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**BC Geological Survey Assessment Report 42597**

**Ministry of Energy and Mines**
BC Geological Survey

**Assessment Report Title Page and Summary**

**TYPE OF REPORT [type of survey(s)]:** Prospecting Report

**TOTAL COST:** 18,848.24

**AUTHOR(S):** Lloyd Addie **SIGNATURE(S):** Lloyd Addie

**NOTICE OF WORK PERMIT NUMBER(S)/DATE(S):** **YEAR OF WORK:** 2024

**STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S):** SOW-M 6041466 October 21, 2024

**PROPERTY NAME:** Addie-1

**CLAIM NAME(S) (on which the work was done):** Fault 1108492, RO 1108493, GG 1108902, HMMM 1110966, AU 1098728

**COMMODITIES SOUGHT:** Gold

**MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN:** 093A 306, 093A 276

**MINING DIVISION:** Cariboo **NTS/BCGS:** 093A054

**LATITUDE:** 52 ° 32 ' 40.3 " **LONGITUDE:** 121 ° 22 ' 14.9 " **(at centre of work)**

**OWNER(S):**
1) Lloyd Addie 2)

**MAILING ADDRESS:**
1705 Hall Mines Rd
Nelson, BC V1L 1G8

**OPERATOR(S) [who paid for the work]:**
1) Lloyd Addie 2)

**MAILING ADDRESS:**
1705 Hall Mines Rd
Nelson, BC V1L 1G8

**PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):**
Gold, Nicola Group

**REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS:** assessment report 38121
results from 12 diamond drill holes such as DDH 11 93.2m of 0.151g/t Au (page 17)

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| TYPE OF WORK IN THIS REPORT | EXTENT OF WORK (IN METRIC UNITS) | ON WHICH CLAIMS | PROJECT COSTS APPORTIONED (incl. support) |
|---|---|---|---|
| **GEOLOGICAL** (scale, area) | | | |
| **Ground, mapping** | | | |
| **Photo interpretation** | | | |
| **GEOPHYSICAL** (line-kilometres) | | | |
| Ground | | | |
| **Magnetic** | | | |
| **Electromagnetic** | | | |
| **Induced Polarization** | | | |
| **Radiometric** | | | |
| **Seismic** | | | |
| **Other** | | | |
| **Airborne** | | | |
| **GEOCHEMICAL** (number of samples analysed for...) | | | |
| **Soil** | | | |
| **Silt** | | | |
| **Rock** | 95 rock samples(RX1-T 1A2 1E3) | 1108492,1108493, 1108902,1110966 | 5117.18 |
| **Other** | | 1098728 | |
| **DRILLING** (total metres; number of holes, size) | | | |
| **Core** | | | |
| **Non-core** | | | |
| **RELATED TECHNICAL** | | | |
| **Sampling/assaying** | | | |
| **Petrographic** | | | |
| **Mineralographic** | | | |
| **Metallurgic** | | | |
| **PROSPECTING** (scale, area) | 4.6 km of road | 1108492,1108493, 1108902,1110966 | 4800 |
| **PREPARATORY / PHYSICAL** | | | |
| **Line/grid** (kilometres) | | | |
| **Topographic/Photogrammetric** (scale, area) | | | |
| **Legal surveys** (scale, area) | | | |
| **Road, local access** (kilometres)/trail | | | |
| **Trench** (metres) | | | |
| **Underground dev.** (metres) | | | |
| **Other** | | | |
| | | **TOTAL COST:** | 18,848.24 |

# Prospecting Report on the Addie 1 Property

Cariboo Mining Division, BC Mapsheet:

093A 054

UTM Zone 10, 5822851N, 0610480E

Latitude 52 32'40"  N  Longitude 121 22'14W

By

Lloyd Addie, Owner

January 15, 2025

For Assessment Work Filing on October 21, 2024

Filing SOW-M 6041466

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# 1. Summary

The author of this report is the owner of 7 cell claims located 7km southeast of the multi-million ounce, Spanish Mountain Gold deposit (Minfile No 093A 043). Prospecting was carried out by Lloyd Addie during 4 separate trips in 2024 (four trips occurred within the timeframe of August 10 and October 1, 2023). I drove from Nelson to Kamloops, then to Likely. The first 2 trips I stayed in Williams Lake because I couldn't get a room in Likely. The next 2 trips I was able to get a motel room in Likely. At the end of each trip, I drove the rock samples directly to Act Labs in Kamloops.

Prospecting was based on past assessment reports and being in the same rock type as the multi-million ounce Spanish Mountain deposit (Minfile No 093A 349). I had a tour of the deposit 20 years ago and was told that you can't visually tell what carries gold. I assayed all rocks with pyrite, or quartz veins, or shear zones, or fuchite.

There is approximately 4.6km of new logging roads since the last assessment report was written. I prospected all new roads as well as existing roads near DDH11. I used to own claims in this area and I had optioned them to Dajin Resources. Dajin filed several assessment reports with soil sampling, till sampling and airborne geophysics. Dajin also drilled 12 diamond drill holes but didn't file a report. A different company held the ground in 2019 and filed a compilation report number 381121 that included the entire Dajin drilling report. Dajin's best drill hole was DDH11 which had 93m of 0.151g/t Au (Appendix A).

A total of 95 rock samples were taken and analyzed by Act Labs for multi element + gold in ppb. The only area that had anomalous gold from my 2024 sampling was on the two roadcuts in close proximity to DDH 11. The sheared, folded and veined sediments trend 290 degrees and dip steeply North. Dajin drilled 4 scissor holes in this area but only tested a portion of the anomalous rock. Walking north west along the upper road you go through basalt with no gold (sample 399) followed by sheared sediments with anomalous gold for 40m (sample 401 130ppb) then back into basalt with no gold (sample 329) followed by sediments with gold (sample 332 124ppb). Then 50m lower in elevation after the road switches back (sample 412 207ppb) is anomalous and for the next 80m to (sample 404 71ppb) There were a couple of samples in between that had no gold.

The multi-million ounce Spanish Mountain deposit has gold along multiple rock unit hosts as well as a North/South crosscutting structural corridor of gold bearing quartz veins.

The following is a description of the deposit that is located 7 km Northwest of the Addie 1 cells. Information below was taken from cmscontent.nrs.gov.bc.ca Geology of The Eureka Peak and Spanish Lake Map Areas Paper 1990-3 page 32 note; the CPW claims are part of the Spanish Mountain deposit.

Field relationships also support the interpretation that the gold is primary, although structural controls indicate that the relative timing of mineralization on the CPW and Frasergold properties may differ. On the Frasergold property, the gold is confined to veins within a distinctive stratigraphic interval and structural position concordant with the regional structural trend. Mapping of the vein systems, and the intimate intergrowth of gold with the vein minerals such as calcite (Plate 19) provides strong evidence that gold mineralization accompanied the regional Jurassic metamorphic event. In contrast, both field and laboratory studies suggest that the mineralization on the CPW property post-dates the regional metamorphic and deformational event. The trend of the mineralized zones on the CPW property cross-cuts the regional structural trends and the open space, vuggy textures observed in veins is not compatible with those generated during regional metamorphism. It is likely that the cross-cutting fractures provided a pathway for the migration of hydrothermal solutions and mineralized fluids. The tuffaceous horizons host the strongest carbonate-silica alteration; quartz-carbonate

*Geological Survey Branch*

*Figure 1 - Summary of textural relationships*

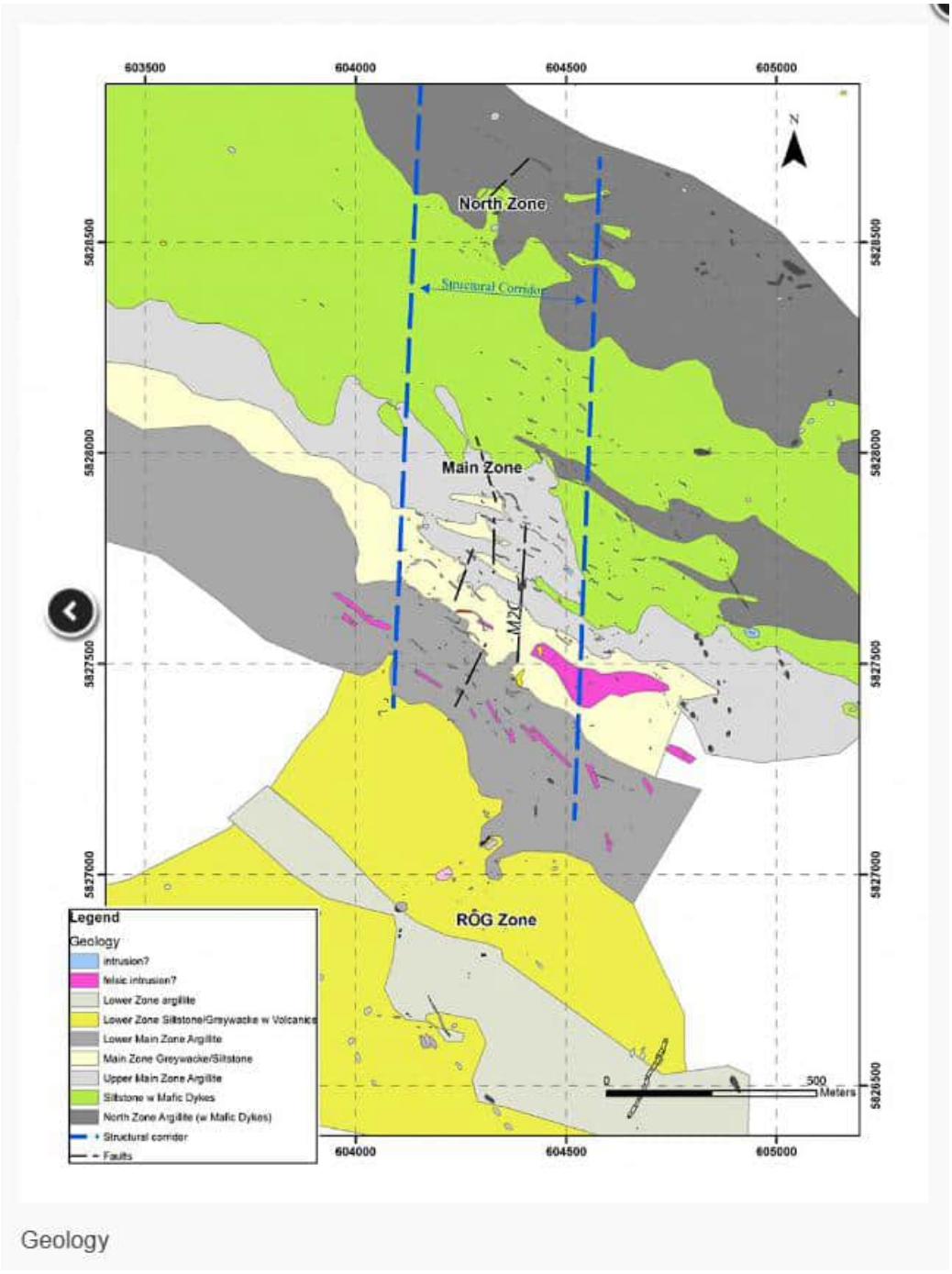
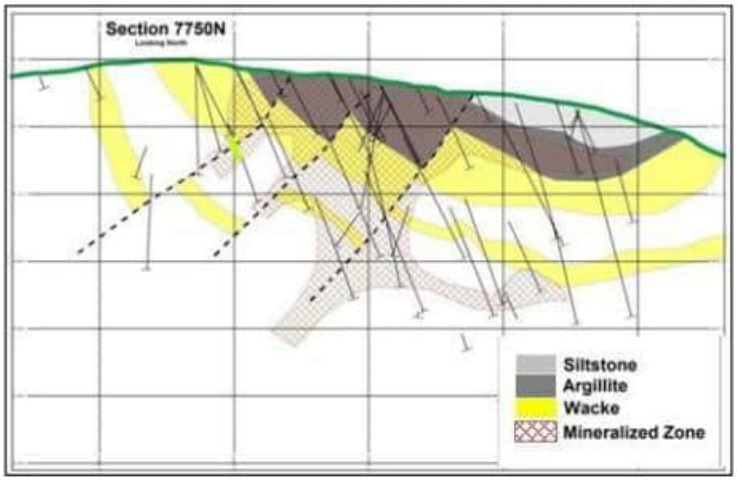



*Figure 2 - Structural Corridors (www.Spanish MountainGold.com/project/geology-overview/)*

Figure 7-3: Fault Zones within the Main Zone with Offset Stratigraphy – Section Looking North




In addition to affecting stratigraphy, these faults may have also acted as permeable conduits for mineralizing fluids, as gold mineralization appears to be concentrated around these structures. At present, the main fault (termed the M2C Fault) extends through the centre of the deposit for approximately 2 km. All of the gold mineralization in argillite horizons (Upper, Lower, and North Zones) occurs within a 400 m wide corridor surrounding this central fault. Units which are less permeable or do not provide a favourable chemical "trap," such as siltstone and greywacke, tend to have narrower zones of gold mineralization near the faults, whereas the argillite sequences have wider spread disseminated gold.

At surface, the M2C Fault is best recognized in the Imperial Metals Pit where visible gold is often associated with quartz veins within the fault. Several other faults have been observed at surface, trending north to northeast. None of these appears to have any strike-slip offset, nor do they separate structural domains.

During the 2007-2008 field season, several faults were noted in areas where drilling was very difficult, particularly in the eastern and northern parts of the Main Zone. It would appear that these areas are associated with sections of stratigraphy that are steeply dipping to the northeast. It is likely that the drill holes were lost because they were drilling down-dip along argillite beds instead of drilling into structures. The lost holes are also a result of drill contractor inexperience; several previously "lost" holes were re-entered or re-drilled with >95% core recovery to the target depth with a more experienced contractor.



*Figure 3 – Ni 43-101- Preliminary Economic Assessment for the Spanish Mountain Project Geological Model (AGP Consulting 2010.*
*https://spanishmountaingold.com/site/assets/files/3236/2010-12-20_spmt-n_ni43-101.pdf*

# 2. Property Description and Location

The property is located 7 km southeast of Spanish Mountain, approximately 12 km northeast of the village of Likely, and 70 km northeast of the City of Williams Lake in south-central British Columbia (Fig. 1). The claims are located in the Cariboo Mining Division, and are centered at 52°32'40" N latitude and 121°22'14" W longitude on map sheet 093A/054. The property UTM Coordinates are 0610480E 5822851N (NAD 83, Zone 10). The property consists of 7 cells. (Fault 1108492, RO 1108493, AD 1108494, GG 1108902, HMMM 1110966, AU 1098728, AU2 1098730)

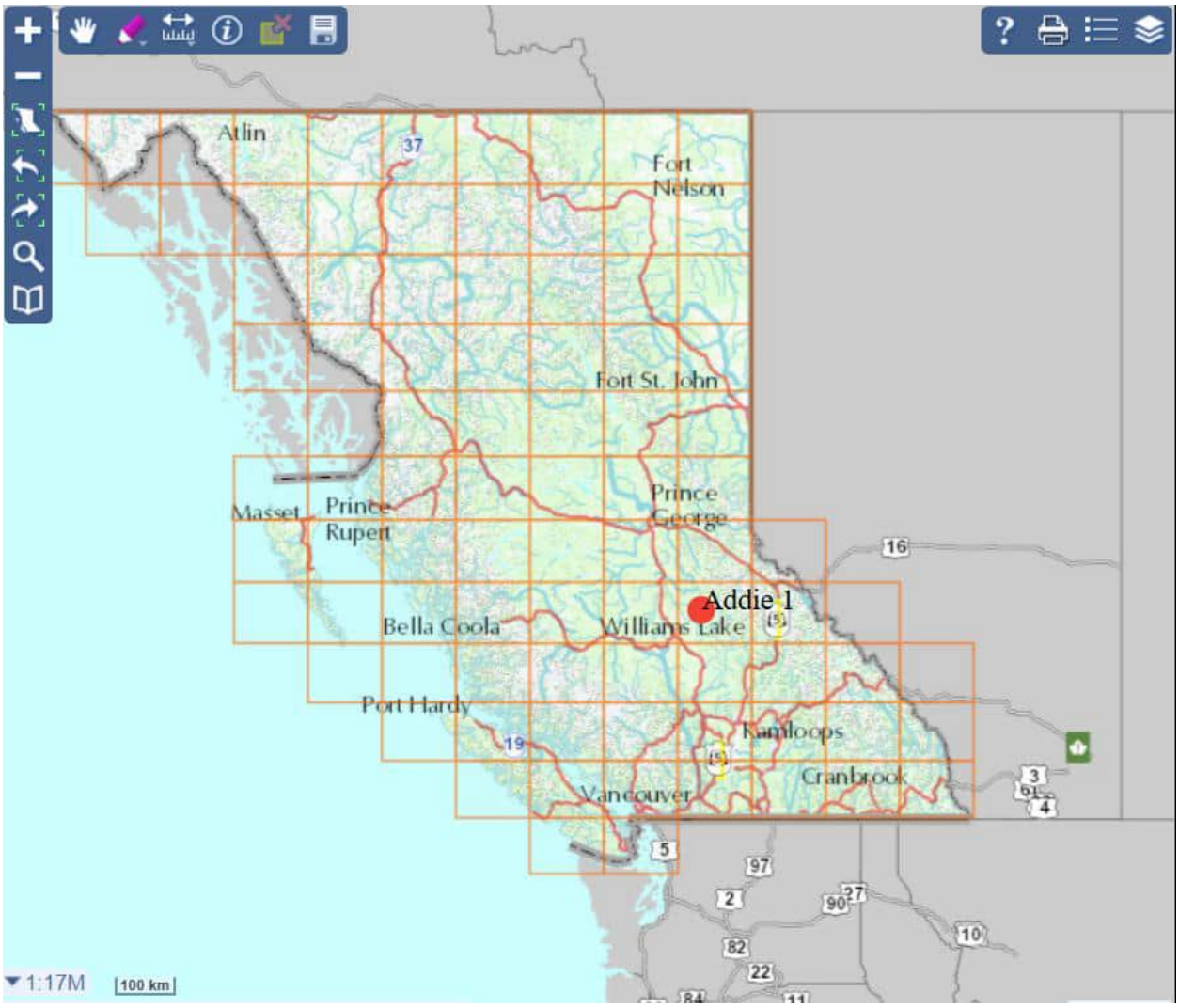



*Figure 4 - Location Map*

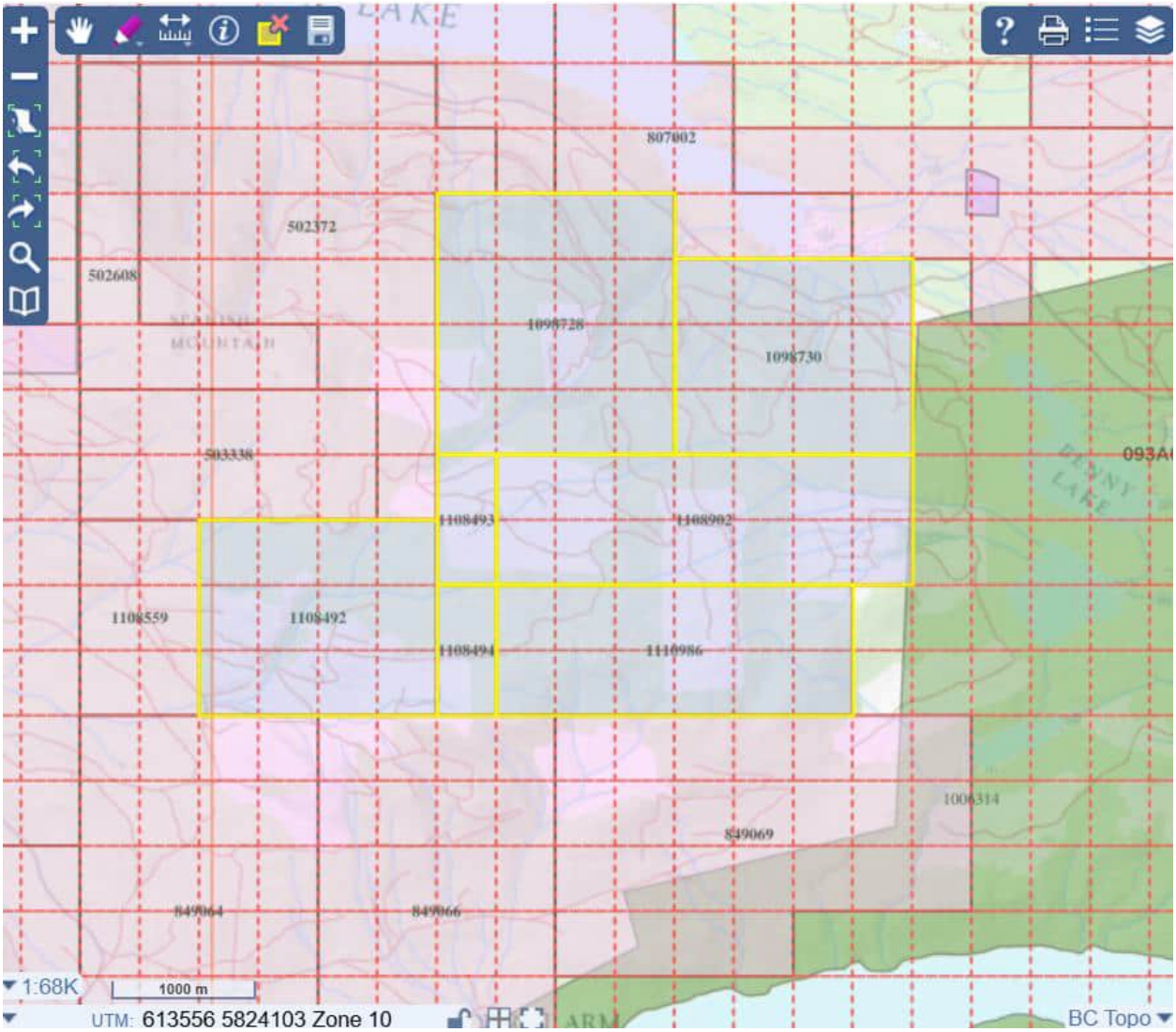



*Figure 5 - Claim Map (claims outlined in yellow)*

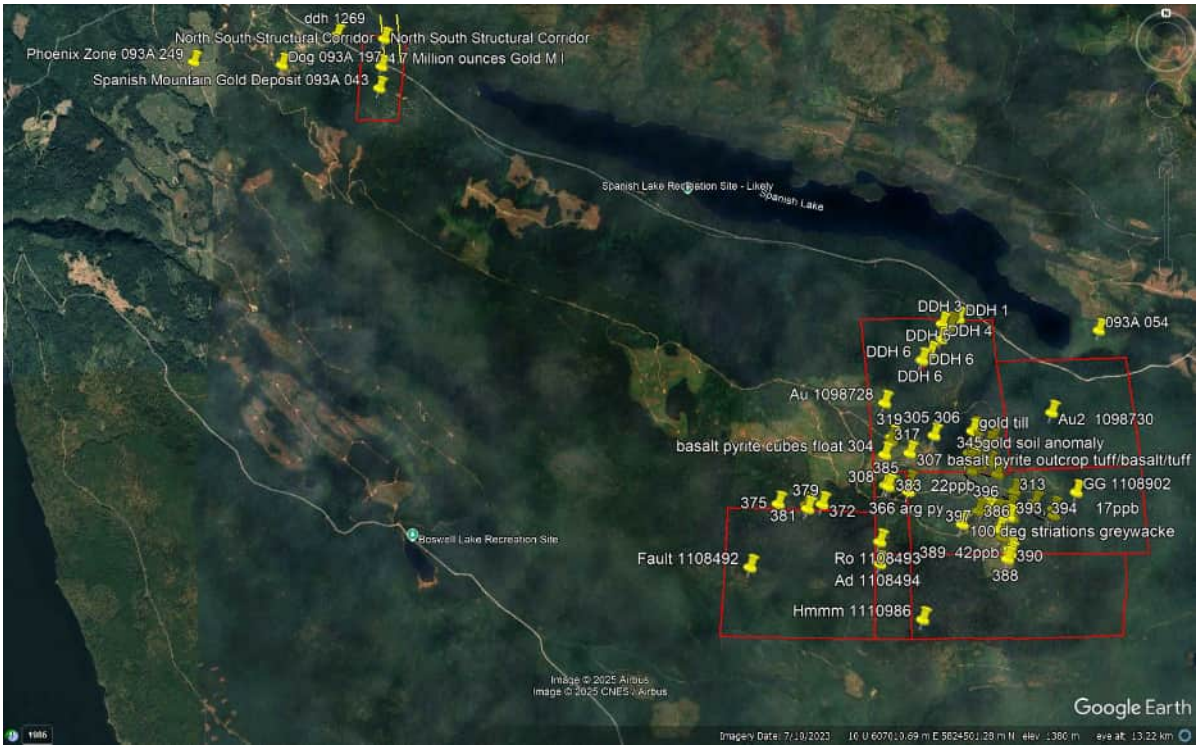



*Figure 6 – Overview map the Spanish Mountain deposit located 7km northwest of the Addie 1 cells*

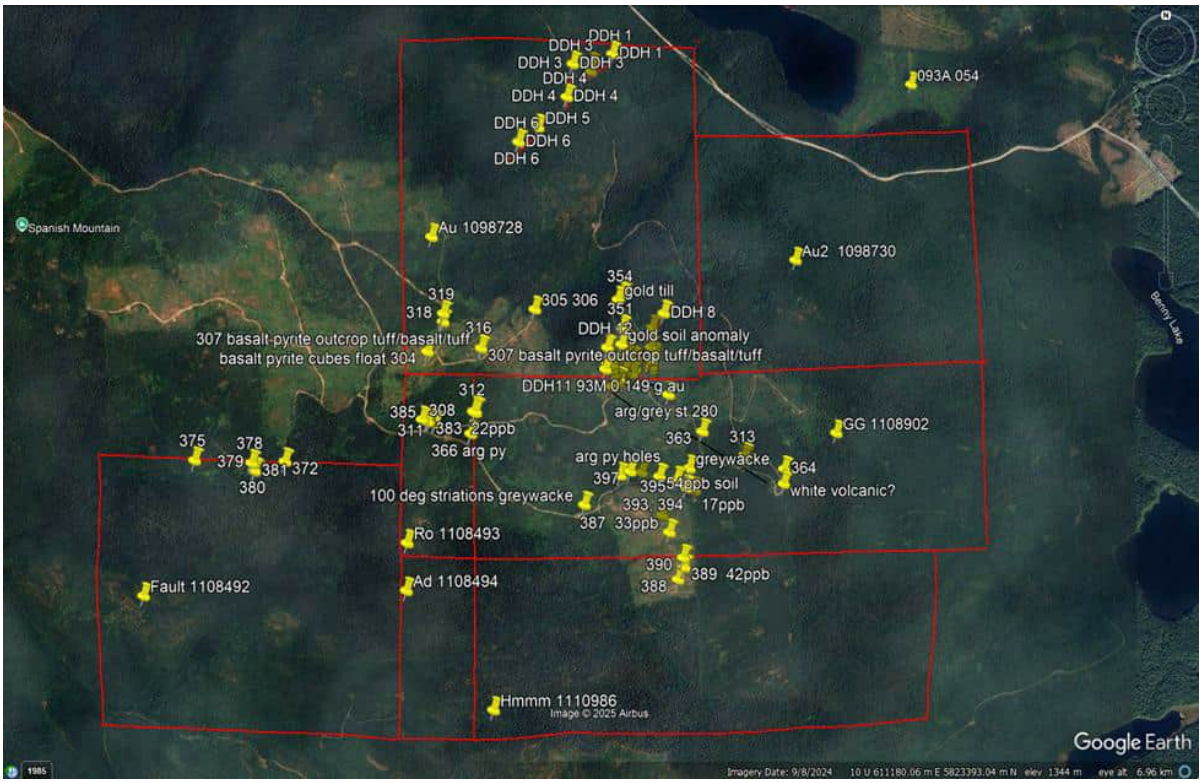



*Figure 7 - All rock sampling locations on Addie 1 cells*

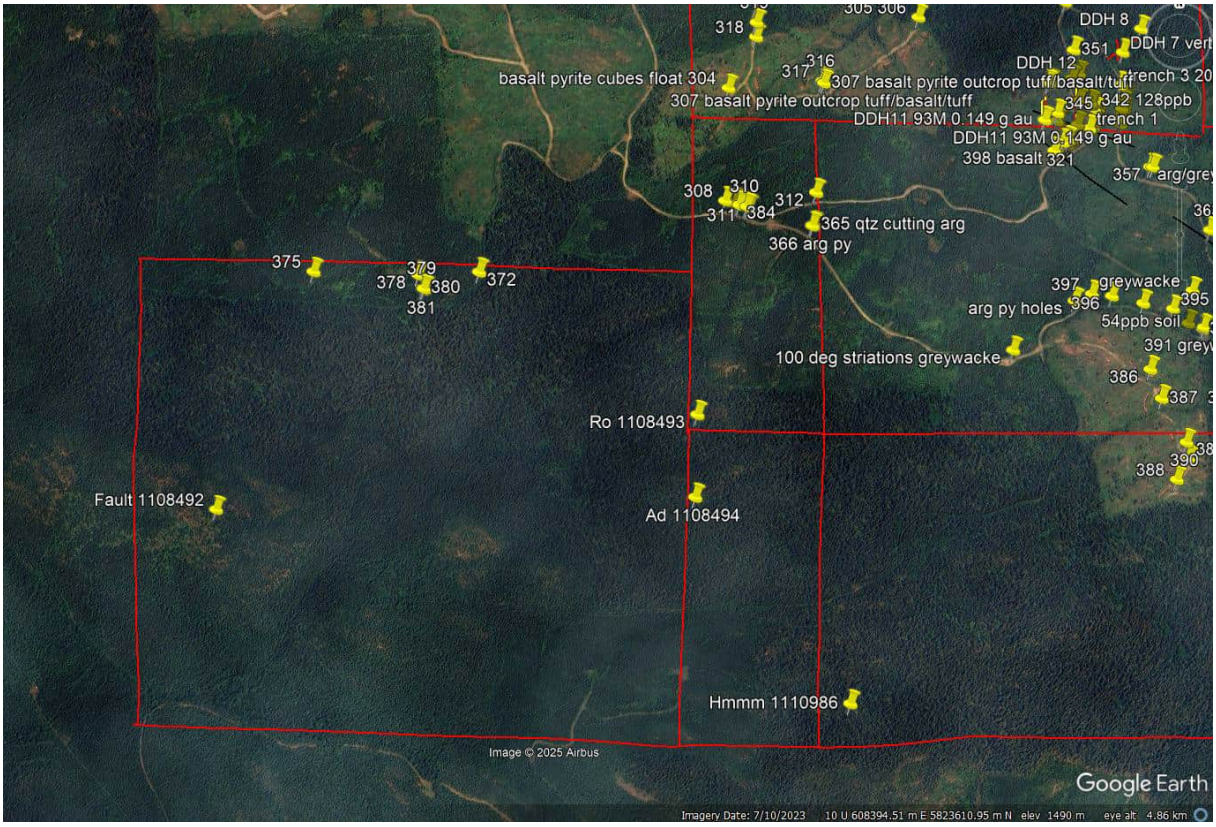



*Figure 8 - Sample locations on Fault cell*

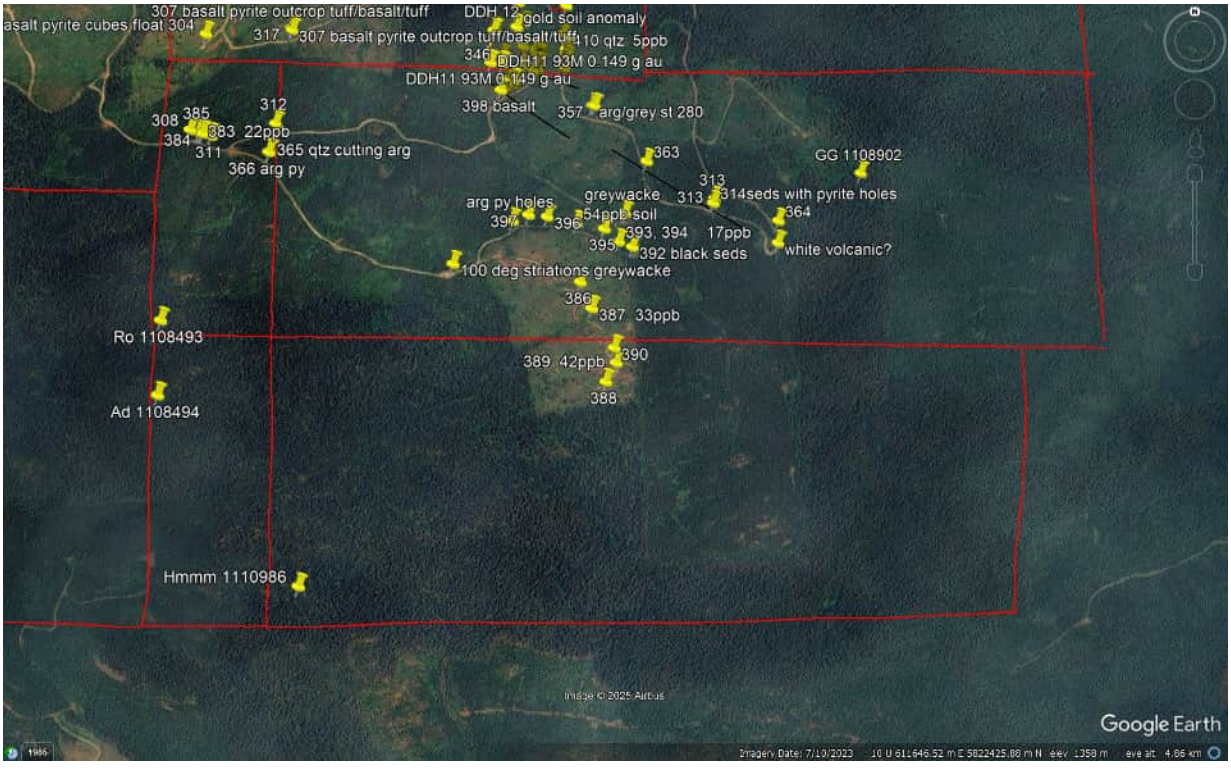



*Figure 9 - Sample locations on the RO, GG and HMMM cell*

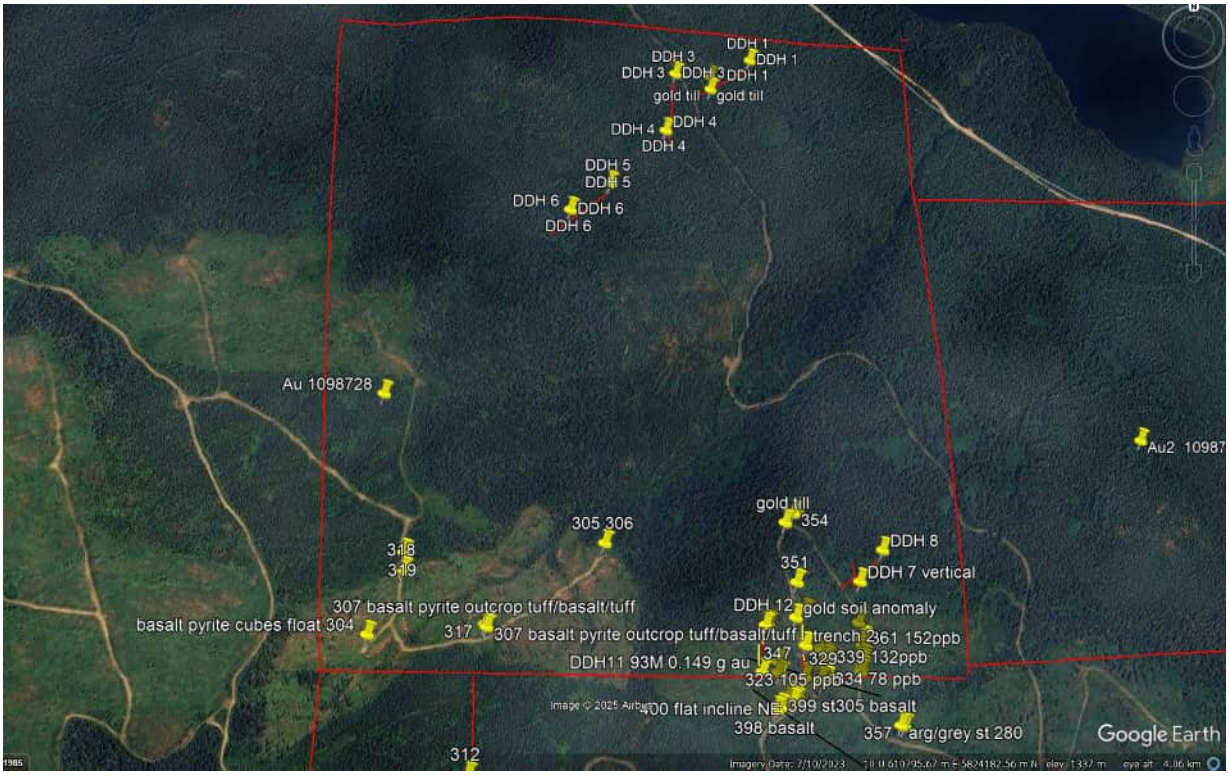



*Figure 10 - Sample locations on the Au cell*

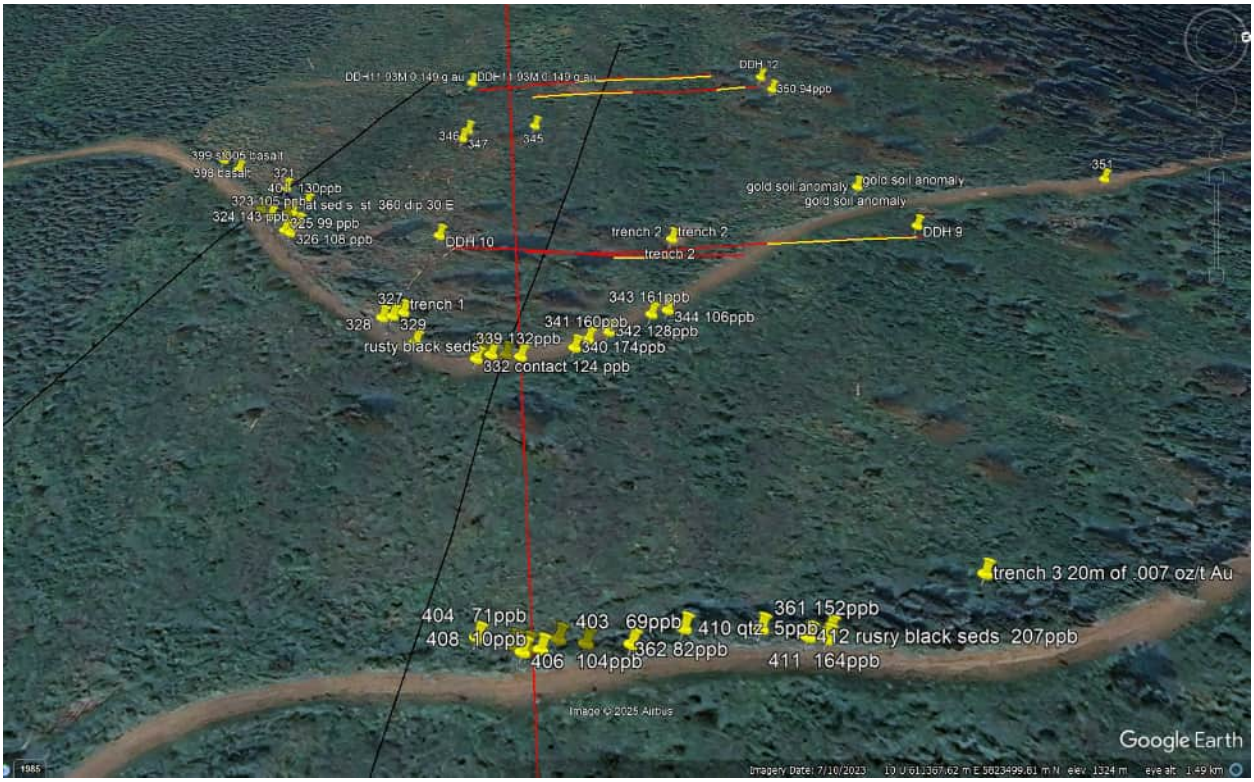



*Figure 11 View looking west along claim line between AU and GG This area is anomalous in gold over wide widths*

# 3. Accessibility, Climate, Local Resources, Infrastructure and Physiography

The Addie 1 property is located approximately 20 km east of Likely BC. Access is via logging roads that run parallel to Spanish Mountain on the south side of the ridge.

Creeks, which drain the property area. Most valley bottoms contain thick glacial cover attributed to Quaternary glaciation. Hillsides support heavy growths of hemlock, balsam and cedar on northern slopes with spruce and pine on higher ridges. Some of the property has been historically logged and contains various states of regenerated growth.

# 4. History

The Cariboo region has a history as one of the most productive placer gold mining districts in British Columbia. This includes rich discoveries of placer gold at Quesnel Forks near Likely, and in bench deposits along Cedar Creek in the Spanish Mountain area in 1921. Placer mining continues to this day 1km west of the Spanish Mountain proposed open pit mine. Several assessment reports are written on this property with the best compilation being #381121 there are 2 Minfile locations as well 093A 306 and 093A 276.

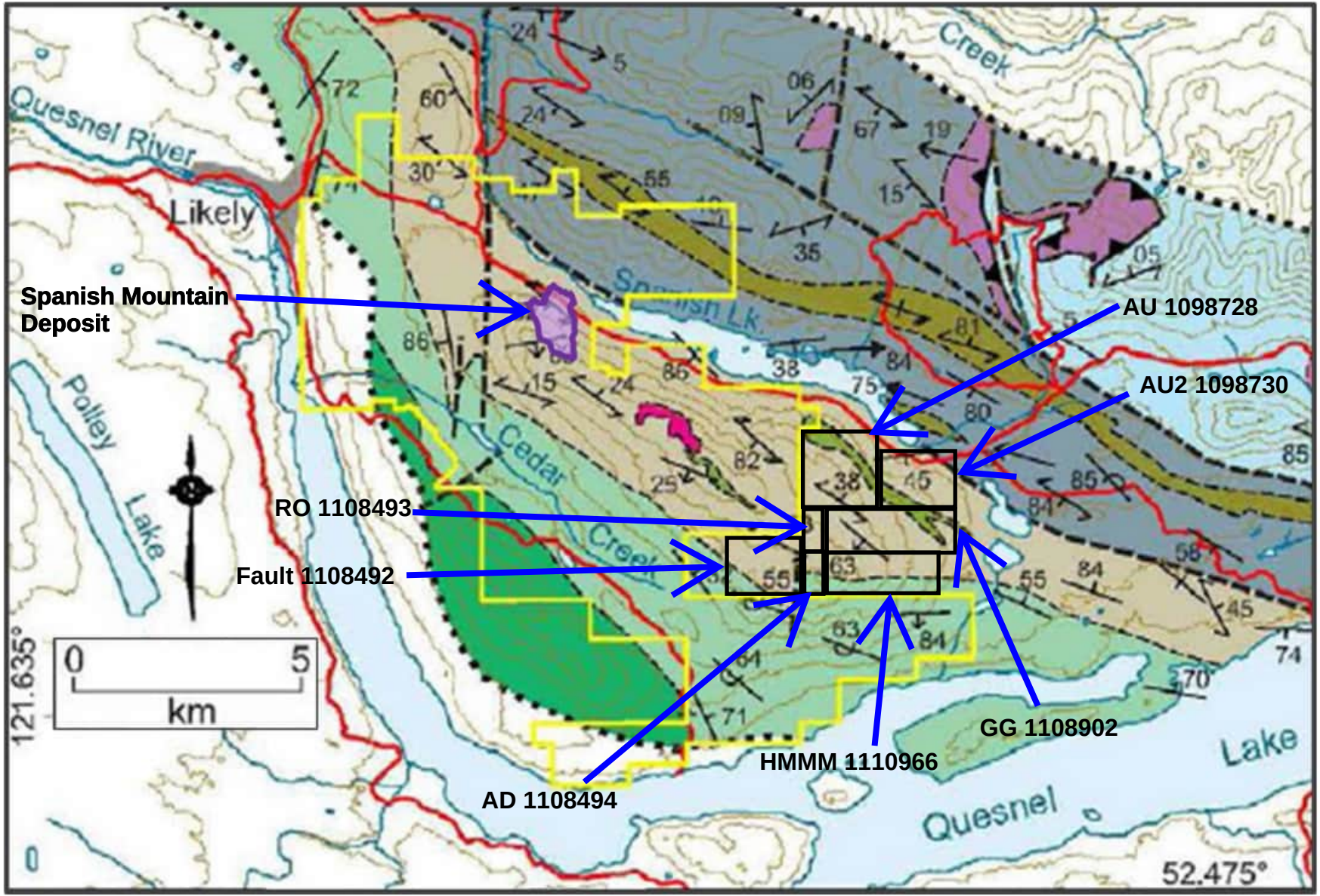
# 5. Geological Setting

## REGIONAL GEOLOGY

The bedrock geology of the region around the Addie 1 claims (Figure 3) was mapped by Bloodgood (1990). Claim 502355 in the southwest part of the Addie 1 property is underlain by Middle to Upper Triassic Nicola Group rocks (banded slates and tuffs; Unit $T_R$b of Bloodgood, 1990). Gold mineralization in the region is known to occur in quartz veins within dark fine-grained rocks often referred to as the black phyllite (Unit $T_R$a of Bloodgood, 1990).

## LOCAL GEOLOGY

The Addie 1 claim group has not been mapped at the property scale although some road cuts and shoreline exposures have been described. Detailed geological mapping on the property was initiated in the fall of 2011. Figure 4 shows the geology of the claims as mapped by Bloodgood (1990). The property is underlain mainly by Upper Triassic to Middle Jurassic metasediments and volcanics with a strong northwest to southeast structural grain. The Spanish Lake Anticline dominates the south flank of the Spanish Lake valley. On the north side of the axis of the anticline the stratigraphy is dominated by tuffaceous phyllite, argillite and subordinate associated sedimentary rock types. On the north side of Spanish Lake the principal rock type is mapped as graphitic pelite. This contrasts with the mixture of volcanic wacke, serpentinite and volcanic debris flow rocks reported on the south side of the axis (Saghezchi, 2010).


Quesnel River
Likely
Polley Lake
Cedar Creek
Quesnel Lake
Spanish Mountain Deposit
AU 1098728
AU2 1098730
RO 1108493
Fault 1108492
GG 1108902
HMMM 1110966
AD 1108494
0
5
km
121.635°
52.475°

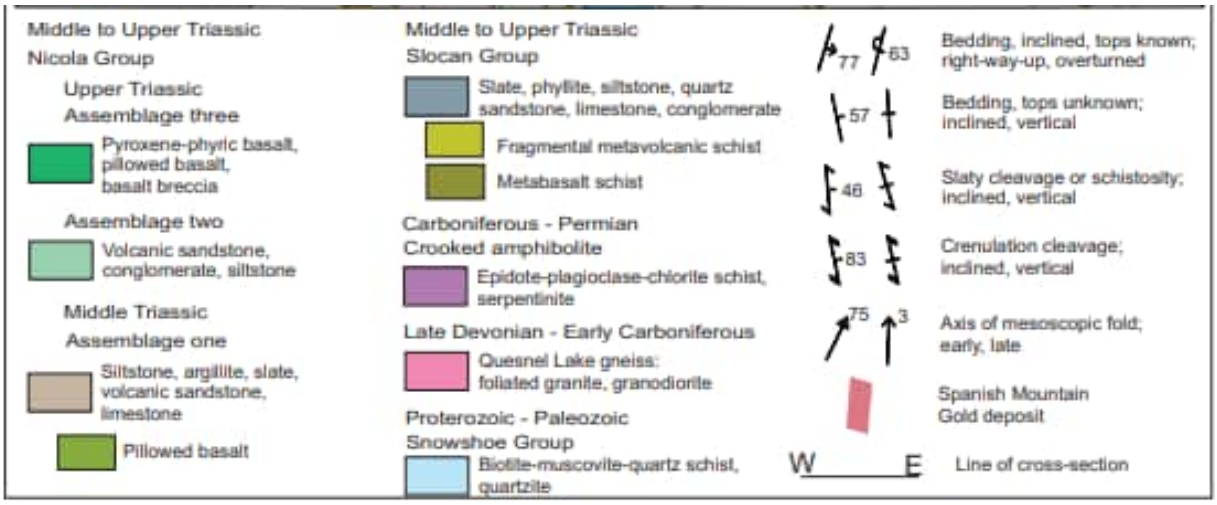



*Figure 12 - Geology of Spanish Lake Map Area. Map based on Schiarizza (2018) British Columbia Geological Survey Paper 2018-1.*

# 6. Sampling Method and Procedures

All 95 samples were collected along road banks from outcrop and occasionally float. Rocks were put in plastic bags, labelled with felt pen, locations numerically flagged and a picture with the GPS was taken with each sample. Notes were taken with strike and dip when available. Samples were driven by me to Act Labs in Kamloops for multi element + gold in ppb analysis. The sample codes were RX1-T 1A2 1E3.

# 7. Sample Results

Of the 95 rock samples, only sample 26 had anomalous gold of 60 ppb or higher in phyllite with quartz stringers. This is similar to the rock type that hosts the Spanish Mountain gold deposit located 8 km to the northwest. See Tables 1 – 4 for a summary of results and Appendix B for full sample results.

*Table 1 - Rock Sample Notes (Trip 1)*

| Sample Number | GPS Coordinates (UTM 10) | Notes | Gold (ppb) |
|---|---|---|---|
| 304 | 10u 0610236 5823525 | Float pyrite crystals in tuff | 7 ppb |
| 305 | 10u 0610806 5823756 | Float pyrite crystals in basalt | <5 ppb |
| 306 | 10u 0610806 5823756 | Float quartz vein with pyrite | <5 ppb |
| 307 | 10u 0610523 5823549 | Basalt +pyrite ST NW dip 45 east | <5 ppb |
| 308 | 10u 0610225 5823178 | Phyllite with quartz stringers | <5 ppb |
| 309 | 10u 0610260 5823175 | Phyllite with quartz stringers | 115 ppb |
| 310 | 10u 0610289 5823163 | Phyllite +pyrite cubes | 9 ppb |
| 311 | 10u 0610294 5823160 | 1cm quartz vein st 10 dip 90 | 7 ppb |
| 312 | 10u 0610496 5823212 | Black seds with pyrite stringer st 280 dip 90 | 30 ppb |
| 313 | 10u 0611964 5823026 | Qtz stringer in greywacke st 40 dip 80nw | <5 ppb |
| 314 | 10u 0611964 5823026 | Seds with pyrite holes | <5 ppb |
| 315 | 10u 0609807 5824002 | Float qtz | <5 ppb |

*Table 2 - Rock Sample Notes (Trip 2)*

| Sample Number | GPS Coordinates (UTM 10) | Notes | Gold (ppb) |
|---|---|---|---|
| 316 | 10u 0610520 5823565 | Silicious tuff | <5 ppb |
| 317 | 10u 0610520 5823565 | Same as 316 but frothy quartz stringer | 8 ppb |
| 318 | 10u 0610318 5823680 | Rusty pyritic tuff | 5 ppb |
| 319 | 10u 0610316 5823722 | Phyllite with quartz stringers | <5 ppb |
| 321 | 10u 0611256 5823394 | Flat lying basalt + iron carbonate blobs | 5 ppb |
| 322 | 10u 0611275 5823297 | Flat lying sheared basalt ?+melanterite | 113 ppb |
| 323 | 10u 0611276 5823392 | Folded sheared basalt? | 105 ppb |
| 324 | 10u 0611283 5823402 | Sheared grey rock tuff? Flat lying | 143 ppb |
| 325 | 10u 0611286 5823398 | Sheared tuff? St 280 dip80n | 99 ppb |
| 326 | 10u 0611288 5823400 | Sheared and folded tuff? | 108 ppb |
| 327 | 10u 0611338 5823436 | Qtz stringers in basalt st 360 dip 90 | 6 ppb |
| 328 | 10u 0611338 5823433 | Basalt + pyrite cubes | 7 ppb |
| 329 | 10u 0611350 5823433 | Intersection of 2 quartz stringers in basalt | <5 ppb |
| 330 | 10u 0611357 5823461 | 3cm quartz vein crossing bedding st 5 dip 80 | 6 ppb |
| 332 | 10u 0611359 5823460 | Contact with black seds st 285 dip90 | 124 ppb |
| 333 | 10u 0611356 5823462 | 3cm qtz vein crossing black seds st 18 dip 80w | 61 ppb |
| 334 | 10u 0611355 5823460 | Folded quartz stringers in black seds st 270 dip 90 plunge 300 nw | 78 ppb |
| 335 | 10u 0603442 5830993 | St 70 dip 80 se | 13 ppb |

*Table 3 - Rock Sample Notes (Trip 3)*

| Sample Number | GPS Coordinates (UTM 10) | Notes | Gold (ppb) |
|---|---|---|---|
| 336 | 10u0611354 5823464 | Shear contact between basalt and black seds St 290 Dip 90 | 7 ppb |
| 337 | 10u0611356 5823464 | Veined + folded seds St 270 Dip 80 N | 116 ppb |
| 338 | 10u0611358 5823468 | Black seds | 57 ppb |
| 339 | 10u0611359 5823472 | Black seds | 132 ppb |
| 340 | 10u0611356 5823487 | Tan seds St 300 Dip 45N | 174 ppb |
| 341 | 10u0611353 5823491 | Black seds | 160 ppb |
| 342 | 10u0611350 5823497 | Flat seds +qtz stringers | 128 ppb |
| 343 | 10u0611342 5823510 | Sheared St 35 Dip 15NW | 161 ppb |
| 344 | 10u0611340 5823515 | Sheared black seds | 106 ppb |
| 345 | 10u0611233 5823480 | Basalt? Pyrite carbonate alteration | 13 ppb |
| 346 | 10u0611232 5823463 | Subcrop fushite+carbonate | <5 ppb |
| 347 | 10u0611237 5823454 | Fushite+carbonate | <5 ppb |
| 348 | 10u0611235 5823454 | Qtz float 50m north of DDH 11 | 8 ppb |
| 349 | 10u0611205 5823497 | Sheared basalt | <5 ppb |
| 350 | 10u0611210 5823571 | Float rusty qtz pod | 94 ppb |
| 351 | 10u0611281 5823672 | Folded quartz in phyllite | <5 ppb |
| 352 | 10u0611279 5823666 | Phyllite with pyrite cubes | 6 ppb |
| 353 | 10u0611278 5823666 | Phyllite + py | 6 ppb |
| 354 | 10u0611276 | Rusty phyllite | 12 ppb |

| Sample Number | GPS Coordinates (UTM 10) | Notes | Gold (ppb) |
|---|---|---|---|
| | 5823841 | | |
| 355 | 10u0611288 5823848 | Black shear St 330 Dip 90 | 18 ppb |
| 357 | 10u0611548 5823333 | Phyllite + pyrite | 5 ppb |
| 361 | 10u0611448 5823538 | Leached phyllite? St40 Dip 60 SE | 152 ppb |
| 362 | 10u0611444 5823506 | Brecciated quartz rich sed St 270 Dp90 | 82 ppb |
| 363 | 10u0611730 5823147 | Tuff with pyrite | <5 ppb |
| 364 | 10u0611187 5822960 | Black sed with qtz stringers | 6 ppb |
| 365 | 10u0610487 5823115 | 3cm qtz vein crossing phyllite | 6 ppb |
| 366 | 10u0610484 5823112 | Phyllite with pyrite | 7 ppb |
| 368 | 10u0611286 5822914 | Phyllite with pyrite | 7 ppb |
| 369 | 10u0609570 5823266 | Phyllite with qtz stringer | |
| 375 | 10u0609018 5822944 | Greywacke with pyrite | 5 ppb |

*Table 4 - Rock Sample Notes (Trip 4)*

| Sample Number | GPS Coordinates (UTM 10) | Notes | Gold (ppb) |
|---|---|---|---|
| 378 | 10u0609329 5822939 | Float black sed +pyrite | 12 ppb |
| 379 | 10u0609346 5822899 | Tuff with pyrite on fractures | 21 ppb |
| 380 | 10u0609344 5822901 | Tuff with pyrite holes | 11 ppb |
| 381 | 10u0609346 5822897 | Tuff with pyrite | 8 ppb |
| 382 | 10u0603434 5831005 | 3cm qtz vein crossing phyllite | 11 ppb |
| 383 | 10u0610260 5823176 | Phyllite with frothy quartz | 22 ppb |
| 384 | 10u0610265 5823172 | shear | 6 ppb |
| 385 | 10u0610253 5823178 | 3cm qtz vein | <5 ppb |
| 386 | 10u0611517 5822715 | Quartz float | <5 ppb |
| 387 | 10u0611557 5822629 | Quartz float in creek | 33 ppb |
| 388 | 10u0611609 5822388 | Brecciated tuff | 5 ppb |
| 389 | 10u0611642 5822451 | Quartz stringer in grey tuff | 42 ppb |
| 390 | 10u0611634 5822500 | Rusty grey tuff | <5 ppb |
| 391 | 10u0611690 5822846 | Greywacke with pyrite | <5 ppb |
| 392 | 10u0611688 5822899 | Black sed with qtz stringer | <5 ppb |
| 393 | 10u0611641 5822875 | 1cm qtz vein in tuff | 9 ppb |
| 394 | 10u0611641 5822875 | Tuff with pyrite along layer | 17 ppb |
| 395 | 10u0611592 5822899 | Rusty tuff | <5 ppb |
| 396 | 10u0611401 5822932 | Black rock with quartz stringers | <5 ppb |

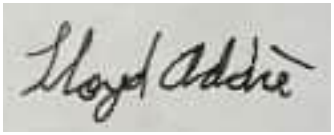
| Sample Number | GPS Coordinates (UTM 10) | Notes | Gold (ppb) |
|---|---|---|---|
| 397 | 10u0611339 5822936 | Black rock | <5 ppb |
| 398 | 10u0611230 5823368 | Basalt with pyrite | <5 ppb |
| 399 | 10u0611231 5823368 | Basalt with pyrite | <5 ppb |
| 400 | 10u0611258 5823392 | Flat seds | <5 ppb |
| 401 | 10u0611270 5823403 | Flat seds | 130 ppb |
| 402 | 10u0611446 5823484 | Flat poker chip shaped seds | 100 ppb |
| 403 | 10u0611447 5823494 | Flat seds | 69 ppb |
| 404 | 10u0611441 5823460 | Sheared seds? St 290 Dip 90 | 71 ppb |
| 405 | 10u0611444 5823468 | Sheared phyllite? | 84 ppb |
| 406 | 10u0611446 5823470 | Sheared phyllite | 104 ppb |
| 407 | 10u061146 5823470 | Beside 406 but more competent nodules | 18 ppb |
| 408 | 10u0611446 5823474 | Tan coloured shear St 280 Dip 40N | 10 ppb |
| 409 | 10u0611444 5823478 | Sampled hard boudins | 26 ppb |
| 410 | 10u0611446 5823523 | 6cm quartz vein | 5 ppb |
| 411 | 10u0611450 5823537 | Black phyllite with geothite | 164 ppb |
| 412 | 10u0611449 5823533 | Black seds with geothite | 207 ppb |

# 8. Interpretation and Conclusions

The only anomalous area of interest is near DDH 11. Sampling of roadcuts show >100ppb Au over wide areas that were not fully tested by drilling. Sample 401 (130ppb) is 80m south of the area tested by drilling and all of the anomalous samples along the lower road such as sample 412 (207ppb) is not tested by drilling at all. In a broad sense the area of interest is 260m from DDH 11 to the lower road, (50m elevation difference) and approximately 200m wide. There is a barren basalt in the middle that could be 40m wide that has to be taken into account. The only reason 100ppb over wide widths is of interest is, the Spanish Mountain gold deposit is in similar rocks 7km to the northwest. Prospecting along strike or down dip should be done to see if gold grades increase.

# 9. Prospector Qualifications

- I have been actively prospecting continuously since 1982 and have been successful at discovering new mineral prospects and at optioning numerous mineral properties and generating significant economic activity.
- In 1982, I attended and completed the basic prospecting course sponsored by the Chamber of Mines of Eastern BC and the BC Ministry of Mines.
- In 1983, I attended and completed the Advanced Prospectors Course sponsored by the BC Ministry of Mines at Cowichan Lake, BC.
- In 1992, I attended the "Petrology for Prospectors" course held in Nelson, BC and sponsored by the Ministry of Energy, Mines & Petroleum Resources and the Chamber of Mines of Eastern BC.
- In 1996, I attended the "Industrial Minerals" course held in Nelson and sponsored by the Ministry of Employment and Investment and the Chamber of Mines of Eastern BC.
- In 1998, I attended the "Gemstone" course held in Nelson and sponsored y the Chamber of Mines of Eastern BC.
- I regularly attend the AME BC Cordilleran Roundup, the Kamloops Exploration Group (KEG) Conference and Minerals South Conference. I have attended many presentations on topics related to mineral exploration and have attended numerous short courses covering various subjects including: Intrusive Hosted Gold, Intrusion Related Gold, Exploration for IOCG Deposits, Exploration for Rare Metals, Tectonomagmatic Controls on Porphyry and Epithermal Mineralization and "Understanding Mineralization Controls: Applied Structural Geology to Exploration and Mining" short course at Roundup 2009.



Lloyd Addie January 2025

# 10. Appendix A – Selected 2011 DDH Intervals with Average Gold Grades

From Assessment Report 381121, page 17

**Table 2. Selected 2011 DDH intervals with average gold grades**

| DDH | | From (m) | To (m) | Interval (m) | Au (g/t) |
|---|---|---|---|---|---|
| AD1-2011-001 | | 4.9 | 26.0 | 21.2 | 0.114 |
| AD1-2011-002 | | 10.0 | 32.0 | 22.0 | 0.108 |
| AD1-2011-005 | | 6.1 | 36.0 | 29.9 | 0.116 |
| AD1-2011-005 | | 46.0 | 52.0 | 6.0 | 0.130 |
| AD1-2011-005 | | 58.0 | 80.0 | 22.0 | 0.107 |
| AD1-2011-006 | | 96.0 | 104.0 | 8.0 | 0.101 |
| AD1-2011-006 | | 114.0 | 118.0 | 4.0 | 0.111 |
| AD1-2011-007 | | 58.0 | 84.0 | 26.0 | 0.104 |
| AD1-2011-007 | | 144.0 | 152.0 | 8.0 | 0.109 |
| AD1-2011-008 | | 28.0 | 34.0 | 6.0 | 0.106 |
| AD1-2011-008 | | 40.0 | 58.0 | 18.0 | 0.101 |
| AD1-2011-008 | | 76.0 | 84.0 | 8.0 | 0.116 |
| AD1-2011-008 | | 158.0 | 190.0 | 32.0 | 0.133 |
| AD1-2011-008 | | 246.0 | 259.1 | 13.1 | 0.112 |
| AD1-2011-009 | | 6.0 | 102.0 | 96.0 | 0.105 |
| AD1-2011-009 | incl | 6.0 | 52.0 | 46.0 | 0.118 |
| AD1-2011-009 | incl | 76.0 | 82.0 | 6.0 | 0.173 |
| AD1-2011-009 | | 148.0 | 158.0 | 10.0 | 0.096 |
| AD1-2011-010 | | 120.0 | 124.0 | 4.0 | 0.099 |
| AD1-2011-010 | | 126.0 | 134.0 | 8.0 | 0.209 |
| AD1-2011-010 | | 140.0 | 142.0 | 2.0 | 0.167 |
| AD1-2011-010 | | 150.0 | 164.0 | 14.0 | 0.097 |
| AD1-2011-011 | | 108.0 | 201.2 | 93.2 | 0.151 |
| AD1-2011-011 | incl | 140.0 | 150.0 | 10.0 | 0.244 |
| AD1-2011-011 | incl | 160.0 | 166.0 | 6.0 | 0.202 |
| AD1-2011-012 | | 20.0 | 48.0 | 28.0 | 0.137 |
| AD1-2011-012 | | 116.0 | 200.0 | 84.0 | 0.116 |
| AD1-2011-012 | incl | 126.0 | 144.0 | 18.0 | 0.169 |

# 11. Appendix B – Assay Results

*Quality Analysis ...* *Innovative Technologies*

**Report No.:** **A24-09448**
**Report Date:** **19-Sep-24**
**Date Submitted:** **13-Aug-24**
**Your Reference:** **Spanish**

**LLoyd Addie**
**1705 Hall Mines Road**
**Nelson BC V1L 1G8**
**Canada**

**ATTN: Lloyd Addie**

# CERTIFICATE OF ANALYSIS

12 Rock samples were submitted for analysis.

| The following analytical package(s) were requested: | | Testing Date: |
|---|---|---|
| 1A2-Kamloops | QOP AA-Au (Au - Fire Assay AA) | 2024-09-12 13:30:35 |
| 1E3-Kamloops | QOP AquaGeo (Aqua Regia ICPOES) | 2024-09-10 11:03:45 |

REPORT **A24-09448**



Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

Values which exceed the upper limit should be assayed for accurate numbers.

Refer to the Scope of Accreditation for information on accredited elements.

SCC Accredited LAB Accrédité CCN TM

LabID: 790

CERTIFIED BY:

Mark Vandergeest
Quality Control Coordinator

**ACTIVATION LABORATORIES LTD.**
9989 Dallas Drive, Kamloops, British Columbia, Canada, V2C 6T4
TELEPHONE +250 573-4484 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Kamloops@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

| Analyte Symbol | Ag | Cd | Cu | Mn | Mo | Ni | Pb | Zn | Al | As | B | Ba | Be | Bi | Ca | Co | Cr | Fe | Ga | Hg | K | La | Mg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit Symbol | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % | ppm | % |
| Lower Limit | 0.2 | 0.5 | 1 | 5 | 1 | 1 | 2 | 2 | 0.01 | 2 | 10 | 10 | 0.5 | 2 | 0.01 | 1 | 1 | 0.01 | 10 | 1 | 0.01 | 10 | 0.01 |
| Method Code | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP |
| 302 | < 0.2 | < 0.5 | 2 | 241 | 5 | 6 | 7 | 9 | 0.04 | < 2 | 33 | < 10 | < 0.5 | < 2 | 0.08 | 1 | 55 | 1.01 | < 10 | < 1 | < 0.01 | < 10 | 0.03 |
| 303 | < 0.2 | < 0.5 | 12 | 676 | < 1 | 25 | 7 | 14 | 0.34 | < 2 | 26 | 32 | < 0.5 | < 2 | 2.11 | 5 | 27 | 2.53 | < 10 | < 1 | 0.10 | < 10 | 1.05 |
| 304 | < 0.2 | < 0.5 | 39 | 891 | 4 | 20 | 16 | 70 | 1.78 | 33 | 20 | 12 | < 0.5 | < 2 | 1.01 | 15 | 7 | 5.40 | < 10 | < 1 | 0.28 | < 10 | 0.76 |
| 305 | < 0.2 | < 0.5 | 122 | 1220 | < 1 | 156 | 5 | 65 | 1.15 | 59 | 15 | 83 | < 0.5 | < 2 | 4.12 | 28 | 170 | 5.96 | < 10 | < 1 | 0.02 | < 10 | 2.70 |
| 306 | < 0.2 | < 0.5 | 96 | 993 | < 1 | 142 | 4 | 49 | 0.74 | 32 | 14 | 37 | < 0.5 | < 2 | 5.28 | 27 | 111 | 6.34 | < 10 | < 1 | 0.02 | < 10 | 3.50 |
| 307 | < 0.2 | < 0.5 | 29 | 661 | < 1 | 7 | 3 | 69 | 1.04 | 13 | 20 | 13 | < 0.5 | < 2 | 2.06 | 9 | 3 | 4.48 | < 10 | < 1 | 0.26 | < 10 | 0.32 |
| 308 | 0.2 | < 0.5 | 73 | 280 | 7 | 31 | 5 | 75 | 1.15 | 3 | 27 | 90 | < 0.5 | < 2 | 0.18 | 4 | 30 | 2.23 | < 10 | < 1 | 0.25 | 15 | 0.53 |
| 309 | 0.6 | < 0.5 | 13 | 89 | 4 | 21 | 7 | 166 | 0.67 | 12 | 28 | 103 | < 0.5 | < 2 | 0.03 | 1 | 21 | 1.35 | < 10 | < 1 | 0.30 | 15 | 0.07 |
| 310 | 0.2 | 0.6 | 50 | 509 | < 1 | 54 | 13 | 189 | 1.59 | 8 | < 10 | 112 | < 0.5 | < 2 | 0.07 | 6 | 26 | 2.61 | < 10 | < 1 | 0.32 | 21 | 0.66 |
| 311 | 0.4 | < 0.5 | 30 | 425 | 2 | 22 | 10 | 74 | 0.45 | 8 | < 10 | 55 | < 0.5 | < 2 | 0.02 | 3 | 26 | 1.44 | < 10 | < 1 | 0.14 | < 10 | 0.10 |
| 312 | 0.5 | < 0.5 | 86 | 340 | 60 | 16 | 16 | 92 | 2.68 | 21 | < 10 | < 10 | < 0.5 | < 2 | 0.07 | 12 | 24 | 7.79 | < 10 | 2 | 0.38 | < 10 | 2.00 |
| 314 | < 0.2 | < 0.5 | 20 | 128 | 8 | 14 | 6 | 77 | 1.44 | 22 | < 10 | 165 | < 0.5 | < 2 | 0.06 | 3 | 18 | 2.95 | < 10 | < 1 | 0.22 | 12 | 0.68 |

| Analyte Symbol | Na | P | S | Sb | Sc | Sr | Ti | Th | Te | Tl | U | V | W | Y | Zr | Au |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit Symbol | % | % | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb |
| Lower Limit | 0.001 | 0.001 | 0.01 | 2 | 1 | 1 | 0.01 | 20 | 1 | 2 | 10 | 1 | 10 | 1 | 1 | 5 |
| Method Code | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | FA-AA |
| 302 | 0.012 | 0.007 | < 0.01 | < 2 | < 1 | 6 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 2 | < 10 | < 1 | < 1 | < 5 |
| 303 | 0.022 | 0.017 | 0.02 | < 2 | 6 | 282 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 16 | < 10 | 2 | 1 | < 5 |
| 304 | 0.046 | 0.093 | 2.52 | 2 | 5 | 40 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 25 | < 10 | 5 | 6 | 7 |
| 305 | 0.091 | 0.077 | 0.53 | 2 | 24 | 100 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 88 | < 10 | 5 | 5 | < 5 |
| 306 | 0.076 | 0.088 | 1.35 | 2 | 19 | 114 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 69 | < 10 | 6 | 5 | < 5 |
| 307 | 0.065 | 0.061 | 1.93 | < 2 | 4 | 52 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 11 | < 10 | 6 | 3 | < 5 |
| 308 | 0.031 | 0.026 | 0.02 | < 2 | 2 | 19 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 14 | < 10 | 4 | 6 | < 5 |
| 309 | 0.033 | 0.012 | 0.02 | < 2 | 2 | 4 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 27 | < 10 | 4 | 6 | 115 |
| 310 | 0.044 | 0.045 | 0.01 | < 2 | 2 | 8 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 20 | < 10 | 4 | 4 | 9 |
| 311 | 0.024 | 0.011 | 0.02 | < 2 | < 1 | 2 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 8 | < 10 | 1 | 3 | 7 |
| 312 | 0.029 | 0.089 | 2.84 | 3 | 5 | 6 | 0.01 | < 20 | < 1 | < 2 | < 10 | 72 | < 10 | 3 | 12 | 30 |
| 314 | 0.082 | 0.031 | 0.05 | < 2 | 3 | 11 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 92 | < 10 | 2 | 7 | < 5 |

| Analyte Symbol | Ag | Cd | Cu | Mn | Mo | Ni | Pb | Zn | Al | As | B | Ba | Be | Bi | Ca | Co | Cr | Fe | Ga | Hg | K | La | Mg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit Symbol | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % | ppm | % |
| Lower Limit | 0.2 | 0.5 | 1 | 5 | 1 | 1 | 2 | 2 | 0.01 | 2 | 10 | 10 | 0.5 | 2 | 0.01 | 1 | 1 | 0.01 | 10 | 1 | 0.01 | 10 | 0.01 |
| Method Code | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP |
| OREAS 904 (Aqua Regia) Meas | 0.2 | < 0.5 | 6080 | 425 | 2 | 33 | 10 | 23 | 1.79 | 87 | | 69 | 6.5 | < 2 | 0.04 | 85 | 22 | 6.32 | < 10 | | 0.79 | 36 | 0.19 |
| OREAS 904 (Aqua Regia) Cert | 0.366 | 0.0580 | 6300 | 410 | 2.02 | 36.6 | 8.49 | 22.4 | 1.25 | 91.0 | | 68.0 | 6.54 | 3.74 | 0.0404 | 82.0 | 17.5 | 6.40 | 3.40 | | 0.603 | 33.9 | 0.143 |
| OREAS 921 (AQUA REGIA) Meas | < 0.2 | < 0.5 | 271 | | | | 24 | 119 | 2.39 | 3 | | | | | 0.39 | 14 | | 3.66 | | | | | 1.06 |
| OREAS 921 (AQUA REGIA) Cert | 0.164 | 0.085 | 278 | | | | 26.0000 | 124 | 2.48 | 4.46 | | | | | 0.322 | 15.5 | | 3.83 | | | | | 1.15 |
| OREAS 921 (AQUA REGIA) Meas | < 0.2 | < 0.5 | 304 | | | | 25 | 129 | 2.63 | 3 | | | | | 0.41 | 15 | | 4.10 | | | | | 1.18 |
| OREAS 921 (AQUA REGIA) Cert | 0.164 | 0.085 | 278 | | | | 26.0000 | 124 | 2.48 | 4.46 | | | | | 0.322 | 15.5 | | 3.83 | | | | | 1.15 |
| OREAS 924 (AQUA REGIA) Meas | 1.7 | < 0.5 | 4840 | | | | 83 | 338 | 2.52 | 6 | | | | | 0.38 | 20 | | 5.55 | | | | | 1.33 |
| OREAS 924 (AQUA REGIA) Cert | 1.92 | 0.46 | 5160.000 | | | | 92 | 370 | 2.76 | 7.80 | | | | | 0.318 | 22.7 | | 5.88 | | | | | 1.45 |
| OREAS 924 (AQUA REGIA) Meas | 1.7 | < 0.5 | 5400 | | | | 90 | 366 | 2.68 | 5 | | | | | 0.38 | 21 | | 6.16 | | | | | 1.47 |
| OREAS 924 (AQUA REGIA) Cert | 1.92 | 0.46 | 5160.000 | | | | 92 | 370 | 2.76 | 7.80 | | | | | 0.318 | 22.7 | | 5.88 | | | | | 1.45 |
| OREAS 520 (Aqua Regia) Meas | | | 2580 | 1780 | 48 | 57 | 7 | 16 | 1.32 | 111 | | | < 0.5 | < 2 | 3.00 | 150 | 28 | 13.3 | 10 | | 0.41 | 56 | 0.98 |
| OREAS 520 (Aqua Regia) Cert | | | 2960 | 2280 | 62.0 | 73.0 | 5.22 | 20.7 | 1.56 | 152 | | | 0.540 | 2.90 | 3.84 | 196 | 37.4 | 15.74 | 13.7 | | 0.506 | 83.0 | 1.14 |
| OREAS 907 (Aqua Regia) Meas | 1.3 | 0.6 | 6040 | 323 | 4 | 7 | 33 | 140 | 1.14 | 31 | | 209 | 0.8 | 12 | 0.27 | 43 | 8 | 7.65 | 10 | | 0.31 | 32 | 0.22 |
| OREAS 907 (Aqua Regia) Cert | 1.30 | 0.540 | 6370 | 330 | 5.64 | 4.74 | 34.1 | 139 | 0.945 | 37.0 | | 225 | 0.870 | 22.3 | 0.280 | 43.7 | 8.59 | 8.18 | 14.7 | | 0.286 | 36.1 | 0.221 |
| OREAS 907 (Aqua Regia) Meas | 1.2 | 0.6 | 6150 | 322 | 4 | 8 | 34 | 138 | 1.15 | 30 | | 213 | 0.9 | 16 | 0.27 | 42 | 7 | 7.86 | 10 | | 0.31 | 33 | 0.22 |
| OREAS 907 (Aqua Regia) Cert | 1.30 | 0.540 | 6370 | 330 | 5.64 | 4.74 | 34.1 | 139 | 0.945 | 37.0 | | 225 | 0.870 | 22.3 | 0.280 | 43.7 | 8.59 | 8.18 | 14.7 | | 0.286 | 36.1 | 0.221 |
| OREAS 45f (Aqua Regia) Meas | | | 325 | 160 | < 1 | 204 | 10 | 24 | 6.65 | | | 128 | 0.9 | < 2 | 0.07 | 36 | 314 | 11.9 | 20 | < 1 | 0.10 | 10 | 0.17 |
| OREAS 45f (Aqua Regia) Cert | | | 336 | 150 | 1.19 | 192 | 12.4 | 22.2 | 4.81 | | | 158 | 0.980 | 0.170 | 0.0750 | 39.2 | 341 | 13.7 | 20.3 | 0.0310 | 0.0820 | 10.7 | 0.152 |
| OREAS 45f (Aqua Regia) Meas | | | 352 | 172 | < 1 | 220 | 11 | 25 | 7.13 | | | 139 | 1.0 | < 2 | 0.08 | 38 | 334 | 13.1 | 20 | 2 | 0.11 | 12 | 0.18 |
| OREAS 45f (Aqua Regia) Cert | | | 336 | 150 | 1.19 | 192 | 12.4 | 22.2 | 4.81 | | | 158 | 0.980 | 0.170 | 0.0750 | 39.2 | 341 | 13.7 | 20.3 | 0.0310 | 0.0820 | 10.7 | 0.152 |
| OREAS 239 (Fire Assay) Meas | | | | | | | | | | | | | | | | | | | | | | | |
| OREAS 239 (Fire Assay) Cert | | | | | | | | | | | | | | | | | | | | | | | |
| OREAS 263 (Aqua Regia) Meas | < 0.2 | < 0.5 | 85 | 468 | < 1 | 66 | 32 | 123 | 1.69 | 25 | | 161 | 1.0 | < 2 | 0.98 | 29 | 51 | 3.51 | < 10 | < 1 | 0.33 | | 0.56 |
| OREAS 263 | 0.285 | 0.270 | 87.0 | 490 | 0.570 | 72.0 | 34.0 | 127 | 1.29 | 30.8 | | 175 | 1.22 | 0.570 | 1.03 | 31.0 | 48.0 | 3.68 | 4.92 | 0.170 | 0.288 | | 0.593 |

| Analyte Symbol | Ag | Cd | Cu | Mn | Mo | Ni | Pb | Zn | Al | As | B | Ba | Be | Bi | Ca | Co | Cr | Fe | Ga | Hg | K | La | Mg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit Symbol | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % | ppm | % |
| Lower Limit | 0.2 | 0.5 | 1 | 5 | 1 | 1 | 2 | 2 | 0.01 | 2 | 10 | 10 | 0.5 | 2 | 0.01 | 1 | 1 | 0.01 | 10 | 1 | 0.01 | 10 | 0.01 |
| Method Code | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP |
| (Aqua Regia) Cert | | | | | | | | | | | | | | | | | | | | | | | |
| OREAS 263 (Aqua Regia) Meas | 0.2 | < 0.5 | 93 | 526 | < 1 | 71 | 35 | 133 | 1.89 | 29 | | 178 | 1.2 | < 2 | 1.09 | 32 | 57 | 3.95 | < 10 | < 1 | 0.37 | | 0.63 |
| OREAS 263 (Aqua Regia) Cert | 0.285 | 0.270 | 87.0 | 490 | 0.570 | 72.0 | 34.0 | 127 | 1.29 | 30.8 | | 175 | 1.22 | 0.570 | 1.03 | 31.0 | 48.0 | 3.68 | 4.92 | 0.170 | 0.288 | | 0.593 |
| Oreas E1336 (Fire Assay) Meas | | | | | | | | | | | | | | | | | | | | | | | |
| Oreas E1336 (Fire Assay) Cert | | | | | | | | | | | | | | | | | | | | | | | |
| 306 Orig | < 0.2 | < 0.5 | 97 | 990 | < 1 | 142 | 3 | 49 | 0.74 | 32 | 13 | 35 | < 0.5 | < 2 | 5.24 | 27 | 110 | 6.37 | < 10 | < 1 | 0.02 | < 10 | 3.51 |
| 306 Dup | < 0.2 | < 0.5 | 96 | 997 | < 1 | 142 | 4 | 49 | 0.75 | 33 | 15 | 40 | < 0.5 | < 2 | 5.32 | 27 | 112 | 6.30 | < 10 | < 1 | 0.02 | < 10 | 3.49 |
| 307 Orig | | | | | | | | | | | | | | | | | | | | | | | |
| 307 Dup | | | | | | | | | | | | | | | | | | | | | | | |
| 314 Orig | | | | | | | | | | | | | | | | | | | | | | | |
| 314 Dup | | | | | | | | | | | | | | | | | | | | | | | |
| Method Blank | < 0.2 | < 0.5 | < 1 | < 5 | < 1 | < 1 | < 2 | < 2 | < 0.01 | < 2 | 38 | < 10 | < 0.5 | < 2 | < 0.01 | < 1 | < 1 | < 0.01 | < 10 | < 1 | < 0.01 | < 10 | < 0.01 |
| Method Blank | < 0.2 | < 0.5 | < 1 | < 5 | < 1 | < 1 | < 2 | < 2 | < 0.01 | < 2 | < 10 | < 10 | < 0.5 | < 2 | < 0.01 | < 1 | < 1 | < 0.01 | < 10 | < 1 | < 0.01 | < 10 | < 0.01 |
| Method Blank | < 0.2 | < 0.5 | < 1 | < 5 | < 1 | < 1 | < 2 | < 2 | < 0.01 | < 2 | < 10 | < 10 | < 0.5 | < 2 | < 0.01 | < 1 | < 1 | < 0.01 | < 10 | < 1 | < 0.01 | < 10 | < 0.01 |
| Method Blank | | | | | | | | | | | | | | | | | | | | | | | |

| Analyte Symbol | Na | P | S | Sb | Sc | Sr | Ti | Th | Te | Tl | U | V | W | Y | Zr | Au |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit Symbol | % | % | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb |
| Lower Limit | 0.001 | 0.001 | 0.01 | 2 | 1 | 1 | 0.01 | 20 | 1 | 2 | 10 | 1 | 10 | 1 | 1 | 5 |
| Method Code | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | FA-AA |
| OREAS 904 (Aqua Regia) Meas | | 0.102 | 0.04 | 3 | 4 | 18 | | < 20 | | < 2 | < 10 | 25 | | 17 | | |
| OREAS 904 (Aqua Regia) Cert | | 0.0950 | 0.0340 | 0.780 | 3.83 | 16.5 | | 7.56 | | 0.150 | 5.20 | 21.7 | | 17.2 | | |
| OREAS 921 (AQUA REGIA) Meas | | | 0.07 | < 2 | | | | | | | | | | | | |
| OREAS 921 (AQUA REGIA) Cert | | | 0.068 | 0.61 | | | | | | | | | | | | |
| OREAS 921 (AQUA REGIA) Meas | | | 0.07 | < 2 | | | | | | | | | | | | |
| OREAS 921 (AQUA REGIA) Cert | | | 0.068 | 0.61 | | | | | | | | | | | | |
| OREAS 924 (AQUA REGIA) Meas | | | 0.79 | < 2 | | | | | | | | | | | | |
| OREAS 924 (AQUA REGIA) Cert | | | 0.810 | 0.60 | | | | | | | | | | | | |
| OREAS 924 (AQUA REGIA) Meas | | | 0.85 | 2 | | | | | | | | | | | | |
| OREAS 924 (AQUA REGIA) Cert | | | 0.810 | 0.60 | | | | | | | | | | | | |
| OREAS 520 (Aqua Regia) Meas | 0.052 | 0.061 | 0.82 | 5 | 10 | 24 | 0.12 | < 20 | < 1 | < 2 | < 10 | 181 | 22 | 11 | 30 | |
| OREAS 520 (Aqua Regia) Cert | 0.0520 | 0.0740 | 1.03 | 1.97 | 11.8 | 36.0 | 0.135 | 8.03 | 0.33 | 0.0900 | 14.9 | 247 | 29.6 | 14.3 | 28.0 | |
| OREAS 907 (Aqua Regia) Meas | 0.119 | 0.024 | 0.07 | 4 | 2 | 12 | 0.02 | < 20 | < 1 | < 2 | < 10 | 5 | < 10 | 6 | 17 | |
| OREAS 907 (Aqua Regia) Cert | 0.0860 | 0.0240 | 0.0660 | 2.28 | 2.16 | 11.7 | 0.0170 | 8.04 | 0.230 | 0.120 | 2.15 | 5.12 | 0.980 | 6.52 | 43.7 | |
| OREAS 907 (Aqua Regia) Meas | 0.123 | 0.023 | 0.06 | 4 | 2 | 13 | 0.02 | < 20 | < 1 | < 2 | < 10 | 5 | < 10 | 7 | 13 | |
| OREAS 907 (Aqua Regia) Cert | 0.0860 | 0.0240 | 0.0660 | 2.28 | 2.16 | 11.7 | 0.0170 | 8.04 | 0.230 | 0.120 | 2.15 | 5.12 | 0.980 | 6.52 | 43.7 | |
| OREAS 45f (Aqua Regia) Meas | 0.061 | 0.020 | 0.02 | | 29 | 14 | 0.11 | < 20 | | < 2 | < 10 | 168 | | 6 | 21 | |
| OREAS 45f (Aqua Regia) Cert | 0.0320 | 0.0220 | 0.0270 | | 31.4 | 13.2 | 0.0970 | 7.67 | | 0.120 | 1.09 | 217 | | 6.74 | 30.0 | |
| OREAS 45f (Aqua Regia) Meas | 0.065 | 0.021 | 0.02 | | 32 | 16 | 0.12 | < 20 | | < 2 | < 10 | 180 | | 6 | 23 | |
| OREAS 45f (Aqua Regia) Cert | 0.0320 | 0.0220 | 0.0270 | | 31.4 | 13.2 | 0.0970 | 7.67 | | 0.120 | 1.09 | 217 | | 6.74 | 30.0 | |
| OREAS 239 (Fire Assay) Meas | | | | | | | | | | | | | | | | 3710 |
| OREAS 239 (Fire Assay) Cert | | | | | | | | | | | | | | | | 3550 |
| OREAS 263 (Aqua Regia) Meas | 0.103 | 0.041 | 0.12 | 5 | 3 | 17 | | < 20 | < 1 | < 2 | < 10 | 22 | | 11 | | |
| OREAS 263 | 0.0790 | 0.0410 | 0.126 | 7.37 | 3.52 | 16.9 | | 10.6 | 0.210 | 0.530 | 1.28 | 22.8 | | 12.0 | | |

| Analyte Symbol | Na | P | S | Sb | Sc | Sr | Ti | Th | Te | Tl | U | V | W | Y | Zr | Au |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit Symbol | % | % | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb |
| Lower Limit | 0.001 | 0.001 | 0.01 | 2 | 1 | 1 | 0.01 | 20 | 1 | 2 | 10 | 1 | 10 | 1 | 1 | 5 |
| Method Code | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | FA-AA |
| (Aqua Regia) Cert | | | | | | | | | | | | | | | | |
| OREAS 263 (Aqua Regia) Meas | 0.117 | 0.045 | 0.13 | 6 | 4 | 19 | | < 20 | 2 | < 2 | < 10 | 25 | | 12 | | |
| OREAS 263 (Aqua Regia) Cert | 0.0790 | 0.0410 | 0.126 | 7.37 | 3.52 | 16.9 | | 10.6 | 0.210 | 0.530 | 1.28 | 22.8 | | 12.0 | | |
| Oreas E1336 (Fire Assay) Meas | | | | | | | | | | | | | | | | 527 |
| Oreas E1336 (Fire Assay) Cert | | | | | | | | | | | | | | | | 510 |
| 306 Orig | 0.075 | 0.087 | 1.34 | 2 | 19 | 114 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 68 | < 10 | 6 | 5 | |
| 306 Dup | 0.076 | 0.088 | 1.35 | 2 | 19 | 115 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 70 | < 10 | 6 | 5 | |
| 307 Orig | | | | | | | | | | | | | | | | < 5 |
| 307 Dup | | | | | | | | | | | | | | | | 6 |
| 314 Orig | | | | | | | | | | | | | | | | < 5 |
| 314 Dup | | | | | | | | | | | | | | | | < 5 |
| Method Blank | 0.006 | < 0.001 | < 0.01 | < 2 | < 1 | < 1 | < 0.01 | < 20 | < 1 | < 2 | < 10 | < 1 | < 10 | < 1 | < 1 | |
| Method Blank | 0.008 | < 0.001 | < 0.01 | < 2 | < 1 | < 1 | < 0.01 | < 20 | < 1 | < 2 | < 10 | < 1 | < 10 | < 1 | < 1 | |
| Method Blank | 0.009 | < 0.001 | < 0.01 | < 2 | < 1 | < 1 | < 0.01 | < 20 | < 1 | < 2 | < 10 | < 1 | < 10 | < 1 | < 1 | |
| Method Blank | | | | | | | | | | | | | | | | < 5 |

*Quality Analysis ...* *Innovative Technologies*

**Report No.:** **A24-09918**
**Report Date:** **01-Oct-24**
**Date Submitted:** **26-Aug-24**
**Your Reference:** **Spanish**

**LLoyd Addie**
**1705 Hall Mines Road**
**Nelson BC V1L 1G8**
**Canada**

**ATTN: Lloyd Addie**

# CERTIFICATE OF ANALYSIS

18 Rock samples were submitted for analysis.

| The following analytical package(s) were requested: | | Testing Date: |
|---|---|---|
| 1A2-Kamloops | QOP AA-Au (Au - Fire Assay AA) | |
| 1E3-Kamloops | QOP AquaGeo (Aqua Regia ICPOES) | 2024-09-27 14:33:18 |
| Sieve Report-Kamloops Internal | Sieve Report Internal | |

REPORT **A24-09918**



Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

Values which exceed the upper limit should be assayed for accurate numbers.

Refer to the Scope of Accreditation for information on accredited elements.

SCC Accredited LAB LAB Accrédité CCN TM

LabID: 790

CERTIFIED BY:

Mark Vandergeest
Quality Control Coordinator

**ACTIVATION LABORATORIES LTD.**
9989 Dallas Drive, Kamloops, British Columbia, Canada, V2C 6T4
TELEPHONE +250 573-4484 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Kamloops@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

| Analyte Symbol | Au | Ag | Cd | Cu | Mn | Mo | Ni | Pb | Zn | Al | As | B | Ba | Be | Bi | Ca | Co | Cr | Fe | Ga | Hg | K | La |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit Symbol | ppb | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % | ppm |
| Lower Limit | 5 | 0.2 | 0.5 | 1 | 5 | 1 | 1 | 2 | 2 | 0.01 | 2 | 10 | 10 | 0.5 | 2 | 0.01 | 1 | 1 | 0.01 | 10 | 1 | 0.01 | 10 |
| Method Code | FA-AA | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP |
| 316 | < 5 | < 0.2 | < 0.5 | 112 | 946 | < 1 | 14 | < 2 | 57 | 2.56 | 12 | 17 | 45 | < 0.5 | < 2 | 1.26 | 20 | 23 | 5.93 | < 10 | < 1 | 0.04 | 13 |
| 317 | 8 | < 0.2 | < 0.5 | 105 | 797 | < 1 | 19 | 3 | 57 | 2.20 | 8 | 15 | 96 | < 0.5 | < 2 | 1.01 | 19 | 26 | 4.41 | < 10 | < 1 | 0.18 | < 10 |
| 318 | 5 | < 0.2 | < 0.5 | 320 | 869 | < 1 | 30 | 3 | 51 | 2.50 | < 2 | 18 | 124 | < 0.5 | < 2 | 0.80 | 30 | 58 | 5.35 | 10 | < 1 | 0.38 | 16 |
| 319 | < 5 | 0.7 | < 0.5 | 24 | 764 | 2 | 15 | 12 | 29 | 0.45 | 17 | 19 | 189 | < 0.5 | < 2 | 0.07 | 6 | 16 | 2.23 | < 10 | < 1 | 0.27 | 11 |
| 321 | 5 | < 0.2 | 0.7 | 53 | 307 | 5 | 55 | < 2 | 304 | 1.36 | 26 | 11 | 169 | < 0.5 | < 2 | 0.03 | 18 | 11 | 5.17 | < 10 | < 1 | 0.26 | 14 |
| 322 | 113 | 0.7 | < 0.5 | 84 | 296 | 38 | 36 | 25 | 233 | 0.73 | 80 | 13 | 97 | < 0.5 | < 2 | 0.04 | 9 | 24 | 6.74 | < 10 | < 1 | 0.23 | < 10 |
| 323 | 105 | 0.6 | < 0.5 | 31 | 455 | 26 | 35 | 19 | 121 | 0.71 | 80 | 13 | 113 | < 0.5 | < 2 | 0.07 | 8 | 44 | 5.78 | < 10 | < 1 | 0.27 | 12 |
| 324 | 143 | 0.5 | < 0.5 | 11 | 124 | 29 | 7 | 20 | 18 | 0.64 | 25 | 17 | 95 | < 0.5 | < 2 | 0.04 | 1 | 17 | 1.43 | < 10 | < 1 | 0.24 | < 10 |
| 325 | 99 | 0.5 | 0.8 | 76 | 197 | 29 | 45 | 16 | 196 | 0.75 | 63 | 15 | 86 | < 0.5 | < 2 | 0.03 | 9 | 26 | 5.06 | < 10 | < 1 | 0.21 | < 10 |
| 326 | 108 | 0.7 | < 0.5 | 47 | 215 | 32 | 24 | 21 | 102 | 0.55 | 60 | 14 | 85 | < 0.5 | < 2 | 0.04 | 4 | 29 | 4.46 | < 10 | < 1 | 0.22 | < 10 |
| 327 | 6 | < 0.2 | 0.7 | 48 | 1560 | 4 | 104 | 14 | 58 | 1.14 | 64 | < 10 | 47 | < 0.5 | < 2 | 0.74 | 30 | 135 | 5.34 | < 10 | < 1 | 0.06 | < 10 |
| 328 | 7 | < 0.2 | < 0.5 | 113 | 1500 | 1 | 248 | < 2 | 87 | 3.19 | 135 | < 10 | 38 | < 0.5 | < 2 | 1.30 | 34 | 358 | 8.19 | < 10 | < 1 | 0.07 | < 10 |
| 329 | < 5 | < 0.2 | < 0.5 | 13 | 1130 | 3 | 41 | < 2 | 18 | 0.16 | 17 | 20 | 25 | < 0.5 | < 2 | 0.03 | 20 | 36 | 1.72 | < 10 | < 1 | 0.01 | < 10 |
| 330 | 6 | < 0.2 | 1.9 | 99 | 843 | 6 | 63 | < 2 | 112 | 0.15 | 36 | 16 | 37 | < 0.5 | < 2 | 0.03 | 10 | 31 | 2.32 | < 10 | < 1 | 0.04 | < 10 |
| 332 | 124 | 0.6 | 1.2 | 51 | 456 | 35 | 56 | 17 | 184 | 0.51 | 102 | 10 | 20 | < 0.5 | < 2 | 0.03 | 16 | 19 | 4.86 | < 10 | < 1 | 0.22 | < 10 |
| 333 | 61 | 0.5 | 2.2 | 32 | 811 | 26 | 59 | 24 | 161 | 0.42 | 62 | 16 | 79 | < 0.5 | < 2 | 0.03 | 14 | 35 | 4.12 | < 10 | < 1 | 0.15 | < 10 |
| 334 | 78 | 0.5 | < 0.5 | 15 | 242 | 25 | 27 | 21 | 134 | 0.79 | 75 | 13 | 123 | < 0.5 | < 2 | 0.05 | 5 | 26 | 3.86 | < 10 | < 1 | 0.25 | 13 |
| 335 | 13 | < 0.2 | < 0.5 | 32 | 868 | 2 | 29 | 3 | 67 | 0.61 | 30 | 13 | 44 | < 0.5 | < 2 | 0.30 | 16 | 17 | 6.18 | < 10 | < 1 | 0.29 | 12 |

| Analyte Symbol | Mg | Na | P | S | Sb | Sc | Sr | Ti | Th | Te | Tl | U | V | W | Y | Zr |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit Symbol | % | % | % | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Lower Limit | 0.01 | 0.001 | 0.001 | 0.01 | 2 | 1 | 1 | 0.01 | 20 | 1 | 2 | 10 | 1 | 10 | 1 | 1 |
| Method Code | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP |
| 316 | 1.91 | 0.117 | 0.112 | 0.08 | 3 | 20 | 93 | 0.42 | < 20 | < 1 | < 2 | < 10 | 204 | < 10 | 17 | 11 |
| 317 | 1.56 | 0.122 | 0.099 | < 0.01 | 3 | 10 | 87 | 0.34 | < 20 | 7 | < 2 | < 10 | 150 | < 10 | 12 | 7 |
| 318 | 1.70 | 0.090 | 0.099 | 0.39 | 3 | 8 | 45 | 0.46 | < 20 | 7 | < 2 | < 10 | 191 | < 10 | 23 | 11 |
| 319 | 0.07 | 0.022 | 0.035 | 0.04 | < 2 | 2 | 13 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 12 | < 10 | 3 | 6 |
| 321 | 0.09 | 0.086 | 0.045 | 0.02 | < 2 | 5 | 9 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 29 | < 10 | 4 | 6 |
| 322 | 0.05 | 0.033 | 0.067 | 0.47 | 9 | 3 | 16 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 33 | < 10 | 7 | 5 |
| 323 | 0.06 | 0.038 | 0.032 | 0.02 | 10 | 3 | 19 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 36 | < 10 | 5 | 11 |
| 324 | 0.04 | 0.044 | 0.004 | 0.01 | 7 | 1 | 12 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 35 | < 10 | 3 | 15 |
| 325 | 0.04 | 0.042 | 0.060 | 0.38 | 8 | 3 | 11 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 38 | < 10 | 7 | 2 |
| 326 | 0.04 | 0.041 | 0.035 | 0.67 | 9 | 2 | 10 | < 0.01 | < 20 | 2 | < 2 | < 10 | 30 | < 10 | 4 | 11 |
| 327 | 0.67 | 0.082 | 0.201 | 0.06 | 3 | 9 | 33 | < 0.01 | < 20 | 2 | < 2 | < 10 | 56 | < 10 | 6 | 2 |
| 328 | 2.89 | 0.119 | 0.126 | 0.65 | 3 | 19 | 38 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 131 | < 10 | 8 | 6 |
| 329 | 0.05 | 0.014 | 0.009 | 0.01 | < 2 | 2 | 10 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 8 | < 10 | 2 | < 1 |
| 330 | 0.02 | 0.010 | 0.008 | < 0.01 | 3 | 2 | 7 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 11 | < 10 | 3 | 5 |
| 332 | 0.03 | 0.015 | 0.032 | 1.35 | 9 | 4 | 7 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 32 | < 10 | 6 | 15 |
| 333 | 0.03 | 0.017 | 0.021 | 0.01 | 7 | 1 | 5 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 23 | < 10 | 4 | 7 |
| 334 | 0.04 | 0.024 | 0.016 | 0.01 | 8 | 2 | 7 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 33 | < 10 | 4 | 13 |
| 335 | 0.05 | 0.021 | 0.070 | 1.16 | 4 | 2 | 17 | < 0.01 | < 20 | 4 | < 2 | < 10 | 9 | < 10 | 4 | 7 |

| Analyte Symbol | Au | Ag | Cd | Cu | Mn | Mo | Ni | Pb | Zn | Al | As | B | Ba | Be | Bi | Ca | Co | Cr | Fe | Ga | Hg | K | La |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit Symbol | ppb | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % | ppm |
| Lower Limit | 5 | 0.2 | 0.5 | 1 | 5 | 1 | 1 | 2 | 2 | 0.01 | 2 | 10 | 10 | 0.5 | 2 | 0.01 | 1 | 1 | 0.01 | 10 | 1 | 0.01 | 10 |
| Method Code | FA-AA | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP |
| OREAS 904 (Aqua Regia) Meas | | 0.3 | < 0.5 | 6130 | 431 | 2 | 36 | 10 | 24 | 1.92 | 85 | | 67 | 6.9 | 4 | 0.04 | 93 | 24 | 6.33 | < 10 | | 0.82 | 41 |
| OREAS 904 (Aqua Regia) Cert | | 0.366 | 0.0580 | 6300 | 410 | 2.02 | 36.6 | 8.49 | 22.4 | 1.25 | 91.0 | | 68.0 | 6.54 | 3.74 | 0.0404 | 82.0 | 17.5 | 6.40 | 3.40 | | 0.603 | 33.9 |
| OREAS 921 (AQUA REGIA) Meas | | < 0.2 | < 0.5 | 288 | | | | 24 | 123 | 2.71 | 8 | | | | | 0.41 | 16 | | 3.98 | | | | |
| OREAS 921 (AQUA REGIA) Cert | | 0.164 | 0.085 | 278 | | | | 26.0000 | 124 | 2.48 | 4.46 | | | | | 0.322 | 15.5 | | 3.83 | | | | |
| OREAS 924 (AQUA REGIA) Meas | | 2.2 | < 0.5 | 5190 | | | | 84 | 345 | 2.75 | 7 | | | | | 0.39 | 21 | | 5.97 | | | | |
| OREAS 924 (AQUA REGIA) Cert | | 1.92 | 0.46 | 5160.000 | | | | 92 | 370 | 2.76 | 7.80 | | | | | 0.318 | 22.7 | | 5.88 | | | | |
| OREAS 907 (Aqua Regia) Meas | | 1.2 | 0.7 | 6080 | 337 | 5 | 4 | 31 | 141 | 1.21 | 33 | | 210 | 1.0 | 22 | 0.27 | 48 | 8 | 7.72 | 20 | | 0.32 | 39 |
| OREAS 907 (Aqua Regia) Cert | | 1.30 | 0.540 | 6370 | 330 | 5.64 | 4.74 | 34.1 | 139 | 0.945 | 37.0 | | 225 | 0.870 | 22.3 | 0.280 | 43.7 | 8.59 | 8.18 | 14.7 | | 0.286 | 36.1 |
| Oreas 621 (Aqua Regia) Meas | | 70.0 | 301 | 3670 | 535 | 14 | 24 | > 5000 | > 10000 | 1.81 | 79 | | | 0.5 | 2 | 1.62 | 31 | 28 | 3.47 | < 10 | 6 | 0.33 | 20 |
| Oreas 621 (Aqua Regia) Cert | | 68.0 | 278 | 3660 | 520 | 13.3 | 25.8 | 13600 | 51700 | 1.60 | 75.0 | | | 0.530 | 3.85 | 1.65 | 27.9 | 31.3 | 3.43 | 9.29 | 3.93 | 0.333 | 19.4 |
| OREAS 239 (Fire Assay) Meas | 3630 | | | | | | | | | | | | | | | | | | | | | | |
| OREAS 239 (Fire Assay) Cert | 3550 | | | | | | | | | | | | | | | | | | | | | | |
| OREAS 263 (Aqua Regia) Meas | | 0.2 | < 0.5 | 90 | 492 | < 1 | 73 | 37 | 126 | 1.96 | 27 | | 167 | 1.3 | < 2 | 1.09 | 33 | 54 | 3.75 | < 10 | < 1 | 0.36 | |
| OREAS 263 (Aqua Regia) Cert | | 0.285 | 0.270 | 87.0 | 490 | 0.570 | 72.0 | 34.0 | 127 | 1.29 | 30.8 | | 175 | 1.22 | 0.570 | 1.03 | 31.0 | 48.0 | 3.68 | 4.92 | 0.170 | 0.288 | |
| Oreas E1336 (Fire Assay) Meas | 530 | | | | | | | | | | | | | | | | | | | | | | |
| Oreas E1336 (Fire Assay) Cert | 510 | | | | | | | | | | | | | | | | | | | | | | |
| 323 Orig | 106 | | | | | | | | | | | | | | | | | | | | | | |
| 323 Dup | 105 | | | | | | | | | | | | | | | | | | | | | | |
| 326 Orig | | 0.7 | < 0.5 | 47 | 215 | 32 | 25 | 20 | 101 | 0.55 | 60 | 14 | 86 | < 0.5 | 3 | 0.04 | 4 | 29 | 4.45 | < 10 | < 1 | 0.22 | < 10 |
| 326 Dup | | 0.7 | < 0.5 | 46 | 215 | 32 | 24 | 22 | 103 | 0.56 | 60 | 14 | 84 | < 0.5 | < 2 | 0.04 | 5 | 29 | 4.47 | < 10 | < 1 | 0.22 | < 10 |
| 330 Orig | 6 | | | | | | | | | | | | | | | | | | | | | | |
| 330 Dup | 7 | | | | | | | | | | | | | | | | | | | | | | |
| Method Blank | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| Method Blank | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| Method Blank | | < 0.2 | < 0.5 | < 1 | < 5 | < 1 | < 1 | < 2 | < 2 | < 0.01 | < 2 | 27 | < 10 | < 0.5 | < 2 | < 0.01 | < 1 | < 1 | < 0.01 | < 10 | < 1 | < 0.01 | < 10 |

| Analyte Symbol | Mg | Na | P | S | Sb | Sc | Sr | Ti | Th | Te | Tl | U | V | W | Y | Zr |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit Symbol | % | % | % | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Lower Limit | 0.01 | 0.001 | 0.001 | 0.01 | 2 | 1 | 1 | 0.01 | 20 | 1 | 2 | 10 | 1 | 10 | 1 | 1 |
| Method Code | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP |
| OREAS 904 (Aqua Regia) Meas | 0.20 | | 0.103 | 0.04 | 3 | 4 | 19 | | < 20 | | < 2 | < 10 | 35 | | 19 | |
| OREAS 904 (Aqua Regia) Cert | 0.143 | | 0.0950 | 0.0340 | 0.780 | 3.83 | 16.5 | | 7.56 | | 0.150 | 5.20 | 21.7 | | 17.2 | |
| OREAS 921 (AQUA REGIA) Meas | 1.14 | | | 0.06 | < 2 | | | | | | | | | | | |
| OREAS 921 (AQUA REGIA) Cert | 1.15 | | | 0.068 | 0.61 | | | | | | | | | | | |
| OREAS 924 (AQUA REGIA) Meas | 1.38 | | | 0.75 | 3 | | | | | | | | | | | |
| OREAS 924 (AQUA REGIA) Cert | 1.45 | | | 0.810 | 0.60 | | | | | | | | | | | |
| OREAS 907 (Aqua Regia) Meas | 0.22 | 0.098 | 0.023 | 0.06 | 6 | 2 | 13 | 0.02 | < 20 | < 1 | < 2 | < 10 | 7 | < 10 | 7 | 9 |
| OREAS 907 (Aqua Regia) Cert | 0.221 | 0.0860 | 0.0240 | 0.0660 | 2.28 | 2.16 | 11.7 | 0.0170 | 8.04 | 0.230 | 0.120 | 2.15 | 5.12 | 0.980 | 6.52 | 43.7 |
| Oreas 621 (Aqua Regia) Meas | 0.43 | 0.173 | 0.037 | 4.74 | 114 | 2 | 18 | | < 20 | | < 2 | < 10 | 13 | < 10 | 8 | 71 |
| Oreas 621 (Aqua Regia) Cert | 0.436 | 0.160 | 0.0335 | 4.50 | 107 | 2.20 | 18.9 | | 5.91 | | 0.770 | 1.63 | 10.9 | 1.00 | 6.87 | 55.0 |
| OREAS 239 (Fire Assay) Meas | | | | | | | | | | | | | | | | |
| OREAS 239 (Fire Assay) Cert | | | | | | | | | | | | | | | | |
| OREAS 263 (Aqua Regia) Meas | 0.60 | 0.092 | 0.043 | 0.12 | 9 | 4 | 19 | | < 20 | < 1 | < 2 | < 10 | 30 | | 13 | |
| OREAS 263 (Aqua Regia) Cert | 0.593 | 0.0790 | 0.0410 | 0.126 | 7.37 | 3.52 | 16.9 | | 10.6 | 0.210 | 0.530 | 1.28 | 22.8 | | 12.0 | |
| Oreas E1336 (Fire Assay) Meas | | | | | | | | | | | | | | | | |
| Oreas E1336 (Fire Assay) Cert | | | | | | | | | | | | | | | | |
| 323 Orig | | | | | | | | | | | | | | | | |
| 323 Dup | | | | | | | | | | | | | | | | |
| 326 Orig | 0.04 | 0.041 | 0.035 | 0.67 | 9 | 2 | 11 | < 0.01 | < 20 | 1 | < 2 | < 10 | 30 | < 10 | 4 | 13 |
| 326 Dup | 0.04 | 0.041 | 0.035 | 0.67 | 10 | 2 | 10 | < 0.01 | < 20 | 2 | < 2 | < 10 | 30 | < 10 | 4 | 8 |
| 330 Orig | | | | | | | | | | | | | | | | |
| 330 Dup | | | | | | | | | | | | | | | | |
| Method Blank | | | | | | | | | | | | | | | | |
| Method Blank | | | | | | | | | | | | | | | | |
| Method Blank | < 0.01 | 0.007 | < 0.001 | < 0.01 | < 2 | < 1 | < 1 | < 0.01 | < 20 | < 1 | < 2 | < 10 | < 1 | < 10 | < 1 | < 1 |

*Quality Analysis ...* *Innovative Technologies*

**Report No.:** **A24-10396**
**Report Date:** **10-Oct-24**
**Date Submitted:** **04-Sep-24**
**Your Reference:** **Spanish**

**LLoyd Addie**
**1705 Hall Mines Road**
**Nelson BC V1L 1G8**
**Canada**

**ATTN: Lloyd Addie**

# CERTIFICATE OF ANALYSIS

35 Rock samples were submitted for analysis.

| The following analytical package(s) were requested: | | Testing Date: |
|---|---|---|
| 1A2-Kamloops | QOP AA-Au (Au - Fire Assay AA) | |
| 1E3-Kamloops | QOP AquaGeo (Aqua Regia ICPOES) | 2024-09-27 14:33:18 |
| Sieve Report-Kamloops Internal | Sieve Report Internal | |

REPORT **A24-10396**



Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

Values which exceed the upper limit should be assayed for accurate numbers.

Refer to the Scope of Accreditation for information on accredited elements.

SCC Accredited LAB LAB Accrédité CCN TM

LabID: 790

CERTIFIED BY:

Mark Vandergeest
Quality Control Coordinator

**ACTIVATION LABORATORIES LTD.**
9989 Dallas Drive, Kamloops, British Columbia, Canada, V2C 6T4
TELEPHONE +250 573-4484 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Kamloops@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

| Analyte Symbol | Au | Ag | Cd | Cu | Mn | Mo | Ni | Pb | Zn | Al | As | B | Ba | Be | Bi | Ca | Co | Cr | Fe | Ga | Hg | K | La |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit Symbol | ppb | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % | ppm |
| Lower Limit | 5 | 0.2 | 0.5 | 1 | 5 | 1 | 1 | 2 | 2 | 0.01 | 2 | 10 | 10 | 0.5 | 2 | 0.01 | 1 | 1 | 0.01 | 10 | 1 | 0.01 | 10 |
| Method Code | FA-AA | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP |
| 336 | 7 | < 0.2 | 1.8 | 97 | 2630 | 18 | 158 | < 2 | 180 | 0.91 | 281 | 13 | 183 | < 0.5 | < 2 | 0.20 | 46 | 44 | 7.45 | < 10 | < 1 | 0.33 | 14 |
| 337 | 116 | 0.5 | < 0.5 | 12 | 212 | 36 | 32 | 23 | 135 | 0.59 | 87 | 15 | 101 | < 0.5 | < 2 | 0.05 | 7 | 20 | 3.38 | < 10 | < 1 | 0.22 | 22 |
| 338 | 57 | 0.4 | 4.9 | 147 | 2800 | 49 | 104 | 29 | 423 | 0.84 | 86 | 14 | 121 | 0.7 | < 2 | 0.06 | 57 | 20 | 7.31 | < 10 | < 1 | 0.23 | 20 |
| 339 | 132 | 0.8 | 2.3 | 45 | 455 | 28 | 46 | 17 | 202 | 0.84 | 83 | 15 | 121 | < 0.5 | < 2 | 0.07 | 11 | 24 | 4.26 | < 10 | < 1 | 0.28 | 19 |
| 340 | 174 | 0.3 | < 0.5 | 89 | 286 | 39 | 32 | 24 | 139 | 0.97 | 120 | 15 | 97 | < 0.5 | < 2 | 0.03 | 7 | 31 | 5.55 | < 10 | < 1 | 0.25 | 17 |
| 341 | 160 | 0.9 | 18.2 | 263 | 4250 | 38 | 368 | 17 | 664 | 1.16 | 124 | 11 | 133 | 0.8 | < 2 | 0.11 | 81 | 41 | 8.82 | < 10 | 1 | 0.30 | 15 |
| 342 | 128 | 0.5 | 0.7 | 109 | 652 | 32 | 46 | 18 | 167 | 0.81 | 96 | 14 | 82 | < 0.5 | < 2 | 0.04 | 11 | 23 | 6.37 | < 10 | < 1 | 0.20 | 16 |
| 343 | 161 | 0.6 | 0.6 | 113 | 440 | 40 | 41 | 25 | 161 | 0.81 | 116 | 17 | 83 | < 0.5 | < 2 | 0.03 | 9 | 23 | 5.05 | < 10 | < 1 | 0.23 | 16 |
| 344 | 106 | 0.6 | 0.8 | 48 | 431 | 36 | 30 | 16 | 139 | 0.88 | 53 | 16 | 123 | < 0.5 | < 2 | 0.03 | 9 | 22 | 3.62 | < 10 | < 1 | 0.34 | 17 |
| 345 | 13 | < 0.2 | < 0.5 | 156 | 6800 | < 1 | 174 | 68 | 163 | 2.59 | 97 | 14 | 18 | < 0.5 | 4 | 0.52 | 29 | 41 | 11.2 | 10 | 3 | 0.01 | 29 |
| 346 | < 5 | < 0.2 | < 0.5 | 5 | 2300 | < 1 | 189 | < 2 | 56 | 1.79 | 87 | < 10 | 70 | < 0.5 | < 2 | 5.75 | 29 | 956 | 6.44 | < 10 | < 1 | 0.07 | < 10 |
| 347 | < 5 | < 0.2 | < 0.5 | 7 | 14000 | < 1 | 198 | 4 | 76 | 0.53 | 318 | < 10 | 48 | < 0.5 | < 2 | > 10.0 | 33 | 59 | 6.41 | < 10 | < 1 | 0.06 | < 10 |
| 348 | 6 | < 0.2 | 2.2 | 24 | 15400 | 2 | 51 | 75 | 171 | 0.30 | 25 | 14 | 84 | < 0.5 | < 2 | 0.09 | 9 | 29 | 4.17 | < 10 | < 1 | 0.03 | 14 |
| 349 | < 5 | 0.4 | 2.0 | 172 | 27900 | 2 | 228 | 68 | 279 | 1.64 | 81 | 13 | 89 | < 0.5 | 5 | 1.41 | 29 | 23 | 10.1 | < 10 | 3 | 0.05 | 31 |
| 350 | 94 | < 0.2 | 1.7 | 124 | 413 | 37 | 97 | 16 | 492 | 0.64 | 104 | 13 | 133 | < 0.5 | 2 | 0.03 | 28 | 23 | 8.30 | < 10 | < 1 | 0.15 | < 10 |
| 351 | < 5 | < 0.2 | < 0.5 | 43 | 2980 | < 1 | 76 | 19 | 146 | 1.77 | 10 | 12 | 165 | < 0.5 | < 2 | 0.09 | 24 | 25 | 5.37 | < 10 | < 1 | 0.23 | 21 |
| 353 | 6 | < 0.2 | < 0.5 | 67 | 990 | 2 | 48 | 25 | 97 | 0.89 | 31 | 14 | 111 | < 0.5 | < 2 | 0.06 | 17 | 27 | 3.78 | < 10 | < 1 | 0.16 | 15 |
| 354 | 12 | 0.3 | 1.7 | 58 | 540 | 43 | 194 | 17 | 147 | 2.67 | 168 | 12 | 89 | 0.9 | < 2 | 0.13 | 51 | 73 | 7.79 | < 10 | 3 | 0.14 | 15 |
| 355 | 18 | < 0.2 | < 0.5 | 19 | 84 | 9 | 3 | 37 | 4 | 0.59 | 21 | 15 | 139 | < 0.5 | < 2 | 0.02 | < 1 | 15 | 0.85 | < 10 | < 1 | 0.25 | 29 |
| 357 | 5 | < 0.2 | < 0.5 | 35 | 206 | 12 | 7 | 4 | 104 | 0.52 | 185 | 13 | 136 | < 0.5 | < 2 | 0.04 | 7 | 10 | 3.94 | < 10 | < 1 | 0.15 | < 10 |
| 361 | 152 | < 0.2 | 0.9 | 109 | 320 | 39 | 46 | 40 | 228 | 0.78 | 79 | 13 | 145 | 0.5 | < 2 | 0.04 | 9 | 27 | 5.76 | < 10 | < 1 | 0.27 | 17 |
| 362 | 82 | < 0.2 | 0.7 | 87 | 357 | 15 | 59 | 12 | 241 | 1.10 | 78 | 11 | 85 | < 0.5 | < 2 | 0.04 | 12 | 68 | 4.87 | < 10 | < 1 | 0.18 | 13 |
| 363 | < 5 | < 0.2 | 0.5 | 29 | 1090 | 2 | 17 | 4 | 109 | 2.10 | 4 | 14 | 178 | < 0.5 | < 2 | 0.17 | 11 | 17 | 4.02 | < 10 | < 1 | 0.23 | 11 |
| 364 | 6 | < 0.2 | < 0.5 | 61 | 754 | 2 | 25 | 4 | 122 | 2.52 | < 2 | 13 | 87 | < 0.5 | < 2 | 0.10 | 22 | 20 | 6.06 | < 10 | < 1 | 0.16 | < 10 |
| 365 | 6 | < 0.2 | < 0.5 | 29 | 278 | 3 | 16 | 4 | 54 | 0.51 | 6 | 15 | 47 | < 0.5 | < 2 | 0.01 | 3 | 40 | 2.37 | < 10 | < 1 | 0.11 | < 10 |
| 366 | 7 | 0.4 | < 0.5 | 53 | 125 | < 1 | 40 | 20 | 143 | 1.24 | 41 | 13 | 90 | < 0.5 | < 2 | 0.04 | 4 | 21 | 2.92 | < 10 | < 1 | 0.22 | 24 |
| 368 | 7 | 0.6 | < 0.5 | 94 | 748 | 1 | 69 | 8 | 146 | 0.61 | 7 | 16 | 90 | < 0.5 | < 2 | 0.03 | 7 | 16 | 1.54 | < 10 | < 1 | 0.22 | 14 |
| 372 | 13 | < 0.2 | < 0.5 | 81 | 412 | 3 | 16 | 2 | 31 | 0.70 | 58 | < 10 | 71 | < 0.5 | < 2 | 0.08 | 9 | 3 | 2.67 | < 10 | < 1 | 0.11 | 14 |
| 375 | 5 | < 0.2 | < 0.5 | 32 | 581 | < 1 | 12 | 6 | 60 | 2.00 | 8 | 13 | 83 | < 0.5 | < 2 | 1.53 | 9 | 20 | 3.38 | < 10 | < 1 | 0.10 | 16 |
| 377 | < 5 | < 0.2 | < 0.5 | 30 | 356 | < 1 | 15 | 11 | 67 | 1.42 | 3 | 15 | 38 | < 0.5 | < 2 | 0.11 | 7 | 19 | 2.43 | < 10 | < 1 | 0.08 | 19 |
| 378 | 12 | < 0.2 | < 0.5 | 32 | 83 | 64 | 6 | 39 | 24 | 0.34 | 121 | 15 | 63 | < 0.5 | < 2 | 0.03 | < 1 | 10 | 3.17 | < 10 | < 1 | 0.11 | 10 |
| 379 | 21 | < 0.2 | < 0.5 | 77 | 208 | 17 | 16 | 13 | 93 | 0.81 | 53 | 16 | 110 | < 0.5 | < 2 | 0.12 | 4 | 11 | 3.12 | < 10 | < 1 | 0.21 | < 10 |
| 380 | 11 | < 0.2 | < 0.5 | 94 | 180 | 18 | 14 | 10 | 70 | 1.34 | 22 | 15 | 153 | < 0.5 | < 2 | 0.05 | 3 | 23 | 4.74 | < 10 | < 1 | 0.28 | 11 |
| 381 | 8 | < 0.2 | < 0.5 | 137 | 884 | 1 | 7 | < 2 | 89 | 2.81 | 14 | 13 | 135 | < 0.5 | < 2 | 0.67 | 18 | 8 | 6.05 | < 10 | < 1 | 0.26 | 11 |
| 382 | 11 | < 0.2 | < 0.5 | 11 | 357 | 3 | 15 | < 2 | 16 | 0.22 | 29 | 15 | 27 | < 0.5 | < 2 | 0.02 | 8 | 29 | 2.37 | < 10 | < 1 | 0.08 | < 10 |

| Analyte Symbol | Mg | Na | P | S | Sb | Sc | Sr | Ti | Th | Te | Tl | U | V | W | Y | Zr |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit Symbol | % | % | % | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Lower Limit | 0.01 | 0.001 | 0.001 | 0.01 | 2 | 1 | 1 | 0.01 | 20 | 1 | 2 | 10 | 1 | 10 | 1 | 1 |
| Method Code | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP |
| 336 | 0.08 | 0.066 | 0.081 | 0.04 | 5 | 6 | 15 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 47 | < 10 | 7 | 3 |
| 337 | 0.03 | 0.038 | 0.018 | < 0.01 | 10 | 3 | 6 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 39 | < 10 | 4 | 12 |
| 338 | 0.04 | 0.023 | 0.129 | 0.13 | 8 | 5 | 15 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 30 | < 10 | 9 | 2 |
| 339 | 0.06 | 0.024 | 0.039 | 0.02 | 11 | 3 | 8 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 43 | < 10 | 6 | 4 |
| 340 | 0.06 | 0.037 | 0.058 | 0.02 | 13 | 3 | 5 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 40 | < 10 | 4 | 4 |
| 341 | 0.07 | 0.034 | 0.096 | 0.04 | 12 | 7 | 14 | < 0.01 | < 20 | 2 | < 2 | < 10 | 50 | < 10 | 17 | 3 |
| 342 | 0.05 | 0.022 | 0.079 | 0.02 | 10 | 2 | 12 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 31 | < 10 | 3 | 4 |
| 343 | 0.04 | 0.033 | 0.063 | 0.03 | 9 | 3 | 6 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 41 | < 10 | 4 | 3 |
| 344 | 0.06 | 0.028 | 0.023 | 0.03 | 6 | 3 | 5 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 32 | < 10 | 3 | 4 |
| 345 | 0.72 | 0.025 | 0.079 | 0.81 | 6 | 9 | 21 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 185 | < 10 | 9 | 6 |
| 346 | 3.19 | 0.104 | 0.068 | < 0.01 | 5 | 13 | 112 | < 0.01 | < 20 | 5 | < 2 | < 10 | 60 | < 10 | 10 | 2 |
| 347 | 1.69 | 0.130 | 0.060 | 0.07 | 3 | 12 | 172 | < 0.01 | < 20 | 2 | < 2 | < 10 | 25 | < 10 | 6 | 2 |
| 348 | 0.04 | 0.041 | 0.040 | < 0.01 | 3 | 3 | 22 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 29 | < 10 | 3 | 2 |
| 349 | 0.36 | 0.081 | 0.719 | 0.15 | 5 | 6 | 123 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 206 | < 10 | 24 | 3 |
| 350 | 0.03 | 0.015 | 0.083 | 0.01 | 18 | 7 | 57 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 68 | < 10 | 6 | 3 |
| 351 | 0.83 | 0.031 | 0.043 | 0.02 | < 2 | 5 | 10 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 37 | < 10 | 4 | 4 |
| 353 | 0.37 | 0.024 | 0.030 | 0.04 | 2 | 3 | 10 | < 0.01 | < 20 | 3 | < 2 | < 10 | 19 | < 10 | 3 | 5 |
| 354 | 1.91 | 0.011 | 0.094 | 0.04 | 5 | 5 | 9 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 98 | < 10 | 10 | 4 |
| 355 | 0.06 | 0.019 | 0.005 | 0.01 | < 2 | 2 | 7 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 32 | < 10 | 5 | 24 |
| 357 | 0.05 | 0.049 | 0.034 | 0.12 | 2 | 4 | 7 | < 0.01 | < 20 | 1 | < 2 | < 10 | 24 | < 10 | 3 | 3 |
| 361 | 0.05 | 0.022 | 0.070 | 0.02 | 10 | 3 | 21 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 38 | < 10 | 5 | 3 |
| 362 | 0.39 | 0.023 | 0.083 | 0.02 | 8 | 5 | 10 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 55 | < 10 | 4 | 4 |
| 363 | 1.07 | 0.043 | 0.054 | 0.23 | 2 | 4 | 11 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 32 | < 10 | 4 | 4 |
| 364 | 1.65 | 0.042 | 0.068 | 0.51 | 3 | 5 | 8 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 78 | < 10 | 3 | 7 |
| 365 | 0.16 | 0.010 | 0.014 | < 0.01 | 2 | < 1 | 2 | < 0.01 | < 20 | 3 | < 2 | < 10 | 11 | < 10 | 1 | 2 |
| 366 | 0.41 | 0.015 | 0.025 | 0.03 | 4 | 2 | 6 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 15 | < 10 | 3 | 8 |
| 368 | 0.10 | 0.014 | 0.016 | 0.01 | < 2 | 2 | 5 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 15 | < 10 | 2 | 6 |
| 372 | 0.10 | 0.088 | 0.043 | 0.24 | 3 | 5 | 16 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 10 | < 10 | 8 | 4 |
| 375 | 0.90 | 0.059 | 0.054 | 0.17 | < 2 | 11 | 54 | 0.25 | < 20 | 2 | < 2 | < 10 | 74 | < 10 | 19 | 18 |
| 377 | 0.85 | 0.042 | 0.053 | < 0.01 | < 2 | 3 | 6 | < 0.01 | < 20 | 3 | < 2 | < 10 | 41 | < 10 | 5 | 5 |
| 378 | 0.04 | 0.020 | 0.019 | 0.02 | 2 | < 1 | 5 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 62 | < 10 | 2 | 8 |
| 379 | 0.37 | 0.020 | 0.029 | 0.58 | 4 | 3 | 5 | 0.13 | < 20 | 4 | < 2 | < 10 | 89 | < 10 | 6 | 14 |
| 380 | 0.49 | 0.056 | 0.053 | 0.07 | 4 | 4 | 15 | < 0.01 | < 20 | 3 | < 2 | < 10 | 110 | < 10 | 3 | 4 |
| 381 | 1.80 | 0.024 | 0.113 | 0.39 | 4 | 8 | 16 | 0.40 | < 20 | 1 | < 2 | < 10 | 100 | < 10 | 18 | 18 |
| 382 | 0.02 | 0.009 | 0.016 | 0.08 | < 2 | 1 | 4 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 4 | < 10 | 2 | 2 |

| Analyte Symbol | Au | Ag | Cd | Cu | Mn | Mo | Ni | Pb | Zn | Al | As | B | Ba | Be | Bi | Ca | Co | Cr | Fe | Ga | Hg | K | La |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit Symbol | ppb | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % | ppm |
| Lower Limit | 5 | 0.2 | 0.5 | 1 | 5 | 1 | 1 | 2 | 2 | 0.01 | 2 | 10 | 10 | 0.5 | 2 | 0.01 | 1 | 1 | 0.01 | 10 | 1 | 0.01 | 10 |
| Method Code | FA-AA | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP |
| OREAS 904 (Aqua Regia) Meas | | 0.3 | < 0.5 | 6130 | 431 | 2 | 36 | 10 | 24 | 1.92 | 85 | | 67 | 6.9 | 4 | 0.04 | 93 | 24 | 6.33 | < 10 | | 0.82 | 41 |
| OREAS 904 (Aqua Regia) Cert | | 0.366 | 0.0580 | 6300 | 410 | 2.02 | 36.6 | 8.49 | 22.4 | 1.25 | 91.0 | | 68.0 | 6.54 | 3.74 | 0.0404 | 82.0 | 17.5 | 6.40 | 3.40 | | 0.603 | 33.9 |
| OREAS 921 (AQUA REGIA) Meas | | < 0.2 | < 0.5 | 288 | | | | 24 | 123 | 2.71 | 8 | | | | | 0.41 | 16 | | 3.98 | | | | |
| OREAS 921 (AQUA REGIA) Cert | | 0.164 | 0.085 | 278 | | | | 26.0000 | 124 | 2.48 | 4.46 | | | | | 0.322 | 15.5 | | 3.83 | | | | |
| OREAS 924 (AQUA REGIA) Meas | | 2.2 | < 0.5 | 5190 | | | | 84 | 345 | 2.75 | 7 | | | | | 0.39 | 21 | | 5.97 | | | | |
| OREAS 924 (AQUA REGIA) Cert | | 1.92 | 0.46 | 5160.000 | | | | 92 | 370 | 2.76 | 7.80 | | | | | 0.318 | 22.7 | | 5.88 | | | | |
| OREAS 907 (Aqua Regia) Meas | | 1.2 | 0.7 | 6080 | 337 | 5 | 4 | 31 | 141 | 1.21 | 33 | | 210 | 1.0 | 22 | 0.27 | 48 | 8 | 7.72 | 20 | | 0.32 | 39 |
| OREAS 907 (Aqua Regia) Cert | | 1.30 | 0.540 | 6370 | 330 | 5.64 | 4.74 | 34.1 | 139 | 0.945 | 37.0 | | 225 | 0.870 | 22.3 | 0.280 | 43.7 | 8.59 | 8.18 | 14.7 | | 0.286 | 36.1 |
| Oreas 621 (Aqua Regia) Meas | | 70.0 | 301 | 3670 | 535 | 14 | 24 | > 5000 | > 10000 | 1.81 | 79 | | | 0.5 | 2 | 1.62 | 31 | 28 | 3.47 | < 10 | 6 | 0.33 | 20 |
| Oreas 621 (Aqua Regia) Cert | | 68.0 | 278 | 3660 | 520 | 13.3 | 25.8 | 13600 | 51700 | 1.60 | 75.0 | | | 0.530 | 3.85 | 1.65 | 27.9 | 31.3 | 3.43 | 9.29 | 3.93 | 0.333 | 19.4 |
| OREAS 239 (Fire Assay) Meas | 3550 | | | | | | | | | | | | | | | | | | | | | | |
| OREAS 239 (Fire Assay) Cert | 3550 | | | | | | | | | | | | | | | | | | | | | | |
| OREAS 263 (Aqua Regia) Meas | | 0.2 | < 0.5 | 90 | 492 | < 1 | 73 | 37 | 126 | 1.96 | 27 | | 167 | 1.3 | < 2 | 1.09 | 33 | 54 | 3.75 | < 10 | < 1 | 0.36 | |
| OREAS 263 (Aqua Regia) Cert | | 0.285 | 0.270 | 87.0 | 490 | 0.570 | 72.0 | 34.0 | 127 | 1.29 | 30.8 | | 175 | 1.22 | 0.570 | 1.03 | 31.0 | 48.0 | 3.68 | 4.92 | 0.170 | 0.288 | |
| Oreas E1336 (Fire Assay) Meas | 526 | | | | | | | | | | | | | | | | | | | | | | |
| Oreas E1336 (Fire Assay) Cert | 510 | | | | | | | | | | | | | | | | | | | | | | |
| 341 Orig | 159 | | | | | | | | | | | | | | | | | | | | | | |
| 341 Dup | 161 | | | | | | | | | | | | | | | | | | | | | | |
| 342 Orig | | 0.5 | 0.8 | 107 | 651 | 31 | 46 | 17 | 166 | 0.80 | 96 | 14 | 82 | < 0.5 | < 2 | 0.04 | 11 | 22 | 6.30 | < 10 | < 1 | 0.20 | 16 |
| 342 Dup | | 0.5 | 0.7 | 110 | 654 | 32 | 46 | 19 | 168 | 0.81 | 97 | 13 | 83 | < 0.5 | < 2 | 0.04 | 12 | 23 | 6.43 | < 10 | < 1 | 0.20 | 17 |
| 355 Orig | | < 0.2 | < 0.5 | 19 | 85 | 9 | 3 | 37 | 4 | 0.60 | 21 | 14 | 142 | < 0.5 | < 2 | 0.02 | < 1 | 15 | 0.85 | < 10 | < 1 | 0.26 | 29 |
| 355 Dup | | < 0.2 | < 0.5 | 19 | 83 | 9 | 3 | 37 | 4 | 0.58 | 21 | 16 | 137 | < 0.5 | < 2 | 0.02 | < 1 | 15 | 0.85 | < 10 | < 1 | 0.25 | 29 |
| 368 Orig | 8 | | | | | | | | | | | | | | | | | | | | | | |
| 368 Dup | 7 | | | | | | | | | | | | | | | | | | | | | | |
| 382 Orig | 11 | < 0.2 | < 0.5 | 11 | 357 | 3 | 15 | < 2 | 16 | 0.22 | 29 | 15 | 27 | < 0.5 | < 2 | 0.02 | 8 | 29 | 2.37 | < 10 | < 1 | 0.08 | < 10 |
| 382 Split Prep dup | 11 | < 0.2 | < 0.5 | 11 | 360 | 3 | 15 | < 2 | 18 | 0.22 | 29 | 16 | 28 | < 0.5 | < 2 | 0.02 | 8 | 31 | 2.38 | < 10 | < 1 | 0.08 | < 10 |
| Method Blank | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| Method Blank | 5 | | | | | | | | | | | | | | | | | | | | | | |
| Method Blank | | < 0.2 | < 0.5 | < 1 | < 5 | < 1 | < 1 | < 2 | < 2 | < 0.01 | < 2 | 27 | < 10 | < 0.5 | < 2 | < 0.01 | < 1 | < 1 | < 0.01 | < 10 | < 1 | < 0.01 | < 10 |

| Analyte Symbol | Mg | Na | P | S | Sb | Sc | Sr | Ti | Th | Te | Tl | U | V | W | Y | Zr |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit Symbol | % | % | % | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Lower Limit | 0.01 | 0.001 | 0.001 | 0.01 | 2 | 1 | 1 | 0.01 | 20 | 1 | 2 | 10 | 1 | 10 | 1 | 1 |
| Method Code | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP |
| OREAS 904 (Aqua Regia) Meas | 0.20 | | 0.103 | 0.04 | 3 | 4 | 19 | | < 20 | | < 2 | < 10 | 35 | | 19 | |
| OREAS 904 (Aqua Regia) Cert | 0.143 | | 0.0950 | 0.0340 | 0.780 | 3.83 | 16.5 | | 7.56 | | 0.150 | 5.20 | 21.7 | | 17.2 | |
| OREAS 921 (AQUA REGIA) Meas | 1.14 | | | 0.06 | < 2 | | | | | | | | | | | |
| OREAS 921 (AQUA REGIA) Cert | 1.15 | | | 0.068 | 0.61 | | | | | | | | | | | |
| OREAS 924 (AQUA REGIA) Meas | 1.38 | | | 0.75 | 3 | | | | | | | | | | | |
| OREAS 924 (AQUA REGIA) Cert | 1.45 | | | 0.810 | 0.60 | | | | | | | | | | | |
| OREAS 907 (Aqua Regia) Meas | 0.22 | 0.098 | 0.023 | 0.06 | 6 | 2 | 13 | 0.02 | < 20 | < 1 | < 2 | < 10 | 7 | < 10 | 7 | 9 |
| OREAS 907 (Aqua Regia) Cert | 0.221 | 0.0860 | 0.0240 | 0.0660 | 2.28 | 2.16 | 11.7 | 0.0170 | 8.04 | 0.230 | 0.120 | 2.15 | 5.12 | 0.980 | 6.52 | 43.7 |
| Oreas 621 (Aqua Regia) Meas | 0.43 | 0.173 | 0.037 | 4.74 | 114 | 2 | 18 | | < 20 | | < 2 | < 10 | 13 | < 10 | 8 | 71 |
| Oreas 621 (Aqua Regia) Cert | 0.436 | 0.160 | 0.0335 | 4.50 | 107 | 2.20 | 18.9 | | 5.91 | | 0.770 | 1.63 | 10.9 | 1.00 | 6.87 | 55.0 |
| OREAS 239 (Fire Assay) Meas | | | | | | | | | | | | | | | | |
| OREAS 239 (Fire Assay) Cert | | | | | | | | | | | | | | | | |
| OREAS 263 (Aqua Regia) Meas | 0.60 | 0.092 | 0.043 | 0.12 | 9 | 4 | 19 | | < 20 | < 1 | < 2 | < 10 | 30 | | 13 | |
| OREAS 263 (Aqua Regia) Cert | 0.593 | 0.0790 | 0.0410 | 0.126 | 7.37 | 3.52 | 16.9 | | 10.6 | 0.210 | 0.530 | 1.28 | 22.8 | | 12.0 | |
| Oreas E1336 (Fire Assay) Meas | | | | | | | | | | | | | | | | |
| Oreas E1336 (Fire Assay) Cert | | | | | | | | | | | | | | | | |
| 341 Orig | | | | | | | | | | | | | | | | |
| 341 Dup | | | | | | | | | | | | | | | | |
| 342 Orig | 0.05 | 0.022 | 0.079 | 0.02 | 9 | 2 | 12 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 31 | < 10 | 3 | 4 |
| 342 Dup | 0.05 | 0.022 | 0.079 | 0.02 | 11 | 3 | 12 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 31 | < 10 | 3 | 4 |
| 355 Orig | 0.06 | 0.018 | 0.005 | 0.01 | < 2 | 2 | 7 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 32 | < 10 | 5 | 23 |
| 355 Dup | 0.06 | 0.019 | 0.004 | 0.01 | < 2 | 2 | 7 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 31 | < 10 | 5 | 24 |
| 368 Orig | | | | | | | | | | | | | | | | |
| 368 Dup | | | | | | | | | | | | | | | | |
| 382 Orig | 0.02 | 0.009 | 0.016 | 0.08 | < 2 | 1 | 4 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 4 | < 10 | 2 | 2 |
| 382 Split Prep dup | 0.02 | 0.010 | 0.016 | 0.08 | 2 | 1 | 4 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 4 | < 10 | 2 | 2 |
| Method Blank | | | | | | | | | | | | | | | | |
| Method Blank | | | | | | | | | | | | | | | | |
| Method Blank | < 0.01 | 0.007 | < 0.001 | < 0.01 | < 2 | < 1 | < 1 | < 0.01 | < 20 | < 1 | < 2 | < 10 | < 1 | < 10 | < 1 | < 1 |

*Quality Analysis ...* *Innovative Technologies*

**Report No.:** **A24-11922**
**Report Date:** **06-Nov-24**
**Date Submitted:** **02-Oct-24**
**Your Reference:** **Spanish**

**LLoyd Addie**
**1705 Hall Mines Road**
**Nelson BC V1L 1G8**
**Canada**

**ATTN: Lloyd Addie**

# CERTIFICATE OF ANALYSIS

30 Rock samples were submitted for analysis.

| The following analytical package(s) were requested: | | Testing Date: |
|---|---|---|
| 1A2-Kamloops | QOP AA-Au (Au - Fire Assay AA) | 2024-10-17 13:54:14 |
| 1E3-Kamloops | QOP AquaGeo (Aqua Regia ICPOES) | 2024-10-26 15:13:27 |
| Sieve Report-Kamloops Internal | Sieve Report Internal | 2024-10-18 13:19:13 |

REPORT **A24-11922**



Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

Values which exceed the upper limit should be assayed for accurate numbers.

Refer to the Scope of Accreditation for information on accredited elements.

SCC Accredited LAB LAB Accrédité CCN TM

CERTIFIED BY:

Mark Vandergeest
Quality Control Coordinator

**ACTIVATION LABORATORIES LTD.**
1790 Versatile Drive, Kamloops, British Columbia, Canada, V1S 1S2
TELEPHONE +250 573-4484 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Kamloops@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

| Analyte Symbol | Au | Ag | Cd | Cu | Mn | Mo | Ni | Pb | Zn | Al | As | B | Ba | Be | Bi | Ca | Co | Cr | Fe | Ga | Hg | K | La |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit Symbol | ppb | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % | ppm |
| Lower Limit | 5 | 0.2 | 0.5 | 1 | 5 | 1 | 1 | 2 | 2 | 0.01 | 2 | 10 | 10 | 0.5 | 2 | 0.01 | 1 | 1 | 0.01 | 10 | 1 | 0.01 | 10 |
| Method Code | FA-AA | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP |
| 383 | 22 | 0.3 | < 0.5 | 18 | 35 | 3 | 12 | 8 | 99 | 0.38 | 10 | 35 | 67 | < 0.5 | < 2 | 0.02 | < 1 | 11 | 0.63 | < 10 | < 1 | 0.20 | 15 |
| 384 | 6 | 0.4 | 1.4 | 81 | 150 | 36 | 233 | 14 | 1160 | 0.88 | 80 | 24 | 81 | 0.9 | < 2 | 0.03 | 8 | 52 | 8.93 | < 10 | 2 | 0.20 | 16 |
| 385 | < 5 | 0.4 | < 0.5 | 52 | 449 | 4 | 28 | 15 | 135 | 0.11 | 9 | 39 | 23 | < 0.5 | < 2 | 0.02 | 6 | 29 | 1.86 | < 10 | < 1 | 0.03 | < 10 |
| 386 | < 5 | < 0.2 | < 0.5 | 59 | 861 | < 1 | 11 | 47 | 139 | 2.26 | < 2 | 33 | 42 | < 0.5 | < 2 | 0.41 | 13 | 20 | 5.33 | < 10 | < 1 | 0.05 | 13 |
| 387 | 33 | 2.4 | < 0.5 | 355 | 367 | 3 | 10 | 166 | 64 | 1.40 | 134 | 31 | 11 | < 0.5 | < 2 | 0.14 | 25 | 19 | 7.65 | < 10 | < 1 | 0.07 | < 10 |
| 389 | 42 | < 0.2 | < 0.5 | 64 | 1230 | 1 | 19 | 2 | 71 | 2.33 | 13 | 36 | 81 | < 0.5 | < 2 | 1.75 | 20 | 32 | 4.90 | < 10 | < 1 | 0.20 | < 10 |
| 390 | < 5 | < 0.2 | < 0.5 | 59 | 1010 | < 1 | 11 | < 2 | 86 | 2.41 | < 2 | 30 | 63 | < 0.5 | < 2 | 1.63 | 12 | 16 | 5.52 | < 10 | < 1 | 0.24 | 12 |
| 391 | < 5 | < 0.2 | < 0.5 | 96 | 1450 | < 1 | 21 | 4 | 60 | 1.04 | 34 | 25 | 88 | < 0.5 | < 2 | 6.81 | 19 | 19 | 5.15 | < 10 | < 1 | 0.07 | < 10 |
| 392 | < 5 | 0.3 | 0.6 | 110 | 557 | 8 | 30 | 22 | 119 | 1.05 | 35 | 32 | 162 | < 0.5 | < 2 | 0.13 | 12 | 12 | 3.22 | < 10 | < 1 | 0.17 | < 10 |
| 393 | 9 | 0.4 | < 0.5 | 75 | 150 | 10 | 8 | 22 | 112 | 0.42 | 51 | 35 | 174 | < 0.5 | < 2 | 0.07 | 2 | 14 | 3.39 | < 10 | < 1 | 0.18 | 17 |
| 394 | 17 | 0.6 | < 0.5 | 130 | 167 | 43 | 13 | 44 | 221 | 0.59 | 96 | 33 | 252 | < 0.5 | 3 | 0.03 | 2 | 11 | 6.87 | < 10 | < 1 | 0.25 | < 10 |
| 395 | < 5 | < 0.2 | < 0.5 | 135 | 722 | 4 | 20 | 11 | 79 | 1.80 | < 2 | 40 | 54 | 0.6 | < 2 | 0.84 | 21 | 39 | 5.62 | < 10 | < 1 | 0.07 | 17 |
| 396 | < 5 | < 0.2 | < 0.5 | 51 | 332 | 46 | 77 | 17 | 262 | 0.89 | 15 | 30 | 112 | < 0.5 | < 2 | 0.05 | 10 | 30 | 2.63 | < 10 | < 1 | 0.27 | 14 |
| 397 | < 5 | 0.4 | 4.9 | 77 | 415 | 7 | 83 | 8 | 352 | 1.63 | 18 | 28 | 85 | < 0.5 | < 2 | 0.17 | 7 | 28 | 2.55 | < 10 | < 1 | 0.24 | 17 |
| 398 | < 5 | < 0.2 | 1.8 | 50 | 388 | 17 | 20 | 5 | 139 | 0.55 | 189 | 29 | 96 | < 0.5 | < 2 | 0.03 | 10 | 12 | 4.41 | < 10 | < 1 | 0.13 | < 10 |
| 399 | < 5 | < 0.2 | 1.3 | 32 | 108 | 10 | 21 | 16 | 244 | 0.80 | 128 | 31 | 229 | < 0.5 | < 2 | 0.31 | 5 | 18 | 3.15 | < 10 | < 1 | 0.23 | 11 |
| 400 | < 5 | 0.2 | < 0.5 | 57 | 687 | < 1 | 28 | 17 | 46 | 0.78 | 35 | 30 | 67 | < 0.5 | < 2 | 1.22 | 10 | 16 | 2.99 | < 10 | < 1 | 0.10 | 13 |
| 401 | 130 | 1.0 | 3.4 | 140 | 552 | 50 | 117 | 31 | 417 | 0.51 | 94 | 30 | 64 | < 0.5 | < 2 | 0.07 | 26 | 8 | 6.03 | < 10 | < 1 | 0.14 | < 10 |
| 402 | 100 | 0.5 | < 0.5 | 32 | 152 | 28 | 19 | 28 | 61 | 0.54 | 40 | 34 | 75 | < 0.5 | < 2 | 0.03 | 3 | 12 | 2.68 | < 10 | < 1 | 0.14 | 16 |
| 403 | 69 | 0.6 | 14.1 | 20 | 1610 | 10 | 92 | 8 | 198 | 0.43 | 35 | 30 | 91 | < 0.5 | < 2 | 0.04 | 9 | 11 | 1.05 | < 10 | < 1 | 0.15 | 13 |
| 404 | 71 | 0.4 | 1.3 | 79 | 473 | 46 | 81 | 26 | 227 | 0.62 | 72 | 31 | 60 | < 0.5 | < 2 | 0.08 | 17 | 8 | 4.07 | < 10 | < 1 | 0.11 | 16 |
| 405 | 84 | 0.4 | < 0.5 | 19 | 289 | 21 | 20 | 20 | 55 | 0.51 | 43 | 28 | 73 | < 0.5 | < 2 | 0.02 | 4 | 13 | 1.47 | < 10 | < 1 | 0.15 | 15 |
| 406 | 104 | 0.7 | 0.6 | 40 | 350 | 32 | 22 | 38 | 80 | 0.56 | 62 | 26 | 72 | < 0.5 | < 2 | 0.02 | 5 | 14 | 2.53 | < 10 | < 1 | 0.15 | 12 |
| 407 | 18 | 0.3 | 2.7 | 89 | 1380 | 9 | 86 | 7 | 204 | 0.50 | 97 | 29 | 122 | < 0.5 | < 2 | 0.03 | 14 | 25 | 3.35 | < 10 | < 1 | 0.09 | 10 |
| 408 | 10 | < 0.2 | 1.2 | 85 | 1090 | 10 | 424 | < 2 | 334 | 4.55 | 173 | 23 | 18 | < 0.5 | < 2 | 0.11 | 45 | 930 | 7.64 | 10 | 3 | 0.03 | < 10 |
| 409 | 26 | 0.4 | 1.0 | 64 | 450 | 17 | 53 | 4 | 190 | 0.48 | 94 | 28 | 105 | < 0.5 | < 2 | 0.03 | 6 | 18 | 2.73 | < 10 | < 1 | 0.11 | < 10 |
| 410 | 5 | < 0.2 | 0.7 | 13 | 651 | 5 | 17 | < 2 | 46 | 0.09 | 8 | 43 | 27 | < 0.5 | < 2 | 0.09 | 2 | 29 | 1.77 | < 10 | < 1 | < 0.01 | < 10 |
| 411 | 164 | 0.4 | 1.1 | 126 | 202 | 37 | 47 | 48 | 239 | 0.51 | 91 | 27 | 88 | < 0.5 | < 2 | 0.03 | 10 | 8 | 6.04 | < 10 | < 1 | 0.13 | 11 |
| 412 | 207 | 0.5 | 1.4 | 114 | 152 | 39 | 33 | 68 | 211 | 0.63 | 108 | 19 | 76 | < 0.5 | < 2 | 0.03 | 5 | 9 | 5.82 | < 10 | < 1 | 0.13 | 11 |
| 313 | < 5 | < 0.2 | < 0.5 | 12 | 655 | 2 | 79 | < 2 | 90 | 1.91 | 21 | 32 | < 10 | < 0.5 | < 2 | 1.13 | 15 | 109 | 3.15 | < 10 | < 1 | < 0.01 | < 10 |

| Analyte Symbol | Mg | Na | P | S | Sb | Sc | Sr | Ti | Th | Te | Tl | U | V | W | Y | Zr |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit Symbol | % | % | % | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Lower Limit | 0.01 | 0.001 | 0.001 | 0.01 | 2 | 1 | 1 | 0.01 | 20 | 1 | 2 | 10 | 1 | 10 | 1 | 1 |
| Method Code | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP |
| 383 | 0.04 | 0.011 | 0.008 | < 0.01 | < 2 | 1 | 3 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 18 | < 10 | 3 | 5 |
| 384 | 0.09 | 0.013 | 0.085 | 0.03 | 36 | 4 | 27 | < 0.01 | < 20 | < 1 | 2 | < 10 | 101 | < 10 | 15 | 5 |
| 385 | 0.03 | 0.008 | 0.012 | 0.10 | 3 | < 1 | 2 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 4 | < 10 | 1 | 2 |
| 386 | 1.68 | 0.045 | 0.108 | 0.02 | < 2 | 11 | 19 | 0.01 | < 20 | < 1 | < 2 | < 10 | 92 | < 10 | 16 | 4 |
| 387 | 0.88 | 0.013 | 0.076 | 3.27 | 4 | 5 | 12 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 76 | < 10 | 2 | 4 |
| 389 | 1.39 | 0.036 | 0.082 | 0.34 | 3 | 16 | 86 | 0.43 | < 20 | 8 | < 2 | < 10 | 94 | < 10 | 11 | 12 |
| 390 | 1.63 | 0.021 | 0.105 | 0.75 | 3 | 8 | 51 | 0.36 | < 20 | < 1 | < 2 | < 10 | 52 | < 10 | 17 | 11 |
| 391 | 2.92 | 0.012 | 0.090 | 0.22 | 4 | 10 | 324 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 79 | < 10 | 10 | 2 |
| 392 | 0.28 | 0.019 | 0.045 | 0.09 | < 2 | 3 | 16 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 20 | < 10 | 3 | 6 |
| 393 | 0.05 | 0.028 | 0.040 | 0.04 | 4 | 1 | 15 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 33 | < 10 | 2 | 5 |
| 394 | 0.07 | 0.030 | 0.058 | 0.06 | 5 | 2 | 9 | < 0.01 | < 20 | 2 | < 2 | < 10 | 50 | < 10 | 2 | 5 |
| 395 | 1.48 | 0.065 | 0.148 | 0.93 | 2 | 10 | 34 | 0.44 | < 20 | 5 | < 2 | < 10 | 209 | < 10 | 20 | 14 |
| 396 | 0.30 | 0.012 | 0.026 | 0.02 | < 2 | 3 | 7 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 76 | < 10 | 3 | 9 |
| 397 | 0.83 | 0.012 | 0.039 | 0.02 | < 2 | 3 | 16 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 42 | < 10 | 6 | 7 |
| 398 | 0.10 | 0.038 | 0.036 | 0.52 | 2 | 3 | 8 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 23 | < 10 | 3 | 10 |
| 399 | 0.05 | 0.048 | 0.254 | 0.03 | < 2 | 3 | 45 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 39 | < 10 | 5 | 1 |
| 400 | 0.49 | 0.047 | 0.077 | 0.03 | 2 | 5 | 29 | < 0.01 | < 20 | 1 | < 2 | < 10 | 20 | < 10 | 5 | 2 |
| 401 | 0.05 | 0.018 | 0.054 | 0.01 | 12 | 3 | 8 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 20 | < 10 | 9 | 5 |
| 402 | 0.03 | 0.030 | 0.021 | 0.04 | 5 | 1 | 17 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 19 | < 10 | 2 | 14 |
| 403 | 0.04 | 0.020 | 0.015 | 0.01 | 2 | 1 | 8 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 24 | < 10 | 3 | 9 |
| 404 | 0.10 | 0.014 | 0.042 | 0.01 | 6 | 2 | 7 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 10 | < 10 | 3 | 5 |
| 405 | 0.03 | 0.015 | 0.010 | < 0.01 | 5 | 1 | 9 | < 0.01 | < 20 | 4 | < 2 | < 10 | 17 | < 10 | 2 | 9 |
| 406 | 0.03 | 0.014 | 0.016 | < 0.01 | 8 | 1 | 8 | < 0.01 | < 20 | 3 | < 2 | < 10 | 16 | < 10 | 2 | 12 |
| 407 | 0.03 | 0.019 | 0.034 | < 0.01 | 3 | 5 | 23 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 16 | < 10 | 5 | 4 |
| 408 | 4.62 | 0.008 | 0.112 | < 0.01 | 8 | 11 | 7 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 225 | < 10 | 4 | 5 |
| 409 | 0.05 | 0.017 | 0.017 | < 0.01 | 3 | 3 | 20 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 18 | < 10 | 2 | 8 |
| 410 | 0.02 | 0.010 | 0.053 | < 0.01 | < 2 | 1 | 8 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 5 | < 10 | 2 | 1 |
| 411 | 0.03 | 0.012 | 0.094 | 0.01 | 11 | 3 | 21 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 18 | < 10 | 5 | 3 |
| 412 | 0.05 | 0.011 | 0.130 | 0.02 | 10 | 3 | 13 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 16 | < 10 | 6 | 2 |
| 313 | 2.30 | 0.006 | 0.034 | < 0.01 | < 2 | 7 | 24 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 56 | < 10 | 2 | 4 |

| Analyte Symbol | Au | Ag | Cd | Cu | Mn | Mo | Ni | Pb | Zn | Al | As | B | Ba | Be | Bi | Ca | Co | Cr | Fe | Ga | Hg | K | La |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit Symbol | ppb | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % | ppm |
| Lower Limit | 5 | 0.2 | 0.5 | 1 | 5 | 1 | 1 | 2 | 2 | 0.01 | 2 | 10 | 10 | 0.5 | 2 | 0.01 | 1 | 1 | 0.01 | 10 | 1 | 0.01 | 10 |
| Method Code | FA-AA | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP |
| OREAS 904 (Aqua Regia) Meas | | 0.3 | < 0.5 | 6270 | 433 | < 1 | 34 | 11 | 24 | 1.88 | 87 | | 74 | 6.9 | < 2 | 0.05 | 93 | 24 | 6.58 | < 10 | | 0.85 | 41 |
| OREAS 904 (Aqua Regia) Cert | | 0.366 | 0.0580 | 6300 | 410 | 2.02 | 36.6 | 8.49 | 22.4 | 1.25 | 91.0 | | 68.0 | 6.54 | 3.74 | 0.0404 | 82.0 | 17.5 | 6.40 | 3.40 | | 0.603 | 33.9 |
| OREAS 904 (Aqua Regia) Meas | | 0.4 | < 0.5 | 6000 | 416 | 1 | 33 | 9 | 23 | 1.71 | 88 | | 72 | 6.8 | 8 | 0.05 | 90 | 23 | 6.28 | < 10 | | 0.77 | 40 |
| OREAS 904 (Aqua Regia) Cert | | 0.366 | 0.0580 | 6300 | 410 | 2.02 | 36.6 | 8.49 | 22.4 | 1.25 | 91.0 | | 68.0 | 6.54 | 3.74 | 0.0404 | 82.0 | 17.5 | 6.40 | 3.40 | | 0.603 | 33.9 |
| OREAS 904 (Aqua Regia) Meas | | 0.3 | < 0.5 | 5890 | 418 | 3 | 32 | 9 | 24 | 1.74 | 83 | | 70 | 6.8 | 4 | 0.04 | 91 | 23 | 6.25 | < 10 | | 0.78 | 39 |
| OREAS 904 (Aqua Regia) Cert | | 0.366 | 0.0580 | 6300 | 410 | 2.02 | 36.6 | 8.49 | 22.4 | 1.25 | 91.0 | | 68.0 | 6.54 | 3.74 | 0.0404 | 82.0 | 17.5 | 6.40 | 3.40 | | 0.603 | 33.9 |
| OREAS 904 (Aqua Regia) Meas | | 0.4 | < 0.5 | 6110 | 432 | 2 | 33 | 9 | 24 | 1.77 | 88 | | 74 | 6.9 | 9 | 0.05 | 92 | 23 | 6.41 | < 10 | | 0.81 | 41 |
| OREAS 904 (Aqua Regia) Cert | | 0.366 | 0.0580 | 6300 | 410 | 2.02 | 36.6 | 8.49 | 22.4 | 1.25 | 91.0 | | 68.0 | 6.54 | 3.74 | 0.0404 | 82.0 | 17.5 | 6.40 | 3.40 | | 0.603 | 33.9 |
| OREAS 921 (AQUA REGIA) Meas | | < 0.2 | < 0.5 | 300 | | | | 31 | 126 | 2.73 | 4 | | | | | 0.41 | 16 | | 4.15 | | | | |
| OREAS 921 (AQUA REGIA) Cert | | 0.164 | 0.085 | 278 | | | | 26.0000 | 124 | 2.48 | 4.46 | | | | | 0.322 | 15.5 | | 3.83 | | | | |
| OREAS 921 (AQUA REGIA) Meas | | < 0.2 | < 0.5 | 283 | | | | 27 | 121 | 2.63 | 5 | | | | | 0.40 | 15 | | 3.98 | | | | |
| OREAS 921 (AQUA REGIA) Cert | | 0.164 | 0.085 | 278 | | | | 26.0000 | 124 | 2.48 | 4.46 | | | | | 0.322 | 15.5 | | 3.83 | | | | |
| OREAS 921 (AQUA REGIA) Meas | | < 0.2 | < 0.5 | 301 | | | | 25 | 129 | 2.65 | 4 | | | | | 0.41 | 16 | | 4.07 | | | | |
| OREAS 921 (AQUA REGIA) Cert | | 0.164 | 0.085 | 278 | | | | 26.0000 | 124 | 2.48 | 4.46 | | | | | 0.322 | 15.5 | | 3.83 | | | | |
| OREAS 924 (AQUA REGIA) Meas | | 1.9 | < 0.5 | 5300 | | | | 93 | 357 | 2.81 | 6 | | | | | 0.40 | 22 | | 6.25 | | | | |
| OREAS 924 (AQUA REGIA) Cert | | 1.92 | 0.46 | 5160.000 | | | | 92 | 370 | 2.76 | 7.80 | | | | | 0.318 | 22.7 | | 5.88 | | | | |
| OREAS 924 (AQUA REGIA) Meas | | 2.0 | < 0.5 | 5230 | | | | 88 | 354 | 2.63 | 6 | | | | | 0.36 | 21 | | 5.96 | | | | |
| OREAS 924 (AQUA REGIA) Cert | | 1.92 | 0.46 | 5160.000 | | | | 92 | 370 | 2.76 | 7.80 | | | | | 0.318 | 22.7 | | 5.88 | | | | |
| OREAS 924 (AQUA REGIA) Meas | | 2.0 | < 0.5 | 5370 | | | | 93 | 361 | 2.68 | 7 | | | | | 0.37 | 22 | | 6.14 | | | | |
| OREAS 924 (AQUA REGIA) Cert | | 1.92 | 0.46 | 5160.000 | | | | 92 | 370 | 2.76 | 7.80 | | | | | 0.318 | 22.7 | | 5.88 | | | | |
| OREAS 907 (Aqua Regia) Meas | | 1.3 | < 0.5 | 6290 | 333 | 5 | 5 | 35 | 145 | 1.19 | 34 | | 229 | 1.0 | 22 | 0.28 | 47 | 8 | 8.22 | 10 | | 0.34 | 39 |
| OREAS 907 (Aqua Regia) Cert | | 1.30 | 0.540 | 6370 | 330 | 5.64 | 4.74 | 34.1 | 139 | 0.945 | 37.0 | | 225 | 0.870 | 22.3 | 0.280 | 43.7 | 8.59 | 8.18 | 14.7 | | 0.286 | 36.1 |

| Analyte Symbol | Au | Ag | Cd | Cu | Mn | Mo | Ni | Pb | Zn | Al | As | B | Ba | Be | Bi | Ca | Co | Cr | Fe | Ga | Hg | K | La |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit Symbol | ppb | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % | ppm |
| Lower Limit | 5 | 0.2 | 0.5 | 1 | 5 | 1 | 1 | 2 | 2 | 0.01 | 2 | 10 | 10 | 0.5 | 2 | 0.01 | 1 | 1 | 0.01 | 10 | 1 | 0.01 | 10 |
| Method Code | FA-AA | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP |
| OREAS 907 (Aqua Regia) Meas | | 1.4 | < 0.5 | 6120 | 326 | 5 | 5 | 32 | 138 | 1.04 | 31 | | 210 | 0.9 | 19 | 0.27 | 45 | 8 | 7.97 | 10 | | 0.29 | 38 |
| OREAS 907 (Aqua Regia) Cert | | 1.30 | 0.540 | 6370 | 330 | 5.64 | 4.74 | 34.1 | 139 | 0.945 | 37.0 | | 225 | 0.870 | 22.3 | 0.280 | 43.7 | 8.59 | 8.18 | 14.7 | | 0.286 | 36.1 |
| OREAS 907 (Aqua Regia) Meas | | 1.3 | < 0.5 | 6240 | 348 | 6 | 7 | 34 | 145 | 1.16 | 34 | | 229 | 1.0 | 22 | 0.28 | 48 | 12 | 8.19 | 20 | | 0.33 | 40 |
| OREAS 907 (Aqua Regia) Cert | | 1.30 | 0.540 | 6370 | 330 | 5.64 | 4.74 | 34.1 | 139 | 0.945 | 37.0 | | 225 | 0.870 | 22.3 | 0.280 | 43.7 | 8.59 | 8.18 | 14.7 | | 0.286 | 36.1 |
| Oreas 621 (Aqua Regia) Meas | | 68.9 | 288 | 3530 | 513 | 12 | 24 | > 5000 | > 10000 | 1.76 | 71 | | | 0.5 | < 2 | 1.68 | 30 | 29 | 3.42 | < 10 | 5 | 0.35 | 19 |
| Oreas 621 (Aqua Regia) Cert | | 68.0 | 278 | 3660 | 520 | 13.3 | 25.8 | 13600 | 51700 | 1.60 | 75.0 | | | 0.530 | 3.85 | 1.65 | 27.9 | 31.3 | 3.43 | 9.29 | 3.93 | 0.333 | 19.4 |
| Oreas 621 (Aqua Regia) Meas | | 67.8 | 297 | 3660 | 528 | 13 | 25 | > 5000 | > 10000 | 1.78 | 72 | | | 0.5 | < 2 | 1.72 | 31 | 29 | 3.47 | < 10 | 4 | 0.35 | 19 |
| Oreas 621 (Aqua Regia) Cert | | 68.0 | 278 | 3660 | 520 | 13.3 | 25.8 | 13600 | 51700 | 1.60 | 75.0 | | | 0.530 | 3.85 | 1.65 | 27.9 | 31.3 | 3.43 | 9.29 | 3.93 | 0.333 | 19.4 |
| Oreas 621 (Aqua Regia) Meas | | 69.3 | 291 | 3610 | 516 | 13 | 23 | > 5000 | > 10000 | 1.65 | 74 | | | 0.5 | 3 | 1.66 | 30 | 29 | 3.40 | < 10 | 4 | 0.31 | 19 |
| Oreas 621 (Aqua Regia) Cert | | 68.0 | 278 | 3660 | 520 | 13.3 | 25.8 | 13600 | 51700 | 1.60 | 75.0 | | | 0.530 | 3.85 | 1.65 | 27.9 | 31.3 | 3.43 | 9.29 | 3.93 | 0.333 | 19.4 |
| Oreas 621 (Aqua Regia) Meas | | 67.5 | 282 | 3560 | 508 | 10 | 24 | > 5000 | > 10000 | 1.58 | 73 | | | < 0.5 | 2 | 1.65 | 30 | 28 | 3.33 | < 10 | 4 | 0.30 | 19 |
| Oreas 621 (Aqua Regia) Cert | | 68.0 | 278 | 3660 | 520 | 13.3 | 25.8 | 13600 | 51700 | 1.60 | 75.0 | | | 0.530 | 3.85 | 1.65 | 27.9 | 31.3 | 3.43 | 9.29 | 3.93 | 0.333 | 19.4 |
| OREAS 45f (Aqua Regia) Meas | | | | 373 | 160 | < 1 | 220 | 16 | 26 | 6.90 | | | 143 | 1.0 | < 2 | 0.07 | 40 | 345 | 14.4 | 20 | 1 | 0.10 | 12 |
| OREAS 45f (Aqua Regia) Cert | | | | 336 | 150 | 1.19 | 192 | 12.4 | 22.2 | 4.81 | | | 158 | 0.980 | 0.170 | 0.0750 | 39.2 | 341 | 13.7 | 20.3 | 0.0310 | 0.0820 | 10.7 |
| OREAS 45f (Aqua Regia) Meas | | | | 372 | 161 | < 1 | 218 | 10 | 25 | 6.69 | | | 143 | 1.0 | < 2 | 0.07 | 39 | 346 | 14.1 | 20 | < 1 | 0.10 | 12 |
| OREAS 45f (Aqua Regia) Cert | | | | 336 | 150 | 1.19 | 192 | 12.4 | 22.2 | 4.81 | | | 158 | 0.980 | 0.170 | 0.0750 | 39.2 | 341 | 13.7 | 20.3 | 0.0310 | 0.0820 | 10.7 |
| OREAS 45f (Aqua Regia) Meas | | | | 366 | 163 | < 1 | 214 | 7 | 25 | 6.79 | | | 140 | 1.0 | < 2 | 0.07 | 38 | 339 | 13.9 | 20 | < 1 | 0.10 | 12 |
| OREAS 45f (Aqua Regia) Cert | | | | 336 | 150 | 1.19 | 192 | 12.4 | 22.2 | 4.81 | | | 158 | 0.980 | 0.170 | 0.0750 | 39.2 | 341 | 13.7 | 20.3 | 0.0310 | 0.0820 | 10.7 |
| OREAS 45f (Aqua Regia) Meas | | | | 369 | 162 | < 1 | 212 | 6 | 27 | 6.57 | | | 140 | 1.0 | < 2 | 0.07 | 38 | 340 | 14.1 | 20 | 2 | 0.09 | 12 |
| OREAS 45f (Aqua Regia) Cert | | | | 336 | 150 | 1.19 | 192 | 12.4 | 22.2 | 4.81 | | | 158 | 0.980 | 0.170 | 0.0750 | 39.2 | 341 | 13.7 | 20.3 | 0.0310 | 0.0820 | 10.7 |
| OREAS 239 (Fire Assay) Meas | 3690 | | | | | | | | | | | | | | | | | | | | | | |
| OREAS 239 (Fire Assay) Cert | 3550 | | | | | | | | | | | | | | | | | | | | | | |
| OREAS 263 (Aqua Regia) Meas | | 0.3 | < 0.5 | 91 | 507 | < 1 | 71 | 38 | 129 | 2.03 | 27 | | 188 | 1.3 | < 2 | 1.13 | 34 | 58 | 3.88 | < 10 | < 1 | 0.41 | |
| OREAS 263 (Aqua Regia) Cert | | 0.285 | 0.270 | 87.0 | 490 | 0.570 | 72.0 | 34.0 | 127 | 1.29 | 30.8 | | 175 | 1.22 | 0.570 | 1.03 | 31.0 | 48.0 | 3.68 | 4.92 | 0.170 | 0.288 | |
| OREAS 263 (Aqua Regia) Meas | | 0.3 | < 0.5 | 90 | 509 | < 1 | 70 | 36 | 128 | 1.90 | 27 | | 181 | 1.3 | < 2 | 1.12 | 34 | 57 | 3.83 | < 10 | < 1 | 0.38 | |
| OREAS 263 (Aqua Regia) Cert | | 0.285 | 0.270 | 87.0 | 490 | 0.570 | 72.0 | 34.0 | 127 | 1.29 | 30.8 | | 175 | 1.22 | 0.570 | 1.03 | 31.0 | 48.0 | 3.68 | 4.92 | 0.170 | 0.288 | |
| OREAS 263 (Aqua Regia) Meas | | 0.3 | < 0.5 | 86 | 497 | < 1 | 68 | 35 | 125 | 1.61 | 28 | | 165 | 1.2 | < 2 | 1.09 | 33 | 51 | 3.72 | < 10 | < 1 | 0.30 | |

| Analyte Symbol | Au | Ag | Cd | Cu | Mn | Mo | Ni | Pb | Zn | Al | As | B | Ba | Be | Bi | Ca | Co | Cr | Fe | Ga | Hg | K | La |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit Symbol | ppb | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % | ppm |
| Lower Limit | 5 | 0.2 | 0.5 | 1 | 5 | 1 | 1 | 2 | 2 | 0.01 | 2 | 10 | 10 | 0.5 | 2 | 0.01 | 1 | 1 | 0.01 | 10 | 1 | 0.01 | 10 |
| Method Code | FA-AA | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP |
| OREAS 263 (Aqua Regia) Cert | | 0.285 | 0.270 | 87.0 | 490 | 0.570 | 72.0 | 34.0 | 127 | 1.29 | 30.8 | | 175 | 1.22 | 0.570 | 1.03 | 31.0 | 48.0 | 3.68 | 4.92 | 0.170 | 0.288 | |
| OREAS 263 (Aqua Regia) Meas | | 0.3 | < 0.5 | 91 | 521 | < 1 | 71 | 36 | 132 | 1.93 | 32 | | 190 | 1.3 | < 2 | 1.15 | 35 | 57 | 3.93 | < 10 | < 1 | 0.38 | |
| OREAS 263 (Aqua Regia) Cert | | 0.285 | 0.270 | 87.0 | 490 | 0.570 | 72.0 | 34.0 | 127 | 1.29 | 30.8 | | 175 | 1.22 | 0.570 | 1.03 | 31.0 | 48.0 | 3.68 | 4.92 | 0.170 | 0.288 | |
| Oreas E1336 (Fire Assay) Meas | 522 | | | | | | | | | | | | | | | | | | | | | | |
| Oreas E1336 (Fire Assay) Cert | 510 | | | | | | | | | | | | | | | | | | | | | | |
| 392 Orig | | 0.3 | 0.6 | 110 | 550 | 8 | 31 | 22 | 118 | 1.03 | 34 | 32 | 156 | < 0.5 | < 2 | 0.13 | 13 | 12 | 3.18 | < 10 | < 1 | 0.16 | < 10 |
| 392 Dup | | 0.3 | 0.6 | 111 | 564 | 9 | 30 | 22 | 120 | 1.08 | 35 | 32 | 167 | < 0.5 | < 2 | 0.13 | 12 | 13 | 3.25 | < 10 | < 1 | 0.17 | < 10 |
| 393 Orig | 9 | | | | | | | | | | | | | | | | | | | | | | |
| 393 Dup | 9 | | | | | | | | | | | | | | | | | | | | | | |
| 406 Orig | 102 | | | | | | | | | | | | | | | | | | | | | | |
| 406 Dup | 106 | | | | | | | | | | | | | | | | | | | | | | |
| 409 Orig | | 0.4 | 1.0 | 64 | 454 | 17 | 54 | 4 | 192 | 0.50 | 94 | 28 | 111 | < 0.5 | < 2 | 0.03 | 7 | 19 | 2.75 | < 10 | < 1 | 0.12 | < 10 |
| 409 Dup | | 0.4 | 1.0 | 64 | 446 | 17 | 52 | 4 | 188 | 0.46 | 93 | 28 | 99 | < 0.5 | < 2 | 0.03 | 6 | 18 | 2.70 | < 10 | < 1 | 0.11 | < 10 |
| 313 Orig | < 5 | < 0.2 | < 0.5 | 12 | 655 | 2 | 79 | < 2 | 90 | 1.91 | 21 | 32 | < 10 | < 0.5 | < 2 | 1.13 | 15 | 109 | 3.15 | < 10 | < 1 | < 0.01 | < 10 |
| 313 Split Prep dup | < 5 | < 0.2 | < 0.5 | 11 | 645 | 2 | 79 | < 2 | 87 | 1.87 | 22 | 34 | < 10 | < 0.5 | < 2 | 1.10 | 14 | 108 | 3.09 | < 10 | < 1 | < 0.01 | < 10 |
| Method Blank | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| Method Blank | < 5 | | | | | | | | | | | | | | | | | | | | | | |
| Method Blank | | < 0.2 | < 0.5 | < 1 | < 5 | < 1 | < 1 | < 2 | < 2 | < 0.01 | < 2 | 35 | < 10 | < 0.5 | < 2 | < 0.01 | < 1 | < 1 | < 0.01 | < 10 | < 1 | < 0.01 | < 10 |
| Method Blank | | < 0.2 | < 0.5 | < 1 | < 5 | < 1 | < 1 | < 2 | < 2 | < 0.01 | < 2 | < 10 | < 10 | < 0.5 | < 2 | < 0.01 | < 1 | < 1 | < 0.01 | < 10 | < 1 | < 0.01 | < 10 |
| Method Blank | | < 0.2 | < 0.5 | < 1 | < 5 | < 1 | < 1 | < 2 | < 2 | < 0.01 | < 2 | 47 | < 10 | < 0.5 | < 2 | < 0.01 | < 1 | < 1 | < 0.01 | < 10 | < 1 | < 0.01 | < 10 |
| Method Blank | | < 0.2 | < 0.5 | < 1 | < 5 | < 1 | < 1 | < 2 | < 2 | < 0.01 | < 2 | < 10 | < 10 | < 0.5 | < 2 | < 0.01 | < 1 | < 1 | < 0.01 | < 10 | < 1 | < 0.01 | < 10 |
| Method Blank | | < 0.2 | < 0.5 | < 1 | < 5 | < 1 | < 1 | < 2 | < 2 | < 0.01 | < 2 | < 10 | < 10 | < 0.5 | < 2 | < 0.01 | < 1 | < 1 | < 0.01 | < 10 | < 1 | < 0.01 | < 10 |
| Method Blank | | < 0.2 | < 0.5 | < 1 | < 5 | < 1 | < 1 | < 2 | < 2 | < 0.01 | < 2 | 56 | < 10 | < 0.5 | < 2 | < 0.01 | < 1 | < 1 | < 0.01 | < 10 | < 1 | < 0.01 | < 10 |

| Analyte Symbol | Mg | Na | P | S | Sb | Sc | Sr | Ti | Th | Te | Tl | U | V | W | Y | Zr |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit Symbol | % | % | % | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Lower Limit | 0.01 | 0.001 | 0.001 | 0.01 | 2 | 1 | 1 | 0.01 | 20 | 1 | 2 | 10 | 1 | 10 | 1 | 1 |
| Method Code | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP |
| OREAS 904 (Aqua Regia) Meas | 0.20 | | 0.103 | 0.04 | 4 | 4 | 19 | | < 20 | | < 2 | < 10 | 29 | | 19 | |
| OREAS 904 (Aqua Regia) Cert | 0.143 | | 0.0950 | 0.0340 | 0.780 | 3.83 | 16.5 | | 7.56 | | 0.150 | 5.20 | 21.7 | | 17.2 | |
| OREAS 904 (Aqua Regia) Meas | 0.18 | | 0.098 | 0.04 | 4 | 4 | 18 | | < 20 | | < 2 | < 10 | 28 | | 18 | |
| OREAS 904 (Aqua Regia) Cert | 0.143 | | 0.0950 | 0.0340 | 0.780 | 3.83 | 16.5 | | 7.56 | | 0.150 | 5.20 | 21.7 | | 17.2 | |
| OREAS 904 (Aqua Regia) Meas | 0.18 | | 0.098 | 0.04 | 3 | 4 | 18 | | < 20 | | < 2 | < 10 | 28 | | 18 | |
| OREAS 904 (Aqua Regia) Cert | 0.143 | | 0.0950 | 0.0340 | 0.780 | 3.83 | 16.5 | | 7.56 | | 0.150 | 5.20 | 21.7 | | 17.2 | |
| OREAS 904 (Aqua Regia) Meas | 0.19 | | 0.101 | 0.04 | 4 | 4 | 19 | | < 20 | | < 2 | < 10 | 28 | | 19 | |
| OREAS 904 (Aqua Regia) Cert | 0.143 | | 0.0950 | 0.0340 | 0.780 | 3.83 | 16.5 | | 7.56 | | 0.150 | 5.20 | 21.7 | | 17.2 | |
| OREAS 921 (AQUA REGIA) Meas | 1.18 | | | 0.07 | < 2 | | | | | | | | | | | |
| OREAS 921 (AQUA REGIA) Cert | 1.15 | | | 0.068 | 0.61 | | | | | | | | | | | |
| OREAS 921 (AQUA REGIA) Meas | 1.14 | | | 0.06 | 3 | | | | | | | | | | | |
| OREAS 921 (AQUA REGIA) Cert | 1.15 | | | 0.068 | 0.61 | | | | | | | | | | | |
| OREAS 921 (AQUA REGIA) Meas | 1.16 | | | 0.07 | 3 | | | | | | | | | | | |
| OREAS 921 (AQUA REGIA) Cert | 1.15 | | | 0.068 | 0.61 | | | | | | | | | | | |
| OREAS 924 (AQUA REGIA) Meas | 1.44 | | | 0.79 | 3 | | | | | | | | | | | |
| OREAS 924 (AQUA REGIA) Cert | 1.45 | | | 0.810 | 0.60 | | | | | | | | | | | |
| OREAS 924 (AQUA REGIA) Meas | 1.39 | | | 0.76 | 2 | | | | | | | | | | | |
| OREAS 924 (AQUA REGIA) Cert | 1.45 | | | 0.810 | 0.60 | | | | | | | | | | | |
| OREAS 924 (AQUA REGIA) Meas | 1.42 | | | 0.78 | 3 | | | | | | | | | | | |
| OREAS 924 (AQUA REGIA) Cert | 1.45 | | | 0.810 | 0.60 | | | | | | | | | | | |
| OREAS 907 (Aqua Regia) Meas | 0.23 | 0.093 | 0.024 | 0.06 | 5 | 2 | 13 | 0.02 | < 20 | < 1 | < 2 | < 10 | 6 | < 10 | 7 | 12 |
| OREAS 907 (Aqua Regia) Cert | 0.221 | 0.0860 | 0.0240 | 0.0660 | 2.28 | 2.16 | 11.7 | 0.0170 | 8.04 | 0.230 | 0.120 | 2.15 | 5.12 | 0.980 | 6.52 | 43.7 |

| Analyte Symbol | Mg | Na | P | S | Sb | Sc | Sr | Ti | Th | Te | Tl | U | V | W | Y | Zr |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit Symbol | % | % | % | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Lower Limit | 0.01 | 0.001 | 0.001 | 0.01 | 2 | 1 | 1 | 0.01 | 20 | 1 | 2 | 10 | 1 | 10 | 1 | 1 |
| Method Code | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP |
| OREAS 907 (Aqua Regia) Meas | 0.21 | 0.086 | 0.024 | 0.06 | 5 | 2 | 12 | 0.02 | < 20 | < 1 | < 2 | < 10 | 6 | < 10 | 7 | 32 |
| OREAS 907 (Aqua Regia) Cert | 0.221 | 0.0860 | 0.0240 | 0.0660 | 2.28 | 2.16 | 11.7 | 0.0170 | 8.04 | 0.230 | 0.120 | 2.15 | 5.12 | 0.980 | 6.52 | 43.7 |
| OREAS 907 (Aqua Regia) Meas | 0.22 | 0.092 | 0.025 | 0.06 | 5 | 2 | 13 | 0.02 | < 20 | < 1 | < 2 | < 10 | 5 | < 10 | 7 | 22 |
| OREAS 907 (Aqua Regia) Cert | 0.221 | 0.0860 | 0.0240 | 0.0660 | 2.28 | 2.16 | 11.7 | 0.0170 | 8.04 | 0.230 | 0.120 | 2.15 | 5.12 | 0.980 | 6.52 | 43.7 |
| Oreas 621 (Aqua Regia) Meas | 0.43 | 0.150 | 0.032 | 4.57 | 84 | 2 | 16 | | < 20 | | < 2 | < 10 | 12 | < 10 | 8 | 17 |
| Oreas 621 (Aqua Regia) Cert | 0.436 | 0.160 | 0.0335 | 4.50 | 107 | 2.20 | 18.9 | | 5.91 | | 0.770 | 1.63 | 10.9 | 1.00 | 6.87 | 55.0 |
| Oreas 621 (Aqua Regia) Meas | 0.44 | 0.155 | 0.032 | 4.63 | 91 | 2 | 17 | | < 20 | | < 2 | < 10 | 12 | < 10 | 8 | 19 |
| Oreas 621 (Aqua Regia) Cert | 0.436 | 0.160 | 0.0335 | 4.50 | 107 | 2.20 | 18.9 | | 5.91 | | 0.770 | 1.63 | 10.9 | 1.00 | 6.87 | 55.0 |
| Oreas 621 (Aqua Regia) Meas | 0.43 | 0.142 | 0.034 | 4.65 | 95 | 2 | 17 | | < 20 | | < 2 | < 10 | 11 | < 10 | 8 | 42 |
| Oreas 621 (Aqua Regia) Cert | 0.436 | 0.160 | 0.0335 | 4.50 | 107 | 2.20 | 18.9 | | 5.91 | | 0.770 | 1.63 | 10.9 | 1.00 | 6.87 | 55.0 |
| Oreas 621 (Aqua Regia) Meas | 0.41 | 0.140 | 0.036 | 4.38 | 89 | 2 | 17 | | < 20 | | < 2 | < 10 | 11 | < 10 | 7 | 62 |
| Oreas 621 (Aqua Regia) Cert | 0.436 | 0.160 | 0.0335 | 4.50 | 107 | 2.20 | 18.9 | | 5.91 | | 0.770 | 1.63 | 10.9 | 1.00 | 6.87 | 55.0 |
| OREAS 45f (Aqua Regia) Meas | 0.17 | 0.040 | 0.020 | 0.02 | | 31 | 15 | 0.08 | < 20 | | < 2 | < 10 | 179 | | 6 | 10 |
| OREAS 45f (Aqua Regia) Cert | 0.152 | 0.0320 | 0.0220 | 0.0270 | | 31.4 | 13.2 | 0.0970 | 7.67 | | 0.120 | 1.09 | 217 | | 6.74 | 30.0 |
| OREAS 45f (Aqua Regia) Meas | 0.17 | 0.040 | 0.020 | 0.02 | | 31 | 14 | 0.09 | < 20 | | 2 | < 10 | 184 | | 6 | 12 |
| OREAS 45f (Aqua Regia) Cert | 0.152 | 0.0320 | 0.0220 | 0.0270 | | 31.4 | 13.2 | 0.0970 | 7.67 | | 0.120 | 1.09 | 217 | | 6.74 | 30.0 |
| OREAS 45f (Aqua Regia) Meas | 0.17 | 0.040 | 0.020 | 0.02 | | 30 | 14 | 0.11 | < 20 | | < 2 | < 10 | 185 | | 6 | 17 |
| OREAS 45f (Aqua Regia) Cert | 0.152 | 0.0320 | 0.0220 | 0.0270 | | 31.4 | 13.2 | 0.0970 | 7.67 | | 0.120 | 1.09 | 217 | | 6.74 | 30.0 |
| OREAS 45f (Aqua Regia) Meas | 0.17 | 0.038 | 0.021 | 0.02 | | 30 | 14 | 0.11 | < 20 | | < 2 | < 10 | 186 | | 6 | 17 |
| OREAS 45f (Aqua Regia) Cert | 0.152 | 0.0320 | 0.0220 | 0.0270 | | 31.4 | 13.2 | 0.0970 | 7.67 | | 0.120 | 1.09 | 217 | | 6.74 | 30.0 |
| OREAS 239 (Fire Assay) Meas | | | | | | | | | | | | | | | | |
| OREAS 239 (Fire Assay) Cert | | | | | | | | | | | | | | | | |
| OREAS 263 (Aqua Regia) Meas | 0.63 | 0.088 | 0.044 | 0.12 | 9 | 4 | 19 | | < 20 | < 1 | < 2 | < 10 | 28 | | 13 | |
| OREAS 263 (Aqua Regia) Cert | 0.593 | 0.0790 | 0.0410 | 0.126 | 7.37 | 3.52 | 16.9 | | 10.6 | 0.210 | 0.530 | 1.28 | 22.8 | | 12.0 | |
| OREAS 263 (Aqua Regia) Meas | 0.62 | 0.087 | 0.044 | 0.12 | 8 | 4 | 19 | | < 20 | < 1 | < 2 | < 10 | 27 | | 13 | |
| OREAS 263 (Aqua Regia) Cert | 0.593 | 0.0790 | 0.0410 | 0.126 | 7.37 | 3.52 | 16.9 | | 10.6 | 0.210 | 0.530 | 1.28 | 22.8 | | 12.0 | |
| OREAS 263 (Aqua Regia) Meas | 0.59 | 0.081 | 0.043 | 0.12 | 8 | 3 | 17 | | < 20 | < 1 | < 2 | < 10 | 23 | | 12 | |

| Analyte Symbol | Mg | Na | P | S | Sb | Sc | Sr | Ti | Th | Te | Tl | U | V | W | Y | Zr |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit Symbol | % | % | % | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Lower Limit | 0.01 | 0.001 | 0.001 | 0.01 | 2 | 1 | 1 | 0.01 | 20 | 1 | 2 | 10 | 1 | 10 | 1 | 1 |
| Method Code | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP | AR-ICP |
| OREAS 263 (Aqua Regia) Cert | 0.593 | 0.0790 | 0.0410 | 0.126 | 7.37 | 3.52 | 16.9 | | 10.6 | 0.210 | 0.530 | 1.28 | 22.8 | | 12.0 | |
| OREAS 263 (Aqua Regia) Meas | 0.63 | 0.088 | 0.045 | 0.12 | 9 | 4 | 19 | | < 20 | < 1 | < 2 | < 10 | 27 | | 13 | |
| OREAS 263 (Aqua Regia) Cert | 0.593 | 0.0790 | 0.0410 | 0.126 | 7.37 | 3.52 | 16.9 | | 10.6 | 0.210 | 0.530 | 1.28 | 22.8 | | 12.0 | |
| Oreas E1336 (Fire Assay) Meas | | | | | | | | | | | | | | | | |
| Oreas E1336 (Fire Assay) Cert | | | | | | | | | | | | | | | | |
| 392 Orig | 0.27 | 0.018 | 0.045 | 0.09 | 2 | 2 | 15 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 19 | < 10 | 3 | 7 |
| 392 Dup | 0.28 | 0.019 | 0.045 | 0.09 | < 2 | 3 | 16 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 21 | < 10 | 3 | 5 |
| 393 Orig | | | | | | | | | | | | | | | | |
| 393 Dup | | | | | | | | | | | | | | | | |
| 406 Orig | | | | | | | | | | | | | | | | |
| 406 Dup | | | | | | | | | | | | | | | | |
| 409 Orig | 0.05 | 0.018 | 0.017 | < 0.01 | 2 | 3 | 21 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 19 | < 10 | 2 | 7 |
| 409 Dup | 0.05 | 0.017 | 0.016 | < 0.01 | 3 | 2 | 19 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 17 | < 10 | 2 | 10 |
| 313 Orig | 2.30 | 0.006 | 0.034 | < 0.01 | < 2 | 7 | 24 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 56 | < 10 | 2 | 4 |
| 313 Split Prep dup | 2.26 | 0.006 | 0.033 | < 0.01 | < 2 | 7 | 24 | < 0.01 | < 20 | < 1 | < 2 | < 10 | 55 | < 10 | 2 | 4 |
| Method Blank | | | | | | | | | | | | | | | | |
| Method Blank | | | | | | | | | | | | | | | | |
| Method Blank | < 0.01 | 0.004 | < 0.001 | < 0.01 | < 2 | < 1 | < 1 | < 0.01 | < 20 | < 1 | < 2 | < 10 | < 1 | < 10 | < 1 | < 1 |
| Method Blank | < 0.01 | 0.008 | < 0.001 | < 0.01 | < 2 | < 1 | < 1 | < 0.01 | < 20 | < 1 | < 2 | < 10 | < 1 | < 10 | < 1 | < 1 |
| Method Blank | < 0.01 | 0.005 | < 0.001 | < 0.01 | < 2 | < 1 | < 1 | < 0.01 | < 20 | < 1 | < 2 | < 10 | < 1 | < 10 | < 1 | < 1 |
| Method Blank | < 0.01 | 0.007 | < 0.001 | < 0.01 | < 2 | < 1 | < 1 | < 0.01 | < 20 | < 1 | < 2 | < 10 | < 1 | < 10 | < 1 | < 1 |
| Method Blank | < 0.01 | 0.007 | < 0.001 | < 0.01 | < 2 | < 1 | < 1 | < 0.01 | < 20 | < 1 | < 2 | < 10 | < 1 | < 10 | < 1 | < 1 |
| Method Blank | < 0.01 | 0.007 | < 0.001 | < 0.01 | < 2 | < 1 | < 1 | < 0.01 | < 20 | < 1 | < 2 | < 10 | < 1 | < 10 | < 1 | < 1 |

# 12. Appendix C – Statement of Costs

| Exploration Work type | Comment | Days | | | Totals |
|---|---|---|---|---|---|
| | | | | | |
| **Personnel (Name)* / Position** | **Field Days (list actual days)** | **Days** | **Rate** | **Subtotal*** | |
| Lloyd Addie/Prospector | August 10th,11th,12th | 3 | $400.00 | $1,200.00 | |
| Lloyd Addie/Prospector | August 21st,22nd | 2 | $400.00 | $800.00 | |
| Ll oydAddie/Prospector | Aug30th,31st,Sept1st,2nd | 4 | $400.00 | $1,600.00 | |
| Lloyd Addie/Prospector | September 29th,30th, Oct1st | 3 | $400.00 | $1,200.00 | |
| | | | $0.00 | $0.00 | |
| | | | $0.00 | $0.00 | |
| | | | | $4,800.00 | **$4,800.00** |
| **Office Studies** | **List Personnel (note - Office only, do not include field days** | | | | |
| Literature search | | 2.0 | $150.00 | $300.00 | |
| Database compilation | | | $0.00 | $0.00 | |
| Computer modelling | | | $0.00 | $0.00 | |
| Reprocessing of data | | | $0.00 | $0.00 | |
| General research | | | $0.00 | $0.00 | |
| Report preparation | | 2.0 | $150.00 | $300.00 | |
| Other (specify) | | | $0.00 | $0.00 | |
| | | | | $600.00 | **$600.00** |
| **Airborne Exploration Surveys** | **Line Kilometres / Enter total invoiced amount** | | | | |
| Aeromagnetics | | | $0.00 | $0.00 | |
| Radiometrics | | | $0.00 | $0.00 | |
| Electromagnetics | | | $0.00 | $0.00 | |
| Gravity | | | $0.00 | $0.00 | |
| Digital terrain modelling | | | $0.00 | $0.00 | |
| Other (specify) | | | $0.00 | $0.00 | |
| | | | | $0.00 | **$0.00** |
| **Remote Sensing** | **Area in Hectares / Enter total invoiced amount or list personnel** | | | | |
| Aerial photography | | | $0.00 | $0.00 | |
| LANDSAT | | | $0.00 | $0.00 | |
| Other (specify) | | | $0.00 | $0.00 | |
| | | | | $0.00 | **$0.00** |
| **Ground Exploration Surveys** | **Area in Hectares/List Personnel** | | | | |
| Geological mapping | | | | | |
| Regional | | *note: expenditures here* | | | |
| Reconnaissance | | *should be captured in Personnel* | | | |
| Prospect | 4.6km of road | *field expenditures above* | | | |
| Underground | Define by length and width | | | | |
| Trenches | Define by length and width | | | $0.00 | **$0.00** |
| | | | | | |
| **Ground geophysics** | **Line Kilometres / Enter total amount invoiced list personnel** | | | | |
| Radiometrics | | | | | |
| Magnetics | | | | | |
| Gravity | | | | | |
| Digital terrain modelling | | | | | |
| Electromagnetics | *note: expenditures for your crew in the field* | | | | |
| SP/AP/EP | *should be captured above in Personnel* | | | | |
| IP | *field expenditures above* | | | | |
| AMT/CSAMT | | | | | |
| Resistivity | | | | | |
| Complex resistivity | | | | | |
| Seismic reflection | | | | | |
| Seismic refraction | | | | | |
| Well logging | Define by total length | | | | |

| | | | | | |
|---|---|---|---|---|---|
| Geophysical interpretation | | | | | |
| Petrophysics | | | | | |
| Other (specify) | | | | | |
| | | | | $0.00 | **$0.00** |
| **Geochemical Surveying** | **Number of Samples** | **No.** | **Rate** | **Subtotal** | |
| | | | | | |
| Drill (cuttings, core, etc.) | | | $0.00 | $0.00 | |
| Stream sediment | | | $0.00 | $0.00 | |
| Soil | *note: This is for assays or* | | $0.00 | $0.00 | |
| rock | *multi element + gold* | 93.0 | $55.02 | $5,117.18 | |
| Water | | | $0.00 | $0.00 | |
| Biogeochemistry | | | $0.00 | $0.00 | |
| Whole rock | | | $0.00 | $0.00 | |
| Petrology | | | $0.00 | $0.00 | |
| Other (specify) | | | $0.00 | $0.00 | |
| | | | | $5,117.18 | **$5,117.18** |
| **Drilling** | **No. of Holes, Size of Core and Metres** | **No.** | **Rate** | **Subtotal** | |
| Diamond | | | $0.00 | $0.00 | |
| Reverse circulation (RC) | | | $0.00 | $0.00 | |
| Rotary air blast (RAB) | | | $0.00 | $0.00 | |
| Other (specify) | | | $0.00 | $0.00 | |
| | | | | $0.00 | **$0.00** |
| **Other Operations** | **Clarify** | **No.** | **Rate** | **Subtotal** | |
| Trenching | | | $0.00 | $0.00 | |
| Bulk sampling | | | $0.00 | $0.00 | |
| Underground development | | | $0.00 | $0.00 | |
| Other (specify) | | | $0.00 | $0.00 | |
| | | | | $0.00 | **$0.00** |
| **Reclamation** | **Clarify** | **No.** | **Rate** | **Subtotal** | |
| After drilling | | | $0.00 | $0.00 | |
| Monitoring | | | $0.00 | $0.00 | |
| Other (specify) | | | $0.00 | $0.00 | |
| | | | | | |
| **Transportation** | | **No.** | **Rate** | **Subtotal** | |
| | | | | | |
| Airfare | | | $0.00 | $0.00 | |
| Taxi | | | $0.00 | $0.00 | |
| truck rental | | 12.00 | $75.00 | $900.00 | |
| kilometers | 809kmX68centsX4 trips each way | 6472.00 | $0.68 | $4,400.96 | |
| ATV | Nelson BC to Likely BC | | $0.00 | $0.00 | |
| fuel | | | $0.00 | $0.00 | |
| Helicopter (hours) | | | $0.00 | $0.00 | |
| Fuel (litres/hour) | | | $0.00 | $0.00 | |
| Other | | | | | |
| | | | | $5,300.96 | **$5,300.96** |
| **Accommodation & Food** | **Rates per day** | | | | |
| Hotel | | 12.00 | $145.66 | $1,748.75 | |
| Camp | | | $0.00 | $0.00 | |
| Meals | day rate | 12.00 | $50.00 | $600.00 | |
| | | | | $2,348.75 | **$2,348.75** |
| **Miscellaneous** | | | | | |
| Telephone | | | $0.00 | | |
| Other (Specify) | logging frequency radio | | | $40.00 | |
| | | | | $40.00 | **$40.00** |

| | | | | | |
|---|---|---|---|---|---|
| **Equipment Rentals** | | | | | |
| Field Gear (Specify) | 50 sample bags flagging hardhat | | $0.00 | $50.00 | |
| Other (Specify) | | | | | |
| | | | | $50.00 | **$50.00** |
| **Freight, rock samples** | | | | 591.35 | 591.35 |
| | | | $0.00 | $0.00 | |
| | | | $0.00 | $0.00 | |
| | | | | $0.00 | **$0.00** |
| | | | | | |
| ***TOTAL Expenditures*** | | | | | **$18,848.24** |