5.2       | 55        | .5        | 1.7       | .5        | 22       | .82     | .093   | 20        | 13.3      | .23     | 353       | .005    | 2        | .63     | .005    | .05    | .1       | .27       | 2.2       | .1        | <.05   | 2         | .7        |
| RL10 200     | .7        | 18.5      | 16.8      | 92        | .1        | 21.8      | 11.2      | 331       | 2.51    | 12.4      | 1.3      | 4.0       | 7.8       | 39        | .2        | .7        | .4        | 18       | .34     | .058   | 25        | 16.0      | .36     | 206       | .004    | 1        | .88     | .008    | .07    | .1       | .09       | 2.1       | .1        | <.05   | 3         | <.5       |
| RL10 250     | .8        | 20.9      | 13.5      | 72        | .1        | 20.4      | 8.4       | 451       | 2.04    | 12.6      | 1.7      | 2.0       | 5.0       | 54        | .3        | .7        | .3        | 18       | .65     | .063   | 20        | 12.8      | .32     | 203       | .006    | 2        | .66     | .005    | .05    | .2       | .14       | 1.6       | .1        | <.05   | 2         | .5        |
| RL10 300     | 1.2       | 30.5      | 15.9      | 79        | .2        | 23.5      | 7.4       | 270       | 1.96    | 25.8      | 3.2      | 2.0       | 3.4       | 159       | .4        | 1.1       | .4        | 16       | 1.48    | .077   | 13        | 12.8      | .36     | 241       | .003    | 3        | .61     | .005    | .05    | .1       | .20       | 1.9       | .1        | .09    | 2         | .8        |
| RL10 350     | 4.1       | 46.3      | 29.3      | 131       | .7        | 35.1      | 11.0      | 318       | 2.92    | 94.1      | 1.4      | 4.1       | 4.7       | 76        | 1.2       | 3.2       | 1.0       | 30       | 1.58    | .135   | 18        | 18.2      | .25     | 561       | .007    | 2        | .66     | .011    | .06    | .1       | .43       | 4.6       | .2        | .06    | 2         | 1.9       |
| RL10 400     | 3.5       | 38.5      | 22.7      | 111       | .4        | 35.6      | 9.2       | 290       | 2.86    | 75.0      | .8       | 3.4       | 5.2       | 34        | .5        | 2.3       | .6        | 34       | .50     | .114   | 21        | 19.6      | .33     | 538       | .011    | 2        | .88     | .006    | .06    | .1       | .27       | 3.7       | .1        | <.05   | 3         | .7        |
| RL10 450     | 1.9       | 32.1      | 19.7      | 85        | .3        | 26.0      | 10.5      | 422       | 2.85    | 46.0      | 1.6      | 1.8       | 5.3       | 39        | .4        | 1.4       | .5        | 26       | .59     | .066   | 19        | 16.5      | .26     | 380       | .006    | 2        | .82     | .004    | .05    | .1       | .10       | 2.2       | .1        | <.05   | 3         | .7        |
| RL10 500     | 1.4       | 24.5      | 17.9      | 86        | .2        | 23.0      | 9.7       | 270       | 2.39    | 24.8      | 2.2      | 1.6       | 5.8       | 76        | .3        | .9        | .4        | 19       | .70     | .039   | 20        | 13.5      | .33     | 250       | .004    | 2        | .78     | .005    | .05    | .1       | .13       | 2.1       | .1        | <.05   | 3         | <.5       |
| RL10 600     | 4.9       | 42.0      | 38.9      | 152       | .4        | 35.4      | 12.8      | 528       | 3.65    | 103.2     | 1.0      | 3.9       | 4.5       | 79        | .8        | 4.4       | 1.1       | 26       | .83     | .078   | 17        | 15.2      | .24     | 357       | .004    | 2        | .64     | .006    | .04    | .1       | .32       | 3.5       | .2        | <.05   | 2         | 1.5       |
| RL10 650     | 2.3       | 34.1      | 22.3      | 93        | .4        | 25.3      | 8.8       | 631       | 1.99    | 74.0      | 2.2      | 2.0       | 1.8       | 151       | 1.0       | 2.2       | .8        | 20       | 1.95    | .089   | 11        | 11.4      | .19     | 360       | .005    | 2        | .49     | .006    | .04    | .1       | .30       | 2.5       | .1        | .07    | 1         | 1.2       |
| RL10 700     | 1.0       | 29.4      | 23.9      | 79        | .2        | 20.0      | 9.0       | 337       | 2.33    | 46.1      | 2.5      | 1.7       | 4.4       | 114       | .3        | 1.0       | .6        | 20       | 1.31    | .064   | 14        | 14.4      | .31     | 235       | .004    | 3        | .78     | .006    | .07    | <.1      | .18       | 2.1       | .1        | <.05   | 3         | .6        |
| STANDARD DS5 | 13.2      | 146.0     | 24.7      | 137       | .3        | 24.4      | 11.7      | 776       | 2.99    | 17.9      | 6.4      | 45.0      | 2.9       | 50        | 5.6       | 3.9       | 6.3       | 61       | .75     | .092   | 13        | 189.3     | .71     | 138       | .099    | 20       | 1.99    | .035    | .14    | 5.1      | .18       | 3.5       | 1.1       | <.05   | 7         | 5.1       |

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



| SAMPLE#      | Mo<br>ppm | Cu<br>ppm | Pb<br>ppm | Zn<br>ppm | Ag<br>ppm | Ni<br>ppm | Co<br>ppm | Mn<br>ppm | Fe<br>% | As<br>ppm | U<br>ppm | Au<br>ppb | Th<br>ppm | Sr<br>ppm | Cd<br>ppm | Sb<br>ppm | Bi<br>ppm | V<br>ppm | Ca<br>% | P<br>% | La<br>ppm | Cr<br>ppm | Mg<br>% | Ba<br>ppm | Ti<br>% | B<br>ppm | Al<br>% | Na<br>% | K<br>% | W<br>ppm | Hg<br>ppm | Sc<br>ppm | Tl<br>ppm | S<br>% | Ga<br>ppm | Se<br>ppm |
|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|-----------|-----------|-----------|--------|-----------|-----------|
| G-1          | 1.5       | 3.2       | 2.3       | 49        | <.1       | 4.2       | 4.7       | 581       | 2.14    | <.5       | 1.7      | <.5       | 4.4       | 93        | <.1       | <.1       | .1        | 48       | .59     | .084   | 9         | 13.8      | .62     | 281       | .139    | <.1      | 1.03    | .079    | .51    | 1.3      | .01       | 2.7       | .3        | <.05   | 5         | <.5       |
| RL10 750     | 4.9       | 50.0      | 34.7      | 151       | .7        | 39.1      | 13.0      | 588       | 3.34    | 179.0     | 1.8      | 8.2       | 3.7       | 97        | 1.1       | 5.3       | 1.3       | 30       | 1.33    | .138   | 16        | 14.4      | .23     | 427       | .004    | 1        | .58     | .007    | .06    | .1       | .46       | 3.2       | .2        | .09    | 2         | 1.5       |
| RL10 800     | 1.4       | 42.8      | 25.0      | 99        | .2        | 28.6      | 13.0      | 358       | 3.02    | 54.2      | 1.0      | 3.3       | 9.3       | 57        | .3        | 1.2       | .9        | 23       | .74     | .058   | 25        | 14.8      | .36     | 425       | .007    | 2        | .88     | .013    | .09    | .1       | .14       | 2.2       | .1        | <.05   | 3         | <.5       |
| RL10 900     | 1.5       | 48.3      | 44.5      | 100       | .2        | 33.0      | 18.8      | 384       | 3.36    | 102.2     | 1.7      | 2.5       | 7.2       | 132       | .3        | 1.3       | 1.2       | 26       | 1.44    | .034   | 25        | 16.4      | .40     | 237       | .006    | 3        | 1.10    | .008    | .09    | .1       | .16       | 2.7       | .1        | .07    | 3         | .8        |
| RL10 950     | 1.7       | 42.1      | 20.4      | 98        | .2        | 28.7      | 11.9      | 327       | 2.75    | 46.8      | 2.2      | 3.3       | 4.9       | 96        | .3        | 1.2       | .6        | 29       | 1.42    | .044   | 24        | 18.8      | .44     | 273       | .012    | 3        | 1.05    | .007    | .09    | .1       | .12       | 2.5       | .1        | <.05   | 3         | .8        |
| RL10 1000    | .9        | 16.3      | 16.0      | 53        | .1        | 20.7      | 8.1       | 193       | 2.43    | 18.1      | 1.8      | 1.0       | 3.5       | 155       | .1        | .7        | .3        | 28       | 1.18    | .024   | 14        | 17.8      | .34     | 171       | .009    | 3        | .94     | .005    | .09    | .2       | .04       | 1.7       | .1        | .07    | 3         | .6        |
| RL10 1050    | .4        | 20.7      | 48.6      | 146       | .1        | 23.5      | 12.7      | 506       | 3.23    | 5.6       | .8       | 1.0       | 11.0      | 47        | .1        | .2        | .3        | 11       | .92     | .030   | 42        | 13.9      | .26     | 166       | .001    | 2        | 1.10    | .003    | .09    | <.1      | .07       | 2.8       | .1        | <.05   | 3         | <.5       |
| RL10 1100    | 1.0       | 39.8      | 50.9      | 113       | .2        | 35.0      | 15.0      | 331       | 3.21    | 20.7      | 1.4      | 2.7       | 9.8       | 101       | .2        | .8        | .5        | 19       | 3.30    | .067   | 45        | 17.6      | .43     | 269       | .005    | 1        | 1.10    | .007    | .10    | .1       | .12       | 2.3       | .1        | <.05   | 3         | .7        |
| RL10 1150    | .4        | 20.4      | 58.5      | 94        | .2        | 34.8      | 15.1      | 670       | 3.29    | 10.5      | 1.8      | 1.9       | 15.4      | 65        | .2        | .4        | .4        | 12       | .93     | .043   | 61        | 15.4      | .43     | 160       | .001    | 1        | 1.14    | .003    | .12    | <.1      | .07       | 2.5       | .1        | <.05   | 4         | <.5       |
| RL10 1250    | .3        | 28.1      | 22.8      | 73        | .1        | 24.0      | 11.3      | 523       | 2.30    | 3.6       | 2.0      | .8        | 4.1       | 113       | .1        | .2        | .3        | 12       | 1.78    | .056   | 30        | 13.8      | .31     | 107       | .002    | 2        | .87     | .004    | .05    | <.1      | .11       | 1.6       | .1        | .09    | 3         | .6        |
| RL10 1300    | .3        | 22.5      | 20.1      | 78        | .1        | 20.0      | 9.3       | 281       | 2.17    | 3.8       | 1.8      | 1.0       | 3.6       | 116       | .1        | .2        | .3        | 11       | 1.94    | .048   | 19        | 11.7      | .27     | 100       | .002    | 4        | .72     | .004    | .05    | <.1      | .14       | 1.4       | .1        | .09    | 2         | .5        |
| RL10 1350    | .5        | 33.1      | 29.9      | 81        | .1        | 30.6      | 15.0      | 365       | 2.80    | 13.4      | 1.6      | 1.5       | 6.0       | 144       | .1        | .5        | .5        | 20       | 2.69    | .050   | 22        | 16.0      | .29     | 174       | .003    | 5        | .95     | .006    | .13    | .1       | .09       | 2.0       | .1        | .06    | 3         | .5        |
| RL10 1400    | 1.2       | 32.0      | 22.3      | 100       | .2        | 29.2      | 11.5      | 397       | 2.68    | 23.3      | 1.2      | 3.3       | 4.5       | 92        | .4        | .9        | .5        | 22       | 1.34    | .041   | 16        | 17.8      | .37     | 217       | .005    | 1        | .92     | .009    | .06    | .2       | .17       | 2.4       | .1        | <.05   | 3         | .8        |
| RL10 1450    | .8        | 22.3      | 26.8      | 78        | .1        | 25.6      | 14.3      | 599       | 2.51    | 8.3       | 1.7      | 1.3       | 4.2       | 125       | .2        | .5        | .3        | 16       | 1.84    | .032   | 14        | 11.8      | .20     | 180       | .003    | 2        | .66     | .005    | .08    | .1       | .17       | 1.9       | .1        | <.05   | 2         | .8        |
| RL10 1550    | .4        | 21.9      | 22.6      | 69        | .1        | 26.1      | 12.8      | 392       | 2.60    | 4.2       | 1.3      | .7        | 5.1       | 143       | .2        | .3        | .3        | 13       | 2.22    | .035   | 12        | 16.4      | .39     | 114       | .002    | 2        | .99     | .004    | .06    | <.1      | .08       | 1.5       | .1        | <.05   | 3         | .6        |
| RL10 1600    | .4        | 19.0      | 18.0      | 57        | .1        | 22.6      | 7.5       | 243       | 2.15    | 5.3       | 2.1      | 1.0       | 2.5       | 331       | .2        | .3        | .3        | 9        | 6.76    | .050   | 18        | 8.0       | .17     | 96        | .002    | 2        | .57     | .004    | .05    | <.1      | .15       | 1.3       | .1        | .12    | 1         | .6        |
| RL10 1650    | 1.1       | 31.0      | 28.9      | 78        | .2        | 26.1      | 11.3      | 536       | 2.77    | 42.9      | .6       | 1.2       | 5.5       | 118       | .3        | 1.1       | .6        | 24       | 3.79    | .029   | 14        | 16.6      | .25     | 583       | .002    | 3        | 1.13    | .006    | .15    | .1       | .04       | 2.7       | .1        | <.05   | 3         | <.5       |
| RL10 1700    | .9        | 13.8      | 39.4      | 98        | .1        | 18.4      | 11.6      | 373       | 2.63    | 49.7      | .8       | .8        | 8.9       | 41        | .2        | .8        | .7        | 23       | .66     | .017   | 20        | 13.2      | .18     | 285       | .003    | 1        | 1.01    | .004    | .21    | .1       | .04       | 2.2       | .1        | <.05   | 3         | <.5       |
| RL10 1750    | .9        | 27.7      | 22.8      | 79        | .2        | 26.2      | 9.4       | 416       | 2.36    | 22.0      | 2.1      | 1.1       | 3.1       | 134       | .3        | .8        | .4        | 12       | 2.30    | .056   | 18        | 9.3       | .18     | 177       | .002    | 4        | .54     | .004    | .06    | <.1      | .12       | 1.2       | .1        | .10    | 2         | .7        |
| RL10 1800    | 5.0       | 72.3      | 30.7      | 120       | .3        | 45.9      | 19.7      | 611       | 4.46    | 92.2      | 1.1      | 3.9       | 5.9       | 30        | .5        | 2.6       | 1.2       | 48       | .34     | .044   | 18        | 28.7      | .35     | 808       | .004    | <.1      | 1.55    | .007    | .09    | .1       | .17       | 4.1       | .3        | <.05   | 4         | 2.0       |
| RL10 1950    | 1.4       | 48.5      | 32.7      | 77        | .3        | 24.4      | 13.8      | 508       | 3.18    | 68.5      | 3.9      | 7.1       | 5.7       | 96        | .2        | 1.2       | 1.1       | 37       | .99     | .061   | 19        | 22.0      | .33     | 454       | .005    | 1        | 1.24    | .010    | .06    | .1       | .22       | 3.2       | .1        | <.05   | 4         | 1.0       |
| RL10 2000    | 6.4       | 46.6      | 23.0      | 129       | .3        | 45.1      | 13.7      | 346       | 4.07    | 69.1      | 1.0      | 4.3       | 6.5       | 24        | .5        | 3.1       | .9        | 34       | .28     | .113   | 22        | 21.1      | .21     | 567       | .002    | 1        | 1.04    | .004    | .08    | .1       | .35       | 4.8       | .2        | <.05   | 2         | 1.9       |
| RL11 0       | 2.7       | 47.6      | 19.5      | 125       | .3        | 25.3      | 8.6       | 394       | 2.60    | 35.6      | .8       | 2.8       | 4.5       | 24        | .4        | 1.8       | .8        | 35       | .21     | .084   | 16        | 20.3      | .37     | 389       | .015    | 1        | 1.02    | .006    | .10    | .1       | .14       | 2.2       | .1        | <.05   | 4         | .8        |
| RL11 50      | 2.6       | 68.5      | 24.0      | 145       | .6        | 43.9      | 10.6      | 480       | 2.88    | 43.3      | 2.2      | 3.9       | 3.0       | 59        | 1.0       | 1.7       | .9        | 56       | .77     | .076   | 13        | 25.9      | .37     | 1110      | .004    | 1        | 1.68    | .008    | .16    | .1       | .31       | 3.3       | .2        | <.05   | 5         | 1.8       |
| RL11 100     | 2.9       | 21.1      | 19.8      | 98        | .2        | 18.6      | 8.5       | 332       | 2.15    | 36.4      | .6       | 1.5       | 3.3       | 34        | .3        | 1.7       | .5        | 33       | .51     | .064   | 13        | 16.9      | .32     | 291       | .010    | 2        | .86     | .005    | .07    | .2       | .13       | 1.6       | .1        | <.05   | 3         | .6        |
| RL11 150     | 2.8       | 43.4      | 26.5      | 121       | .3        | 28.6      | 8.4       | 245       | 2.78    | 52.7      | .9       | 4.1       | 4.6       | 24        | .3        | 2.3       | .9        | 40       | .26     | .070   | 18        | 21.6      | .34     | 596       | .010    | 1        | 1.05    | .005    | .09    | .1       | .24       | 2.3       | .1        | <.05   | 4         | 1.0       |
| RL11 200     | 2.7       | 39.1      | 29.8      | 106       | .2        | 24.2      | 7.9       | 271       | 2.67    | 67.2      | .9       | 3.8       | 3.8       | 20        | .4        | 2.0       | 1.0       | 41       | .22     | .054   | 17        | 20.3      | .33     | 487       | .009    | 1        | 1.09    | .005    | .08    | .1       | .18       | 2.0       | .1        | <.05   | 4         | .8        |
| RE RL11 200  | 2.8       | 37.4      | 28.2      | 108       | .3        | 25.9      | 8.0       | 270       | 2.55    | 66.8      | .8       | 4.7       | 3.8       | 21        | .4        | 2.0       | 1.0       | 43       | .22     | .055   | 17        | 20.4      | .34     | 477       | .009    | 1        | 1.15    | .005    | .09    | .1       | .16       | 2.0       | .1        | <.05   | 4         | .9        |
| RL11 250     | 5.8       | 152.2     | 51.4      | 123       | .2        | 64.8      | 50.2      | 1013      | 3.30    | 15.9      | 2.5      | 26.0      | 5.2       | 41        | .1        | 1.4       | .5        | 18       | .03     | .028   | 19        | 9.5       | .08     | 2149      | .001    | 1        | .59     | .002    | .08    | <.1      | .37       | 3.7       | .1        | <.05   | 2         | .5        |
| RL11 300     | 2.8       | 45.9      | 23.5      | 105       | .1        | 30.0      | 12.7      | 597       | 2.87    | 97.1      | .6       | 8.2       | 3.5       | 37        | .3        | 1.7       | 1.5       | 46       | .15     | .029   | 15        | 19.1      | .25     | 1242      | .003    | <.1      | 1.18    | .005    | .07    | .1       | .10       | 2.1       | .1        | <.05   | 4         | .6        |
| RL11 350     | 2.7       | 37.7      | 21.3      | 76        | .3        | 24.2      | 7.9       | 270       | 2.46    | 63.0      | 1.1      | 3.3       | 4.3       | 30        | .3        | 1.6       | 1.3       | 34       | .42     | .061   | 18        | 19.6      | .31     | 679       | .007    | 1        | 1.09    | .005    | .09    | .1       | .20       | 2.3       | .1        | <.05   | 4         | .5        |
| RL11 400     | 2.4       | 40.5      | 27.7      | 91        | .5        | 23.4      | 8.4       | 317       | 2.51    | 51.1      | 2.4      | 3.3       | 2.3       | 48        | .7        | 1.4       | 1.0       | 35       | 1.02    | .101   | 13        | 20.3      | .32     | 705       | .006    | 2        | 1.19    | .008    | .08    | .2       | .22       | 2.1       | .1        | .09    | 4         | 3.1       |
| RL11 450     | 2.9       | 50.2      | 21.8      | 85        | .5        | 27.8      | 9.4       | 302       | 2.72    | 54.6      | 2.3      | 3.1       | 3.8       | 36        | .2        | 1.7       | 1.0       | 47       | .63     | .088   | 16        | 24.9      | .37     | 805       | .007    | 2        | 1.41    | .007    | .11    | .1       | .20       | 2.6       | .1        | <.05   | 5         | 1.4       |
| RL11 500     | 3.3       | 44.5      | 24.7      | 80        | .5        | 26.4      | 10.1      | 338       | 2.94    | 62.1      | 1.7      | 3.7       | 3.8       | 41        | .3        | 1.8       | 1.0       | 43       | 1.00    | .065   | 15        | 22.4      | .34     | 696       | .007    | 1        | 1.27    | .010    | .09    | .2       | .20       | 2.4       | .1        | <.05   | 4         | 1.0       |
| STANDARD DS5 | 12.6      | 143.5     | 24.4      | 140       | .3        | 23.9      | 12.5      | 814       | 3.15    | 18.8      | 6.1      | 41.6      | 3.0       | 51        | 5.6       | 4.1       | 6.3       | 65       | .77     | .089   | 13        | 190.7     | .68     | 147       | .100    | 16       | 2.13    | .034    | .15    | 4.6      | .18       | 3.5       | 1.0       | <.05   | 7         | 4.8       |

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



| SAMPLE#      | Mo<br>ppm | Cu<br>ppm | Pb<br>ppm | Zn<br>ppm | Ag<br>ppm | Ni<br>ppm | Co<br>ppm | Mn<br>ppm | Fe<br>% | As<br>ppm | U<br>ppm | Au<br>ppb | Th<br>ppm | Sr<br>ppm | Cd<br>ppm | Sb<br>ppm | Bi<br>ppm | V<br>ppm | Ca<br>% | P<br>% | La<br>ppm | Cr<br>ppm | Mg<br>% | Ba<br>ppm | Ti<br>% | B<br>ppm | Al<br>% | Na<br>% | K<br>% | W<br>ppm | Hg<br>ppm | Sc<br>ppm | Tl<br>ppm | S<br>% | Ga<br>ppm | Se<br>ppm |
|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|-----------|-----------|-----------|--------|-----------|-----------|
| RL11 550     | 2.8       | 63.7      | 31.4      | 120       | .3        | 32.3      | 11.3      | 310       | 2.93    | 66.0      | 1.0      | 2.8       | 4.7       | 33        | .7        | 2.2       | 1.2       | 32       | .29     | .084   | 15        | 19.3      | .32     | 660       | .011    | 1        | .86     | .007    | .07    | .1       | .23       | 3.1       | .2        | .12    | 3         | 1.2       |
| RL11 600     | 4.1       | 56.8      | 26.0      | 88        | .5        | 30.2      | 10.6      | 901       | 2.38    | 54.2      | 2.6      | 4.5       | 2.8       | 44        | .6        | 1.8       | 1.1       | 29       | .99     | .063   | 12        | 17.5      | .30     | 666       | .007    | 2        | .92     | .008    | .05    | .1       | .24       | 2.9       | .1        | .19    | 3         | 2.9       |
| RL11 650     | 3.2       | 68.3      | 42.7      | 108       | .7        | 33.3      | 14.1      | 593       | 3.44    | 78.6      | 1.2      | 8.2       | 3.6       | 34        | .5        | 2.8       | 1.3       | 31       | .58     | .077   | 13        | 18.4      | .25     | 648       | .005    | 1        | .90     | .006    | .07    | .1       | .22       | 2.7       | .1        | .12    | 3         | 1.8       |
| RL11 700     | 4.2       | 93.8      | 41.0      | 124       | .7        | 41.1      | 11.1      | 334       | 3.26    | 103.0     | 1.8      | 11.0      | 5.2       | 36        | .6        | 2.3       | 2.5       | 38       | .63     | .071   | 18        | 24.2      | .38     | 573       | .010    | 1        | 1.14    | .014    | .09    | .1       | .41       | 3.9       | .2        | .10    | 4         | 1.5       |
| RL11 750     | 3.6       | 60.8      | 29.7      | 119       | .3        | 31.2      | 10.6      | 285       | 2.95    | 184.1     | 1.1      | 12.2      | 6.0       | 31        | .4        | 2.1       | 2.6       | 34       | .41     | .081   | 18        | 21.1      | .37     | 592       | .016    | <1       | .95     | .010    | .05    | .2       | .21       | 3.2       | .1        | .07    | 3         | 1.2       |
| RL11 800     | 4.6       | 120.7     | 21.3      | 107       | .8        | 45.3      | 15.2      | 411       | 2.62    | 373.2     | 3.4      | 7.2       | 3.3       | 49        | 2.9       | 2.5       | 3.8       | 41       | 1.46    | .071   | 15        | 24.5      | .40     | 713       | .011    | 3        | 1.34    | .017    | .10    | .2       | .27       | 3.9       | .2        | .15    | 4         | 3.2       |
| RL11 850     | 6.2       | 108.2     | 13.2      | 84        | .4        | 31.0      | 19.5      | 681       | 3.31    | 768.9     | 2.4      | 8.7       | 3.4       | 71        | .3        | 1.7       | 7.3       | 62       | 1.36    | .151   | 16        | 40.1      | .84     | 401       | .024    | 3        | 2.05    | .083    | .11    | .2       | .13       | 4.6       | .2        | .11    | 8         | 2.9       |
| RL11 900     | 3.7       | 32.0      | 11.5      | 64        | .1        | 18.1      | 8.7       | 182       | 2.43    | 148.2     | .5       | 5.5       | 3.3       | 13        | .1        | 1.1       | 1.5       | 38       | .20     | .025   | 11        | 20.5      | .39     | 280       | .011    | <1       | 1.17    | .005    | .06    | .2       | .03       | 2.2       | .1        | <.05   | 4         | .8        |
| RL11 950     | 14.1      | 449.9     | 22.1      | 66        | .6        | 59.7      | 33.1      | 672       | 8.62    | 4398.7    | 4.1      | 80.7      | 11.3      | 43        | .4        | 4.8       | 30.2      | 121      | .44     | .095   | 60        | 49.3      | .59     | 322       | .009    | 2        | 2.37    | .009    | .14    | .2       | 1.04      | 12.9      | .5        | .07    | 8         | 3.7       |
| RL11 1000    | 5.5       | 149.2     | 19.3      | 92        | .2        | 38.8      | 13.2      | 377       | 3.05    | 1153.4    | 2.3      | 13.2      | 7.0       | 37        | .2        | 2.6       | 2.0       | 53       | .75     | .087   | 18        | 30.6      | .57     | 402       | .015    | 3        | 1.63    | .036    | .11    | .2       | .16       | 6.0       | .3        | <.05   | 6         | 1.2       |
| RL11 1050    | 6.3       | 183.1     | 12.5      | 51        | .2        | 40.5      | 21.5      | 1335      | 5.51    | 779.3     | 2.3      | 14.0      | 11.2      | 36        | .2        | 1.7       | 6.9       | 60       | 1.15    | .084   | 52        | 38.4      | .43     | 269       | .004    | 2        | 1.89    | .013    | .05    | .2       | .05       | 10.9      | .2        | <.05   | 7         | 2.0       |
| RL11 1150    | 4.9       | 150.7     | 17.3      | 73        | .1        | 38.8      | 11.0      | 135       | 3.37    | 74.9      | .9       | 9.0       | 5.8       | 12        | .1        | 1.6       | 2.9       | 59       | .08     | .030   | 11        | 36.6      | .61     | 170       | .009    | 1        | 2.04    | .006    | .07    | .2       | .09       | 4.3       | .2        | <.05   | 7         | 1.5       |
| RL11 1200    | 3.1       | 105.8     | 9.2       | 71        | .1        | 26.2      | 10.2      | 230       | 2.84    | 58.3      | .8       | 5.9       | 3.4       | 22        | .1        | .9        | 4.6       | 47       | .25     | .080   | 14        | 26.2      | .48     | 298       | .014    | 2        | 1.43    | .007    | .05    | .2       | .05       | 2.9       | .2        | <.05   | 5         | 1.6       |
| RL11 1250    | 4.8       | 425.9     | 8.7       | 54        | .4        | 62.3      | 28.6      | 332       | 5.06    | 167.8     | 1.0      | 21.6      | 4.7       | 63        | .3        | 1.6       | 6.7       | 68       | 1.51    | .118   | 18        | 31.1      | .51     | 443       | .007    | 5        | 1.09    | .008    | .16    | .2       | 1.03      | 9.0       | 1.0       | .13    | 4         | 2.3       |
| RL11 1300    | 7.5       | 505.3     | 11.7      | 70        | .3        | 57.8      | 22.7      | 341       | 4.62    | 294.2     | 1.4      | 57.4      | 7.0       | 27        | .3        | 1.7       | 21.3      | 93       | .63     | .079   | 26        | 42.7      | .88     | 396       | .020    | 3        | 1.96    | .019    | .27    | .2       | .09       | 7.3       | .3        | <.05   | 7         | 2.9       |
| RL11 1350    | 8.5       | 371.4     | 4.5       | 33        | .2        | 45.1      | 7.6       | 137       | 5.04    | 30.0      | 1.4      | 9.7       | 12.7      | 12        | <.1       | 1.1       | 2.3       | 231      | .26     | .072   | 58        | 90.2      | 1.35    | 85        | .026    | 2        | 2.93    | .003    | .29    | .1       | .06       | 9.5       | .5        | <.05   | 15        | 1.6       |
| RL11 1400    | 54.6      | 350.2     | 7.8       | 60        | .2        | 85.4      | 15.3      | 158       | 4.24    | 66.0      | 3.6      | 31.3      | 7.7       | 15        | <.1       | 1.3       | 10.2      | 137      | .18     | .058   | 16        | 72.0      | 1.43    | 127       | .083    | 3        | 4.65    | .013    | .13    | .5       | .06       | 7.6       | .2        | <.05   | 16        | 1.5       |
| RL11 1450    | 8.3       | 322.2     | 9.6       | 46        | .4        | 50.8      | 17.3      | 179       | 4.03    | 88.9      | 1.0      | 58.0      | 5.2       | 49        | .1        | 1.1       | 11.5      | 94       | .48     | .040   | 13        | 48.5      | .89     | 171       | .045    | 2        | 3.00    | .018    | .08    | .3       | .04       | 4.6       | .2        | <.05   | 11        | 1.3       |
| RL11 1500    | 4.0       | 254.4     | 4.7       | 29        | .2        | 48.5      | 17.2      | 175       | 3.67    | 247.0     | 1.2      | 34.5      | 9.4       | 70        | <.1       | .6        | 5.9       | 88       | 1.37    | .141   | 26        | 70.8      | 1.44    | 218       | .051    | 2        | 4.20    | .265    | .16    | <.1      | .04       | 9.1       | .3        | <.05   | 16        | 1.2       |
| RL11 1550    | 8.6       | 306.4     | 5.8       | 32        | .2        | 47.4      | 8.1       | 114       | 2.96    | 126.8     | 1.8      | 20.0      | 10.0      | 301       | <.1       | .8        | 3.6       | 121      | .79     | .049   | 20        | 56.8      | 1.17    | 392       | .033    | 1        | 4.93    | .054    | .07    | .1       | .03       | 6.5       | .3        | <.05   | 14        | 1.5       |
| RL11 1600    | 7.3       | 265.9     | 14.5      | 70        | .3        | 59.1      | 25.9      | 275       | 5.40    | 4364.4    | 2.0      | 57.3      | 6.2       | 36        | .2        | 1.7       | 28.5      | 86       | .57     | .102   | 11        | 43.2      | .93     | 252       | .024    | 2        | 3.30    | .023    | .12    | .3       | .03       | 5.3       | .3        | <.05   | 10        | 2.3       |
| RE RL11 1600 | 7.6       | 265.4     | 14.3      | 72        | .3        | 63.6      | 25.9      | 281       | 5.41    | 4477.1    | 2.0      | 58.5      | 6.2       | 37        | .3        | 1.8       | 28.2      | 87       | .57     | .099   | 12        | 41.7      | .89     | 254       | .025    | 2        | 3.21    | .021    | .12    | .3       | .04       | 5.2       | .3        | <.05   | 10        | 2.4       |
| RL11 1650    | 6.7       | 198.9     | 11.1      | 65        | .1        | 36.4      | 10.5      | 186       | 3.41    | 467.4     | 1.1      | 9.8       | 6.3       | 22        | .1        | 1.4       | 4.5       | 62       | .23     | .044   | 15        | 38.4      | .81     | 216       | .040    | 1        | 2.15    | .013    | .06    | .3       | .04       | 4.4       | .2        | <.05   | 7         | 3.1       |
| RL11 1700    | 12.4      | 1292.2    | 11.0      | 78        | .8        | 66.8      | 16.7      | 197       | 5.36    | 326.2     | 1.9      | 188.0     | 9.6       | 23        | .2        | 1.5       | 32.5      | 54       | .30     | .110   | 13        | 35.9      | .61     | 141       | .030    | <1       | 3.83    | .010    | .09    | 4.7      | .04       | 5.2       | .2        | <.05   | 9         | 3.5       |
| RL11 1750    | 7.3       | 248.2     | 9.8       | 82        | .3        | 32.3      | 13.0      | 196       | 3.83    | 154.8     | .5       | 37.4      | 3.3       | 13        | .2        | 1.3       | 18.1      | 55       | .12     | .032   | 10        | 26.2      | .47     | 189       | .012    | 1        | 2.09    | .005    | .05    | .6       | .03       | 2.7       | .1        | <.05   | 7         | 1.3       |
| RL11 1800    | 3.7       | 320.2     | 9.6       | 71        | .3        | 35.2      | 13.9      | 265       | 2.98    | 622.3     | 1.7      | 10.0      | 4.6       | 20        | .2        | 1.4       | 6.0       | 35       | .25     | .064   | 18        | 22.4      | .44     | 366       | .015    | 1        | 1.35    | .007    | .06    | .3       | .22       | 3.5       | .1        | <.05   | 4         | 2.1       |
| RL11 1850    | 2.7       | 182.5     | 10.3      | 85        | .3        | 38.0      | 15.5      | 256       | 2.86    | 625.7     | 2.7      | 14.9      | 3.3       | 24        | .2        | 1.0       | 4.1       | 37       | .35     | .088   | 14        | 26.6      | .51     | 312       | .025    | 1        | 1.88    | .008    | .08    | .9       | .13       | 3.3       | .2        | <.05   | 5         | 2.1       |
| RL11 1900    | 9.7       | 102.3     | 12.5      | 65        | .2        | 17.0      | 6.9       | 222       | 4.05    | 608.4     | .9       | 10.1      | 4.2       | 18        | .2        | 1.5       | 6.3       | 76       | .10     | .057   | 10        | 31.8      | .48     | 152       | .023    | 1        | 2.02    | .007    | .07    | .5       | .06       | 3.1       | .2        | <.05   | 8         | 1.5       |
| RL11 1950    | 2.9       | 489.6     | 10.6      | 50        | .3        | 29.4      | 20.4      | 578       | 6.04    | 3574.4    | 1.2      | 75.2      | 4.4       | 37        | .2        | 1.4       | 39.6      | 36       | .52     | .102   | 10        | 22.8      | .38     | 123       | .020    | 2        | 2.85    | .020    | .07    | 1.7      | .05       | 3.0       | .2        | .06    | 7         | 3.8       |
| RL11 2000    | 8.5       | 156.2     | 10.7      | 63        | .3        | 28.5      | 11.5      | 138       | 2.66    | 301.9     | 1.7      | 7.9       | 3.3       | 53        | .3        | 1.1       | 2.7       | 42       | .20     | .067   | 11        | 23.1      | .43     | 307       | .014    | 2        | 1.46    | .008    | .11    | .6       | .19       | 2.8       | .2        | <.05   | 5         | 2.5       |
| R-8          | 1.6       | 36.5      | 9.9       | 147       | .1        | 34.7      | 13.5      | 449       | 3.11    | 32.7      | .9       | 7.1       | 2.6       | 24        | .8        | .8        | .4        | 67       | .27     | .053   | 10        | 38.4      | .82     | 148       | .101    | 2        | 2.19    | .018    | .11    | .1       | .03       | 4.0       | .1        | <.05   | 5         | .9        |
| R-9A         | 19.6      | 58.1      | 16.6      | 266       | .9        | 70.8      | 12.2      | 383       | 2.89    | 39.2      | 2.0      | 1.1       | 4.5       | 95        | 2.9       | 3.8       | .4        | 25       | 1.46    | .224   | 11        | 12.2      | .28     | 468       | .002    | 3        | .46     | .006    | .08    | .1       | .34       | 3.7       | .3        | .11    | 1         | 9.0       |
| TL1 0        | 2.3       | 38.3      | 9.2       | 105       | .1        | 34.6      | 14.7      | 530       | 3.51    | 12.9      | .8       | 2.0       | 1.1       | 22        | .3        | .9        | .1        | 73       | .23     | .045   | 9         | 42.6      | .73     | 114       | .075    | 2        | 1.91    | .010    | .09    | .1       | .04       | 2.9       | .1        | .06    | 7         | .6        |
| STANDARD DS5 | 13.0      | 148.1     | 25.0      | 139       | .3        | 24.4      | 12.7      | 787       | 2.93    | 18.5      | 6.3      | 42.8      | 2.8       | 46        | 5.4       | 4.0       | 6.0       | 59       | .74     | .094   | 11        | 177.4     | .68     | 135       | .095    | 17       | 2.00    | .033    | .14    | 4.9      | .18       | 3.6       | 1.1       | <.05   | 6         | 5.0       |

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

## **APPENDIX C**

### **"END OF THE" CLAIMS MAP**

## **APPENDIX E**

### **STATEMENT OF COSTS**

## STATEMENT OF COSTS

**Dates of Field Work:** August 16–22 (inclusive), 2004 (7 days)

**Crew:** Ron Berdahl, Andrew Berdahl, Scott Berdahl, Stefan Brynjolfsson

### Wages:

|                                                                                  |                              |          |
|----------------------------------------------------------------------------------|------------------------------|----------|
| Prep time                                                                        |                              |          |
| (includes hiring, administration, program set up, etc. – 4 man days @ \$250/day) | \$                           | 1,000.00 |
| Field Days:                                                                      | 5 field days @ \$250/man x 4 | 5,000.00 |
| Travel days:                                                                     | 4 man days @ \$125/man/day   | 1,000.00 |

**Analysis:** ACME Labs 1DX pkg. 330 soils, 12 rocks @ \$18 w/shipping 6,156.00

**Helicopter:** Trans North 13,117.72

**Vehicles (2):** 350 km/leg x 4 legs x 2 vehicles x \$0.48/km (gov't. rate) 1,344.00

**Per Diem:** Room/Board 7 days x 4 men @ \$52/day 1,456.00

Rental of 4 radios, sat phone, 4 GPSs, consumables, flags, sample bags,  
notebooks, Workers' Compensation, batteries, claim posts, etc. 1,200.00

**Report Preparation** 2,500.00

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**TOTAL:** \$ 32,773.72

## **APPENDIX F**

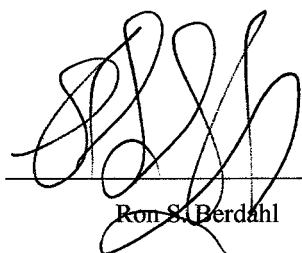
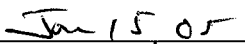
### **STATEMENT OF QUALIFICATIONS**

## **STATEMENT OF QUALIFICATIONS**

I, Ron Berdahl, declare I am an independent prospector who has worked the "End of The" claims during the 2004 field season.

I have worked several years in the Selwyn Basin and taken several courses related to prospecting and, in addition, make the bulk of my living from prospecting.

The data contained herein is true and correct to the best of my knowledge.

  
\_\_\_\_\_  
Ron S. Berdahl  
\_\_\_\_\_  
Date

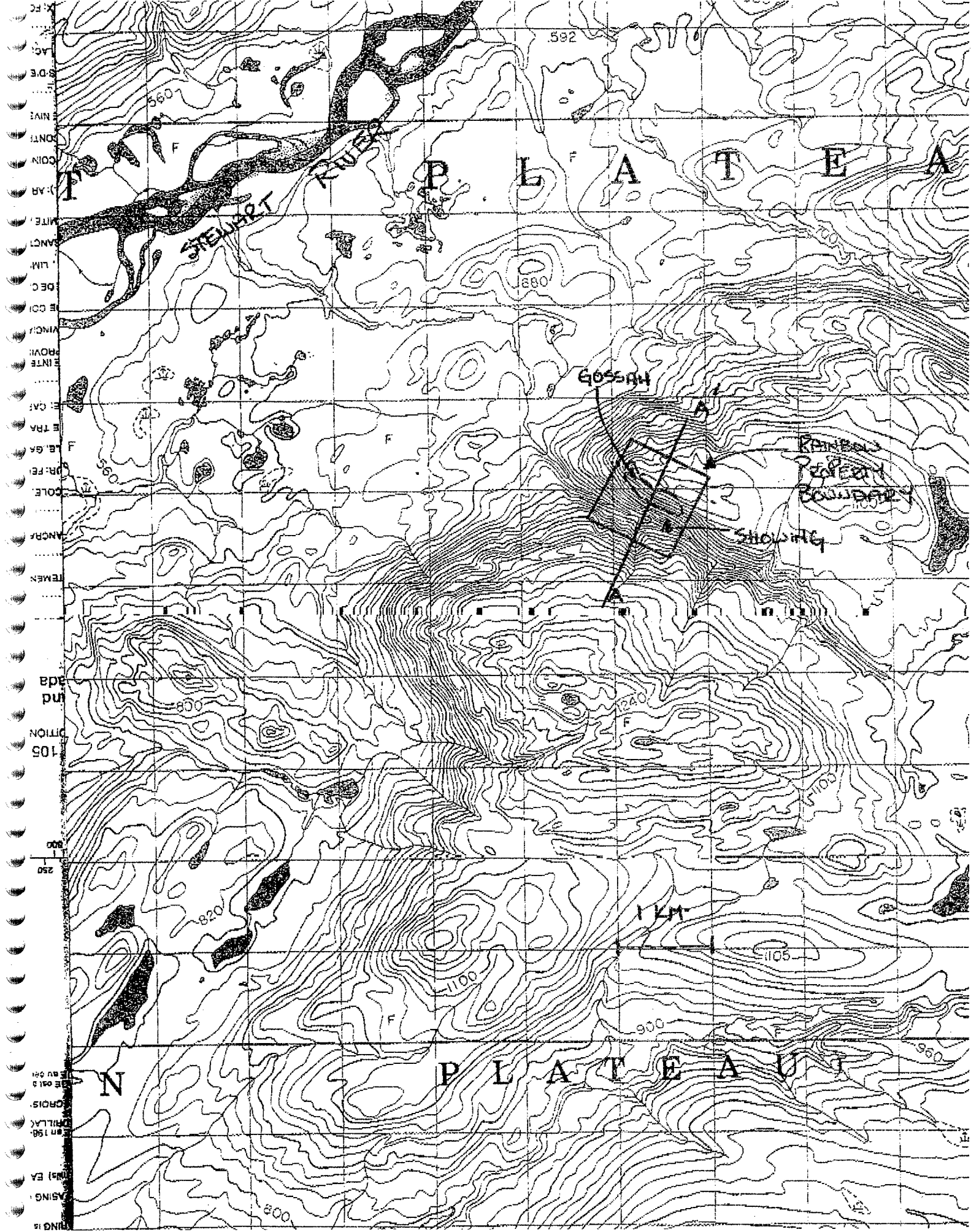
## **APPENDIX G**

### **PROJECT PERSONNEL**

## **PROJECT PERSONNEL**

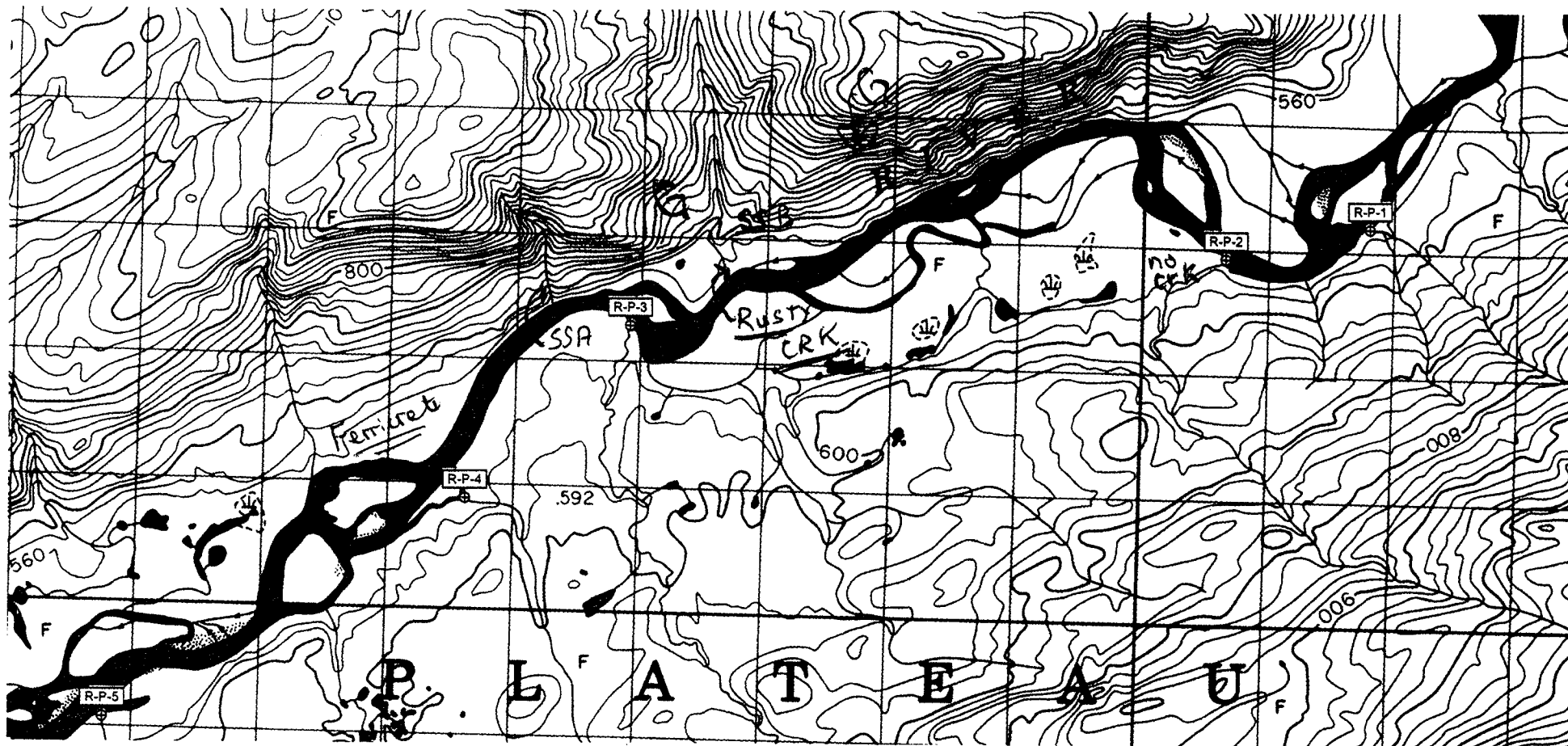
Project personnel during the 2004 season consisted of:

|                     |                        |
|---------------------|------------------------|
| Ron Berdahl         | Supervision / Sampling |
| Andrew Berdahl      | Sampling               |
| Scott Berdahl       | Sampling               |
| Stefan Brynjolfsson | Sampling               |



## **APPENDIX D**

### **"END OF THE" CLAIMS SAMPLE LOCATION MAP**



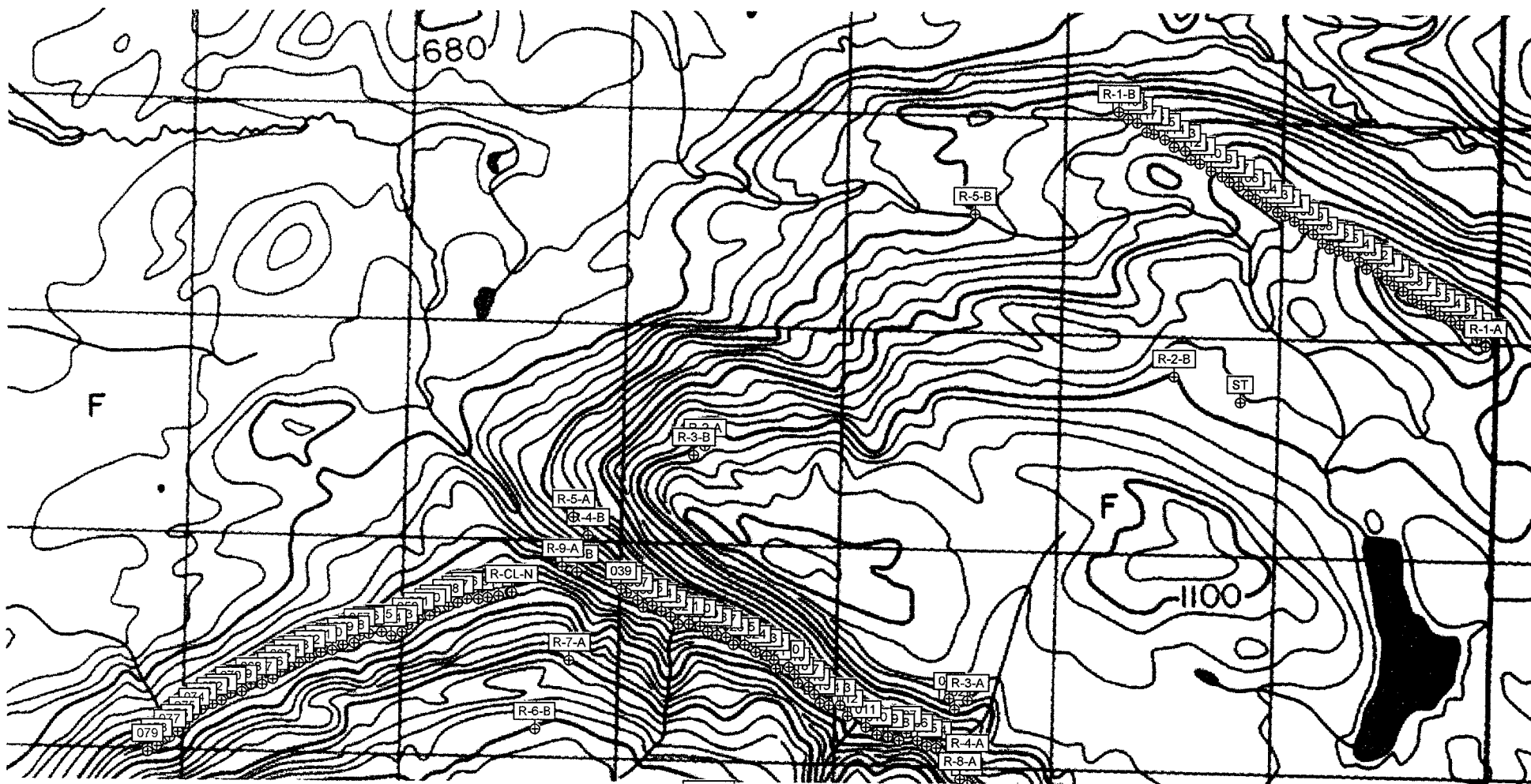
Rainbow  
Creek  
Au

Hope  
Creek  
Au

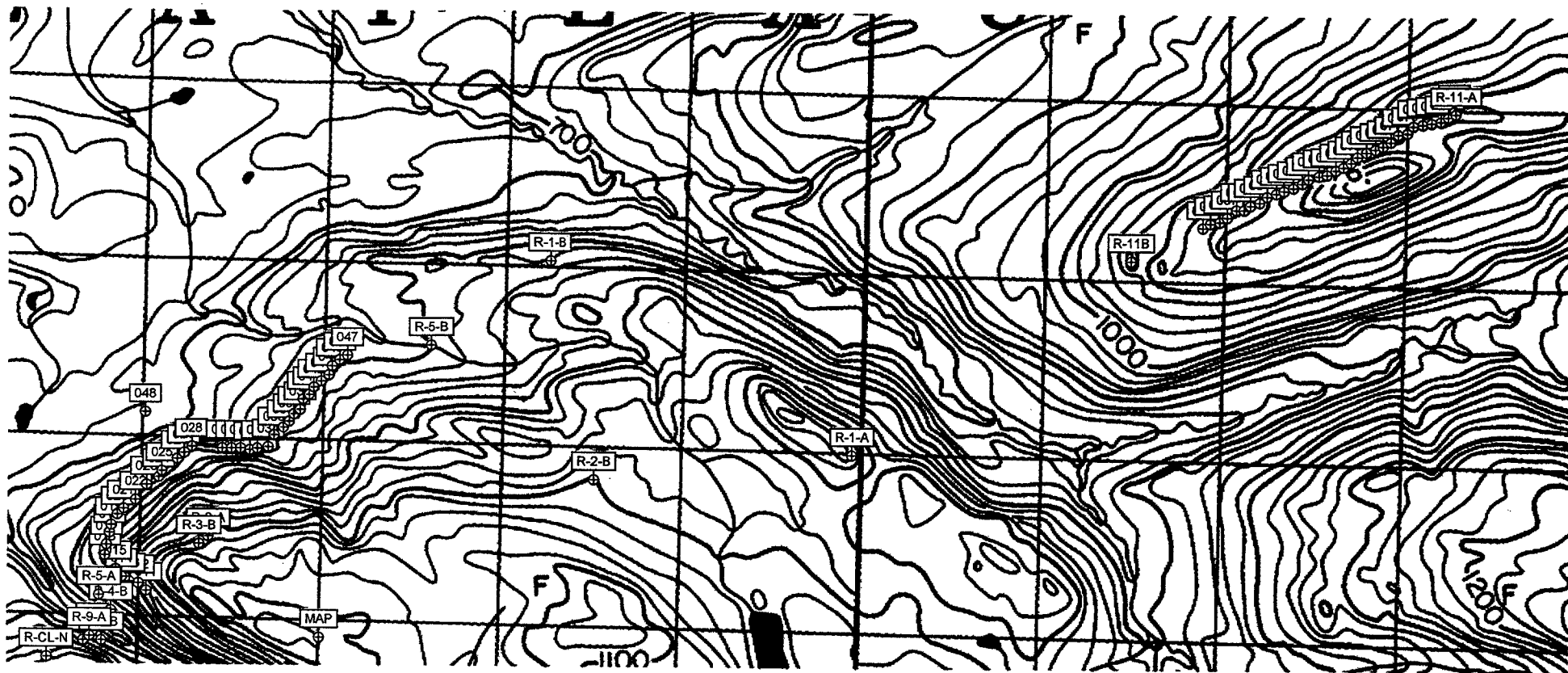
Congdon  
Creek  
Au

Gossans Above R.P.-3 (north side of River)  
& " "R" in 'River'

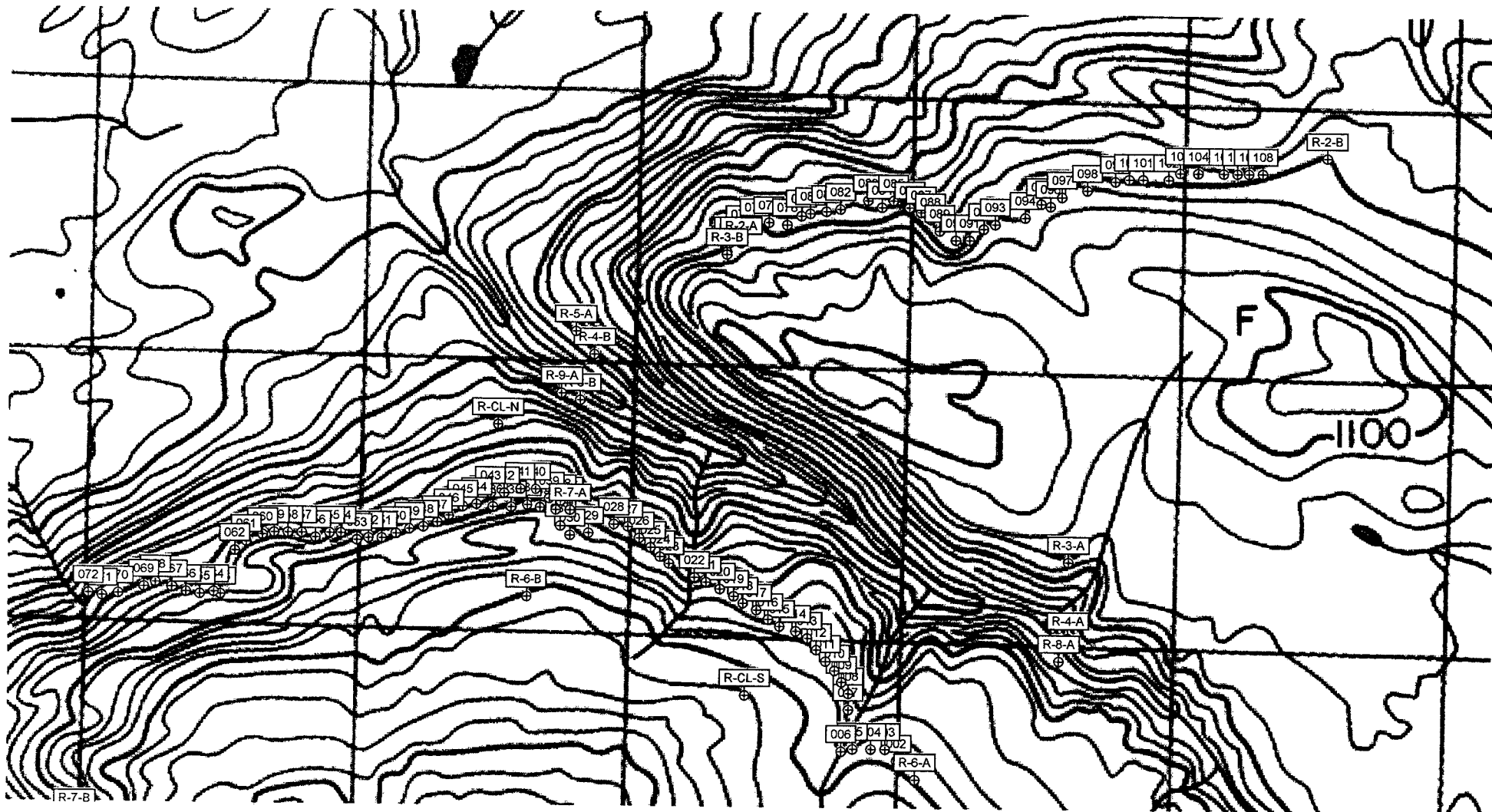




Lines 1, 4 & 9



Lines 5 & 11



Lines 2, 6 & 7  
poor work

Costs associated with this report have been  
approved in the amount of \$ 4000<sup>00</sup>  
for assessment credit under Certificate of  
Work No. amcp567



\_\_\_\_\_  
Mining Recorder  
Mayo Mining District