# Metalore Resources Limited.

## 2010

## Compilation of Prospecting and Sampling

## Northeast Cedartree Lake Area
## Dogpaw Lake (G-2613)

## Northwestern Ontario

**NTS: 52-F-5**

**September 15, 2011**

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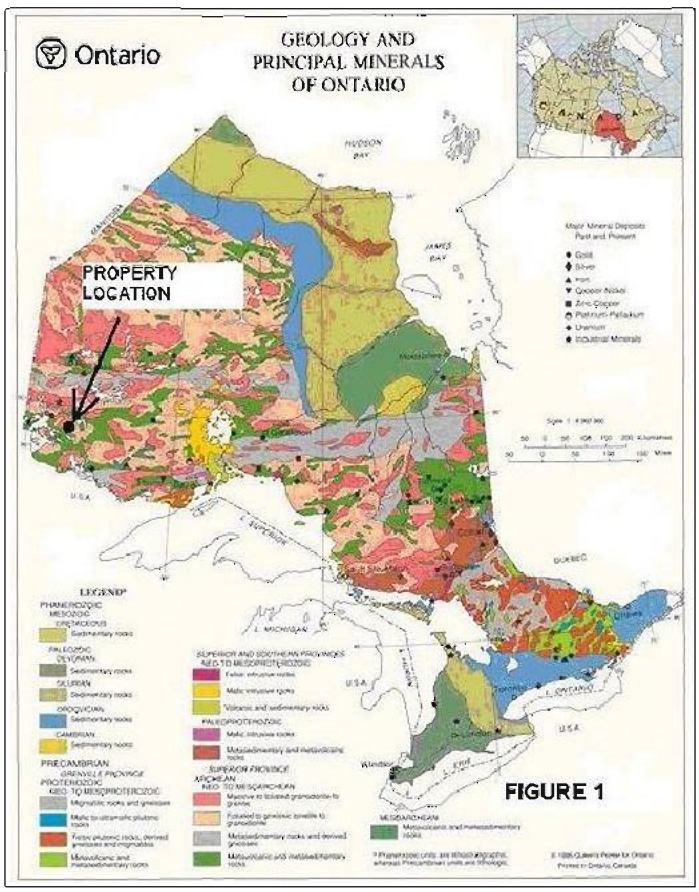
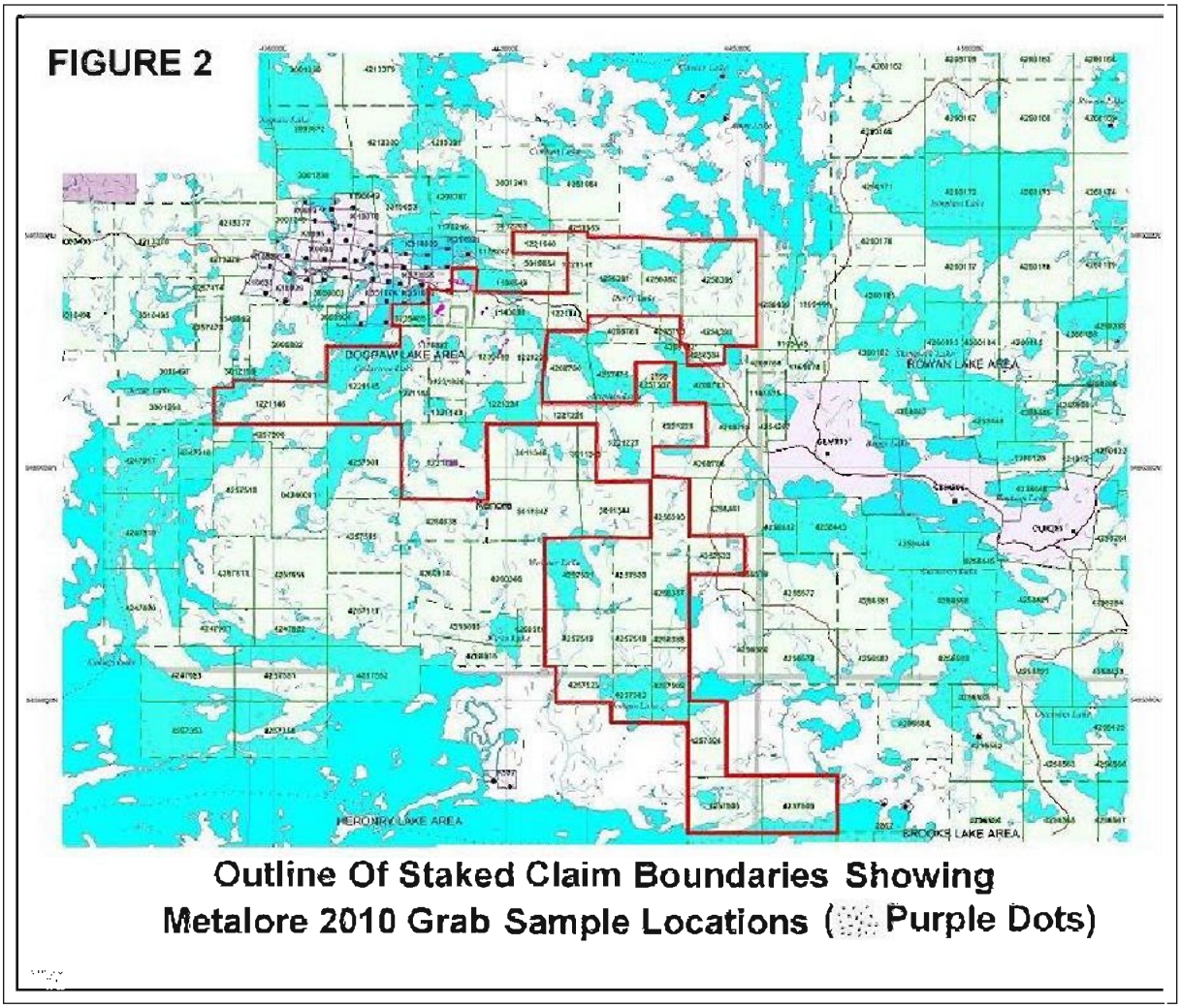
## Location and Access

The property is located in the Kenora Mining Division of Northwestern Ontario, approximately 70 kilometers south-southeast of the town of Kenora (FIGURE 1). The town of Sioux Narrows, located on Highway 71 and on the east shore of Lake of the Woods, is 15 kilometers northwest of the property. The property is accessed by travelling east along Cameron Lake Road (off Highway 71) approximately 10 kilometers south of Sioux Narrows. Travel on Cameron Lake road requires a special permit issued by the Ministry of Natural Resources in Kenora but is no longer subject to the approval of Nuinsco Resources Limited. At kilometer 12.0 road marker, a bush road diverges south from the main road to the core shack and core racks.



## Property Outline

The 2010 grab sample program resulted in sampling at the locations within NAD 83, Zone 15, as shown on the staked claim map of FIGURE 2.



Sample Locations with corresponding sample numbers are seen on the topographic map of FIGURE 3

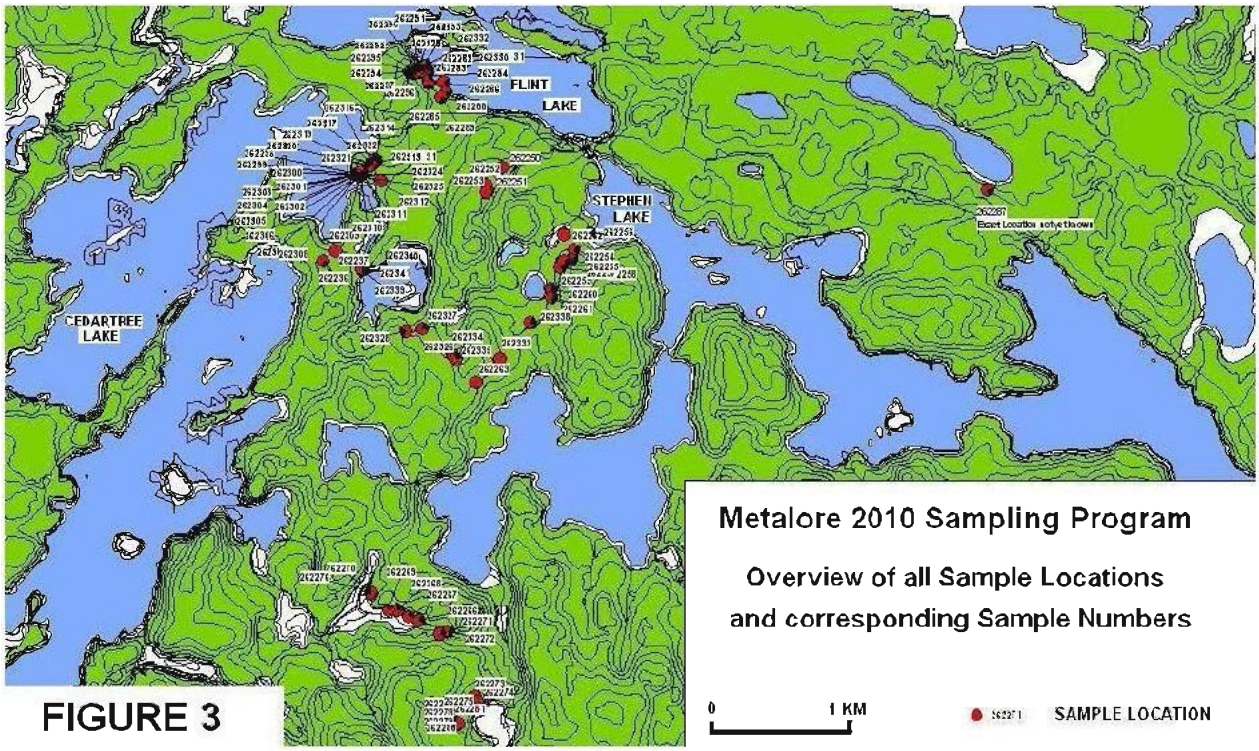



FIGURE 3

## Property Tenure

Sampling occurred on nine unpatented mining claims recorded in good standing in the District of Kenora. The claims lie within the Dogpaw Lake Area (G- 2613) and are recorded in the name of Metalore Resources Limited (100%).

Claims are listed in Table 1 where sampling occurred.

**Table 1:**

Total Samples (91); Sampling for Au only (46) Multi-element Sampling (45)

| CLAIM # | TOTAL SAMPLES | CLAIM # | TOTAL SAMPLES |
|---|---|---|---|
| K 1149803 | 17 | K 1143898 | 3 |
| K 1239486 | 15 | K 01231820 | 2 |
| K 1178822 | 5 | K 1178821 | 28 |
| K 1221229 | 19 | K 4257518 | 1 |
| K 4257502 | 1 | | |

## Previous Work

Gold exploration has been ongoing in the Dogpaw Lake area since the 1890's. Recent exploration on the Discovery zone includes:

- 2001 Metalore Resources Limited "Met" acquires the staked claims from Avalon
- 2002 Met conducts a 22-hole program mainly on claim K1178821
- 2003 Met conducts prospecting on claims K1178821 and K1178822 "22"
- 2003 Met conducts a 17-hole program mainly on claims K1178821 & 22
- 2004 Met conducts geophysics, geology and a 14-hole diamond drill program
- 2006 Met conducts a 18-hole drill program mainly on claims K1178821 & 22
- 2007 Met conducts a 5-hole drill program, plus one hole xtn on claim K1178821
- 2008 Met conducts a 11-hole drill program mainly on claim K1178821

## Personnel

Armen Chilian, P. Geo. was responsible for >95% of all sampling and plotting carried out during the 2010 exploration program. George Chilian, President of Metalore Resources Limited generally directed the program for recon sampling.

## Property Geology

The claims occur within the Kakagi-Rowan Lakes greenstone belt, located on the western end of the Wabigoon Subprovince within the Superior Province of the Canadian Shield. The Wabigoon Subprovince is a granite-greenstone terrain betweem the gneissic terrains of the Quetico Subprovince to the South and the Winnipeg River Subprovince to the north.

The lithologies in the Dogpaw Lake area are steeply dipping, Early Precambrian mafic metavolcanics overlain by a complex of intermediate to felsic metavolcanics, intruded by differentiated mafic to ultramafic sills, and have been folded into a major anticline and syncline with east-northeast trending vertical axial planes

## Sample Procedure

After an outcrop was examined for alteration and/or mineralization, a one to two kilogram sample was broken directly from the outcrop, placed into a sample bag with a corresponding sample number after a sample description was taken, and the bag was sealed for shipping.

PHOTO 1 shows sample 262304 (before bag is sealed) at sample location area

PHOTO 1

A Garmin 76Cx GPS was positioned at each sample location until +/- 3 meter accuracy was obtained. PHOTO 2 shows GPS at sample location 262336 (Feldspar porphyry with rusty sulfide patches as especially seen with insert).


## Sample Descriptions with Field Notes/Comments

Sampling occurred throughout the 2010 field season (May - September)

262250 - 15 U 439535 5463418 - gabbro w/ minor Fe stain; Tr. sulfides (weak magnetic) (not submitted for assay)

262251 - 15 U 439425 5463250 magnetic high low area; mod magnetic (mag) gabbro with 3% pyrrhotite (po) in medium grained gabbro

262252 - 15 U 439418 5463290 L34 north on top rusty gabbro with 2-3 % sulfides (mainly pyrrhotite and minor pyrite (py)), moderately (mod) magnetic (mag)

262253 - 15 U 4394138 5463236 L34 on gabbro ridge. Possibly native copper in rusty gabbro; non-magnetic

262254 - 15 U 440060 5462810 L40 150m south of TL 750 (Rhyodacite with 1% po and py) Weak magnetic

262255 - 15 U 440045 5462738 L40 250m or so south of TL 750 (Rhyolite ridge w/ sulfides) Rhyodacite with <2% fine grained pyrite (non-magnetic)

262256 - 15 U 440180 5462929 Bay 150m north east of samples 262254 and 262255 has a trench in volcanic? with chunky pyrrhotite splotches (4%) and with pyrite (1%) (high specific gravity)

West of Stephen Lake Area

262257 - 15 U 439960 5462681 Weak to moderately (mod) silicified (sil) volcanic (or rhyolite to rhyodacite) with discontinuous seams of py (15%) and no pyrrhotite whatsoever (completely non-magnetic)

262258 - 15 U 439988 5462729 in a trench perhaps 60m or less northeast of 262257 this is a 5 kg heavy sample of silicified volcanic (or rhyolite?) with quartz fragments. It is strongly magnetic with semi-massive pyrrhotite (20%) and pyrite (5%) intermixed..

262259 - 15 U 439886 5462522 on the cliff face is a rusty conchoidal fractured volcanic with the smell of sulfur when broken. No fine grained pyrite crystals

262260 - Same location as 262259 but on top of the cliff - distinct conchoidal fractured volcanic with similar characteristics as found on cliff face

262261 - 15 U 439898 5462463 felsic intrusive - fine grained.

POND Zone

262262 - 15 U 439984 5462919 - 2 metre wide rusty silicified sediment? with 1+ % pyrrhotite.

North West Little Stephen Lake

262263 - 15 U 439339 5461833 - Side of hill, silicified, weak carbonatized with 1-2% pyrite seams, possibly felsic intrusive

Mungus Lake North

262264 -15 U 442894 5455795 - Pyroxenite- Coarse grained, beige gray weathered, dark gray fresh, no noticeable sulfides

262265 - 15 U 443292 5455857 - Pyroxenite - Coarse grained, beige gray weathered, dark gray fresh, no noticeable sulfides

Duck Lake West Area

262266 - 15 U 438921 5460090 - Dacite - Rusty weathered light gray fresh; very finely disseminated (diss) pyrite? (2%)

262267 - 15 U 438844 5460124 - silicified brecciated dacite? - Purple gossan weathered, gray fresh with minor orange carbonate; possible quartz fragments; <1% pyrite

262268 - 15 U 438768 5460163 - Dacite - Rusty purple brown weathered, gray fresh with beige orange spots of carbanate with minor (<1%) pyrite. (sphalerite?)

262269 - 15 U 438699 5460161 altered dacite - Rusty brown purple weathered, gray fresh with interstitial granular quartz and minor fine grained disseminated (diss) pyrite

262270 - 15 U 438573 5460283 - altered dacite - rusty brown purple weathered, gray fresh with interstitial granular quartz and minor <2% fine diss pyrite

262271 - 15 U 439077 5459989 - Dacite - orange brown weathered, light gray fresh with a few seams of fine grained pyrite (1%) along Fe Carb stringers

262272 - 15 U 439128 5460006 - dacite - rusty orange brown weathered, light gray fresh with rusty pyrite rich 2 cm sized inner areas (3-4%). Possibly fragmented

262273 - 15 U 439331 5459536 - fine grained hornblende feldspar gabbro (no sulfides)

262274 - 15 U 439356 5459498 - Dacitic tuff with minor Fe carb hosting f.g. py 1% in one area of sample

262275 - 15 U 439359 5459445 - Altered tuff with seams of pyrite (5%)

262276 - 15 U 438576 5460300 - similar to 262270 but 20 m northeast

Duck Lake Area (South of Little Stephen Lake)

262277 - 15 U 439198 5459328 Central trench - rusty intermediate tuff; very weakly magnetic; 2% very fine grained pyrite and pyrrhotite mix. (No Cu staining)

262278 - 15 U 439192 5459312 - Rusty gossanous weathered; dark gray fresh tuff, heavy, non-magnetic, crystalline sulfides (5%??)

262279 - 15 U 439192 5459312 - Rusty weathered, medium gray fresh, weakly silicified, weakly magnetic, fine grained seams of pyrite 3% and minor po (<1%)

262280 - 15 U 439192 5459312 - As 262279 with moderate silicification, non magnetic, and similar pyrite seams (3-4%)

262281 - 15 U 439211 5459332 - NE trench, rusty weathered, gray fresh tuff, non magnetic moderately silicified with up to7% fine grained pyrite seams and individual crystals

North East of Discovery Gold Zone but along west to southwest shore of Flint Lake

262282 - 15 U 438988 5464128 - felsic intrusive point - light pink somewhat boring looking outcrop lacking oxidation but break the rock open to find 3-5% fine grained disseminated pyrite throughout

262283 - 15 U 438985 5464097 - north side of small point relatively boring looking gray to dark blue gray weathered outcrop but break it to find weakly silicified with 3-5% fine grained pyrite along seams and veinlets. No obvious Fe carbonate veinlets or seams

262284 - 15 U 438981 5464098 - on small point - gossanous rusty area up to 1 metre wide with silicification of felsic tuff. 3% fine grained pyrite along mod Fe carbonate veining throughout. (south slope of small point with layering dipping steeply (80-85 deg south)

262285 - 15 U 438995 5464027 On outcrop just east of line - slightly sheared intermediate tuff with less than 1% fine grained pyrite

262286 - 15 U 439103 5464041 At/near tuff/ gabbro contact- 3% fine grained pyrite within or associated with <1cm thick Fe carbonate veinlet running through intermediate tuff.

262287 - 15 U 443026 5463259 (approx.) Derry Lake Area - Sample was taken by George Chilian from vicinity of Derry Lake. Brecciated, oxidized orange brown, light gray fresh, mod silicified with fine disseminated pyrite; non-magnetic

262288 - 15 U 439055 5464040 Gabbro samples from outcrop that was hard to break off on point (west of Flint Lake)

262289 - 15 U 438983 5464003 GWC: gabbro on top of hill on the line west of Flint Lake

AUGUST 2010 POWER STRIPPING SAMPLE LOCATIONS

Flint Lake West Power Stripping area west of Felsic Intrusive at Lake Shore

262290 15 U 438927 5464107 - Crystalline felsic tuff (Xft) w/ <1% f.g.py
262291 15 U 438927 5464110 - Xft with 4% very finely disseminated (vfd) pyrite
262292 15 U 438925 5464115 - Xft with 1% vfd pyrite
262293 15 U 438936 5464121 - Felsic tuff with weak carbonatization. 1% vfd pyrite
262294 15 U 438883 5464115 - Xft with 6% vfd golden pyrite
262295 15 U 438887 5464107 - Xft with minor green sericite; 1% finely disseminated pyrite
262296 15 U 438885 5464108 - Felsic to intermediate tuff with <1% pyrite
262297 15 U 438871 5464103 - Weakly sheared weakly silicified felsic tuff?? with 3% fine grained to finely disseminated pyrite

North of trenches that are north of bay fed from Sunfish lake stream; near/at DDH 03-05

262298 15 U 438484 5463360 - Within a trending 273 azimuth with a dip of 74 to 85 deg N, minor fracturing but more massive with moderate (mod) silicification (sil) and 2% fine disseminated pyrite. Possibly Kspar but likely qtz-cb orange yellow brown rusty (oybr) weathered; weakly (wk) chloritic (chl)

262299 15 U 438490 5463361 - Golden melted pyrite sheen (<1% py) looks like VG within quartz-carbonate; more massive, weakly broken/fractured, found within a trending break/shear 278 deg azimuth with 77 deg dip N

262300 15 U 438484 5463364 - Coarse grained (c.g.) granodiorite with weak to mod sil and 2% fine to med diss pyrite; minor chlorite (altered amphiboles?); weathered oybr; not within shear zone and not sheared (massive intrusive)

262301 15 U 438488 5463365 - Melted golden pyrite within 3mm wide seams; most of sample is strongly silicified with diss f.g. pyrite (~ 1%); Found within a break trending 256 deg azimuth having 72 deg dip N.

262302 15 U 438492 5463366 - Green gray fresh and oybr weathered with moderate chlorite and carbonate; weakly silicified; scattered <1% finely diss pyrite parallel to the trending rusty zone nearby of 255 deg azimuth.

262303 15 U 438494 5463369 - Found within a rusty break having a trend of 257 deg (azimuth) and at the herringbone fork intersection with a 245 deg trending oybr zone with quartz; 4 cm thick gray quartz is oybr hosting fine to med g. melted pyrite which is diss or dispersed mainly along 2mm thin seams

262304 15 U 438488 5463369 - Found within a rusty break having a trend of (fwtrd) 272 deg (az) which is 10 cm wide and dips 85-90 (close to vertical); it contains 5% fine to med grained pyrite in melted, <1-2cm splashes and chained-links along seams within sheared quartz-carbonate oybr weathered altered granodiorite

262305 15 U 438494 5463369 - Fwtrd meandering 268 deg az of veining/shearing up to 10 cm wide with scattered fine grained pyrite within oybr areas; sample is mostly altered granodiorite which is wk-mod silicified w/ <1% pyrite

262306 15 U 438501 5463365 - Fwtrd 265 deg az/ 90 dip; Sample is from a 30cm thick wide blowout swell and is mod silicified throughout with light to smoky gray quartz; scattered fine to med grained melt splashes of pyrite; Silvery gray mineral?

262307 15 U 438503 5463366 - X-cutting rusty veining fwtrd 245 bends into the rusty veining at 265 deg. Sample is gray quartz with oybr and diss f.g. py seam over 3 cm long intermixed with quartz-carb; multiple gray silic veins with up to 4% pyrite locally.

262308 15 U 438502 5463370 - Fwtrd/strike 275 deg; dipping 62 deg north; This is a mineralized dipping structure which flattens to 48 deg locally; Sample contains fine to med grained py which is concentrated within a oybr qtz-carb vein

262309 15 U 438498 5463371 - Fwtrd 275 deg is in a discontinuous rusty zone with is 20 cm north of the penetrative sheared trend which is at 230 deg which itself is juiced up rusty zone; Sample is mostly oybr quartz-carb w/ 2-3% f-m. g. py

262310 15 U 438490 5463370 - Fwtrd 280 deg consisting of rusty qtz-carb veins up to 6 cm wide thinning out as it pierces and trends into the tuff at a contact 2m away; Gray quartz (silic) with 1% diss f.g. py and a 1 mm thin py+/-chl seam

262311 15 U 438501 5463376 - Fwtrd 275/ vertical dip; wider swell area of the rusty mineralized break with silicification and Fe carb hosting fine to med gr. pyrite splashes surrounded by chlorite; possibly Kspar alteration (from granodiorite?)

262312 15 U 438501 5463378 - Fwtrd 270/ dips 65 deg NE (variable); 25 cm wide oybr moderately silicified with 2% fine diss. py that is dispersed and mixed about within broken weathered sheared area

Power Washed otc on both sides of L25 near 1+75mN area (northeast of 262298-312)

262313 15 U 438607 5463459 Mixed white, to gray smoky, to dark gray silicification throughout; 5-7% fine grained pyrite; <5% rusty carbonate

262314 15 U 438607 5463461 Interwebbed discontinuous pyrite seam(s) (up to 7%) within strongly silicified and localized chloritized zone; 30% rusty carbonate

262315 15 U 438607 5463459 Gray green silicification predominate, with < 5% rusty Fe carbonate and 7% finely disseminated golden pyrite

262316 15 U 438593 5463447
262317 15 U 438594 5463446

Note: 262316 and 262317 sampled two different but parallel structures that are trending at 290 deg, yet are x-cut by shearing at 228 deg.
Samples from both were viewed to be chloritized and contain moderate silicification with 3% fine to medium grained "chained" or "trains" of pyrite. The 290 deg structure may dip vertical.

262318 15 U 438607 5463459 Gray smoky to dark gray silicification throughout with 4-5% fine grained disseminated pyrite;

Note: 262313, 262315 and 262318 sampled a 25cm thick qtz-carb vein trending 295 deg somewhat meandering wiggly vein/zone that dips 70-80 deg NE; it may widen in the area due to shearing at 230 deg trend.

262319 15 U 438577 5463437 Sample taken from veining within a shear/break which contains strong silicification with very fine disseminated pyrite (3%) and seams mm thick of fine grained pyrite. Sample is intermixed with rusty orange carbonate

262320 15 U 438578 5463447 Sample taken along a structural break which trends (Az 250/ sub-vertical). The zone is a rusty shear that is weakly to moderately carbonatized and weakly silicified, hosting <1% fine grained pyrite

262321 15 U 438565 5463423 Sample taken from a structural break that trends (Az 250; dip 58-80). It is rusty, wavy shear zone with weak chlorite and silicification +/- ca carbonate hosting <1% fine grained pyrite

262322 15 U 438596 5463469 Sample taken from a structural break that trends (Az 230; dip 80-90) it has a granulated textured quartz vein with 5% fine grained disseminated pyrite throughout

262323 15 U 438648 5463315 This sample occurs on the trail to the SW power stripped area; it is an intermediate tuff with 3-5% fine grained pyrite

262324 15 U 438477 5463352 Along a structure (Az 285/ dip 72-79) this is 1-2 m wide, non-magnetic in outcrop, moderately to strongly silicified with orange yellow brown rusty alteration at the southern boundary with fine grained gabbro; Sample is strongly silicified with 20% mafic minerals (amphibole) with a very faint pink quartz and ~12% fine grained splashes of golden pyrite

262325 15 U 438475 5463353 Similar to 262324 but with 10% golden pyrite; gray granular quartz over a 1 meter wide area

September 2010 Sunfish L.-Flint L.-Cedartree L. Sampling

262326 to 262332 were mailed to Accurassay on September 17 2010 for gold analysis

262326 15 U 439173 5462036 L31 300S area. Rusty weakly silicified with 2% fine grained pyrite. Felsic intrusive?? (looks like silicified tuff). When excavated the area proved to be near the contact with a dioritic intrusive.

262327 15 U 438949 5462229. Sample was off the side of a rocky hill from a fine to medium grained gabbro hosting <2% fine grained pyrite. Slightly magnetic.

262328 15 U 438828 5462211 On the crooked version of Line 28 south of Sunfish Lake this sample is from a 3" wide rusty gabbro on the top of the hill which hosts 5% fine grained pyrite (perhaps some pyrrhotite as the sample is weakly magnetic)

262329 15 U 438922 5464128 West of Flint Lake this sample is taken 20m north of the main trench that was excavated having samples 262290-262292. This sample is a GWC selection and hosts 3-4% fine grained pyrite in intermediate to felsic tuff.

262330 15 U 438966 5464157 A Dave Burt Sr. discovery, this was near his power stripping pump at the shore line. This was one of three samples being assayed. This particular sample was silicified tuff with 4% finely disseminated pyrite

262331 15 U 438966 5464157 A Dave Burt Sr. discovery, this was near his power stripping pump at the shore line. This was one of three samples being assayed. This particular sample contained predominantly >2% EUHEDRAL pyrite

262332 15 U 438966 5464157 A Dave Burt Sr. discovery, this was near his power stripping pump at the shore line. This was one of three samples being assayed. This particular sample contained blotches of f.g. EUHEDRAL pyrite (up to 7%)

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262333-262338 were mailed to Accurassay on Sept 24 2010

262333 15 U 439519 5462013- Strongly silicified with 1.5% fine grained pyrite, this contains a slight green color (sericite?). Sample occurs on trail in what may be a giant boulder (but along general northeast (034 degree) sulfide horizon trend)

262334 15 U 439196 5462011 - First of two samples from the diorite/tuff contact area this one is large (2kg) but heavy (for its size) containing 4% very fine grained golden pyrite; rusty weathered, dark gray fresh with pred. conchoidal fracture

262335 15 U 439196 5462011- 2nd of two samples from the diorite/tuff contact area this one is strongly silicified, fractured tuff containing ~7% v.f.g. diss. golden pyrite; it was taken from an area of at least 10cm wide having similar properties

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262336 15 U 438161 5462695 - This feldspar porphyry contains 30% <0.3-1cm large sometimes zoned, feldspar phenocrysts within a gray qtz-fsp groundmass. The sample was taken from the top of a hill with rusty patches that were found to host 1% fine grained individual crystals and streaks of pyrite. The area had been mapped previously as containing only tuff.

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262337 15 U 438314 5462803 - This rusty pink quartz vein was found about 3 meters just north of the drill trail. It is smoky gray (fresh) and contains 1-2% splashes of fine grained pyrite

262338 15 U 439737 5462278 - On the western side of a granitic intrusive a 30 cm wide silicified area had quartz veins locally. This was one of the quartz veins which is approx. 8 cm thick. It has rusty Fe Carb in weathered areas and speckled within the gray unweathered areas and contains 3% disseminated fine grained pyrite

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262339 15 U 438505 5462663 Sheared peridotite from washout area west of Sunfish Lake bridge with pink red stain on weathered surface (3 samples taken in area); sulfides??

262340 15 U 438517 5462671 Sheared peridotite from washout area west of Sunfish Lake bridge with pink red stain on weathered surface (3 samples taken in area); sulfides??

262341 15 U 438511 5462670 Sheared peridotite from washout area west of Sunfish Lake bridge with pink red stain on weathered surface (3 samples taken in area); sulfides??

# Assay Results 262251 - 262289 Multi-Element Au to Cr

| Analyte Symbol | Au | Pd | Pt | Ag | Al | As | Ba | Be | Bi | Ca | Cd | Co | Cr |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit Symbol | ppb | ppb | ppb | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm |
| Detection Limit | 2 | 5 | 5 | 0.3 | 0.01 | 3 | 7 | 1 | 2 | 0.01 | 0.3 | 1 | 1 |
| Analysis Method | FA-ICP | FA-ICP | FA-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP |
| 262251 | < 2 | < 5 | < 5 | 0.3 | 4.98 | < 3 | 83 | < 1 | < 2 | 5.56 | 0.6 | 43 | 19 |
| 262252 | 3 | < 5 | < 5 | < 0.3 | 5.12 | < 3 | 67 | < 1 | < 2 | 5.19 | 0.4 | 33 | 41 |
| 262253 | < 2 | < 5 | < 5 | < 0.3 | 5.42 | < 3 | 111 | < 1 | < 2 | 5.85 | 0.4 | 17 | 43 |
| 262254 | 2 | < 5 | < 5 | 0.6 | 5.91 | < 3 | 639 | < 1 | < 2 | 3.13 | 0.3 | 13 | 50 |
| 262255 | 6 | < 5 | < 5 | 0.6 | 8.08 | < 3 | > 1000 | 1 | < 2 | 1.44 | < 0.3 | 7 | 58 |
| 262256 | 3 | < 5 | < 5 | 0.4 | 5.38 | < 3 | 77 | < 1 | < 2 | 2.71 | 0.4 | 31 | 33 |
| 262257 | 12 | < 5 | < 5 | 0.5 | 4.46 | 8 | 77 | < 1 | < 2 | 2.01 | 0.6 | 24 | 20 |
| 262258 | 25 | < 5 | < 5 | 1.1 | 2.23 | 8 | 142 | < 1 | 5 | 1.6 | 0.8 | 46 | 17 |
| 262259 | < 2 | < 5 | < 5 | 0.7 | 5.71 | < 3 | > 1000 | < 1 | < 2 | 1.4 | < 0.3 | 6 | 23 |
| 262260 | < 2 | < 5 | < 5 | 0.5 | 6.21 | < 3 | 848 | < 1 | < 2 | 1.76 | < 0.3 | 11 | 39 |
| 262261 | 4 | < 5 | < 5 | 1 | 5.87 | < 3 | 786 | 1 | < 2 | 3.26 | < 0.3 | 7 | 86 |
| 262262 | < 2 | 8 | 6 | 0.5 | 5.69 | < 3 | 230 | < 1 | < 2 | 4.58 | < 0.3 | 48 | 310 |
| 262263 | 2 | < 5 | < 5 | 0.5 | 6.18 | < 3 | 445 | < 1 | < 2 | 1.95 | < 0.3 | 8 | 35 |
| 262264 | < 2 | < 5 | < 5 | < 0.3 | 5.56 | < 3 | 71 | < 1 | < 2 | 7.8 | 0.4 | 50 | 129 |
| 262265 | < 2 | 8 | 13 | < 0.3 | 2.16 | < 3 | 22 | < 1 | < 2 | 2.48 | 0.5 | 122 | 2080 |
| 262266 | < 2 | < 5 | < 5 | 0.6 | 7.37 | < 3 | 311 | < 1 | < 2 | 2.04 | < 0.3 | 10 | 30 |
| 262267 | < 2 | < 5 | < 5 | 0.7 | 6.79 | < 3 | 284 | < 1 | < 2 | 2.63 | < 0.3 | 2 | 46 |
| 262268 | < 2 | < 5 | < 5 | 0.5 | 5.24 | < 3 | 269 | < 1 | < 2 | 1.45 | < 0.3 | 8 | 18 |
| 262269 | 2 | < 5 | < 5 | 0.4 | 5.89 | < 3 | 327 | < 1 | < 2 | 1.05 | < 0.3 | 3 | 48 |
| 262270 | 10 | < 5 | < 5 | 0.8 | 5.88 | < 3 | 354 | < 1 | < 2 | 2.66 | < 0.3 | 17 | 51 |
| 262271 | 7 | < 5 | < 5 | 0.8 | 4.91 | < 3 | 650 | < 1 | < 2 | 1.81 | 1 | 4 | 39 |
| 262272 | 6 | 7 | < 5 | 0.8 | 6.91 | < 3 | 510 | < 1 | < 2 | 2.07 | < 0.3 | 14 | 46 |
| 262273 | 6 | 16 | 12 | 0.4 | 6.49 | < 3 | 62 | < 1 | < 2 | 7.24 | 0.9 | 43 | 336 |
| 262274 | < 2 | < 5 | < 5 | 0.5 | 6.46 | 5 | 492 | < 1 | < 2 | 0.64 | < 0.3 | 6 | 16 |
| 262275 | 2 | < 5 | < 5 | 0.4 | 5.87 | < 3 | 455 | < 1 | < 2 | 1.35 | < 0.3 | 13 | 44 |
| 262276 | < 2 | < 5 | < 5 | 0.4 | 6.24 | 4 | 191 | < 1 | < 2 | 1.47 | < 0.3 | 8 | 36 |
| 262277 | 3 | < 5 | < 5 | 1.3 | 6.38 | 4 | 170 | < 1 | < 2 | 2.68 | 2.3 | 17 | 28 |
| 262278 | < 2 | < 5 | < 5 | 0.5 | 5.71 | < 3 | 331 | < 1 | < 2 | 0.37 | 5.2 | 10 | 64 |
| 262279 | 7 | < 5 | < 5 | 0.8 | 5.37 | < 3 | 149 | < 1 | < 2 | 0.24 | 1.2 | 15 | 27 |
| 262280 | < 2 | < 5 | < 5 | 0.9 | 5.36 | < 3 | 357 | < 1 | < 2 | 0.19 | 2.8 | 9 | 11 |
| 262281 | 11 | < 5 | < 5 | 1.9 | 7.99 | 4 | 153 | < 1 | < 2 | 0.33 | 4.5 | 35 | 21 |
| 262282 | 15 | < 5 | < 5 | 0.4 | 5.67 | 3 | 438 | 1 | < 2 | 1.4 | < 0.3 | 13 | 85 |
| 262283 | 41 | < 5 | < 5 | 0.4 | 6.5 | 15 | 568 | < 1 | < 2 | 3.19 | < 0.3 | 11 | 65 |
| 262284 | 61 | < 5 | < 5 | 0.5 | 6 | 29 | 185 | < 1 | < 2 | 2.24 | < 0.3 | 32 | 58 |
| 262285 | 4 | < 5 | < 5 | 0.7 | 6.79 | < 3 | 35 | < 1 | < 2 | 4.12 | 0.5 | 58 | 200 |
| 262286 | 71 | < 5 | < 5 | 0.6 | 5.62 | 7 | 65 | < 1 | < 2 | 3.12 | < 0.3 | 18 | 17 |
| 262287 | 306 | 9 | < 5 | 5.1 | 0.42 | 178 | 24 | < 1 | 5 | 0.09 | 0.3 | 29 | 73 |
| 262288 | 2 | < 5 | < 5 | 0.4 | 5.76 | < 3 | 82 | < 1 | < 2 | 5.12 | 0.4 | 11 | 26 |
| 262289 | < 2 | < 5 | < 5 | 0.3 | 6.09 | < 3 | 94 | < 1 | < 2 | 5.3 | 0.4 | 10 | 14 |

# Assay Results 262251 - 262289 Multi-Element Cu to Sb

| Analyte Symbol | Cu | Fe | Ga | Hg | K | Mg | Mn | Mo | Na | Ni | P | Pb | Sb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit Symbol | ppm | % | ppm | ppm | % | % | ppm | ppm | % | ppm | % | ppm | ppm |
| Detection Limit | 1 | 0.01 | 1 | 1 | 0.01 | 0.01 | 1 | 1 | 0.01 | 1 | 0.001 | 3 | 5 |
| Analysis Method | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP |
| 262251 | 81 | 10.4 | 25 | < 1 | 0.58 | 1.96 | 1410 | < 1 | 1.62 | 11 | 0.039 | 6 | < 5 |
| 262252 | 238 | 9.17 | 26 | < 1 | 0.6 | 2.19 | 1620 | < 1 | 1.87 | 13 | 0.04 | 4 | < 5 |
| 262253 | 253 | 9.49 | 27 | < 1 | 0.6 | 1.96 | 1310 | < 1 | 1.36 | 12 | 0.032 | < 3 | < 5 |
| 262254 | 32 | 3.11 | 29 | < 1 | 2.26 | 0.77 | 427 | < 1 | 1.85 | 39 | 0.089 | 8 | < 5 |
| 262255 | 29 | 1.33 | 37 | < 1 | 4.35 | 0.62 | 154 | < 1 | 2.16 | 21 | 0.065 | 4 | < 5 |
| 262256 | 24 | 10.3 | 23 | < 1 | 0.89 | 0.38 | 637 | < 1 | 2.13 | 29 | 0.043 | 9 | < 5 |
| 262257 | 22 | 12.3 | 21 | < 1 | 1.11 | 0.88 | 3160 | < 1 | 0.41 | 55 | 0.04 | 27 | < 5 |
| 262258 | 76 | 29.8 | 4 | < 1 | 0.2 | 0.58 | 929 | < 1 | 0.34 | 96 | 0.021 | 28 | < 5 |
| 262259 | 23 | 1.2 | 22 | 1 | 2.38 | 0.52 | 141 | < 1 | 2.82 | 14 | 0.046 | 8 | < 5 |
| 262260 | 43 | 2.31 | 25 | < 1 | 2.56 | 0.99 | 348 | < 1 | 4.07 | 27 | 0.078 | 10 | < 5 |
| 262261 | 22 | 2.58 | 25 | < 1 | 1.95 | 1.58 | 543 | 3 | 4.04 | 28 | 0.072 | 7 | < 5 |
| 262262 | 104 | 4.63 | 24 | < 1 | 1.52 | 0.81 | 690 | < 1 | 1.39 | 128 | 0.036 | 6 | < 5 |
| 262263 | 23 | 2.82 | 25 | < 1 | 1.44 | 0.34 | 573 | < 1 | 2.71 | 8 | 0.041 | 6 | < 5 |
| 262264 | 45 | 7.25 | 19 | < 1 | 0.7 | 6.12 | 1330 | < 1 | 0.95 | 69 | 0.012 | 3 | < 5 |
| 262265 | 3 | 8.57 | 14 | < 1 | 0.04 | 15.2 | 875 | < 1 | 0.13 | 939 | 0.008 | 19 | < 5 |
| 262266 | 24 | 1.36 | 28 | < 1 | 2.71 | 0.47 | 385 | 1 | 3.2 | 19 | 0.046 | < 3 | < 5 |
| 262267 | 29 | 1.68 | 25 | < 1 | 2.21 | 0.74 | 840 | < 1 | 2.87 | 4 | 0.041 | 7 | < 5 |
| 262268 | 23 | 1.38 | 20 | < 1 | 1.98 | 0.41 | 289 | < 1 | 2.11 | 10 | 0.028 | 3 | < 5 |
| 262269 | 10 | 1.67 | 20 | < 1 | 0.95 | 0.33 | 284 | 1 | 4 | 4 | 0.055 | 4 | < 5 |
| 262270 | 64 | 3.39 | 24 | < 1 | 1.78 | 0.51 | 517 | < 1 | 1.97 | 23 | 0.044 | 7 | < 5 |
| 262271 | 66 | 1.62 | 19 | < 1 | 3.01 | 0.46 | 695 | < 1 | 0.08 | 6 | 0.046 | 10 | < 5 |
| 262272 | 35 | 2.13 | 27 | < 1 | 1.87 | 0.56 | 391 | < 1 | 2.71 | 20 | 0.052 | < 3 | < 5 |
| 262273 | 67 | 6.7 | 20 | < 1 | 0.26 | 4.72 | 1570 | < 1 | 1.36 | 85 | 0.018 | < 3 | < 5 |
| 262274 | 23 | 1.35 | 30 | 1 | 4.09 | 0.61 | 230 | < 1 | 2.11 | 6 | 0.047 | 4 | < 5 |
| 262275 | 73 | 2.76 | 22 | < 1 | 1.44 | 1.23 | 203 | < 1 | 2.48 | 8 | 0.055 | 3 | < 5 |
| 262276 | 29 | 3.23 | 23 | < 1 | 1.27 | 0.66 | 552 | < 1 | 3.4 | 14 | 0.05 | 5 | < 5 |
| 262277 | 121 | 3.8 | 23 | < 1 | 5.04 | 0.84 | 777 | 1 | 0.05 | 28 | 0.087 | 15 | < 5 |
| 262278 | 93 | 3.71 | 24 | < 1 | 2.73 | 1.82 | 993 | < 1 | 0.19 | 14 | 0.096 | < 3 | < 5 |
| 262279 | 154 | 3.39 | 23 | < 1 | 2.75 | 1.17 | 386 | < 1 | 0.14 | 17 | 0.067 | 4 | < 5 |
| 262280 | 115 | 2.63 | 22 | < 1 | 2.36 | 0.93 | 317 | < 1 | 0.12 | 11 | 0.053 | < 3 | < 5 |
| 262281 | 537 | 6.37 | 36 | < 1 | 3.28 | 7.96 | 1610 | 2 | 0.19 | 16 | 0.017 | 43 | < 5 |
| 262282 | 9 | 2.42 | 25 | < 1 | 2.47 | 0.56 | 246 | < 1 | 3.1 | 33 | 0.033 | 3 | < 5 |
| 262283 | 56 | 2.13 | 28 | < 1 | 2.24 | 0.52 | 259 | < 1 | 2.14 | 11 | 0.044 | < 3 | < 5 |
| 262284 | 136 | 4.22 | 25 | < 1 | 1.25 | 0.83 | 356 | < 1 | 2.48 | 34 | 0.04 | < 3 | < 5 |
| 262285 | 3 | 9.34 | 29 | 2 | 0.16 | 5.86 | 1630 | < 1 | 1.65 | 217 | 0.053 | 6 | < 5 |
| 262286 | 103 | 4.02 | 24 | < 1 | 0.06 | 1.48 | 535 | < 1 | 5 | 7 | 0.184 | 4 | < 5 |
| 262287 | 150 | 35.8 | < 1 | < 1 | 0.04 | 0.17 | 249 | 3 | 0.05 | 18 | 0.035 | 61 | < 5 |
| 262288 | 10 | 7.31 | 32 | < 1 | 0.26 | 0.24 | 1420 | < 1 | 3.86 | 2 | 0.047 | 3 | < 5 |
| 262289 | 11 | 7.99 | 32 | < 1 | 0.39 | 0.27 | 1440 | < 1 | 3.68 | 2 | 0.059 | < 3 | < 5 |

# Assay Results 262251 - 262289 Multi-Element S to Zr

| Analyte Symbol | S | Sc | Sr | Te | Ti | Tl | U | V | W | Y | Zn | Zr |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit Symbol | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Detection Limit | 0.01 | 4 | 1 | 2 | 0.01 | 5 | 10 | 2 | 5 | 1 | 1 | 5 |
| Analysis Method | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP |
| 262251 | 0.22 | 40 | 110 | 6 | 0.23 | < 5 | < 10 | 254 | < 5 | 28 | 38 | 36 |
| 262252 | 0.68 | 40 | 81 | 2 | 0.46 | < 5 | < 10 | 288 | < 5 | 24 | 36 | 49 |
| 262253 | 0.19 | 41 | 139 | < 2 | 0.31 | < 5 | < 10 | 248 | < 5 | 24 | 38 | 46 |
| 262254 | 0.99 | 7 | 581 | 3 | 0.3 | < 5 | < 10 | 72 | < 5 | 7 | 48 | 109 |
| 262255 | 0.44 | 7 | 339 | < 2 | 0.31 | 7 | < 10 | 80 | < 5 | 6 | 24 | 118 |
| 262256 | 8.05 | < 4 | 234 | 4 | 0.22 | < 5 | < 10 | 41 | < 5 | 5 | 21 | 95 |
| 262257 | 8.36 | 6 | 189 | 7 | 0.18 | < 5 | < 10 | 47 | < 5 | 7 | 68 | 85 |
| 262258 | 9.29 | < 4 | 149 | 17 | 0.11 | < 5 | < 10 | 36 | < 5 | 3 | 82 | 45 |
| 262259 | 0.2 | 4 | 537 | 3 | 0.16 | < 5 | < 10 | 33 | < 5 | 5 | 47 | 118 |
| 262260 | 0.76 | 7 | 532 | 7 | 0.24 | < 5 | < 10 | 63 | < 5 | 7 | 53 | 114 |
| 262261 | 0.6 | 7 | 881 | < 2 | 0.29 | < 5 | 10 | 83 | < 5 | 6 | 56 | 130 |
| 262262 | 1.15 | 24 | 324 | 2 | 0.35 | < 5 | < 10 | 160 | < 5 | 7 | 88 | 65 |
| 262263 | 0.84 | 5 | 280 | < 2 | 0.26 | < 5 | < 10 | 61 | < 5 | 4 | 56 | 71 |
| 262264 | < 0.01 | 50 | 64 | 3 | 0.25 | 9 | < 10 | 215 | < 5 | 9 | 39 | 19 |
| 262265 | < 0.01 | 16 | 22 | 3 | 0.14 | < 5 | < 10 | 98 | < 5 | 5 | 130 | 16 |
| 262266 | 0.83 | 5 | 326 | < 2 | 0.26 | < 5 | < 10 | 52 | < 5 | 4 | 74 | 118 |
| 262267 | 0.41 | 6 | 357 | < 2 | 0.23 | < 5 | < 10 | 50 | < 5 | 4 | 30 | 86 |
| 262268 | 0.55 | < 4 | 294 | 6 | 0.15 | 5 | < 10 | 29 | < 5 | 4 | 78 | 85 |
| 262269 | 0.39 | < 4 | 244 | 5 | 0.25 | < 5 | < 10 | 40 | < 5 | 6 | 38 | 122 |
| 262270 | 2.28 | 7 | 414 | < 2 | 0.23 | < 5 | < 10 | 55 | < 5 | 4 | 152 | 93 |
| 262271 | 0.29 | 5 | 85 | < 2 | 0.19 | < 5 | < 10 | 29 | 12 | 6 | 567 | 120 |
| 262272 | 1.38 | 8 | 397 | < 2 | 0.27 | < 5 | < 10 | 63 | < 5 | 6 | 104 | 110 |
| 262273 | 0.19 | 35 | 161 | 4 | 0.33 | < 5 | < 10 | 202 | < 5 | 12 | 83 | 23 |
| 262274 | 0.56 | 4 | 325 | < 2 | 0.18 | < 5 | < 10 | 32 | < 5 | 6 | 65 | 119 |
| 262275 | 0.59 | 6 | 153 | 3 | 0.24 | < 5 | < 10 | 44 | < 5 | 6 | 10 | 143 |
| 262276 | 1.09 | 6 | 255 | < 2 | 0.25 | < 5 | < 10 | 56 | < 5 | 6 | 61 | 114 |
| 262277 | 2.37 | 7 | 86 | < 2 | 0.26 | < 5 | < 10 | 61 | < 5 | 8 | 1310 | 120 |
| 262278 | 2.07 | 5 | 30 | 4 | 0.22 | < 5 | < 10 | 44 | < 5 | 8 | 2120 | 123 |
| 262279 | 2.44 | 6 | 20 | < 2 | 0.22 | < 5 | < 10 | 54 | 6 | 6 | 562 | 83 |
| 262280 | 1.69 | 4 | 18 | < 2 | 0.16 | < 5 | < 10 | 30 | 13 | 7 | 1190 | 113 |
| 262281 | 2.69 | 8 | 32 | 15 | 0.29 | < 5 | < 10 | 53 | < 5 | 8 | 1680 | 188 |
| 262282 | 1.46 | 5 | 270 | < 2 | 0.19 | < 5 | < 10 | 43 | < 5 | 4 | 20 | 113 |
| 262283 | 0.81 | 5 | 238 | < 2 | 0.34 | < 5 | < 10 | 97 | < 5 | 4 | 25 | 73 |
| 262284 | 1.42 | 11 | 396 | < 2 | 0.24 | < 5 | < 10 | 94 | < 5 | 6 | 43 | 74 |
| 262285 | 0.26 | 33 | 767 | 6 | 0.3 | < 5 | < 10 | 155 | < 5 | 11 | 174 | 100 |
| 262286 | 1.03 | 6 | 573 | 8 | 0.32 | < 5 | 10 | 113 | < 5 | 12 | 43 | 155 |
| 262287 | 0.44 | < 4 | 13 | 19 | 0.04 | < 5 | < 10 | 109 | < 5 | 3 | 17 | 36 |
| 262288 | 0.02 | 12 | 329 | 11 | 0.26 | < 5 | < 10 | 6 | < 5 | 3 | 55 | 89 |
| 262289 | < 0.01 | 19 | 338 | 4 | 0.23 | 7 | < 10 | 6 | < 5 | 4 | 59 | 65 |

# Assay Results 262290 - 262323 Au only

| Analyte Symbol | Au |
|---|---|
| Unit Symbol | g/tonne |
| Detection Limit | 0.02 |
| Analysis Method | FA-GRA |
| 262290 | 2.68 |
| 262291 | < 0.02 |
| 262292 | 0.08 |
| 262293 | < 0.02 |
| 262294 | < 0.02 |
| 262295 | < 0.02 |
| 262296 | < 0.02 |
| 262297 | < 0.02 |
| 262298 | < 0.02 |
| 262299 | 0.36 |
| 262300 | < 0.02 |
| 262301 | 0.42 |
| 262302 | 0.12 |
| 262303 | 0.96 |
| 262304 | 0.49 |
| 262305 | 0.18 |
| 262306 | 0.3 |
| 262307 | 0.24 |
| 262308 | 0.4 |
| 262309 | 0.17 |
| 262310 | 0.38 |
| 262311 | 1.79 |
| 262312 | 0.84 |
| 262313 | 0.24 |
| 262314 | 1.09 |
| 262315 | 0.5 |
| 262316 | 0.38 |
| 262317 | 0.32 |
| 262318 | 0.58 |
| 262319 | 0.08 |
| 262320 | < 0.02 |
| 262321 | < 0.02 |
| 262322 | < 0.02 |
| 262323 | < 0.02 |

# Assay Results 262318, 262324 and, (262325 with duplicate)

# Multi-Element Au to Cr

| Sample ID | Au | Ag | Al | As | B | Ba | Be | Bi | Ca | Cd | Co | Cr |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ppb | ppm | % | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm |
| 262318 | 653 | <1 | 0.61 | 3 | 8 | 47 | <1 | 2 | 1.04 | <1 | 15 | 107 |
| 262324 | 86 | <1 | 1.24 | 4 | 7 | 108 | 1 | 4 | 2.55 | 1 | 18 | 86 |
| 362325 | 71 | <1 | 1.44 | 3 | 8 | 66 | 1 | 3 | 1.41 | 1 | 13 | 51 |
| 362325 | 68 | <1 | 1.62 | 4 | 10 | 79 | 1 | 7 | 1.48 | <1 | 14 | 57 |

## Assay Results 262318, 262324 and, (262325 with duplicate)

## Multi-Element Cu to Sb

| Sample ID | Cu | Fe | K | Li | Mg | Mn | Mo | Na | Ni | P | Pb | Sb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ppm | % | % | ppm | % | ppm | ppm | % | ppm | ppm | ppm | ppm |
| 262318 | 86 | 3.84 | 0.17 | 4 | 0.44 | 504 | 8 | 0.11 | 10 | 1004 | 29 | 3 |
| 262324 | 57 | 5.26 | 0.33 | 9 | 1.11 | 864 | 20 | 0.08 | 20 | 1819 | 12 | 1 |
| 362325 | 8 | 4.2 | 0.23 | 14 | 1.07 | 583 | 29 | 0.09 | 14 | 1438 | 9 | <1 |
| 362325 | 8 | 4.41 | 0.29 | 15 | 1.15 | 612 | 31 | 0.11 | 16 | 1505 | 8 | 2 |

## Assay Results 262318, 262324 and, (262325 with duplicate)

## Multi-Element Se to Zn

| Sample ID | Se | Si | Sn | Sr | Ti | Tl | V | W | Y | Zn |
|---|---|---|---|---|---|---|---|---|---|---|
| | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| 262318 | <1 | <0.01 | 1 | 59 | 34 | <1 | 16 | 1 | 5 | 25 |
| 262324 | <1 | <0.01 | 2 | 172 | 45 | <1 | 31 | 2 | 8 | 42 |
| 362325 | <1 | <0.01 | <1 | 87 | 42 | <1 | 35 | 3 | 6 | 48 |
| 362325 | <1 | <0.01 | <1 | 93 | 47 | <1 | 40 | 2 | 7 | 53 |

## Assay Results 262326 - 262338 Au only

| Sample ID | Au ppb | Au oz/t | Aug/t (ppm) |
|---|---|---|---|
| 262326 | 13 | <0.001 | 0.013 |
| 262327 | 6 | <0.001 | 0.006 |
| 262328 | 21 | <0.001 | 0.021 |
| 262329 | 20 | <0.001 | 0.020 |
| 262330 | 20 | <0.001 | 0.020 |
| 262331 | 160 | 0.005 | 0.160 |
| 262332 | 75 | 0.002 | 0.075 |
| 262332 Dup | 73 | 0.002 | 0.073 |
| 262333 | <5 | <0.001 | <0.005 |
| 262334 | 5 | <0.001 | 0.005 |
| 262335 | <5 | <0.001 | <0.005 |
| 262336 | <5 | <0.001 | <0.005 |
| 262337 | 471 | 0.014 | 0.471 |
| 262338 | 43 | 0.001 | 0.043 |
| 262338 Dup | 9 | <0.001 | 0.009 |

# Assay Results 262339 (with duplicate), 262340 and, 262341

# Multi-Element Ag to Zn

ASSAYERS CANADA

**SGS Canada Inc.**
8282 Sherbrooke Street, Vancouver, British Columbia, V5X 4R6
T: (604) 327-3436 F: (604) 327-3423

**Report No** : 0W3355PJ
Date : Oct-28-10
Sample type : PULP

**Metalore Resources Ltd.**
Project : A10-3355
Attention :

**Multi-Element ICP-AES Analysis**
Aqua Regia Digestion

| Sample Number | Ag ppm | Al % | As ppm | Ba ppm | Be ppm | Bi ppm | Ca % | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % | Hg ppm | K % | La ppm | Mg % | Mn ppm | Mo ppm | Na % | Ni ppm | P % | Pb ppm | S % | Sb ppm | Se ppm | Sr ppm | Th ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 262339 | <0.2 | 1.46 | <5 | 16 | <0.5 | 16 | 0.27 | 1 | 120 | 960 | 49 | 8.04 | 5 | 0.09 | <10 | 10.67 | 540 | <2 | 0.02 | 998 | 0.011 | <2 | 0.48 | <5 | 8 | 14 | <5 | 0.02 | <10 | <10 | 46 | <10 | 23 |
| 262340 | 0.8 | 1.79 | <5 | <10 | <0.5 | 16 | 0.26 | 7 | 134 | 723 | 18 | 7.81 | <5 | 0.02 | <10 | 12.12 | 602 | <2 | 0.01 | 963 | 0.005 | 126 | 0.64 | <5 | 7 | 6 | <5 | 0.02 | <10 | <10 | 35 | <10 | 89 |
| 262341 | 0.9 | 2.24 | <5 | 12 | <0.5 | 13 | 0.88 | 1 | 167 | 737 | 37 | 6.41 | 8 | 0.02 | <10 | 10.76 | 1041 | <2 | 0.01 | 884 | 0.012 | 3 | 0.36 | <5 | 14 | 41 | <5 | 0.05 | <10 | <10 | 56 | <10 | 11 |
| **Duplicates:** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 262339 | <0.2 | 1.51 | <5 | 16 | <0.5 | 17 | 0.28 | 1 | 123 | 987 | 50 | 8.26 | <1 | 0.09 | <10 | 11.10 | 556 | <2 | 0.02 | 925 | 0.011 | <2 | 0.49 | <5 | 8 | 14 | <5 | 0.03 | <10 | <10 | 47 | <10 | 22 |
| **Standards:** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blank | 0.3 | <0.01 | <5 | <10 | <0.5 | <5 | <0.01 | <1 | <1 | <1 | <1 | <0.01 | <5 | <0.01 | <10 | <0.01 | <5 | <2 | <0.01 | <1 | <0.001 | <2 | <0.01 | <5 | <1 | <1 | <5 | <0.01 | <10 | <10 | <1 | <10 | <1 |
| CH-4 | 2.1 | 1.87 | <5 | 295 | <0.5 | 9 | 0.67 | 1 | 25 | 115 | 2195 | 5.04 | 1 | 1.41 | 14 | 1.32 | 355 | 2 | 0.06 | 53 | 0.076 | 10 | 0.61 | <5 | 7 | 9 | <5 | 0.32 | <10 | <10 | 76 | <10 | 219 |

## Overview of Sampling / Assay Results

Either precious (Au, Ag) or base (Cu, Ni, Co, Zn, V) metals were sought during the 2010 reconnaissance prospecting of sampling. Sampling of the power stripped areas, which is covered in another report targeted only Au and Ag mineralization.

### 262251- 262289

In the first batch of multi-element sampling (262251- 262289) the best gold result was taken from south of Derry Lake (262287) and contains 306 ppb Au values.

Elsewhere the higher values of Ca+Al appear to suggest an anorthositic composition of the gabbro for samples 262251 - 262253; however no anomalous base metal concentration was evident.

Sample group 262254-262258 are from older pits which contain rusty gossanous material. While samples 262256, 262257 and 262258 have elevated S and Fe (which confirms the pyrrhotite), they do not contain elevated Cu, Zn or Ni amounts.

Elevated Ni + Cr +/- Co is found to occur in peridotite located north of Mungus Lake (far southeast) in sample 262265. Also slightly elevated Ni is observed from outcrop just west of Flint Lake in sample 262285.

Slightly elevated Zn +/- Cu is observed in the cluster of samples 262277, 262278, 262280 and 262281 .

**262290- 262325 Power Stripped Areas**

The best sample (262290) west of Flint Lake came from a now filled-in trench and contains 2.68 g/tonne gold. Power stripping and sampling to the west (50m) may not have been far enough south to expose this mineralized system.

Sampling in the farthest southwest area proved anomalous in gold values throughout the granodiorite (262298-262312) while sampling in the northeastern power stripped areas contained gold values up to 1.09 g/tonne gold (262314).
Multi-Element results for samples 262318, 262324 and 262325 did not indicate any economic or petrographic significance to sampling information.

**262326-262338**

Random sampling to the north of Little Stephen Lake and to the west of Flint Lake did not yield anything of economic interest. A quartz vein which was 500m southeast of Anvil Peninsula yielded a modest 0.471 g/tonne gold in sample 262337

**262339-262341**

Multi-Element sampling of a sheared peridotite west of the Sunfish Lake bridge contained elevated Ni values on par with those from the peridotite found elsewhere on the property.

## Conclusions and Recommendations

Sampling both in and around the vicinity of granodioritic intrusives (west of Flint Lake and east of Cedartree Lake) generally yielded better gold values than reconnaissance sampling of other rock types on the property. As such, granodiorite remains a viable target for future exploration. More power stripping is recommended west of Flint Lake and in the vicinity of the Discovery area to understand the nature of the higher grade gold mineralization.

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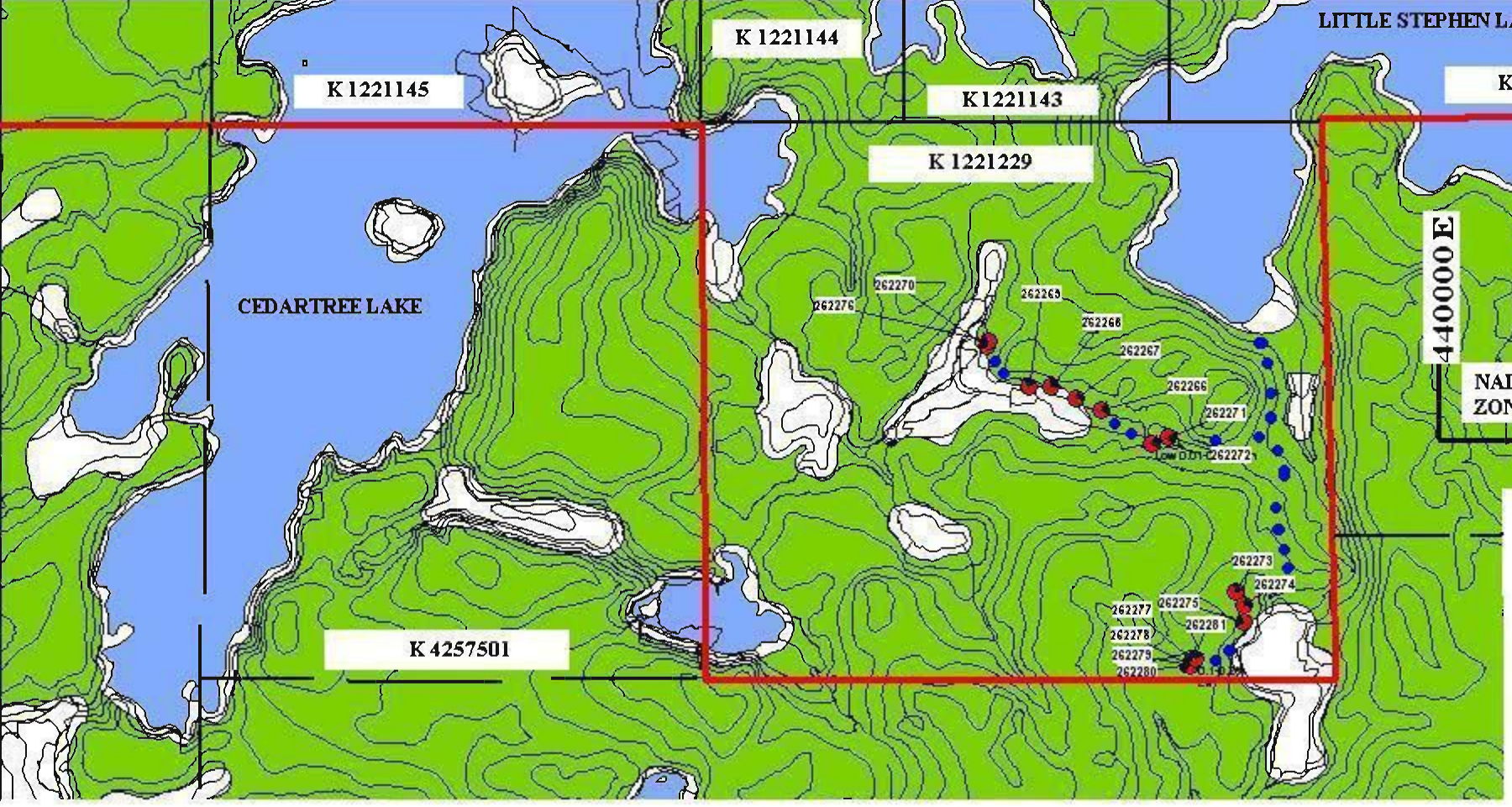



# FIGURE 3 SUPPLEMENT
## (South Portion)
## Metalore 2010 Sampling Program

262273 Sample Location

Metalore Claim Boundary

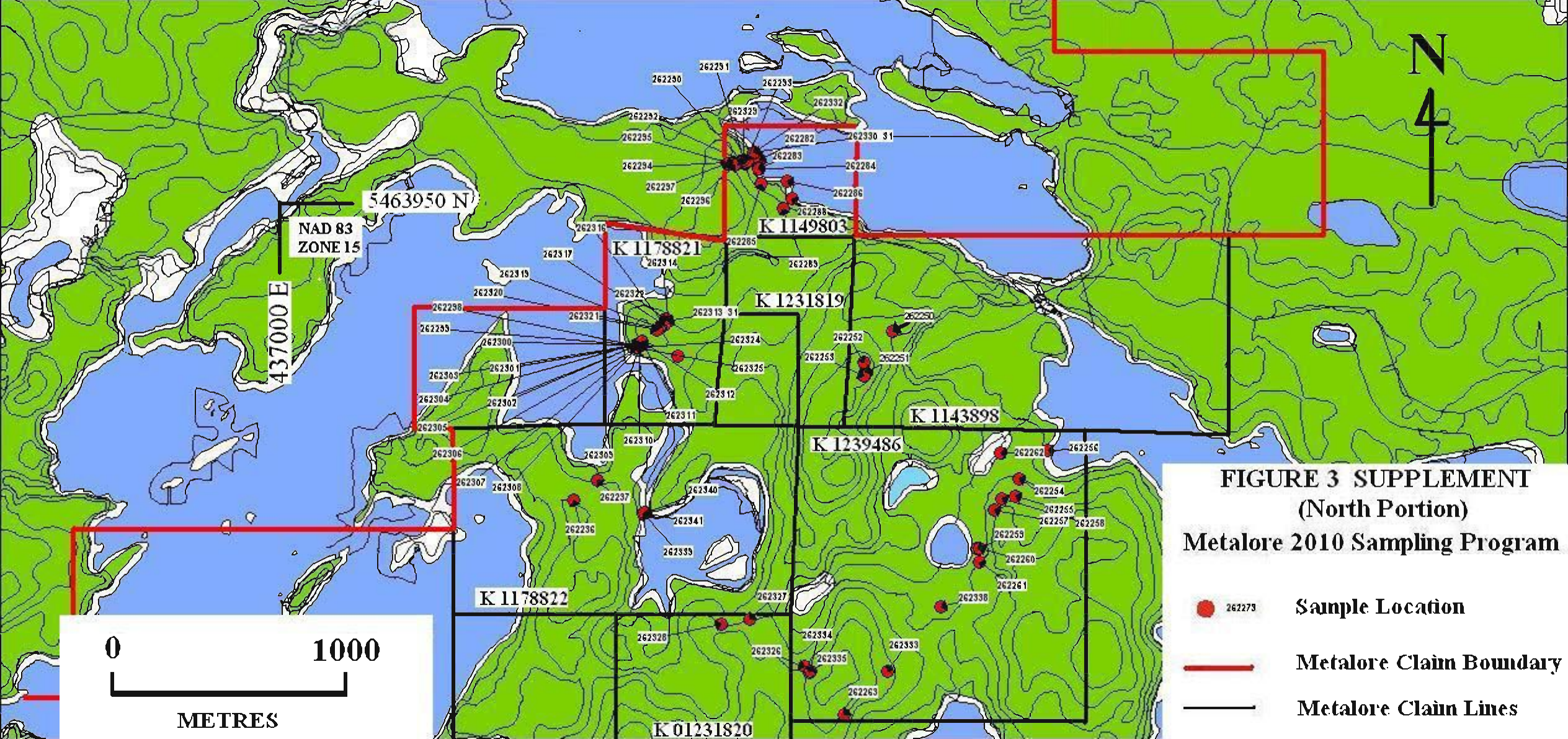
Metalore Claim Lines

Competitor Claim Lines

0 1000

METRES

General Traverse from boat
May 17 and 18, 2010


N
5463950 N
NAD 83
ZONE 15
437000 E
K 1178821
K 1149803
K 1231819
K 1143898
K 1239486
K 1178822
K 01231820
0
1000
METRES
FIGURE 3 SUPPLEMENT
(North Portion)
Metalore 2010 Sampling Program
Sample Location
Metalore Claim Boundary
Metalore Claim Lines

ACCURASSAY LABORATORIES
1046 Gorham Street
Thunder Bay, ON
Canada P7B 5X5
Tel: (807) 626-1630
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**Certificate of Analysis**

Tuesday, September 14, 2010

MetalOre Resources Limited
PO Box 422
Simcoe, ON, CAN
N3Y4L5
Ph#: (519) 428-2464
Fax#: (519) 428-2466, (519) 429-9696
Email#: info@metaloreresources.com, armen.chilian@gmail.com

Date Received: 08/31/2010
Date Completed: 09/13/2010

Job #: 201043445
Reference:
Sample #: 3 Rock

| Acc # | Client ID | Au ppb | Ag ppm | Al % | As ppm | B ppm | Ba ppm | Be ppm | Bi ppm | Ca % | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % | K % | Li ppm | Mg % | Mn ppm | Mo ppm | Na % | Ni ppm | P ppm | Pb ppm | Sb ppm | Se ppm | Si % | Sn ppm | Sr ppm | Ti ppm | Tl ppm | V ppm | W ppm | Y ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 239507 | 262318 | 653 | <1 | 0.61 | 3 | 8 | 47 | <1 | 2 | 1.04 | <1 | 15 | 107 | 86 | 3.84 | 0.17 | 4 | 0.44 | 504 | 8 | 0.11 | 10 | 1004 | 29 | 3 | <1 | <0.01 | 1 | 59 | 34 | <1 | 16 | 1 | 5 | 25 |
| 239508 | 262324 | 86 | <1 | 1.24 | 4 | 7 | 108 | 1 | 4 | 2.55 | 1 | 18 | 86 | 57 | 5.26 | 0.33 | 9 | 1.11 | 864 | 20 | 0.08 | 20 | 1819 | 12 | 1 | <1 | <0.01 | 2 | 172 | 45 | <1 | 31 | 2 | 8 | 42 |
| 239509 | 362325 | 71 | <1 | 1.44 | 3 | 8 | 66 | 1 | 3 | 1.41 | 1 | 13 | 51 | 8 | 4.20 | 0.23 | 14 | 1.07 | 583 | 29 | 0.09 | 14 | 1438 | 9 | <1 | <1 | <0.01 | <1 | 87 | 42 | <1 | 35 | 3 | 6 | 48 |
| 239510 Dup | 362325 | 68 | <1 | 1.62 | 4 | 10 | 79 | 1 | 7 | 1.48 | <1 | 14 | 57 | 8 | 4.41 | 0.29 | 15 | 1.15 | 612 | 31 | 0.11 | 16 | 1505 | 8 | 2 | <1 | <0.01 | <1 | 93 | 47 | <1 | 40 | 2 | 7 | 53 |

PROCEDURE CODES: ALP1, ALFA1, ALAR1

Certified By:

Derek Demianiuk H.Bsc., Laboratory Manager

The results included on this report relate only to the items tested
The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory

**SGS Canada Inc.**
8282 Sherbrooke Street, Vancouver, British Columbia, V5X 4R6
T: (604) 327-3436 F: (604) 327-3423

**Report No** : **0W3355PJ**
Date : Oct-28-10
Sample type : PULP

## Metalore Resources Ltd.

Project : A10-3355
Attention :

# Multi-Element ICP-AES Analysis

Aqua Regia Digestion

| Sample Number | Ag ppm | Al % | As ppm | Ba ppm | Be ppm | Bi ppm | Ca % | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % | Hg ppm | K % | La ppm | Mg % | Mn ppm | Mo ppm | Na % | Ni ppm | P % | Pb ppm | S % | Sb ppm | Sc ppm | Sr ppm | Th ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm | Zr ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 262339 | <0.2 | 1.46 | <5 | 16 | <0.5 | 16 | 0.27 | 1 | 120 | 860 | 49 | 8.04 | 1 | 0.09 | <10 | 10.67 | 540 | <2 | 0.02 | 908 | 0.011 | <2 | 0.48 | <5 | 8 | 14 | <5 | 0.02 | <10 | <10 | 46 | <10 | 23 | 4 |
| 262340 | 0.8 | 1.29 | <5 | <10 | <0.5 | 16 | 0.26 | 2 | 134 | 723 | 18 | 7.83 | <1 | 0.02 | <10 | 12.12 | 602 | <2 | 0.01 | 963 | 0.005 | 126 | 0.64 | <5 | 7 | 6 | <5 | 0.02 | <10 | <10 | 35 | <10 | 89 | 3 |
| 262341 | 0.9 | 2.34 | <5 | 12 | <0.5 | 13 | 0.88 | 1 | 107 | 737 | 37 | 6.41 | 2 | 0.02 | <10 | 10.78 | 1041 | <2 | 0.01 | 884 | 0.012 | 3 | 0.29 | <5 | 14 | 41 | <5 | 0.05 | <10 | <10 | 56 | <10 | 11 | 3 |
| **Duplicates:** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 262339 | <0.2 | 1.51 | <5 | 16 | <0.5 | 17 | 0.28 | 1 | 123 | 887 | 50 | 8.26 | <1 | 0.09 | <10 | 11.10 | 556 | <2 | 0.02 | 925 | 0.011 | <2 | 0.49 | <5 | 8 | 14 | <5 | 0.03 | <10 | <10 | 47 | <10 | 22 | 4 |
| **Standards:** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blank | 0.3 | <0.01 | <5 | <10 | <0.5 | <5 | <0.01 | <1 | <1 | <1 | <1 | <0.01 | <1 | <0.01 | <10 | <0.01 | <5 | <2 | <0.01 | <1 | <0.001 | <2 | <0.01 | <5 | <1 | <1 | <5 | <0.01 | <10 | <10 | <1 | <10 | <1 | <1 |
| CH-4 | 2.1 | 1.87 | <5 | 295 | <0.5 | 9 | 0.67 | 1 | 25 | 113 | 2195 | 5.04 | 1 | 1.41 | 14 | 1.32 | 355 | 2 | 0.06 | 53 | 0.076 | 10 | 0.61 | <5 | 7 | 9 | <5 | 0.22 | <10 | <10 | 76 | <10 | 219 | 17 |

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95°C for 2 hours and diluted to 25ml.



Signed: _____

*Quality Analysis ...* *Innovative Technologies*

**Date Submitted:** 30-Aug-10
**Invoice No.:** A10-5474
**Invoice Date:** 15-Sep-10
**Your Reference:** Cedartree East

**Metalore Resources**
**Box 422**
**Simcoe Ontario N3Y4L5**
**Canada**

**ATTN: Armen Chillian**

# CERTIFICATE OF ANALYSIS

34 Rock samples were submitted for analysis.

The following analytical package was requested: Code 1A3-50-Tbay Au - Fire Assay Gravimetric

REPORT **A10-5474**



Notes:

CERTIFIED BY :

Emmanuel Eseme , Ph.D.
Quality Control

**ACTIVATION LABORATORIES LTD.**

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1.905.648.9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

| **Analyte Symbol** | Au |
|---|---|
| **Unit Symbol** | g/tonne |
| **Detection Limit** | 0.02 |
| **Analysis Method** | FA-GRA |
| 262290 | 2.68 |
| 262291 | < 0.02 |
| 262292 | 0.08 |
| 262293 | < 0.02 |
| 262294 | < 0.02 |
| 262295 | < 0.02 |
| 262296 | < 0.02 |
| 262297 | < 0.02 |
| 262298 | < 0.02 |
| 262299 | 0.36 |
| 262300 | < 0.02 |
| 262301 | 0.42 |
| 262302 | 0.12 |
| 262303 | 0.96 |
| 262304 | 0.49 |
| 262305 | 0.18 |
| 262306 | 0.30 |
| 262307 | 0.24 |
| 262308 | 0.40 |
| 262309 | 0.17 |
| 262310 | 0.38 |
| 262311 | 1.79 |
| 262312 | 0.84 |
| 262313 | 0.24 |
| 262314 | 1.09 |
| 262315 | 0.50 |
| 262316 | 0.38 |
| 262317 | 0.32 |
| 262318 | 0.58 |
| 262319 | 0.08 |
| 262320 | < 0.02 |
| 262321 | < 0.02 |
| 262322 | < 0.02 |
| 262323 | < 0.02 |

## Quality Control

| | |
|---|---|
| **Analyte Symbol** | Au |
| **Unit Symbol** | g/tonne |
| **Detection Limit** | 0.02 |
| **Analysis Method** | FA-GRA |
| CDN-GS-7A Meas | 7.34 |
| CDN-GS-7A Cert | 7.20 |
| CDN-GS-20A Meas | 21.5 |
| CDN-GS-20A Cert | 21.12 |
| 262299 Orig | 0.36 |
| 262299 Dup | 0.36 |
| 262309 Orig | 0.18 |
| 262309 Dup | 0.16 |
| 262319 Orig | 0.08 |
| 262319 Split | 0.06 |
| 262319 Orig | 0.08 |
| 262319 Dup | 0.08 |

*Quality Analysis ...* *Innovative Technologies*

**Date Submitted:** 21-May-10
**Invoice No.:** A10-2424 (i)
**Invoice Date:** 09-Jun-10
**Your Reference:** Cedartree

**Metalore Resources**
**Box 422**
**Simcoe Ontario N3Y4L5**
**Canada**

**ATTN: Armen Chillian**

# CERTIFICATE OF ANALYSIS

41 Rock samples were submitted for analysis.

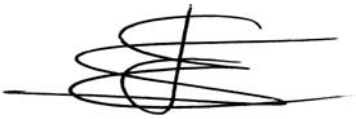
The following analytical packages were requested: Code 1C-Exp ICPOES-Tbay Fire Assay ICPOES
Code 1F2-Tbay Total Digestion ICP(TOTAL)

REPORT **A10-2424 (i)**



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

CERTIFIED BY :



Emmanuel Eseme , Ph.D.
Quality Control

ISO/IEC 17025
SCC Accredited
LAB 266
LAB 266
Accrédité CCN

**ACTIVATION LABORATORIES LTD.**

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+1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

## Activation Laboratories Ltd. Report: A10-2424 (i)

| Analyte Symbol | Au | Pd | Pt | Ag | Al | As | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg | K | Mg | Mn | Mo | Na | Ni | P |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Unit Symbol** | ppb | ppb | ppb | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | % | ppm | ppm | % | ppm | % |
| **Detection Limit** | 2 | 5 | 5 | 0.3 | 0.01 | 3 | 7 | 1 | 2 | 0.01 | 0.3 | 1 | 1 | 1 | 0.01 | 1 | 1 | 0.01 | 0.01 | 1 | 1 | 0.01 | 1 | 0.001 |
| **Analysis Method** | FA-ICP | FA-ICP | FA-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP |
| 262251 | < 2 | < 5 | < 5 | 0.3 | 4.98 | < 3 | 63 | < 1 | < 2 | 5.56 | 0.6 | 43 | 19 | 81 | 10.4 | 25 | < 1 | 0.58 | 1.96 | 1410 | < 1 | 1.62 | 11 | 0.039 |
| 262252 | 3 | < 5 | < 5 | < 0.3 | 5.12 | < 3 | 67 | < 1 | < 2 | 5.19 | 0.4 | 33 | 41 | 238 | 9.17 | 26 | < 1 | 0.60 | 2.19 | 1620 | < 1 | 1.87 | 13 | 0.040 |
| 262253 | < 2 | < 5 | < 5 | < 0.3 | 5.42 | < 3 | 111 | < 1 | < 2 | 5.85 | 0.4 | 17 | 43 | 253 | 9.49 | 27 | < 1 | 0.60 | 1.96 | 1310 | < 1 | 1.36 | 12 | 0.032 |
| 262254 | 2 | < 5 | < 5 | 0.6 | 5.91 | < 3 | 639 | < 1 | < 2 | 3.13 | 0.3 | 13 | 50 | 32 | 3.11 | 29 | < 1 | 2.26 | 0.77 | 427 | < 1 | 1.85 | 39 | 0.089 |
| 262255 | 6 | < 5 | < 5 | 0.6 | 8.08 | < 3 | > 1000 | 1 | < 2 | 1.44 | < 0.3 | 7 | 58 | 29 | 1.33 | 37 | < 1 | 4.35 | 0.62 | 154 | < 1 | 2.16 | 21 | 0.065 |
| 262256 | 3 | < 5 | < 5 | 0.4 | 5.38 | < 3 | 77 | < 1 | < 2 | 2.71 | 0.4 | 31 | 33 | 24 | 10.3 | 23 | < 1 | 0.89 | 0.38 | 637 | < 1 | 2.13 | 29 | 0.043 |
| 262257 | 12 | < 5 | < 5 | 0.5 | 4.46 | 8 | 77 | < 1 | < 2 | 2.01 | 0.6 | 24 | 20 | 22 | 12.3 | 21 | < 1 | 1.11 | 0.88 | 3160 | < 1 | 0.41 | 55 | 0.040 |
| 262258 | 25 | < 5 | < 5 | 1.1 | 2.23 | 8 | 142 | < 1 | 5 | 1.60 | 0.8 | 46 | 17 | 76 | 29.8 | 4 | < 1 | 0.20 | 0.58 | 929 | < 1 | 0.34 | 96 | 0.021 |
| 262259 | < 2 | < 5 | < 5 | 0.7 | 5.71 | < 3 | > 1000 | < 1 | < 2 | 1.40 | < 0.3 | 6 | 23 | 23 | 1.20 | 22 | 1 | 2.38 | 0.52 | 141 | < 1 | 2.82 | 14 | 0.046 |
| 262260 | < 2 | < 5 | < 5 | 0.5 | 6.21 | < 3 | 846 | < 1 | < 2 | 1.76 | < 0.3 | 11 | 39 | 43 | 2.31 | 25 | < 1 | 2.56 | 0.99 | 348 | < 1 | 4.07 | 27 | 0.078 |
| 262261 | 4 | < 5 | < 5 | 1.0 | 5.87 | < 3 | 786 | 1 | < 2 | 3.26 | < 0.3 | 7 | 86 | 22 | 2.58 | 25 | < 1 | 1.95 | 1.58 | 543 | 3 | 4.04 | 28 | 0.072 |
| 262262 | < 2 | 8 | 6 | 0.5 | 5.69 | < 3 | 230 | < 1 | < 2 | 4.58 | < 0.3 | 48 | 310 | 104 | 4.63 | 24 | < 1 | 1.52 | 0.81 | 690 | < 1 | 1.39 | 128 | 0.036 |
| 262263 | 2 | < 5 | < 5 | 0.5 | 6.18 | < 3 | 445 | < 1 | < 2 | 1.95 | < 0.3 | 8 | 35 | 23 | 2.82 | 25 | < 1 | 1.44 | 0.34 | 573 | < 1 | 2.71 | 8 | 0.041 |
| 262264 | < 2 | < 5 | < 5 | < 0.3 | 5.56 | < 3 | 71 | < 1 | < 2 | 7.80 | 0.4 | 50 | 129 | 45 | 7.25 | 19 | < 1 | 0.70 | 6.12 | 1330 | < 1 | 0.95 | 69 | 0.012 |
| 262265 | < 2 | 8 | 13 | < 0.3 | 2.16 | < 3 | 22 | < 1 | < 2 | 2.48 | 0.5 | 122 | 2080 | 3 | 8.57 | 14 | < 1 | 0.04 | 15.2 | 875 | < 1 | 0.13 | 939 | 0.008 |
| 262266 | < 2 | < 5 | < 5 | 0.6 | 7.37 | < 3 | 311 | < 1 | < 2 | 2.04 | < 0.3 | 10 | 30 | 24 | 1.36 | 28 | < 1 | 2.71 | 0.47 | 385 | 1 | 3.20 | 19 | 0.046 |
| 262267 | < 2 | < 5 | < 5 | 0.7 | 6.79 | < 3 | 284 | < 1 | < 2 | 2.63 | < 0.3 | 2 | 46 | 29 | 1.68 | 25 | < 1 | 2.21 | 0.74 | 840 | < 1 | 2.87 | 4 | 0.041 |
| 262268 | < 2 | < 5 | < 5 | 0.5 | 5.24 | < 3 | 269 | < 1 | < 2 | 1.45 | < 0.3 | 8 | 18 | 23 | 1.38 | 20 | < 1 | 1.98 | 0.41 | 289 | < 1 | 2.11 | 10 | 0.028 |
| 262269 | 2 | < 5 | < 5 | 0.4 | 5.89 | < 3 | 327 | < 1 | < 2 | 1.05 | < 0.3 | 3 | 48 | 10 | 1.67 | 20 | < 1 | 0.95 | 0.33 | 284 | 1 | 4.00 | 4 | 0.055 |
| 262270 | 10 | < 5 | < 5 | 0.8 | 5.88 | < 3 | 354 | < 1 | < 2 | 2.66 | < 0.3 | 17 | 51 | 64 | 3.39 | 24 | < 1 | 1.78 | 0.51 | 517 | < 1 | 1.97 | 23 | 0.044 |
| 262271 | 7 | < 5 | < 5 | 0.8 | 4.91 | < 3 | 650 | < 1 | < 2 | 1.81 | 1.0 | 4 | 39 | 66 | 1.62 | 19 | < 1 | 3.01 | 0.46 | 695 | < 1 | 0.08 | 6 | 0.046 |
| 262272 | 6 | 7 | < 5 | 0.8 | 6.91 | < 3 | 510 | < 1 | < 2 | 2.07 | < 0.3 | 14 | 46 | 35 | 2.13 | 27 | < 1 | 1.87 | 0.56 | 391 | < 1 | 2.71 | 20 | 0.052 |
| 262273 | 6 | 16 | 12 | 0.4 | 6.49 | < 3 | 62 | < 1 | < 2 | 7.24 | 0.9 | 43 | 336 | 67 | 6.70 | 20 | < 1 | 0.26 | 4.72 | 1570 | < 1 | 1.36 | 85 | 0.018 |
| 262274 | < 2 | < 5 | < 5 | 0.5 | 6.46 | 5 | 492 | < 1 | < 2 | 0.64 | < 0.3 | 6 | 16 | 23 | 1.35 | 30 | 1 | 4.09 | 0.61 | 230 | < 1 | 2.11 | 6 | 0.047 |
| 262275 | 2 | < 5 | < 5 | 0.4 | 5.87 | < 3 | 455 | < 1 | < 2 | 1.35 | < 0.3 | 13 | 44 | 73 | 2.76 | 22 | < 1 | 1.44 | 1.23 | 203 | < 1 | 2.48 | 8 | 0.055 |
| 262276 | < 2 | < 5 | < 5 | 0.4 | 6.24 | 4 | 191 | < 1 | < 2 | 1.47 | < 0.3 | 8 | 36 | 29 | 3.23 | 23 | < 1 | 1.27 | 0.66 | 552 | < 1 | 3.40 | 14 | 0.050 |
| 262277 | 3 | < 5 | < 5 | 1.3 | 6.38 | 4 | 170 | < 1 | < 2 | 2.68 | 2.3 | 17 | 28 | 121 | 3.80 | 23 | < 1 | 5.04 | 0.84 | 777 | 1 | 0.05 | 28 | 0.087 |
| 262278 | < 2 | < 5 | < 5 | 0.5 | 5.71 | < 3 | 331 | < 1 | < 2 | 0.37 | 5.2 | 10 | 64 | 93 | 3.71 | 24 | < 1 | 2.73 | 1.82 | 993 | < 1 | 0.19 | 14 | 0.096 |
| 262279 | 7 | < 5 | < 5 | 0.8 | 5.37 | < 3 | 149 | < 1 | < 2 | 0.24 | 1.2 | 15 | 27 | 154 | 3.39 | 23 | < 1 | 2.75 | 1.17 | 386 | < 1 | 0.14 | 17 | 0.067 |
| 262280 | < 2 | < 5 | < 5 | 0.9 | 5.36 | < 3 | 357 | < 1 | < 2 | 0.19 | 2.8 | 9 | 11 | 115 | 2.63 | 22 | < 1 | 2.36 | 0.93 | 317 | < 1 | 0.12 | 11 | 0.053 |
| 262281 | 11 | < 5 | < 5 | 1.9 | 7.99 | 4 | 153 | < 1 | < 2 | 0.33 | 4.5 | 35 | 21 | 537 | 6.37 | 36 | < 1 | 3.28 | 7.96 | 1610 | 2 | 0.19 | 16 | 0.017 |
| 262282 | 15 | < 5 | < 5 | 0.4 | 5.67 | 3 | 438 | 1 | < 2 | 1.40 | < 0.3 | 13 | 85 | 9 | 2.42 | 25 | < 1 | 2.47 | 0.56 | 246 | < 1 | 3.10 | 33 | 0.033 |
| 262283 | 41 | < 5 | < 5 | 0.4 | 6.50 | 15 | 568 | < 1 | < 2 | 3.19 | < 0.3 | 11 | 65 | 56 | 2.13 | 28 | < 1 | 2.24 | 0.52 | 259 | < 1 | 2.14 | 11 | 0.044 |
| 262284 | 61 | < 5 | < 5 | 0.5 | 6.00 | 29 | 185 | < 1 | < 2 | 2.24 | < 0.3 | 32 | 58 | 136 | 4.22 | 25 | < 1 | 1.25 | 0.83 | 356 | < 1 | 2.48 | 34 | 0.040 |
| 262285 | 4 | < 5 | < 5 | 0.7 | 6.79 | < 3 | 35 | < 1 | < 2 | 4.12 | 0.5 | 58 | 200 | 3 | 9.34 | 29 | 2 | 0.16 | 5.86 | 1630 | < 1 | 1.65 | 217 | 0.053 |
| 262286 | 71 | < 5 | < 5 | 0.6 | 5.62 | 7 | 65 | < 1 | < 2 | 3.12 | < 0.3 | 18 | 17 | 103 | 4.02 | 24 | < 1 | 0.06 | 1.48 | 535 | < 1 | 5.00 | 7 | 0.184 |
| 262287 | 306 | 9 | < 5 | 5.1 | 0.42 | 178 | 24 | < 1 | 5 | 0.09 | 0.3 | 29 | 73 | 150 | 35.8 | < 1 | < 1 | 0.04 | 0.17 | 249 | 3 | 0.05 | 18 | 0.035 |
| 262288 | 2 | < 5 | < 5 | 0.4 | 5.76 | < 3 | 82 | < 1 | < 2 | 5.12 | 0.4 | 11 | 26 | 10 | 7.31 | 32 | < 1 | 0.26 | 0.24 | 1420 | < 1 | 3.86 | 2 | 0.047 |
| 262289 | < 2 | < 5 | < 5 | 0.3 | 6.09 | < 3 | 94 | < 1 | < 2 | 5.30 | 0.4 | 10 | 14 | 11 | 7.99 | 32 | < 1 | 0.39 | 0.27 | 1440 | < 1 | 3.68 | 2 | 0.059 |

| Analyte Symbol | Pb | Sb | S | Sc | Sr | Te | Ti | Tl | U | V | W | Y | Zn | Zr |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit Symbol | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Detection Limit | 3 | 5 | 0.01 | 4 | 1 | 2 | 0.01 | 5 | 10 | 2 | 5 | 1 | 1 | 5 |
| Analysis Method | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP |
| 262251 | 6 | < 5 | 0.22 | 40 | 110 | 6 | 0.23 | < 5 | < 10 | 254 | < 5 | 28 | 38 | 36 |
| 262252 | 4 | < 5 | 0.68 | 40 | 81 | 2 | 0.46 | < 5 | < 10 | 288 | < 5 | 24 | 36 | 49 |
| 262253 | < 3 | < 5 | 0.19 | 41 | 139 | < 2 | 0.31 | < 5 | < 10 | 248 | < 5 | 24 | 38 | 46 |
| 262254 | 8 | < 5 | 0.99 | 7 | 581 | 3 | 0.30 | < 5 | < 10 | 72 | < 5 | 7 | 48 | 109 |
| 262255 | 4 | < 5 | 0.44 | 7 | 339 | < 2 | 0.31 | 7 | < 10 | 80 | < 5 | 6 | 24 | 118 |
| 262256 | 9 | < 5 | 8.05 | < 4 | 234 | 4 | 0.22 | < 5 | < 10 | 41 | < 5 | 5 | 21 | 95 |
| 262257 | 27 | < 5 | 8.36 | 6 | 189 | 7 | 0.18 | < 5 | < 10 | 47 | < 5 | 7 | 68 | 85 |
| 262258 | 28 | < 5 | 9.29 | < 4 | 149 | 17 | 0.11 | < 5 | < 10 | 36 | < 5 | 3 | 82 | 45 |
| 262259 | 8 | < 5 | 0.20 | 4 | 537 | 3 | 0.16 | < 5 | < 10 | 33 | < 5 | 5 | 47 | 118 |
| 262260 | 10 | < 5 | 0.76 | 7 | 532 | 7 | 0.24 | < 5 | < 10 | 63 | < 5 | 7 | 53 | 114 |
| 262261 | 7 | < 5 | 0.60 | 7 | 881 | < 2 | 0.29 | < 5 | 10 | 83 | < 5 | 6 | 56 | 130 |
| 262262 | 6 | < 5 | 1.15 | 24 | 324 | 2 | 0.35 | < 5 | < 10 | 160 | < 5 | 7 | 88 | 65 |
| 262263 | 6 | < 5 | 0.84 | 5 | 280 | < 2 | 0.26 | < 5 | < 10 | 61 | < 5 | 4 | 56 | 71 |
| 262264 | 3 | < 5 | < 0.01 | 50 | 64 | 3 | 0.25 | 9 | < 10 | 215 | < 5 | 9 | 39 | 19 |
| 262265 | 19 | < 5 | < 0.01 | 16 | 22 | 3 | 0.14 | < 5 | < 10 | 98 | < 5 | 5 | 130 | 16 |
| 262266 | < 3 | < 5 | 0.83 | 5 | 326 | < 2 | 0.26 | < 5 | < 10 | 52 | < 5 | 4 | 74 | 118 |
| 262267 | 7 | < 5 | 0.41 | 6 | 357 | < 2 | 0.23 | < 5 | < 10 | 50 | < 5 | 4 | 30 | 86 |
| 262268 | 3 | < 5 | 0.55 | < 4 | 294 | 6 | 0.15 | 5 | < 10 | 29 | < 5 | 4 | 78 | 85 |
| 262269 | 4 | < 5 | 0.39 | < 4 | 244 | 5 | 0.25 | < 5 | < 10 | 40 | < 5 | 6 | 38 | 122 |
| 262270 | 7 | < 5 | 2.28 | 7 | 414 | < 2 | 0.23 | < 5 | < 10 | 55 | < 5 | 4 | 152 | 93 |
| 262271 | 10 | < 5 | 0.29 | 5 | 85 | < 2 | 0.19 | < 5 | < 10 | 29 | 12 | 6 | 567 | 120 |
| 262272 | < 3 | < 5 | 1.38 | 8 | 397 | < 2 | 0.27 | < 5 | < 10 | 63 | < 5 | 6 | 104 | 110 |
| 262273 | < 3 | < 5 | 0.19 | 35 | 161 | 4 | 0.33 | < 5 | < 10 | 202 | < 5 | 12 | 83 | 23 |
| 262274 | 4 | < 5 | 0.56 | 4 | 325 | < 2 | 0.18 | < 5 | < 10 | 32 | < 5 | 6 | 65 | 119 |
| 262275 | 3 | < 5 | 0.59 | 6 | 153 | 3 | 0.24 | < 5 | < 10 | 44 | < 5 | 6 | 10 | 143 |
| 262276 | 5 | < 5 | 1.09 | 6 | 255 | < 2 | 0.25 | < 5 | < 10 | 56 | < 5 | 6 | 61 | 114 |
| 262277 | 15 | < 5 | 2.37 | 7 | 86 | < 2 | 0.26 | < 5 | < 10 | 61 | < 5 | 8 | 1310 | 120 |
| 262278 | < 3 | < 5 | 2.07 | 5 | 30 | 4 | 0.22 | < 5 | < 10 | 44 | < 5 | 8 | 2120 | 123 |
| 262279 | 4 | < 5 | 2.44 | 6 | 20 | < 2 | 0.22 | < 5 | < 10 | 54 | 6 | 6 | 562 | 83 |
| 262280 | < 3 | < 5 | 1.69 | 4 | 18 | < 2 | 0.16 | < 5 | < 10 | 30 | 13 | 7 | 1190 | 113 |
| 262281 | 43 | < 5 | 2.69 | 8 | 32 | 15 | 0.29 | < 5 | < 10 | 53 | < 5 | 8 | 1680 | 188 |
| 262282 | 3 | < 5 | 1.46 | 5 | 270 | < 2 | 0.19 | < 5 | < 10 | 43 | < 5 | 4 | 20 | 113 |
| 262283 | < 3 | < 5 | 0.81 | 5 | 238 | < 2 | 0.34 | < 5 | < 10 | 97 | < 5 | 4 | 25 | 73 |
| 262284 | < 3 | < 5 | 1.42 | 11 | 396 | < 2 | 0.24 | < 5 | < 10 | 94 | < 5 | 6 | 43 | 74 |
| 262285 | 6 | < 5 | 0.26 | 33 | 767 | 6 | 0.30 | < 5 | < 10 | 155 | < 5 | 11 | 174 | 100 |
| 262286 | 4 | < 5 | 1.03 | 6 | 573 | 8 | 0.32 | < 5 | 10 | 113 | < 5 | 12 | 43 | 155 |
| 262287 | 61 | < 5 | 0.44 | < 4 | 13 | 19 | 0.04 | < 5 | < 10 | 109 | < 5 | 3 | 17 | 36 |
| 262288 | 3 | < 5 | 0.02 | 12 | 329 | 11 | 0.26 | < 5 | < 10 | 6 | < 5 | 3 | 55 | 89 |
| 262289 | < 3 | < 5 | < 0.01 | 19 | 338 | 4 | 0.23 | 7 | < 10 | 6 | < 5 | 4 | 59 | 65 |

## Quality Control

| Analyte Symbol | Au | Pd | Pt | Ag | Al | As | Ba | Be | Bi | Ca | Cd | Co | Cr | Cu | Fe | Ga | Hg | K | Mg | Mn | Mo | Na | Ni | P |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Unit Symbol** | ppb | ppb | ppb | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | % | ppm | ppm | % | ppm | % |
| **Detection Limit** | 2 | 5 | 5 | 0.3 | 0.01 | 3 | 7 | 1 | 2 | 0.01 | 0.3 | 1 | 1 | 1 | 0.01 | 1 | 1 | 0.01 | 0.01 | 1 | 1 | 0.01 | 1 | 0.001 |
| **Analysis Method** | FA-ICP | FA-ICP | FA-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP |
| GXR-1 Meas | | | | 32.0 | 2.20 | 451 | 843 | 1 | 1390 | 0.96 | 3.3 | 8 | 24 | 1210 | 24.7 | 11 | 4 | 0.07 | 0.24 | 945 | 15 | 0.05 | 49 | 0.064 |
| GXR-1 Cert | | | | 31.0 | 3.52 | 427 | 750 | 1.22 | 1380 | 0.960 | 3.30 | 8.20 | 12.0 | 1110 | 23.6 | 13.8 | 3.90 | 0.0500 | 0.217 | 852 | 18.0 | 0.0520 | 41.0 | 0.0650 |
| DNC-1 Meas | | | | | | | 107 | | | | | 54 | 260 | 108 | | | | | | | | | 261 | |
| DNC-1 Cert | | | | | | | 118 | | | | | 57.0 | 270.0 | 100.0 | | | | | | | | | 247 | |
| GXR-4 Meas | | | | 3.3 | 5.24 | 97 | 214 | 2 | 6 | 1.10 | < 0.3 | 15 | 58 | 6420 | 2.95 | 23 | < 1 | 5.21 | 1.72 | 158 | 314 | 0.51 | 43 | 0.134 |
| GXR-4 Cert | | | | 4.00 | 7.20 | 98.0 | 1640 | 1.90 | 19.0 | 1.01 | 0.860 | 14.6 | 64.0 | 6520 | 3.09 | 20.0 | 0.110 | 4.01 | 1.66 | 155 | 310 | 0.564 | 42.0 | 0.120 |
| SDC-1 Meas | | | | < 0.3 | 5.93 | < 3 | 630 | 3 | < 2 | 1.10 | < 0.3 | 19 | 76 | 40 | 4.50 | | | 2.35 | 1.00 | 874 | < 1 | 1.49 | 40 | 0.055 |
| SDC-1 Cert | | | | 0.0410 | 8.34 | 0.220 | 630 | 3.00 | 2.60 | 1.00 | 0.0800 | 17.9 | 64.0 | 30.0 | 4.82 | | | 2.72 | 1.02 | 883 | 0.250 | 1.52 | 38.0 | 0.0690 |
| SCO-1 Meas | | | | 0.5 | 5.21 | 10 | 531 | 2 | < 2 | 2.01 | < 0.3 | 11 | 75 | 27 | 3.36 | | | 1.83 | 1.58 | 392 | < 1 | 0.66 | 30 | 0.083 |
| SCO-1 Cert | | | | 0.134 | 7.24 | 12.4 | 570 | 1.84 | 0.370 | 1.87 | 0.140 | 10.5 | 68.0 | 28.7 | 3.59 | | | 2.30 | 1.64 | 410 | 1.37 | 0.670 | 27.0 | 0.0900 |
| GXR-6 Meas | | | | 0.5 | 9.42 | 252 | > 1000 | 1 | < 2 | 0.18 | 0.8 | 17 | 75 | 65 | 5.27 | 38 | < 1 | 1.49 | 0.59 | 1070 | < 1 | 0.09 | 28 | 0.034 |
| GXR-6 Cert | | | | 1.30 | 17.7 | 330 | 1300 | 1.40 | 0.290 | 0.180 | 1.00 | 13.8 | 96.0 | 66.0 | 5.58 | 35.0 | 0.0680 | 1.87 | 0.609 | 1010 | 2.40 | 0.104 | 27.0 | 0.0350 |
| OREAS 13P Meas | | | | | | | | | | | | | | 2530 | 7.28 | | | | | | | | 2280 | |
| OREAS 13P Cert | | | | | | | | | | | | | | 2500 | 7.58 | | | | | | | | 2260 | |
| Oreas 72a (4 Acid Digest) Meas | | | | | | < 3 | | | | | | 140 | 230 | 304 | 8.90 | | | | | | | | 6730 | |
| Oreas 72a (4 Acid Digest) Cert | | | | | | 14.7 | | | | | | 157 | 228 | 316 | 9.63 | | | | | | | | 6930.000 | |
| CDN-PGMS-15 Meas | 365 | 429 | 103 | | | | | | | | | | | | | | | | | | | | | |
| CDN-PGMS-15 Cert | 410.000 | 428.000 | 98.000 | | | | | | | | | | | | | | | | | | | | | |
| CDN-PGMS-15 Meas | 359 | 405 | 88 | | | | | | | | | | | | | | | | | | | | | |
| CDN-PGMS-15 Cert | 410.000 | 428.000 | 98.000 | | | | | | | | | | | | | | | | | | | | | |
| CDN-PGMS-15 Meas | 376 | 453 | 108 | | | | | | | | | | | | | | | | | | | | | |
| CDN-PGMS-15 Cert | 410.000 | 428.000 | 98.000 | | | | | | | | | | | | | | | | | | | | | |
| CDN-PGMS-17 Meas | 925 | 4450 | 1050 | | | | | | | | | | | | | | | | | | | | | |
| CDN-PGMS-17 Cert | 927.00 | 4300.00 | 998.000 | | | | | | | | | | | | | | | | | | | | | |
| 262258 Orig | | | | 1.1 | 2.24 | 9 | 141 | < 1 | 5 | 1.60 | 0.7 | 45 | 19 | 76 | 29.7 | 4 | < 1 | 0.20 | 0.58 | 931 | < 1 | 0.34 | 94 | 0.021 |
| 262258 Dup | | | | 1.1 | 2.21 | 7 | 143 | < 1 | 4 | 1.60 | 0.8 | 47 | 15 | 76 | 29.9 | 4 | < 1 | 0.20 | 0.58 | 926 | 1 | 0.34 | 97 | 0.021 |
| 262260 Orig | < 2 | < 5 | < 5 | | | | | | | | | | | | | | | | | | | | | |
| 262260 Dup | < 2 | < 5 | < 5 | | | | | | | | | | | | | | | | | | | | | |
| 262270 Orig | 10 | < 5 | < 5 | | | | | | | | | | | | | | | | | | | | | |
| 262270 Dup | 10 | < 5 | < 5 | | | | | | | | | | | | | | | | | | | | | |
| 262272 Orig | | | | 0.9 | 6.94 | < 3 | 509 | < 1 | < 2 | 2.08 | < 0.3 | 14 | 49 | 33 | 2.14 | 27 | < 1 | 2.11 | 0.56 | 387 | < 1 | 2.72 | 20 | 0.051 |
| 262272 Dup | | | | 0.7 | 6.89 | < 3 | 510 | < 1 | < 2 | 2.07 | < 0.3 | 14 | 44 | 38 | 2.13 | 26 | < 1 | 1.63 | 0.56 | 394 | < 1 | 2.70 | 20 | 0.052 |
| 262280 Orig | < 2 | < 5 | < 5 | 0.9 | 5.36 | < 3 | 357 | < 1 | < 2 | 0.19 | 2.8 | 9 | 11 | 115 | 2.63 | 22 | < 1 | 2.36 | 0.93 | 317 | < 1 | 0.12 | 11 | 0.053 |
| 262280 Split | < 2 | < 5 | < 5 | 0.8 | 5.49 | < 3 | 422 | < 1 | < 2 | 0.20 | 2.7 | 10 | 24 | 126 | 2.69 | 22 | < 1 | 2.43 | 0.95 | 322 | < 1 | 0.13 | 11 | 0.054 |
| 262281 Orig | 13 | < 5 | < 5 | | | | | | | | | | | | | | | | | | | | | |
| 262281 Dup | 9 | < 5 | < 5 | | | | | | | | | | | | | | | | | | | | | |
| Method Blank Method Blank | < 2 | < 5 | < 5 | | | | | | | | | | | | | | | | | | | | | |
| Method Blank Method Blank | < 2 | < 5 | < 5 | | | | | | | | | | | | | | | | | | | | | |
| Method Blank Method Blank | | | | < 0.3 | < 0.01 | < 3 | < 7 | < 1 | < 2 | < 0.01 | < 0.3 | < 1 | 43 | < 1 | < 0.01 | < 1 | < 1 | < 0.01 | < 0.01 | 13 | < 1 | < 0.01 | < 1 | < 0.001 |
| Method Blank Method Blank | | | | < 0.3 | < 0.01 | < 3 | < 7 | < 1 | < 2 | < 0.01 | < 0.3 | < 1 | 46 | < 1 | < 0.01 | < 1 | < 1 | < 0.01 | < 0.01 | 10 | < 1 | < 0.01 | < 1 | < 0.001 |
| Method Blank Method Blank | < 2 | < 5 | < 5 | | | | | | | | | | | | | | | | | | | | | |

## Quality Control

| Analyte Symbol | Pb | Sb | S | Sc | Sr | Te | Ti | Tl | U | V | W | Y | Zn | Zr |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit Symbol | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Detection Limit | 3 | 5 | 0.01 | 4 | 1 | 2 | 0.01 | 5 | 10 | 2 | 5 | 1 | 1 | 5 |
| Analysis Method | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP | TD-ICP |
| GXR-1 Meas | 755 | 17 | 0.26 | < 4 | 305 | 19 | | < 5 | 40 | 93 | 161 | 29 | 749 | 30 |
| GXR-1 Cert | 730 | 122 | 0.257 | 1.58 | 275 | 13.0 | | 0.390 | 34.9 | 80.0 | 164 | 32.0 | 760 | 38.0 |
| DNC-1 Meas | | < 5 | | 27 | 130 | | | | | 144 | | 15 | 54 | 36 |
| DNC-1 Cert | | 0.96 | | 31 | 144.0 | | | | | 148.0 | | 18.0 | 70.0 | 38 |
| GXR-4 Meas | 44 | < 5 | 1.79 | 7 | 212 | < 2 | | 6 | < 10 | 91 | 34 | 13 | 67 | 45 |
| GXR-4 Cert | 52.0 | 4.80 | 1.77 | 7.70 | 221 | 0.970 | | 3.20 | 6.20 | 87.0 | 30.8 | 14.0 | 73.0 | 186 |
| SDC-1 Meas | 19 | < 5 | 0.05 | 13 | 164 | | 0.20 | | | 53 | < 5 | 31 | 94 | 43 |
| SDC-1 Cert | 25.0 | 0.540 | 0.0650 | 17.0 | 183 | | 0.606 | | | 102 | 0.800 | 40.0 | 103 | 290 |
| SCO-1 Meas | 22 | < 5 | | 10 | 153 | | 0.34 | | | 130 | < 5 | 18 | 92 | 108 |
| SCO-1 Cert | 31.0 | 2.50 | | 10.8 | 174 | | 0.380 | | | 131 | 1.40 | 26.0 | 103 | 160 |
| GXR-6 Meas | 93 | < 5 | 0.01 | 24 | 36 | < 2 | | < 5 | < 10 | 146 | < 5 | 12 | 122 | 85 |
| GXR-6 Cert | 101 | 3.60 | 0.0160 | 27.6 | 35.0 | 0.0180 | | 2.20 | 1.54 | 186 | 1.90 | 14.0 | 118 | 110 |
| OREAS 13P Meas | | | | | | | | | | | | | | |
| OREAS 13P Cert | | | | | | | | | | | | | | |
| Oreas 72a (4 Acid Digest) Meas | | | 1.61 | | | | | | | | | | | |
| Oreas 72a (4 Acid Digest) Cert | | | 1.74 | | | | | | | | | | | |
| CDN-PGMS-15 Meas | | | | | | | | | | | | | | |
| CDN-PGMS-15 Cert | | | | | | | | | | | | | | |
| CDN-PGMS-15 Meas | | | | | | | | | | | | | | |
| CDN-PGMS-15 Cert | | | | | | | | | | | | | | |
| CDN-PGMS-15 Meas | | | | | | | | | | | | | | |
| CDN-PGMS-15 Cert | | | | | | | | | | | | | | |
| CDN-PGMS-17 Meas | | | | | | | | | | | | | | |
| CDN-PGMS-17 Cert | | | | | | | | | | | | | | |
| 262258 Orig | 26 | < 5 | 9.44 | 4 | 147 | 29 | 0.10 | < 5 | < 10 | 36 | < 5 | 3 | 79 | 45 |
| 262258 Dup | 31 | < 5 | 9.14 | < 4 | 150 | 4 | 0.11 | < 5 | < 10 | 37 | < 5 | 3 | 85 | 44 |
| 262260 Orig | | | | | | | | | | | | | | |
| 262260 Dup | | | | | | | | | | | | | | |
| 262270 Orig | | | | | | | | | | | | | | |
| 262270 Dup | | | | | | | | | | | | | | |
| 262272 Orig | 3 | < 5 | 1.39 | 8 | 400 | < 2 | 0.27 | < 5 | < 10 | 63 | < 5 | 6 | 105 | 110 |
| 262272 Dup | < 3 | < 5 | 1.38 | 8 | 394 | < 2 | 0.27 | < 5 | < 10 | 62 | < 5 | 6 | 104 | 110 |
| 262280 Orig | < 3 | < 5 | 1.69 | 4 | 18 | < 2 | 0.16 | < 5 | < 10 | 30 | 13 | 7 | 1190 | 113 |
| 262280 Split | 3 | < 5 | 1.72 | 4 | 19 | < 2 | 0.17 | < 5 | < 10 | 32 | < 5 | 7 | 1220 | 116 |
| 262281 Orig | | | | | | | | | | | | | | |
| 262281 Dup | | | | | | | | | | | | | | |
| Method Blank Method Blank | | | | | | | | | | | | | | |
| Method Blank Method Blank | | | | | | | | | | | | | | |
| Method Blank Method Blank | < 3 | < 5 | < 0.01 | < 4 | < 1 | < 2 | < 0.01 | < 5 | < 10 | < 2 | < 5 | < 1 | < 1 | < 5 |
| Method Blank Method Blank | < 3 | < 5 | < 0.01 | < 4 | < 1 | < 2 | < 0.01 | < 5 | < 10 | < 2 | < 5 | < 1 | < 1 | < 5 |
| Method Blank Method Blank | | | | | | | | | | | | | | |

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**Certificate of Analysis**

Friday, October 1, 2010

MetalOre Resources Limited PO Box 422
Simcoe, ON, CAN
N3Y4L5
Ph#: (519) 428-2464
Fax#: (519) 428-2466, (519) 429-9696
Email#: info@metaloreresources.com, armen.chilian@gmail.com

Date Received: 09/27/2010
Date Completed: 09/30/2010
Job #: 201044097
Reference:
Sample #: 6 Rock

| Acc # | Client ID | Au ppb | Au oz/t | Au g/t (ppm) |
|---|---|---|---|---|
| 282478 | 262333 | <5 | <0.001 | <0.005 |
| 282479 | 262334 | 5 | <0.001 | 0.005 |
| 282480 | 262335 | <5 | <0.001 | <0.005 |
| 282481 | 262336 | <5 | <0.001 | <0.005 |
| 282482 | 262337 | 471 | 0.014 | 0.471 |
| 282483 | 262338 | 43 | 0.001 | 0.043 |
| 282484 Dup | 262338 | 9 | <0.001 | 0.009 |

PROCEDURE CODES: ALP1, ALFA1

Certified By:

Jason Moore, General Manager

The results included on this report relate only to the items tested
The Certificate of Analysis should not be reproduced except in full, without the written
approval of the laboratory

AL903-0128-10/01/2010 7:58 AM

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**Certificate of Analysis**

Friday, October 1, 2010

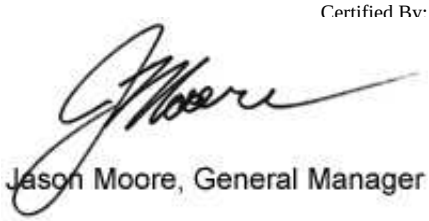
MetalOre Resources Limited PO Box 422
Simcoe, ON, CAN
N3Y4L5
Ph#: (519) 428-2464
Fax#: (519) 428-2466, (519) 429-9696
Email#: info@metaloreresources.com, armen.chilian@gmail.com

Date Received: 09/20/2010
Date Completed: 10/01/2010
Job #: 201043968
Reference:
Sample #: 7 Rock

| Acc # | Client ID | Au ppb | Au oz/t | Au g/t (ppm) |
|---|---|---|---|---|
| 272893 | 262326 | 13 | <0.001 | 0.013 |
| 272894 | 262327 | 6 | <0.001 | 0.006 |
| 272895 | 262328 | 21 | <0.001 | 0.021 |
| 272896 | 262329 | 20 | <0.001 | 0.020 |
| 272897 | 262330 | 20 | <0.001 | 0.020 |
| 272898 | 262331 | 160 | 0.005 | 0.160 |
| 272899 | 262332 | 75 | 0.002 | 0.075 |
| 272900 Dup | 262332 | 73 | 0.002 | 0.073 |

PROCEDURE CODES: ALP1, ALFA1

Certified By:




The results included on this report relate only to the items tested
The Certificate of Analysis should not be reproduced except in full, without the written
approval of the laboratory

AL903-0128-10/01/2010 3:12 PM