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ASSESSMENT REPORT

describing

PROSPECTING AND HAND TRENCHING

at the

PROSPECTOR MOUNTAIN PROPERTY

Hayes 1-112	YB66122-YB66233
113-130	YB97178-YB97195
131-172	YB97090-YB97131
173-180	YB97196-YB97203
181-226	YB97132-YB97177
227-239	YB97204-YB97216

NTS 115I/05
Latitude 62°27'N; Longitude 137°52'W

in the

Whitehorse Mining District,
Yukon Territory

prepared by

Archer, Cathro & Associates (1981) Limited

for

TARSIS RESOURCES LTD.

by

W.A.Wengzynowski, P.Eng.

March 2010

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INTRODUCTION

The Prospector Mountain property is situated within the Tintina Gold Belt, west central Yukon and covers a combine copper-gold porphyry and silver-lead-gold lode target. Tarsis Resources Ltd. owns the property 100%.

This report describes prospecting, hand trenching and soil sampling across porphyry and lode targets within the eastern and western parts of the property, respectively. All work was conducted from tent camps at various locations on the property. The program was completed at intermittent times between July 13 and August 22, 2010. Exploration was funded by Tarsis and managed by Archer, Cathro & Associates (1981) Limited. The author participated in and/or supervised the work program. The author's Statement of Qualifications appears in Appendix I.

PROPERTY LOCATION, CLAIM DATA AND ACCESS

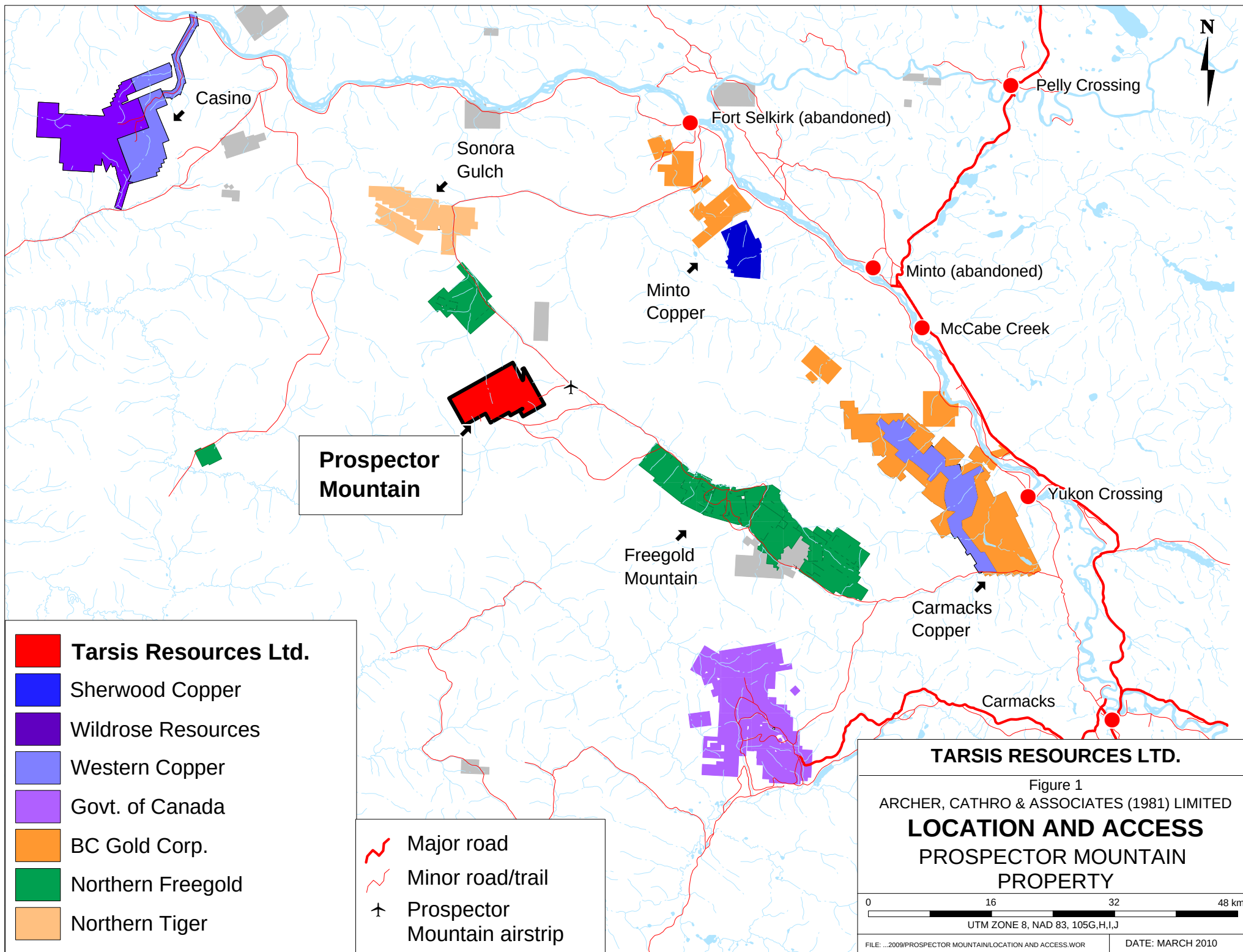
The Prospector Mountain property consists of 239 contiguous mineral claims located in west-central Yukon on NTS map sheets 115I/05 at latitude 62°26'N and longitude 137°52'W (Figure 1). The claims are registered with the Whitehorse Mining Recorder in the name of Tarsis Resources Ltd. The locations of individual claims are shown on Figure 2 while claim registration data are listed below.

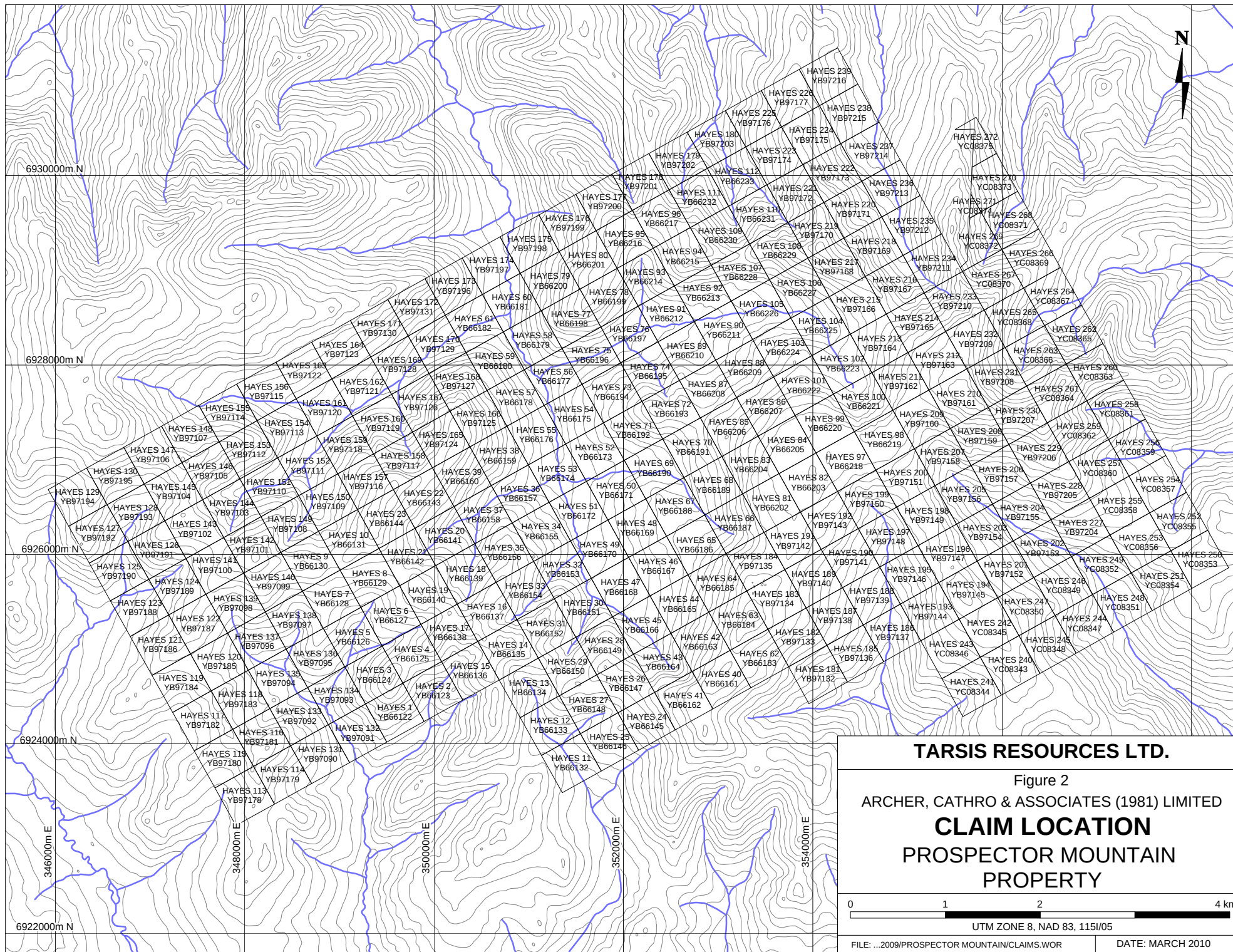
<u>Claim Name</u>	<u>Grant Number</u>	<u>Expiry Date *</u>
Hayes 1-112	YB66122-YB66233	April 08, 2013
113-130	YB97178-YB97195	April 08, 2013
131-172	YB97090-YB97131	April 08, 2013
173-180	YB97196-YB97203	April 08, 2013
181-226	YB97132-YB97177	April 08, 2013
227-239	YB97204-YB97216	April 08, 2013

*Expiry dates include 2009 work which has been filed for assessment credit but not yet accepted.

The Prospector Mountain property is located 88 km west-northwest of Carmacks. A network of gravel roads and trails provide access to the property via the Freegold Road which runs west of Carmacks to within 30 km of the property. From there an old bulldozer trail known as the Lilypad road continues to the property. The trail is rugged but can be traversed by All Terrain Vehicle (ATV) and bulldozer, but would require upgrading for 4x4 vehicle use.

In 2009, helicopter support was provided by Heli Dynamics Ltd. from Northern Freegold's base camp.





GEOMORPHOLOGY

The property covers Prospector Mountain to the east, the headwaters of Hayes Creek in the centre and Apex Mountain to the west. Elevations on the property range from 1128 m to 1965 m. Most of the property is above treeline and covered by alpine vegetation. Lower slopes are covered by dwarf willow, alder and spruce trees, while north and east facing slopes are generally underlain by permafrost.

The area escaped continental glaciation, but has undergone some alpine glaciation. Because of the lack of glaciation and the effects of permafrost, there is relatively little outcrop. Most outcrop is confined to ridge tops and occasional creek exposures. Ridge tops and slopes are generally covered by felsenmeer and talus.

Carmacks is located at the southern edge of the central Yukon region that tends to experience extremes in temperature. Specific climate information for the Carmacks area is not available. Because of the Yukon's mountainous terrain, weather varies widely in the Territory, even between communities located relatively near each other. Nevertheless, climate information for Faro, 180 km to the east on the Robert Campbell Highway, is probably the best available indicator of the Carmacks climate.

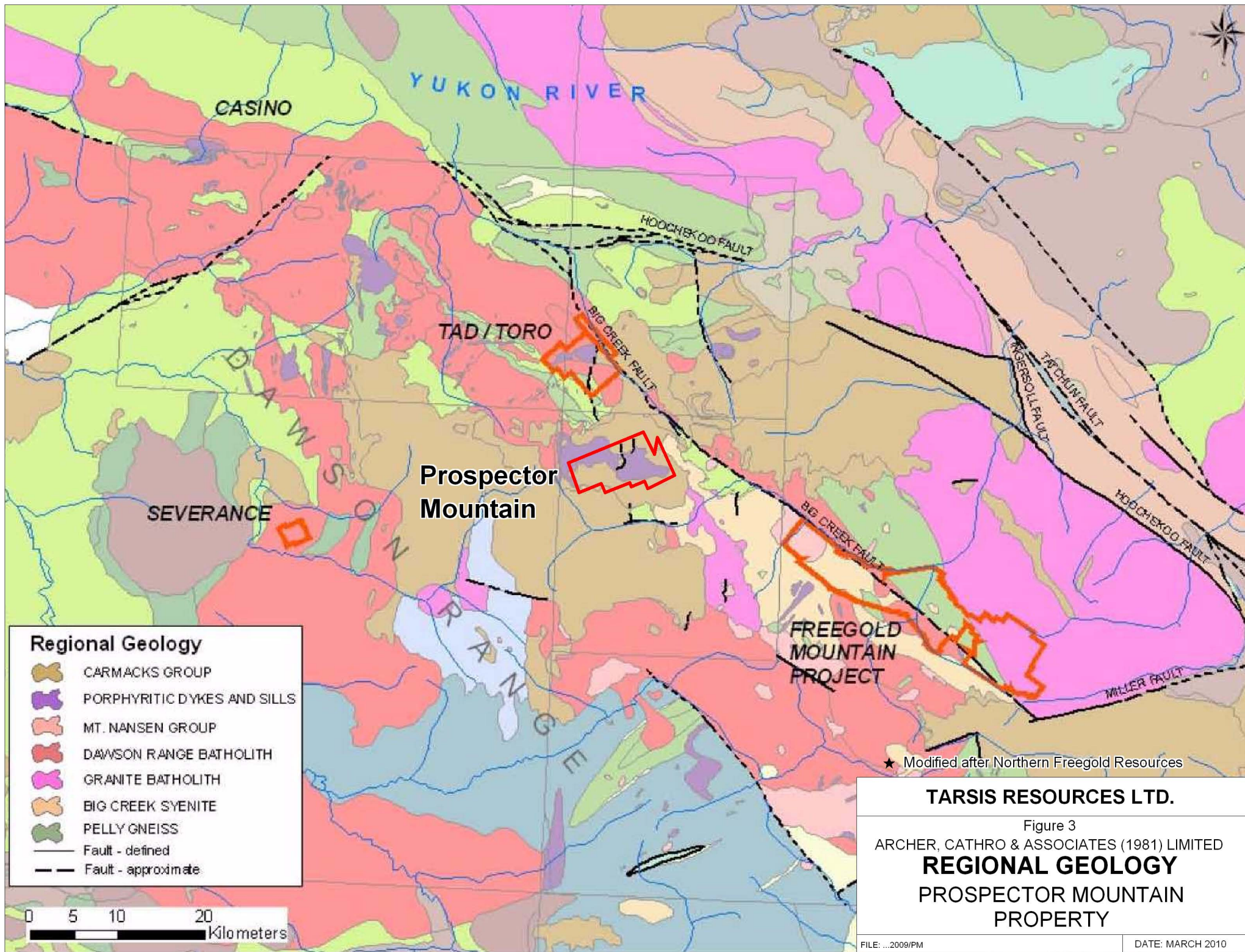
Over the past few decades Faro's typical January weather was a daytime high of minus 17 degrees Celsius, dropping to minus 26 C at night. Temperatures in July and August typically reached a daily maximum of 18 C to 21 C, with night-time temperatures of 6 C to 9 C. Total annual precipitation in Faro over the 1971-to-2000 period averaged 316 mm, with a little more than two-thirds falling as rain and about 110 cm as snow (Yukon Communities, 2010).

GEOLOGY

Regional Geology

The property lies within the Dawson Range portion of the Tintina Gold Belt. The oldest rocks in the area comprise metamorphosed Paleozoic rocks of the Yukon Tanana Terrain (Figure 3). They are divided into two distinctive units: The lower metasedimentary unit, comprised of quartzite, schist, meta-greywacke, argillite, slate, conglomerate, re-crystallized limestone and meta-volcanic rocks; and the upper quartz-feldspathic schist unit containing schistose volcanic rocks and gneissic plutonic rocks (Payne, et. Al., 1987).

The Yukon Tanana Terrain has been intruded by batholiths and plutons of three Mesozoic suites. The older two, which show penetrative metamorphic textures, are the Triassic (?) Klotassin Suite (hornblende-biotite granodiorite to diorite) and the Jurassic (?) Big Creek Suite (hornblende monzonite to quartz-bearing monzonite). The third is the un-metamorphosed, Early Cretaceous, Dawson Range Suite (hornblende-biotite-quartz diorite to quartz monzonite). Slightly younger igneous units consist of felsic to intermediate volcanic and subvolcanic rocks of the Mount Nansen Suite. Early Tertiary igneous rocks include extrusive andesite, basalt, and minor rhyodacite of the Carmacks Suite, and the slightly younger monzonite to quartz monzonite of the Prospector Mountain Suite.



The dominant structure in the area is the northwest-trending Big Creek Fault east of the property. Numerous north to northeast-trending minor structures may be splays off the Big Creek Fault.

The area has numerous porphyry-style mineral deposits associated with Cretaceous porphyritic stocks, the most significant of which is the Casino Porphyry copper-gold-molybdenum deposit. Published reserves at Casino are 914 M tonnes grading 0.237 g/t Au, 0.212% Cu and 0.0236% Mo (Western Copper Corp., 2010).

Property Geology

The following excerpts have been taken from the 1999 Troymin Resources Ltd. assessment report and edited to incorporate minor additional observations. Work conducted by Tarsis did not differentiate sub units within the volcanic or intrusive suites.

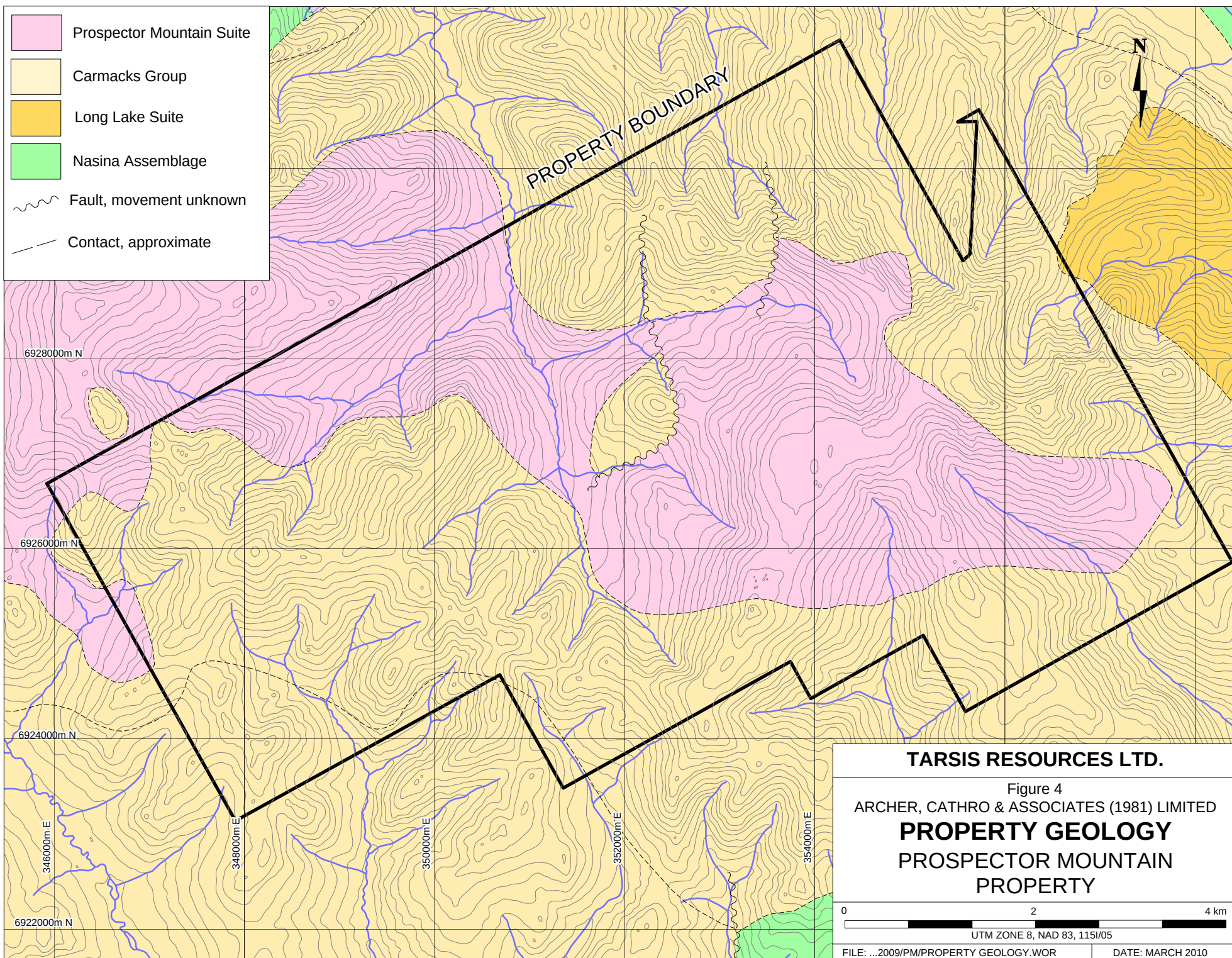
The property is underlain by volcanic rocks of the Late Cretaceous to Early Tertiary Carmacks Suite (Figure 4). These rocks can be divided into three sections, two of which are exposed on the property. The lower volcanic section is comprised of andesite flows, tuff, breccias, minor shale and basalt and is dominant in the northeast, south and west. The upper volcanic section is comprised of andesite and basalt flows and is exposed in the southwestern corner of the property. The basal volcanic section of the Carmacks Suite consists of rhyodacite tuff, but it has not been observed on the property.

The volcanic rocks are intruded by the Prospector Mountain Suite which occurs as an irregular east-west band through the centre of the property. These rocks are compositionally monzonitic to quartz monzonitic with variable amounts of biotite and hornblende. They vary from equigranular to porphyritic with potassium feldspar phenocrysts up to 2 cm long. Distinct phases were observed in 2009 but were not mapped in detail. Numerous, late stage, quartz-bearing porphyritic monzonite dykes of the Prospector Mountain Suite intrude the monzonite on the ridge west of the Prospector Mountain peak. The dykes are up to 20 metres wide and appeared to follow north trending, steeply dipping, structures. Some dykes exhibit intense hydrothermal clay alteration and contain fine felted tourmaline rosettes.

Two linear structural trends predominate: 345° to 005° and 020° to 045°. They are easily mapped as through-going linear depressions on ridge crests and are easily distinguished on available airphotos. In the volcanic rocks, especially in the western portion of the property, these structures often host quartz-tourmaline veins. In the intrusive rocks the structures are occasionally occupied by dykes, as described above. A large north trending structure is evident along the Hayes Creek valley, off-setting the Prospector Mountain Suite through this area.

HISTORY

The Prospector Mountain locale covers an area of hydrothermal alteration and mineralization indicative of both a porphyry copper-gold and an epithermal gold-silver mineralizing environment. Several stages of historical exploration have been carried out on and near the current limits of the property boundary focusing on the target styles mentioned. Historical



geochemistry for copper, gold, silver, lead, arsenic and molybdenum are illustrated on Figures 5-15 while a compilation of various workings including bulldozer trenches, trails, induced polarization grids and diamond drill holes are shown on Figure 16.

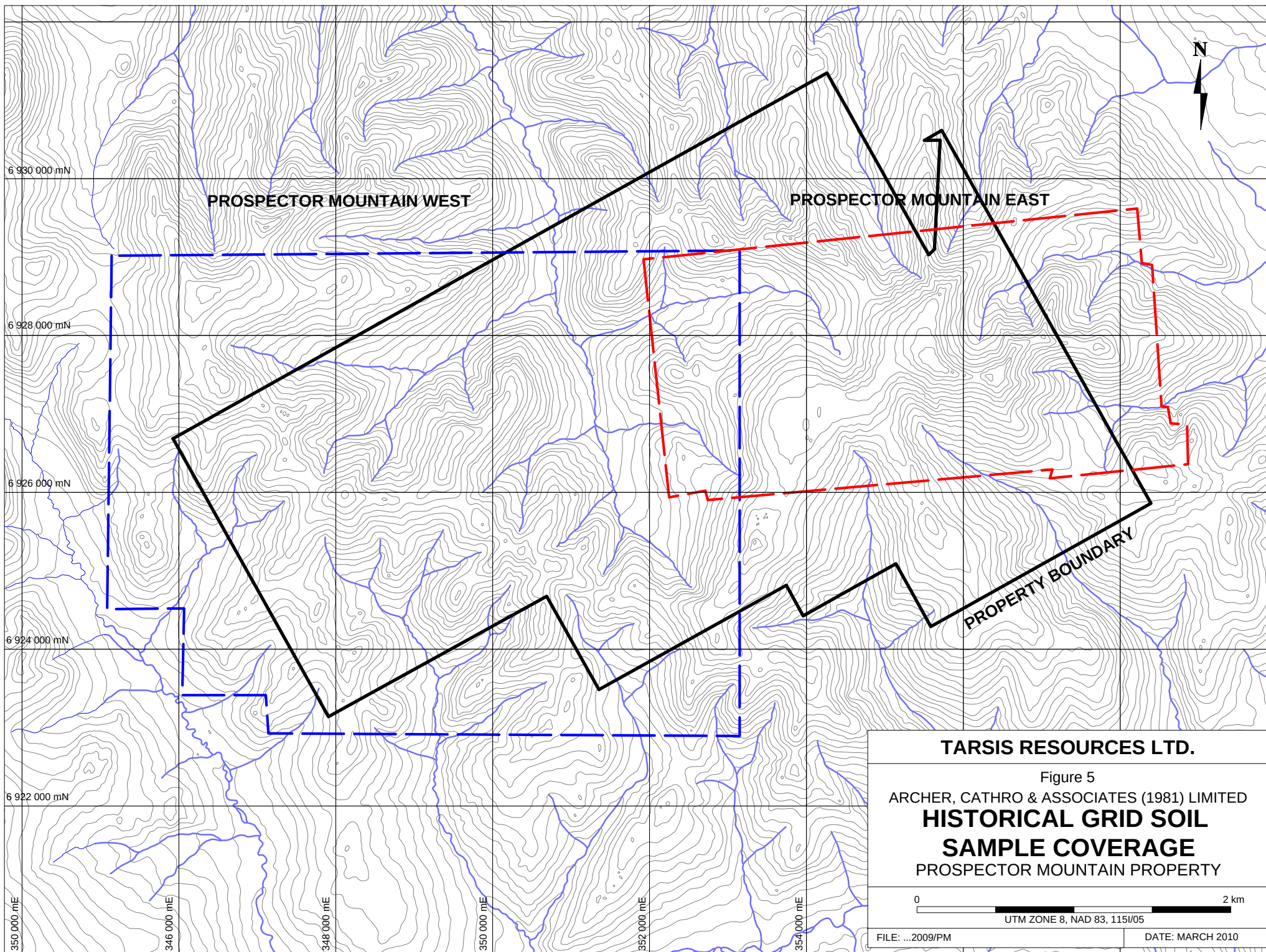
The first documented work in the area took place in the late 1960's and consisted of stream sediment sampling conducted by International Mines Services Ltd. This work highlighted a number of drainages yielding elevated values for copper, lead and zinc. In summer 1970 International Mines followed up the regional stream sediment data with focused grid soil sampling which included the collection of 1435 soil samples at 125 m by 60 m spacings (Waugh, 1970). The samples were analyzed for copper, lead and molybdenum. In general the results were considered poor and no further work was recommended at that time.

During fall 1970 Phelps Dodge of Canada Corporation Limited performed soil geochemical sampling, prospecting and mapping west of the International Mines ground but concluded that no anomalies of significance were identified (Smith, 1971). The work suggested that lead-zinc anomalies had poor correlation with the copper anomalies and were likely associated with individual targets.

In 1971 Occidental Minerals Corporation of Canada conducted exploration within an area east of the International Mines ground. This work included line cutting, grid soil sampling, mapping and prospecting (Allebone and Mehrotra, 1971). Six individual northwest trending copper-zinc-molybdenum anomalies were outlined across the grid, three of which were up to 2.8 km by 1.2 km in size and likely attributed to porphyry style mineralization. Recommendations were made to conduct follow-up Induced Polarization surveys across the anomalies to identify potential drill targets but this work was not implemented.

Between 1979 and 1982 a contiguous claim block totaling roughly 12300 hectares was assembled in the vicinity of the current property boundary and subjected to integrated exploration programs consisting of mapping and sampling of lineaments, bulldozer trenching, 637 m of diamond drilling in 7 holes and airstrip construction (Onasick and Archer, 1981; Archer, 1981; Eaton, 1982). This exploration focused on the discovery of epithermal style gold-silver vein mineralization. Over 50 veins were discovered on the property, mostly associated with recessive northeasterly trending lineaments in the vicinity of the ridge tops. Some of these lineaments are documented up to 200 m wide. Veins discovered within the lineaments are comprised of transparent, chalcedonic, cockade, drusy or massive quartz mineralized with variable concentrations of silver and gold-bearing sulphosalts, galena, chalcopryite, sphalerite and pyrite. Disseminated and massive tourmaline is noted within some vein occurrences. Numerous showings discovered in this time frame yielded specimens containing multi-ounce silver and multi-gram gold. The best analyses were reported for select specimens containing up to 26.88 g/t Au and 8400 g/t Ag with 69.3% Pb.

Diamond drilling intersected vein zones across widths in excess of 50 m up to 150 m below surface. Most intercepts were reliably predictable from the surface showings in bulldozer trenches and the material often consisted of strongly leached gouge or sludge with minor remnants of quartz and carbonate. The best results from intercepts graded 8 g/t Au across 3 m



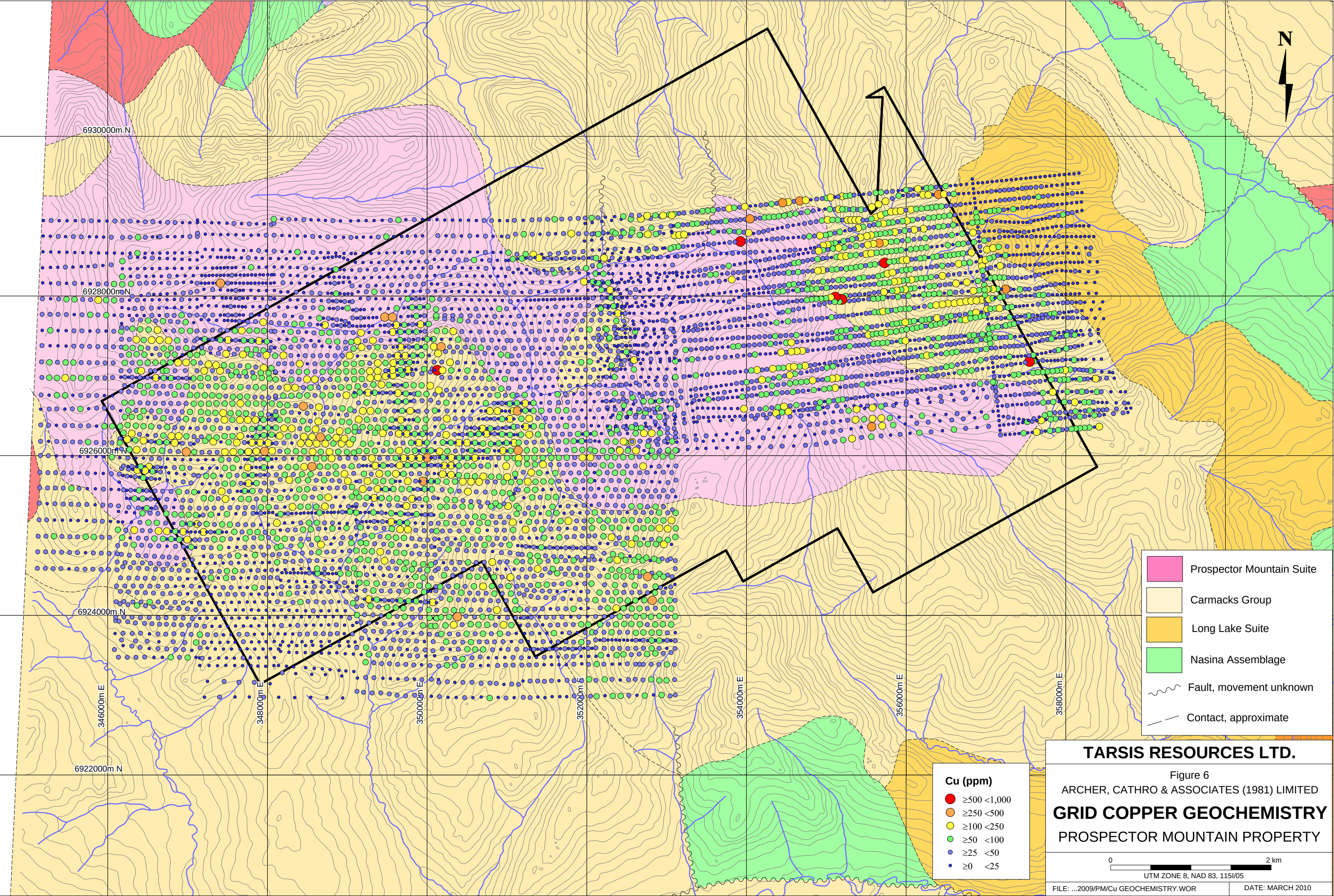
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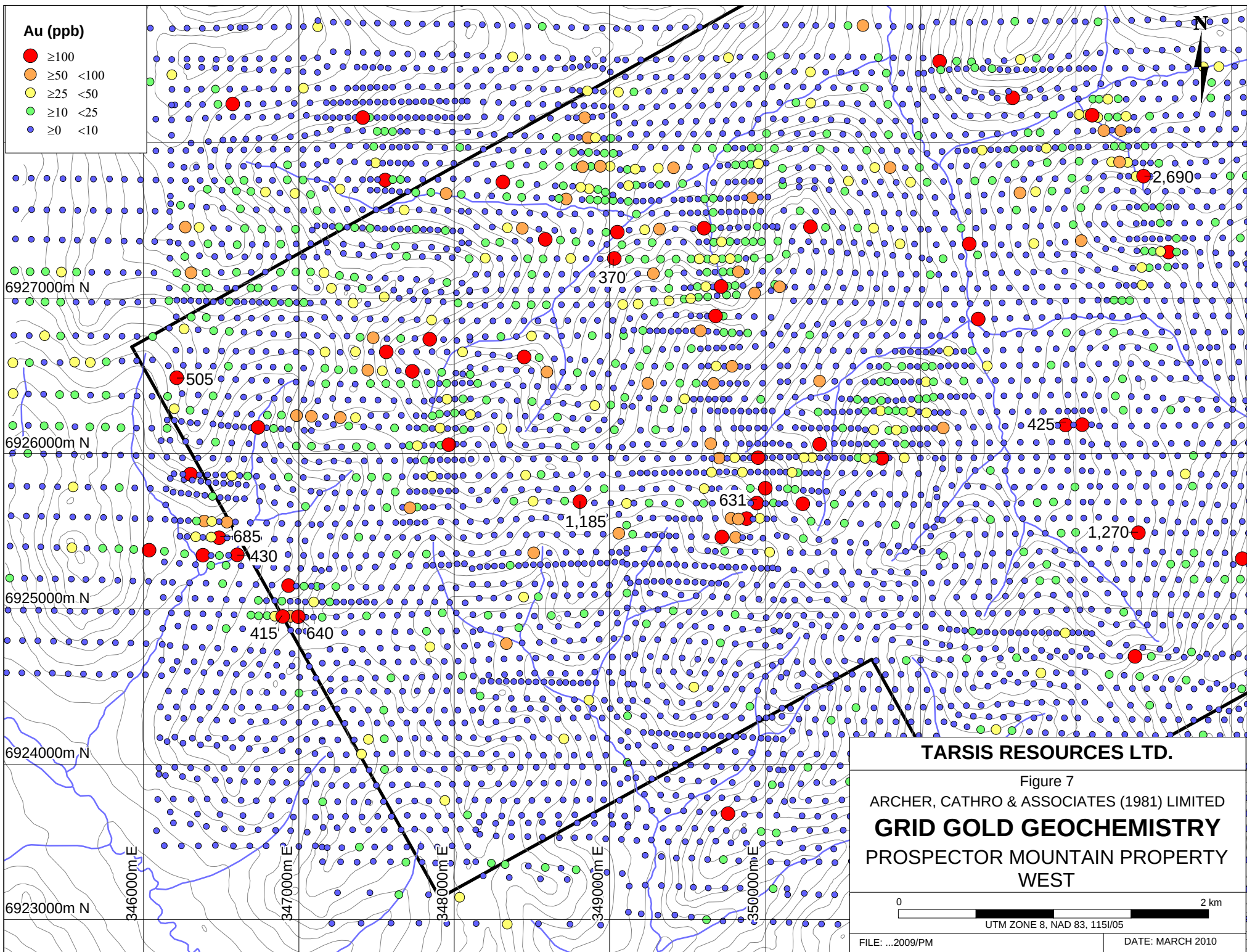
Figure 5
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
**HISTORICAL GRID SOIL
SAMPLE COVERAGE**
PROSPECTOR MOUNTAIN PROPERTY

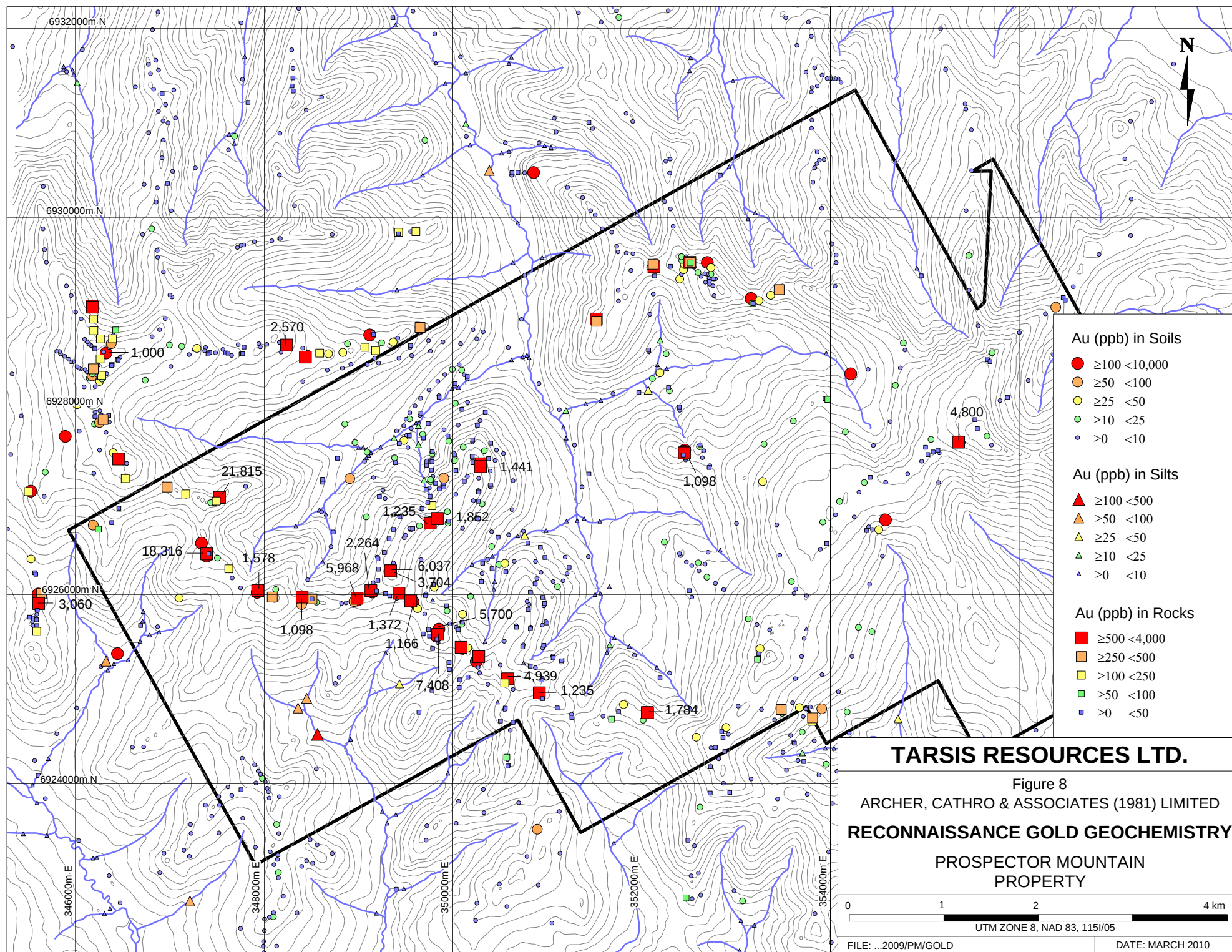
0 2 km
UTM ZONE 8, NAD 83, 1151/05

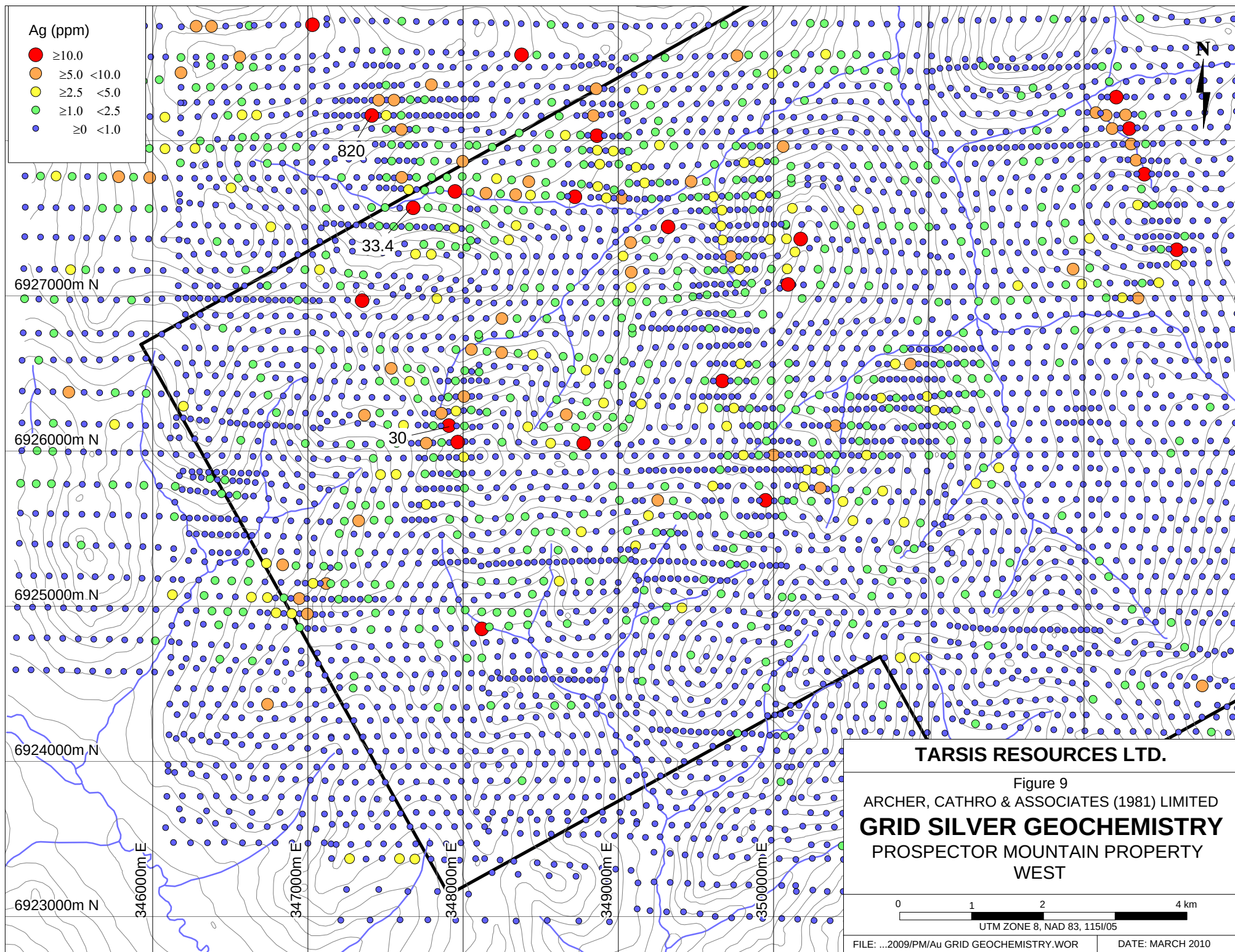
FILE: ...2009/PM

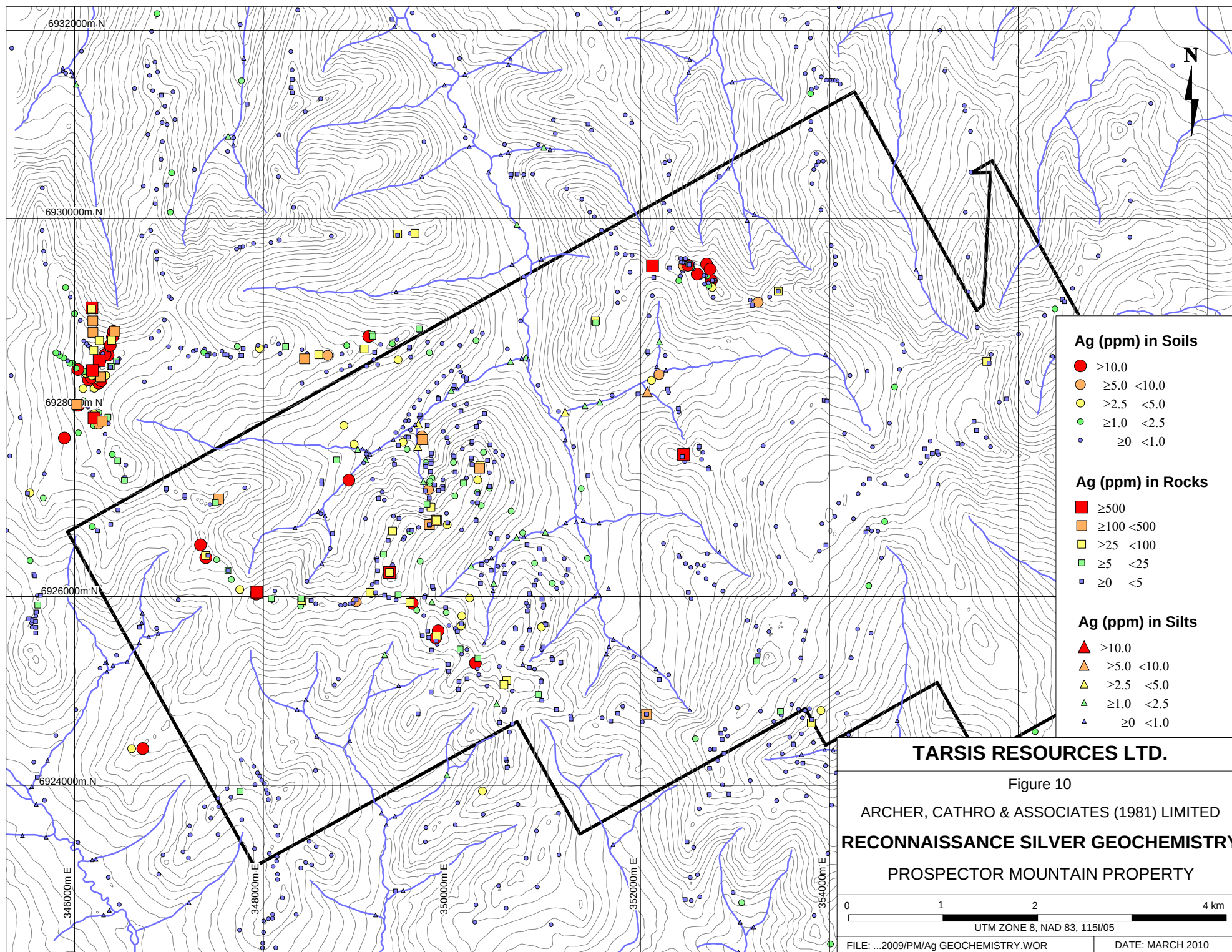
DATE: MARCH 2010

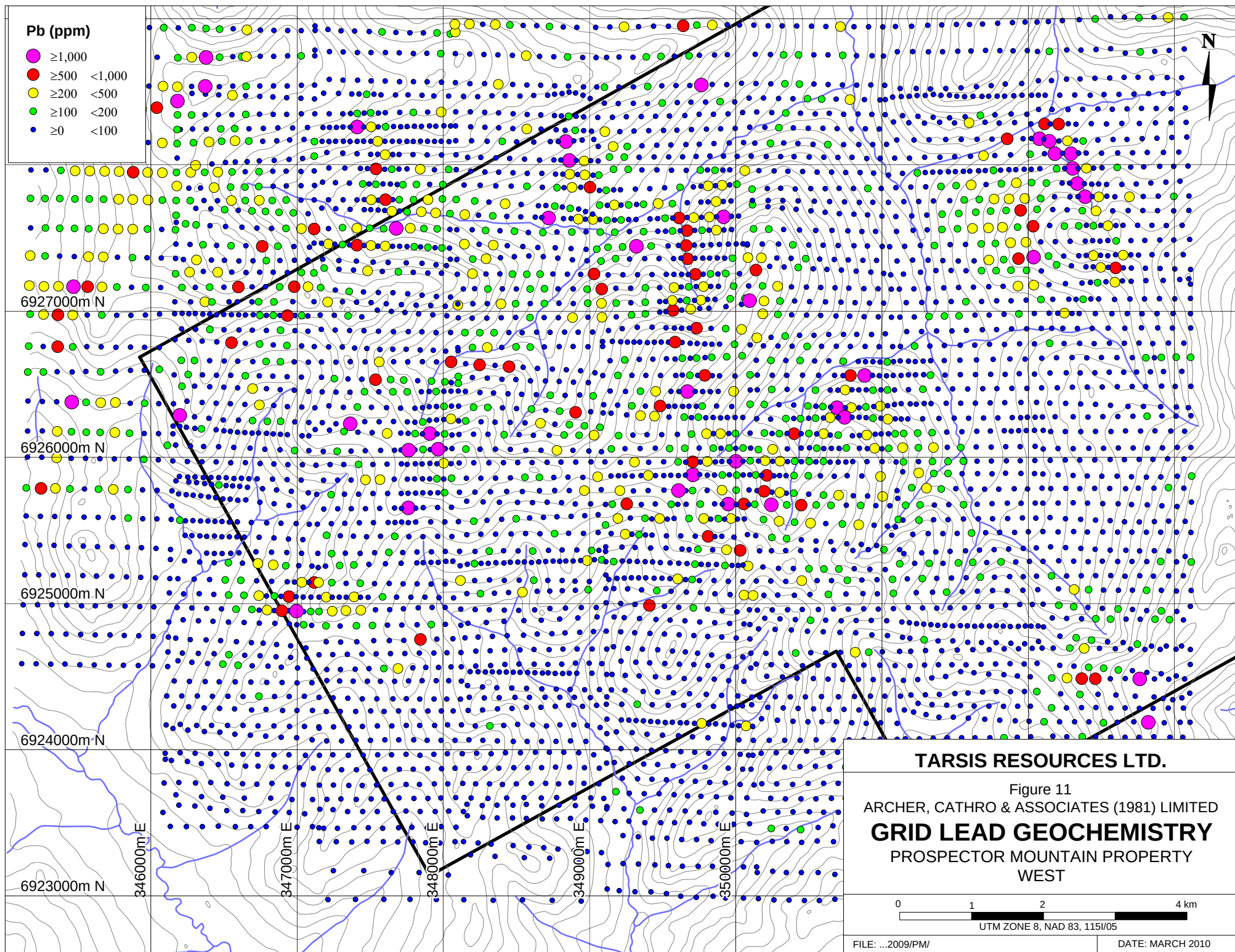


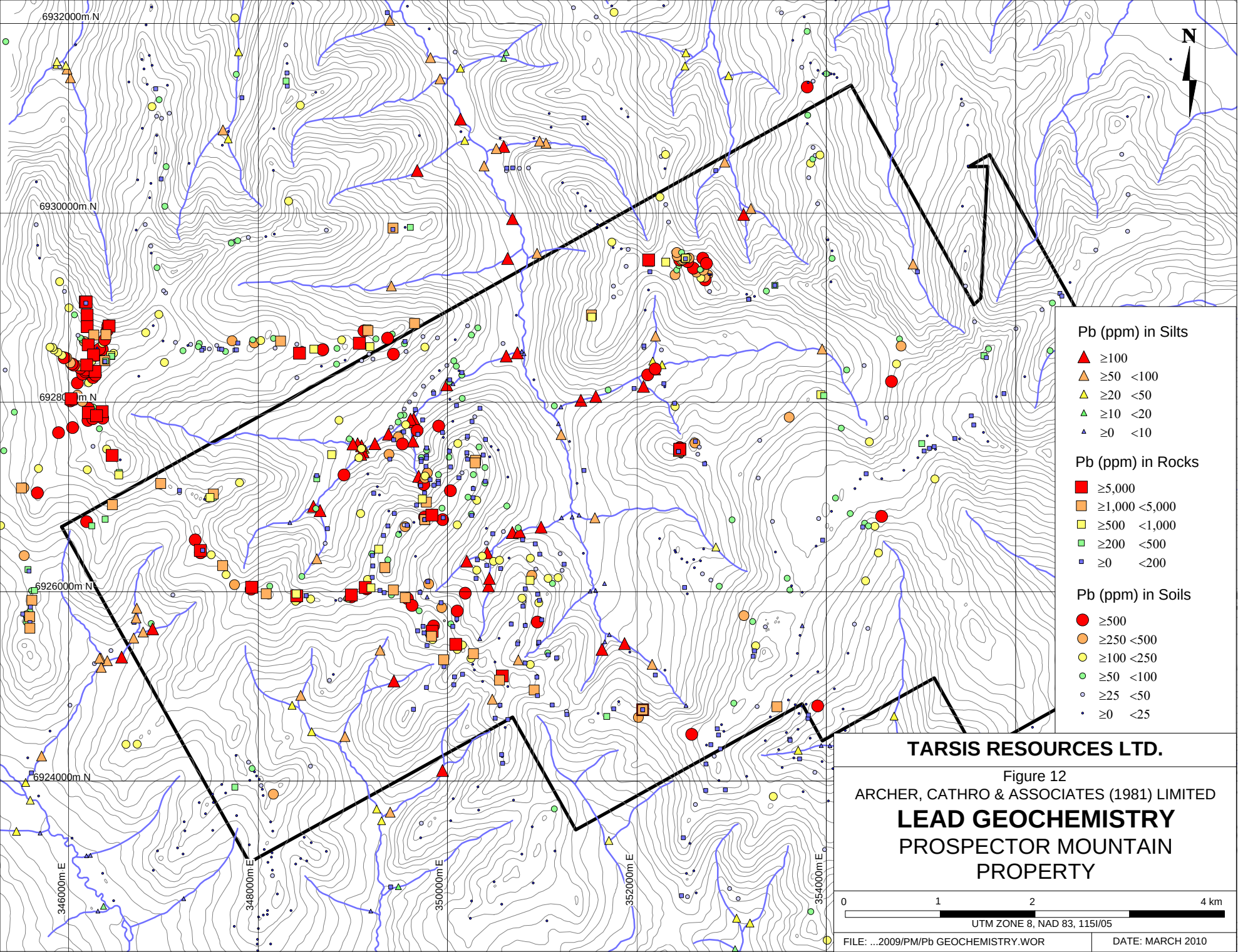


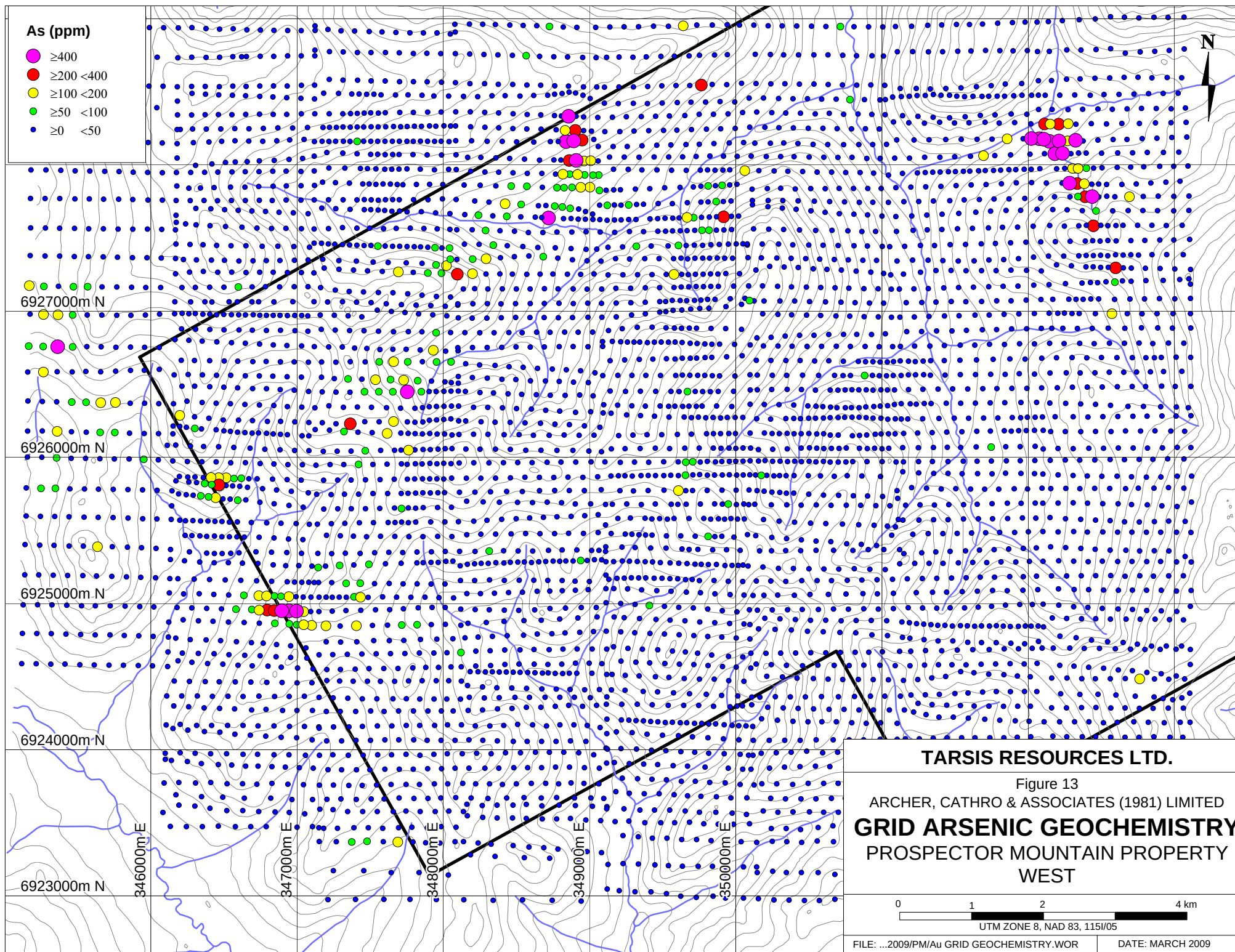


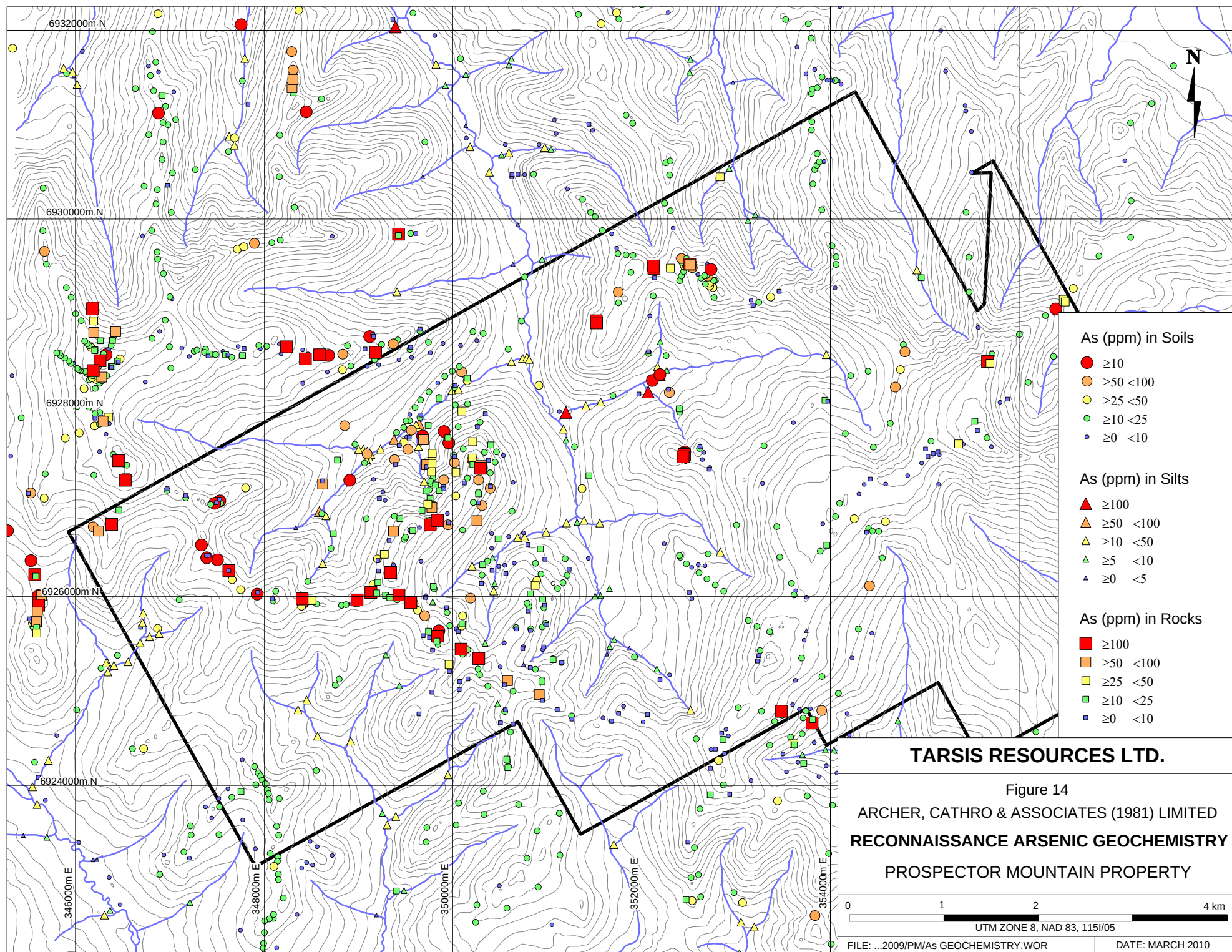


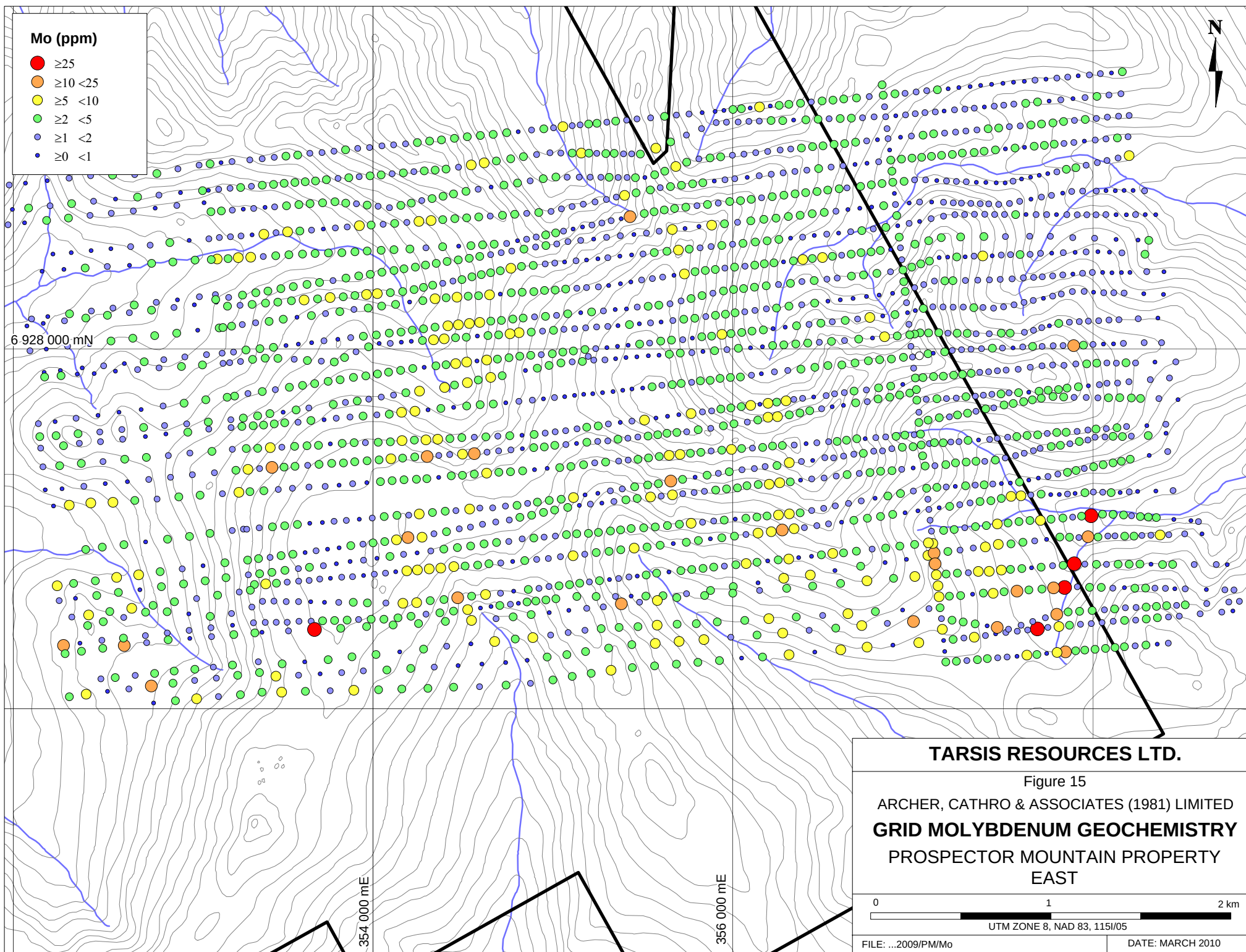


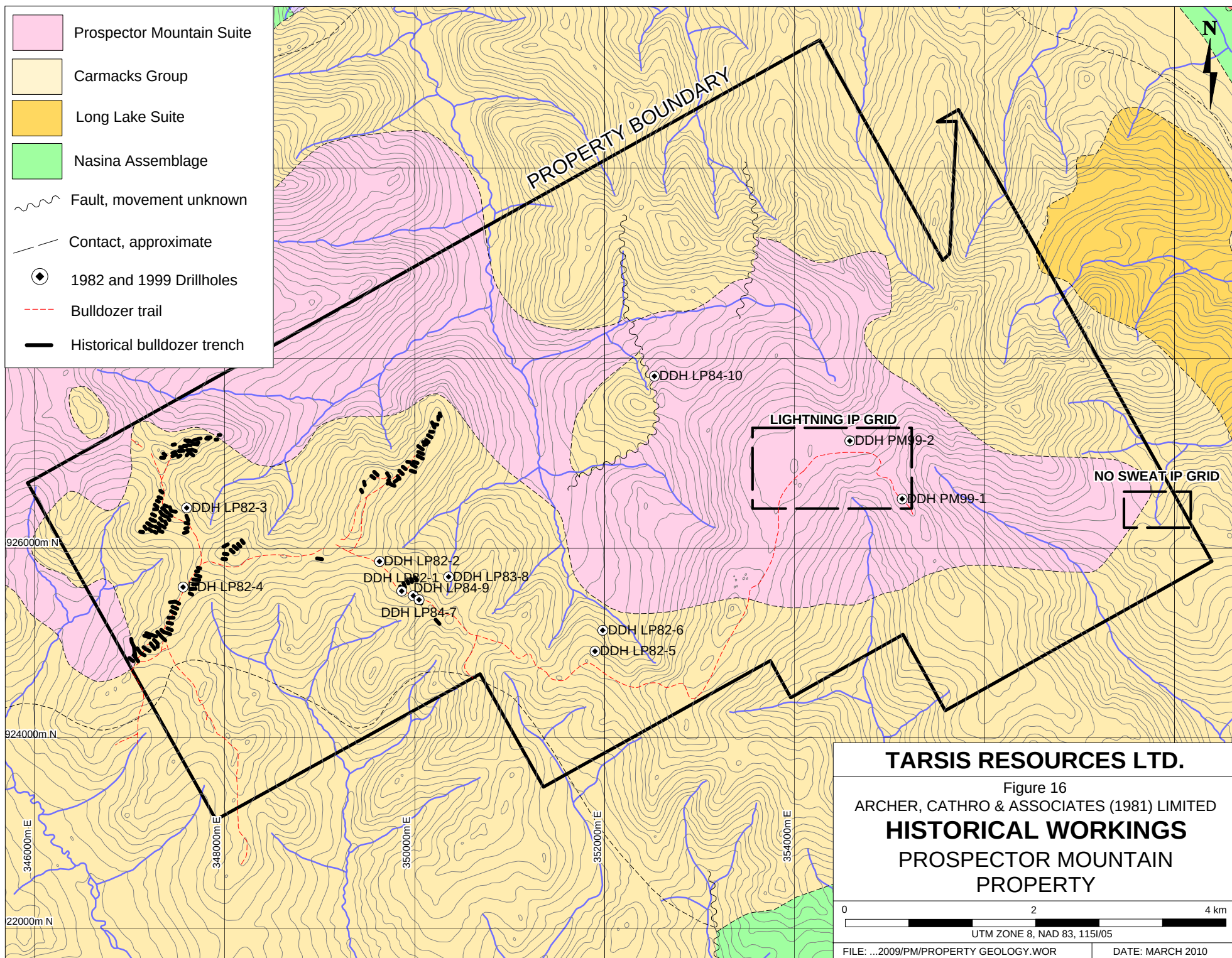












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Figure 16
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
HISTORICAL WORKINGS
PROSPECTOR MOUNTAIN
PROPERTY

including a sub interval of 19.6 g/t Au across 1 m. Another hole reportedly returned 346 g/t Ag and 15.3% Pb across 0.3 m.

Additional work in the late 1990's was refocused toward the identification of porphyry targets by Troymin Resources Ltd. (Cassleman, 1999). This work expanded the soil geochemical coverage on two small grids in the eastern part of the property, implemented approximately 13.5 line km of IP surveys and 336 m of diamond drilling in two holes. Both holes were located on the Lightning IP grid in the vicinity of chargeability IP anomalies and historical Cu and/or Mo soil geochemical anomalies. Sufficient disseminated pyrite was encountered in monzonite to explain the IP chargeability anomalies but no significant base or precious metal results were encountered.

2009 PROGRAM

During July and August 2009, Tarsis explored the property to assess the merits of the historical targets and begin defining future diamond drill targets. This work included broad alteration mapping and prospecting within the eastern part of the property and examination of several vein zones within the western part of the claim block.

Eastern Porphyry Target

Prospecting and lesser alteration mapping were conducted in the vicinity of the historical copper-molybdenum soil geochemical anomalies identified in the 1970s and 1980s that was reported to coincide with select pieces of monzonite talus exhibiting high concentrations of hydrothermal magnetite bearing fractures and veinlets with coincident chalcopyrite disseminations. Thin section analysis of this material revealed the presence classic K-silicate alteration, hydrothermal actinolite, magnetite and apatite in the quartz veins; mineralogy commonly found to be associated with alkalic copper-gold systems.

Porphyry alteration mapping and prospecting were conducted within a 4 km² area west and southwest of Prospector Mountain peak near the contact between the Carmacks Suite volcanic rocks and the Prospector Mountain Suite monzonite. This area is centred on an intermittent 1,500 m northwest trending copper-in-soil geochemical anomaly (100 to 250 ppm) largely confined to an upland plateau. The most common rock type observed within the plateau, adjacent slopes and ridge tops is medium- to coarse-grained monzonite with very little visible alteration. These rocks commonly comprise glassy fresh orthoclase, quartz, biotite, hornblende and magnetite; the latter of which is believed to be largely magmatic in nature. Alteration is generally weak and consists of minor chlorite alteration of biotite and hornblende. Fine grained weakly disseminated pyrite is also observed in localized talus trains and is easily identified by its surface oxidation. Fine grained intrusive is observed in talus and is likely associated with coeval or later dykes. These rocks are often strongly clay altered and bleached with trace to abundant fine black tourmaline rosettes.

Prospecting within the plateau is largely hampered by grass and talus cover, however, traverses along recessive north to northwest trending benches above the plateau and along west facing slopes identified numerous locales containing sericite altered quartz tourmaline vein material

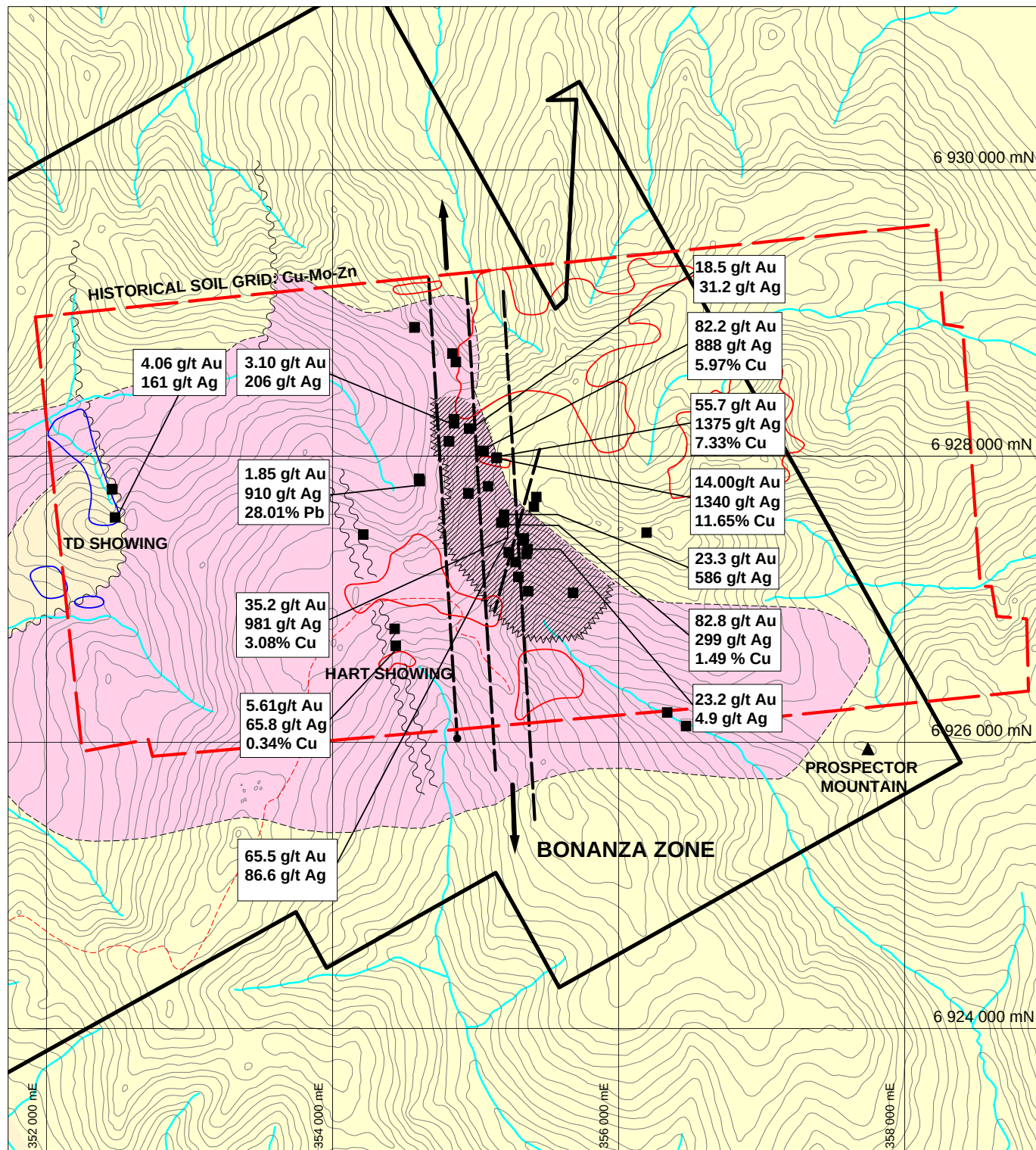
with various combinations of accessory specularite, earthy hematite, mag-hematite, fluorite and magnetite as disseminations and veinlets plus patchy limonite. This material is ubiquitous within the area prospected and is interpreted to represent widespread phyllic-style alteration.

Intermittent talus trains and localized concentrations of distinct secondary potassic altered monzonite were mapped in proximity to a distinct northerly trending structural corridor cutting the eastern apophysis of the Prospector Mountain Suite intrusion near the contact with the bordering Carmacks Suite volcanic assemblage. At one ridge top location near the contact between these two units, radial fracturing was observed within the monzonite and orthoclase veins containing large books of pale brown biotite were observed cutting the overlying volcanic rocks.

Fifty rock samples were collected for analyses during prospecting and alteration mapping in the vicinity of Prospector Mountain (Figure 17). All assays were carried out at ALS Chemex in North Vancouver, B.C. where samples were dried and fine crushed before a 250 gram split was pulverized to better than 85% passing 75 microns. Gold analyses were obtained by the Au-AA23 procedure that involves fire assay preparation using a 30 gram charge with an atomic absorption spectroscopy finish. Gold values exceeding upper detection limits of 10 ppm were taken to completion using fire assay with gravimetric finish Au-GRA21. Due to the unusual high grade gold response from such a number of samples, additional check analyses were performed from the coarse reject material. These analyses were conducted at Acme Analytical Laboratories Ltd. in Vancouver, B.C. using similar analytical techniques. Final gold values were then calculated using an arithmetic average of initial assay results and check assay results from the two different labs. Certificates of analysis for both labs are contained in Appendix II.

Two main areas of interest were highlighted as a result of the prospecting traverses. The majority of the rock samples collected for analyses in the Eastern Porphyry Target plot within a well defined north northwesterly trending structural corridor termed the **Bonanza Zone**. It hosts a series of high grade gold-silver-copper showings along a 1,200 m portion of the trend near the eastern contact between potassic altered Prospector Mountain Suite monzonite and overlying Carmacks Suite volcanic rocks. Locally derived vein talus ranging from 5 to 35 cm thickness collected from eight sites along the trend is mostly comprised of multiple pulse vuggy quartz and quartz breccia with varying combinations of accessory earthy to specular hematite, black tourmaline, hematized siderite and limonite. A number of samples also contain malachite and azurite either as breccia clasts, matrix filling and later fracture filling. Only rare occurrences of pyrite and chalcopryrite are noted within the samples and this is largely due to the level of near surface oxidation.

Table I lists significant results for vein material collected along the trend of the Bonanza Zone and all the rock sample locations for the Eastern Porphyry Target area are illustrated on Figure 18.



- Copper >100 ppm
- Silver >2 ppm
- Prospector Mountain Suite
- Carmacks Group
- Fault, movement unknown
- Contact, approximate
- Bulldozer road
- Trench
- Potassic alteration
- Rock specimen with significant Au±Ag±Cu value

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Figure 18
 ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
BONANZA COMPILATION
 PROSPECTOR MOUNTAIN PROPERTY
 EAST

0 2 km
 UTM ZONE 8, NAD 83, 115I/05

FILE: ...2009/PM

DATE: MARCH 2010

Table I - Bonanza Zone Significant Results

Sample #	Au (g/t)	Ag (g/t)	Cu (%)
H884005	3.10	206	0.04
H884006	1.10	217	0.04
H884011	18.5	31.2	0.44
H884012	27.6	182	1.37
H884035	1.85	910	0.19
H886454	0.73	0.4	-
H886457	23.3	586	0.22
H886458	82.8	299	1.49
H886459	35.2	981	3.08
H886460	65.5	86.6	0.60
H886467	0.83	3.4	-
H886468	23.2	4.9	-
H886473	14.00	1340	11.65
H886474	55.7	1375	7.38
H886475	82.2	888	5.97
H886476	8.52	136	0.52

Five mineralized samples yielding between 5 and 82 g/t Au were selected from the Bonanza Zone for thin section petrographic assessment and microscopic gold characterization conducted by Vancouver Petrographics Ltd. Mineralogy observed was similar to the general description for the surface specimens. Significant quantities of native gold were located during microscopy assessment and noted to occur as subhedral crystals or blebs up to 150 µm in size in three of the samples (H886460, 474, and 475), typically associated with sericite and/or limonite fractures in the quartz but at the margins or near goethitic limonite aggregates, or in places within these limonite aggregates that may be after pyrite and/or chalcopyrite. The high Au and Cu values are thus easily explained, and Ag may be present with the gold. A detailed petrographic report is contained in Appendix III and traverse summaries including sample descriptions for all samples collected within the Eastern Porphyry Target area are contained in Appendix IV.

In addition to the metals reported above, most samples within the Bonanza Zone also yielded strongly elevated bismuth (to >1%) and variably elevated arsenic (to 3490 ppm), antimony (to >1%) and lead (to 28.01%). However, no obvious locus for the high Sb, As or Bi values was seen in thin section. Exceptions within this suite of samples are: H886468 which is comprised of vuggy quartz-tourmaline-specularite and believed to be associated with a more northerly trending cross-cutting structure; and samples H886454 and H886467 which represent lower grade stockwork style veinlets hosted within altered porphyry talus.

Recessive lineaments defining the Bonanza structural trend are somewhat intermittent but are interpreted to span a width of roughly 200 m and may be in excess of 400 m. Surprisingly, copper-in-soil response along the trend is generally low but this may be largely attributed to extensive talus cover and poor soil development. Historical soil sampling programs in this part

of the property did not analyse for gold and silver or accessory indicator elements for precious metal veins.

Other samples of interest collected up to 1 km south southeast along strike from the showings defining the Bonanza Zone include isolated boulders of weakly potassic altered porphyritic biotite quartz monzonite cut by densely sheeted quartz-magnetite veinlets. Some of this material also contains weak disseminations of pyrite but assays returned low values for most metals.

Another gold occurrence referred to as the **Hart Showing** is situated 1 km southwest of the Bonanza Zone and consists of a small exposure of vuggy grey silica talus with variable amounts of scorodite alteration. Petrographic analysis of the sample described quartz-tourmaline-sericite-minor pyrite-specular hematite veins and/or breccia that has been re-brecciated in multiple episodes, with tourmaline becoming less abundant and sericite (or clay?/sericite) and possible chalcedonic quartz becoming more abundant with time, the latter possibly associated with (or merely stained by?) limonite derived by oxidation of pyrite. A sample collected from this historical exposure returned 5.61 g/t Au, 65.8 g/t Ag 0.34% Cu and >1% As. The orientation of the associated host structure is currently unknown but the showing is situated at the southern end of a prominent northwesterly trending lineament up to 200 m wide.

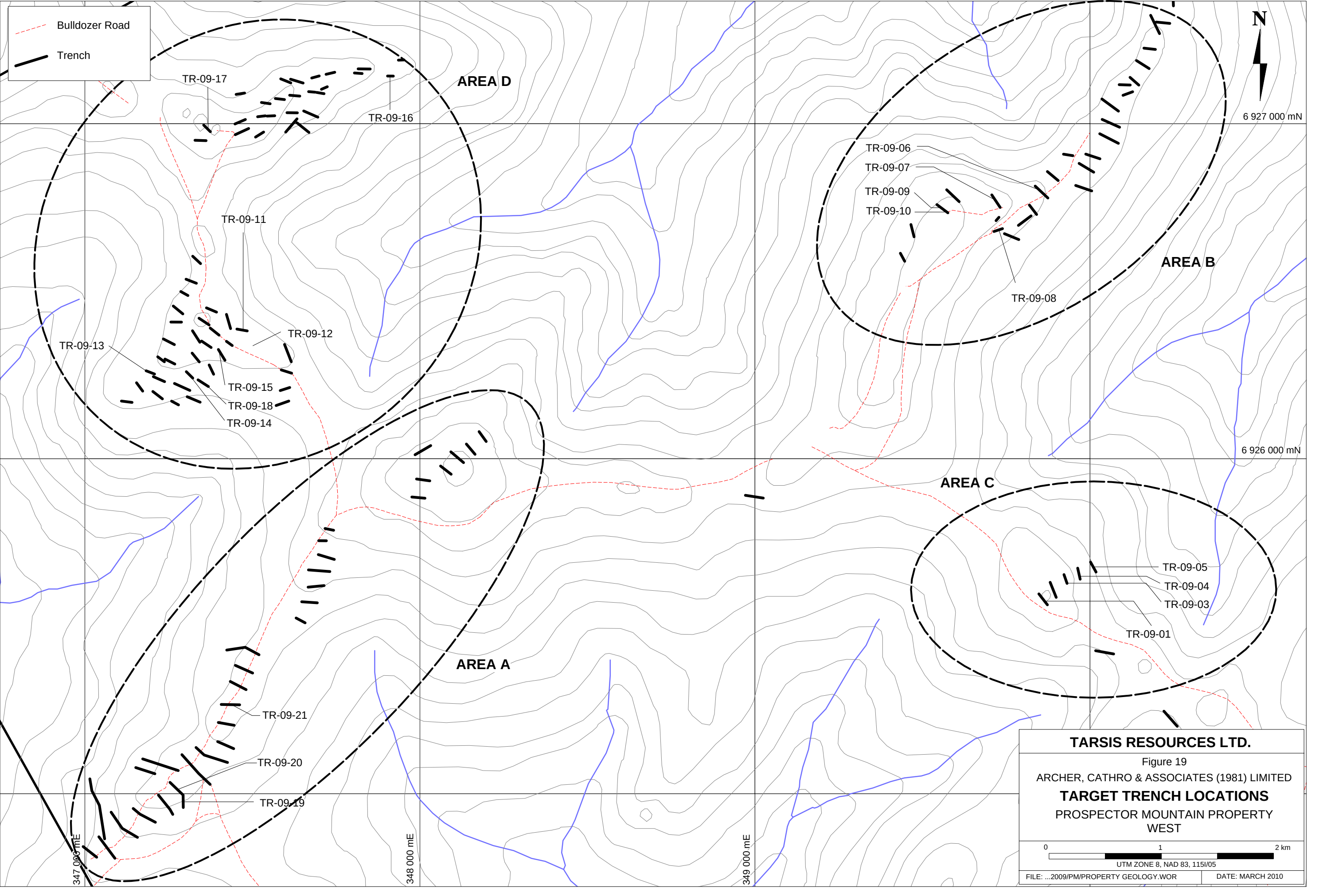
A series of soil samples were collected along three samples lines across the lineament. The lines were spaced roughly 100 m apart and samples were collected at 25 m intervals along the lines. Samples were placed in a pre-numbered kraft paper bag and the site was marked with orange flagging denoting the sample number in felt pen. All samples were sent ALS Chemex in North Vancouver where they were dried and sieved to 80 mesh. Pulps were then subjected to aqua regia digestion and analysed for 35 elements using the ME-ICP41 technique. In addition, gold analyses were performed by fire assay and atomic absorption finish using a 30 gram charge. Sample locations are illustrated on Figure 17 and Certificates of Analysis are contained in Appendix II.

Most of the material collected from the lineament consisted of multi colored clay rich soil/gouge. Soil sample response in general was subdued for most indicator elements of interest with the exception of lead which yielded most values in excess of 50 ppm to a maximum of 622 ppm. One sample taken at southeastern most part of the lineament closest to the Hart Showing returned coincidentally elevated values for Au (79 ppb), Ag (19.6 g/t), Bi (79 ppm), Cu (216 ppm) and Pb (622 ppm).

Western Vein Target

The most extensive work on the Prospector Mountain property was conducted in the early 1980's and focused exclusively on the peripheral vein targets in the western part of the claim block. Exploration consisted of bulldozer trenching and limited diamond drilling across recessive lineaments but was restricted primarily to the ridge tops. The success of this work was limited by extensive permafrost and deep weathering of the vein zones.

In spring 2009 a compilation of bulldozer trench locations and documented vein results was prepared for summer follow up (Figures 19-23). The first phase of this follow up work consisted



Bulldozer Road

Trench

TR-09-17

TR-09-16

AREA D

TR-09-11

TR-09-12

TR-09-13

TR-09-15

TR-09-18

TR-09-14

AREA A

TR-09-21

TR-09-20

TR-09-19

TR-09-06

TR-09-07

TR-09-09

TR-09-10

TR-09-08

AREA B

AREA C

TR-09-05

TR-09-04

TR-09-03

TR-09-01

TARSIS RESOURCES LTD.

Figure 19

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TARGET TRENCH LOCATIONS

PROSPECTOR MOUNTAIN PROPERTY

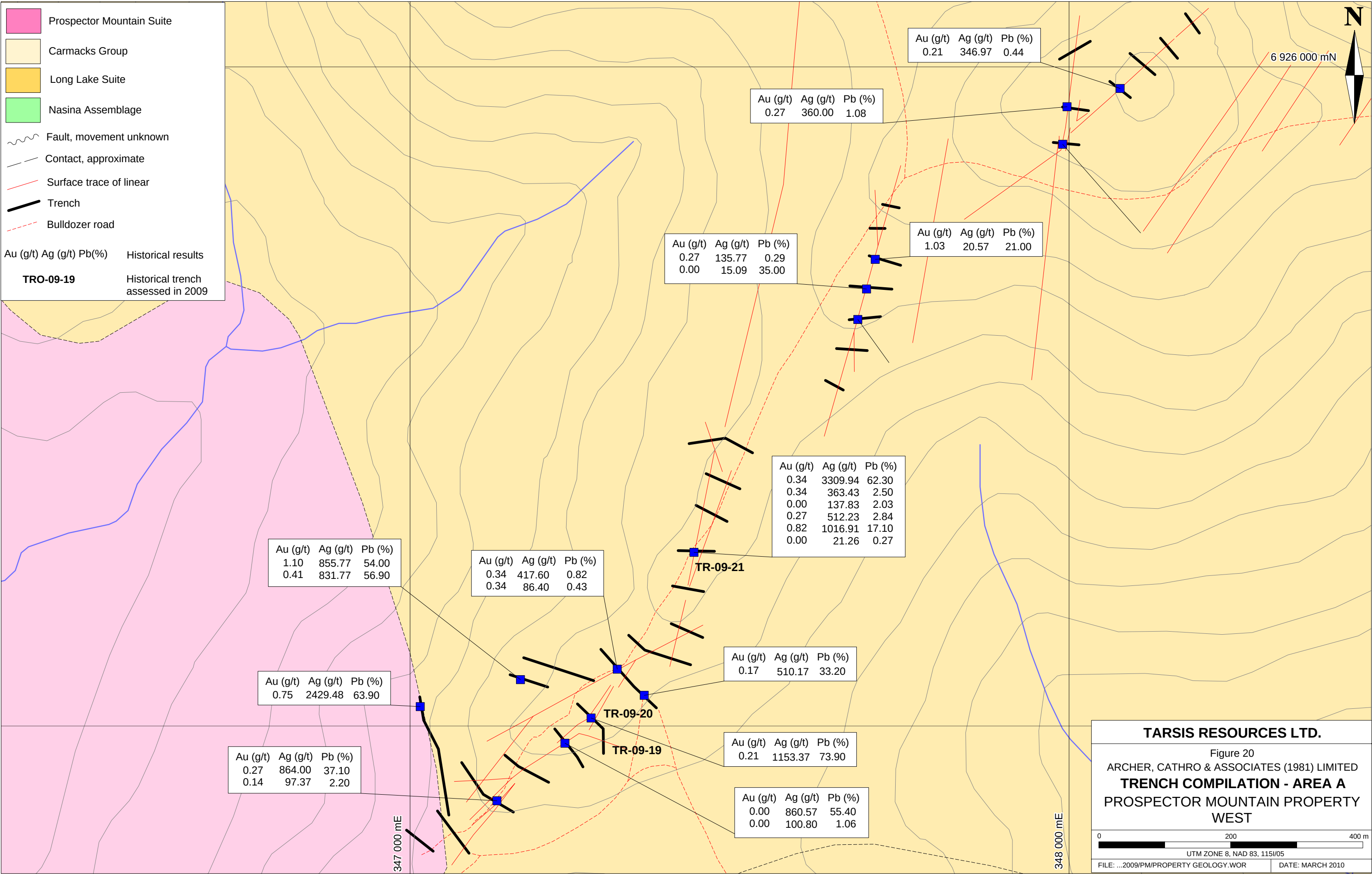
WEST

0 1 2 km

UTM ZONE 8, NAD 83, 1151/05

FILE: ...2009/PM/PROPERTY GEOLOGY.WOR

DATE: MARCH 2010



TARSIS RESOURCES LTD.

Figure 20

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TRENCH COMPILATION - AREA A

PROSPECTOR MOUNTAIN PROPERTY WEST

Prospector Mountain Suite

Carmacks Group

Long Lake Suite

Nasina Assemblage

Fault, movement unknown

Contact, approximate

Surface trace of linear

Trench

Bulldozer road

Au (g/t) Ag (g/t) Pb(%)

Historical results

TRO-09-06

Historical trench assessed in 2009

Au (g/t)	Ag (g/t)	Pb (%)
0.21	77.49	2.00
1.03	352.46	5.00
0.27	77.49	1.70
0.10	67.20	1.38

Au (g/t)	Ag (g/t)	Pb (%)
1.51	152.91	3.02
0.89	91.89	2.96
0.27	69.26	2.14
0.41	204.34	3.14
0.21	83.66	1.78

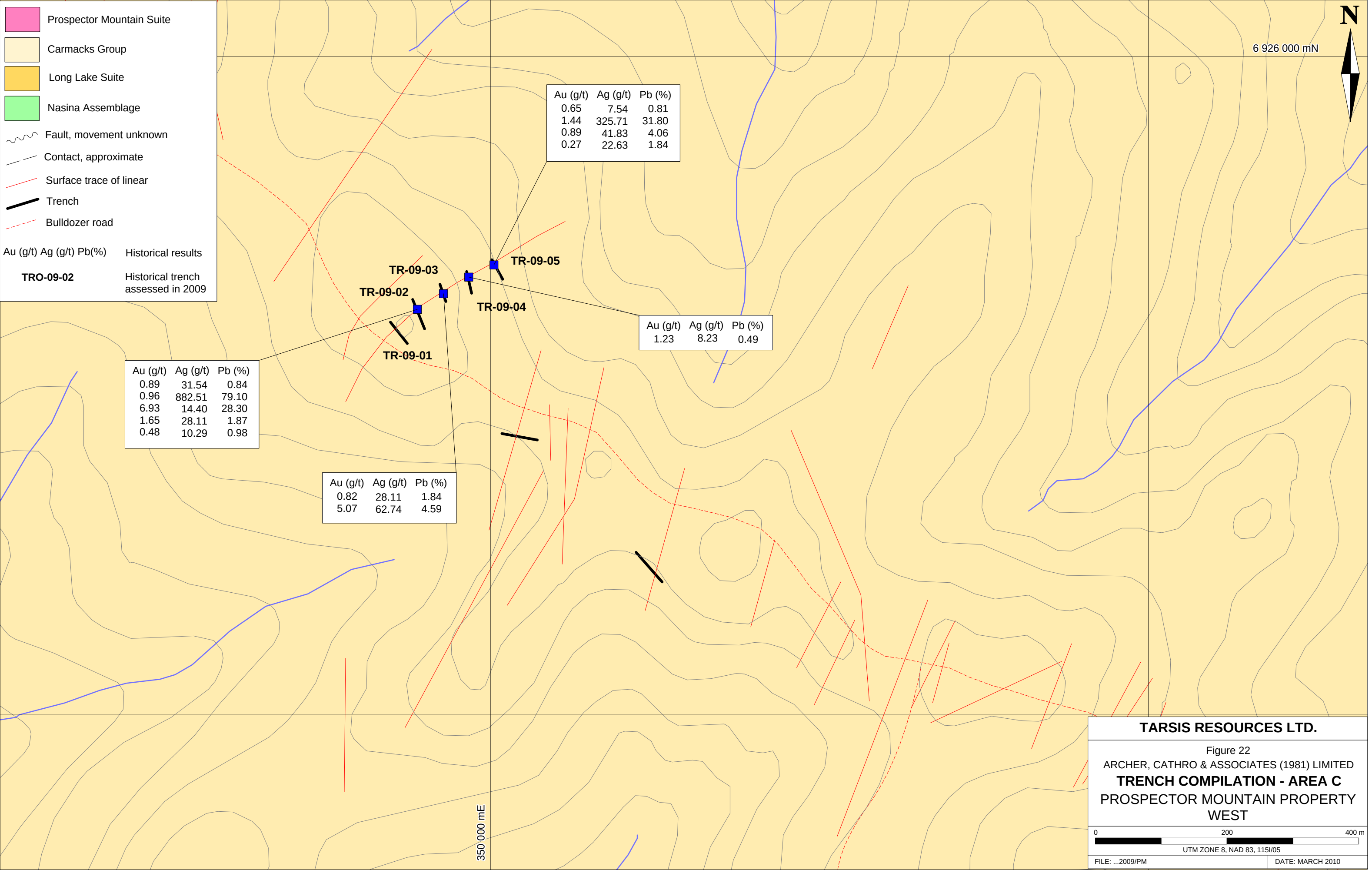
TARSIS RESOURCES LTD.

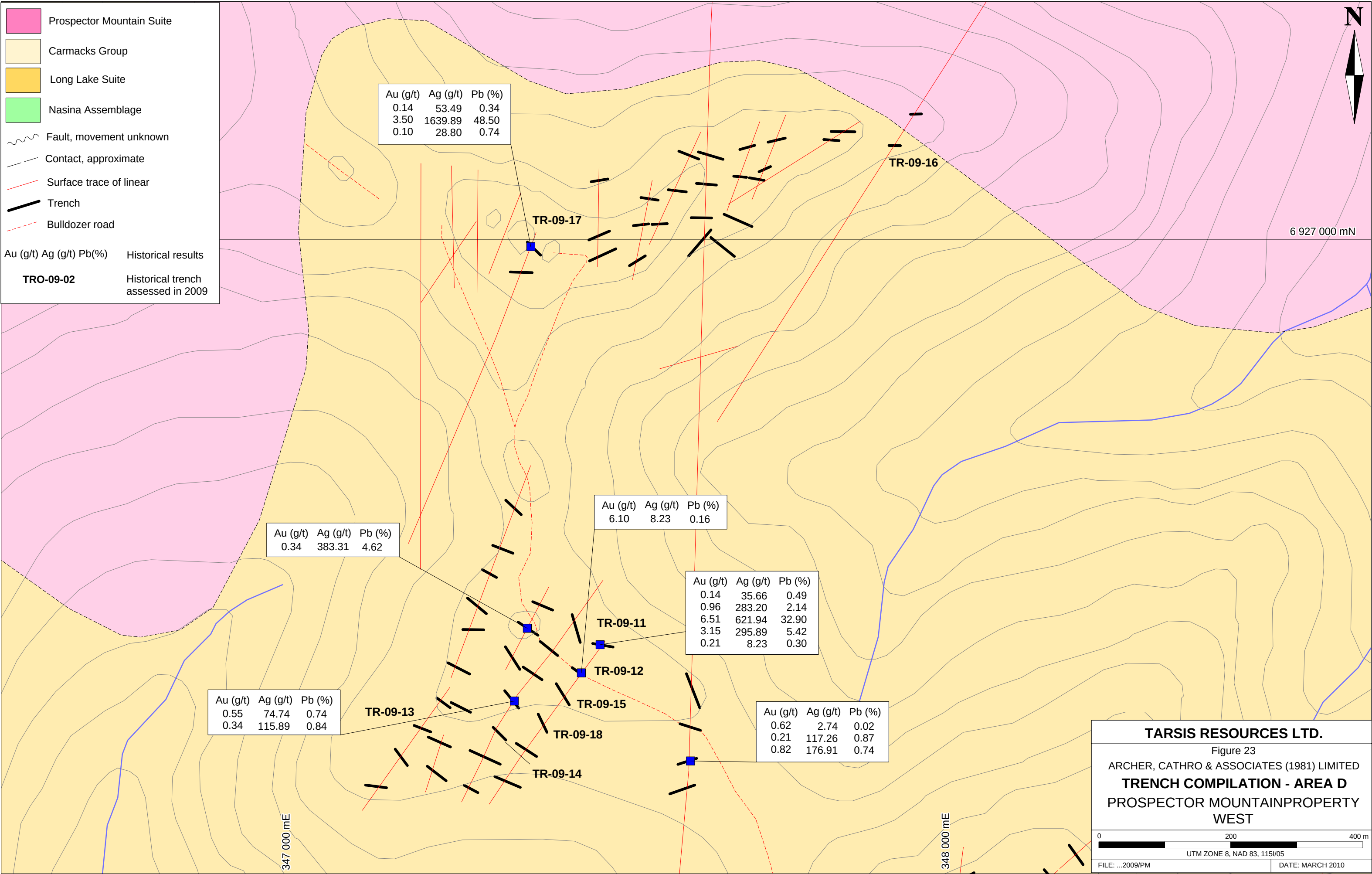
Figure 21
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
TRENCH COMPILATION - AREA B
PROSPECTOR MOUNTAIN PROPERTY
WEST

0200400 m

UTM ZONE 8, NAD 83, 115/05

FILE: ...2009/PMDATE: MARCH 2010





of a half day traverse by ATV in July 2009 where four trenches were examined in the western part of the property from two of four main areas bulldozer trenched in the early 1980's. The vein zones were fully thawed and easily excavated by hand resulting in much better exposures for detail sampling and characterization of the veins. Individual samples yielded up to 17.35 g/t Au, 557 g/t Ag and 33.8% Pb. The following table lists weighted average grades for the sampled vein zones at Area C and Area D.

Table II – July 2009 – West Vein Target Results

Area-Trench	Width (m)	Au (g/t)	Ag (g/t)	Pb (%)
Area C				
Tr 01	0.67	2.86	506	30.7
Tr 02	0.72	0.83	7.93	0.27
Tr 03	0.83	2.99	54.89	2.27
including	0.27	7.12	58.40	2.77
Area D				
Tr 04	1.15	2.67	217	5.09
including	0.15	17.35	557	24.49

Note: Due to time constraints only four of approximately 80 trenches were examined and none were traced along strike into the valley bottoms along the respective lineaments.

The positive response from this cursory inspection prompted a more thorough follow up in the western part of the property which commenced in August 2009 and was centered within a 9 km² block defining the historical bulldozer trenching.

Twenty-one trenches were selected for reassessment within four areas termed A through D. Selection of the trenches was based largely upon anomalous historical results. Vein zones were deepened by hand up to a metre below the original trenched surface, detail mapped and channel sampled. All samples were sent to ALS Chemex in North Vancouver, B.C. where samples were dried and fine crushed before a 250 gram split was pulverized to better than 85% passing 75 microns. Gold analyses were obtained by the Au-AA23 procedure that involves fire assay preparation using a 30 gram charge with an atomic absorption spectroscopy finish. Silver and lead values exceeding upper detection limits from ICP analyses were taken to completion by assay. Certificates of Analysis appear in Appendix II.

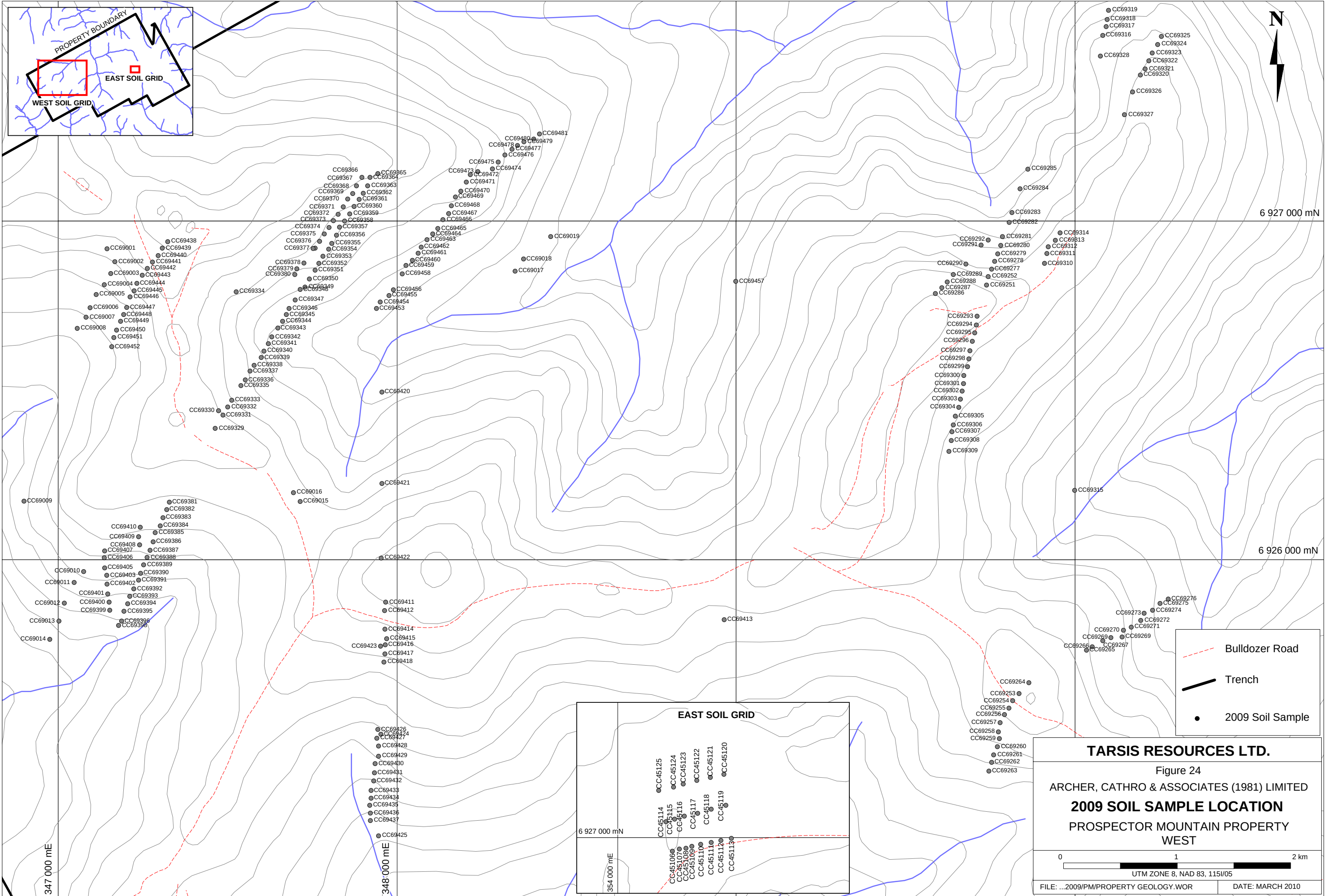
All veins examined are hosted by Late Cretaceous to early Tertiary Carmacks Suite volcanic rocks and are mostly associated with north to northeast trending recessive lineaments. The veins consist of steeply dipping highly sheared quartz and multi-colour clay gouge containing varying amounts of arsenic oxides and lead sulphide/sulphate. Table III highlights significant weighted average results from the sampled zones. Detail trench maps and sample documentation is contained in Appendix V.

Table III – August 2009 – Western Vein Target Results

Target	Trench	Interval (m)*	Ag (g/t)	Pb (%)	Au (g/t)
Area A	Tr-09-19	0.39	39.3	1.88	0.03
	<i>including</i>	0.13	101	4.68	0.04
	Tr-09-20	1.17	385	11.23	0.04
	<i>including</i>	0.67	599	17.88	0.07
	Tr-09-21	2.10	659	10.28	0.30
	<i>including</i>	0.72	1840	28.78	0.70
Area B	Tr-09-06	1.26	42.9	0.50	0.09
	Tr-09-09	2.82	35.6	0.68	0.21
	<i>including</i>	1.00	91.0	1.40	0.48
Area C	Tr-09-01	0.71	23.7	0.97	1.01
	Tr-09-02	1.16	196	7.03	0.73
	Tr-09-03	0.70	11.9	0.39	1.32
	Tr-09-04	3.67	19.5	1.43	0.58
	<i>including</i>	1.64	27.6	1.78	0.98
	<i>including</i>	0.32	40.3	2.06	3.68
	Tr-09-05	0.54	58.9	2.38	2.02
Area D	Tr-09-11	1.99	139	3.25	1.13
	<i>including</i>	0.99	250	6.53	2.25
	<i>including</i>	0.17	613	28.94	3.51
	Tr-09-12	0.50	79.1	2.07	0.43
	Tr-09-14	2.82	103	0.76	0.42
	<i>including</i>	1.00	231	1.55	1.00
	Tr-09-17	1.73	148	1.52	0.04

* All reported intervals are true width

The 21 trenches selected for reassessment tested vein exposures associated with 11 of over 100 lineaments documented along the ridge tops. A series of auger soil sample lines were also located along 15 recessive lineaments beyond the limits of the historical bulldozer trenches off the ridge tops and down toward the valley bottoms. A total of 248 soil samples was collected and placed in a pre-numbered kraft paper bags. The sites were marked with orange flagging denoting the sample number in felt pen. All samples were sent to ALS Chemex in North Vancouver where they were dried and sieved to 80 mesh. Pulps were then subjected to aqua regia digestion and analysed for 35 elements using the ME-ICP41 technique. In addition, gold analyses were also performed on select samples yielding elevated gold indicator elements by fire assay and atomic absorption finish using a 30 gram charge. Sample locations are illustrated on Figure 24 while results for silver, lead and gold are shown on Figures 25-27. Certificates of Analysis are contained in Appendix II.



TARSIS RESOURCES LTD.

Figure 24

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

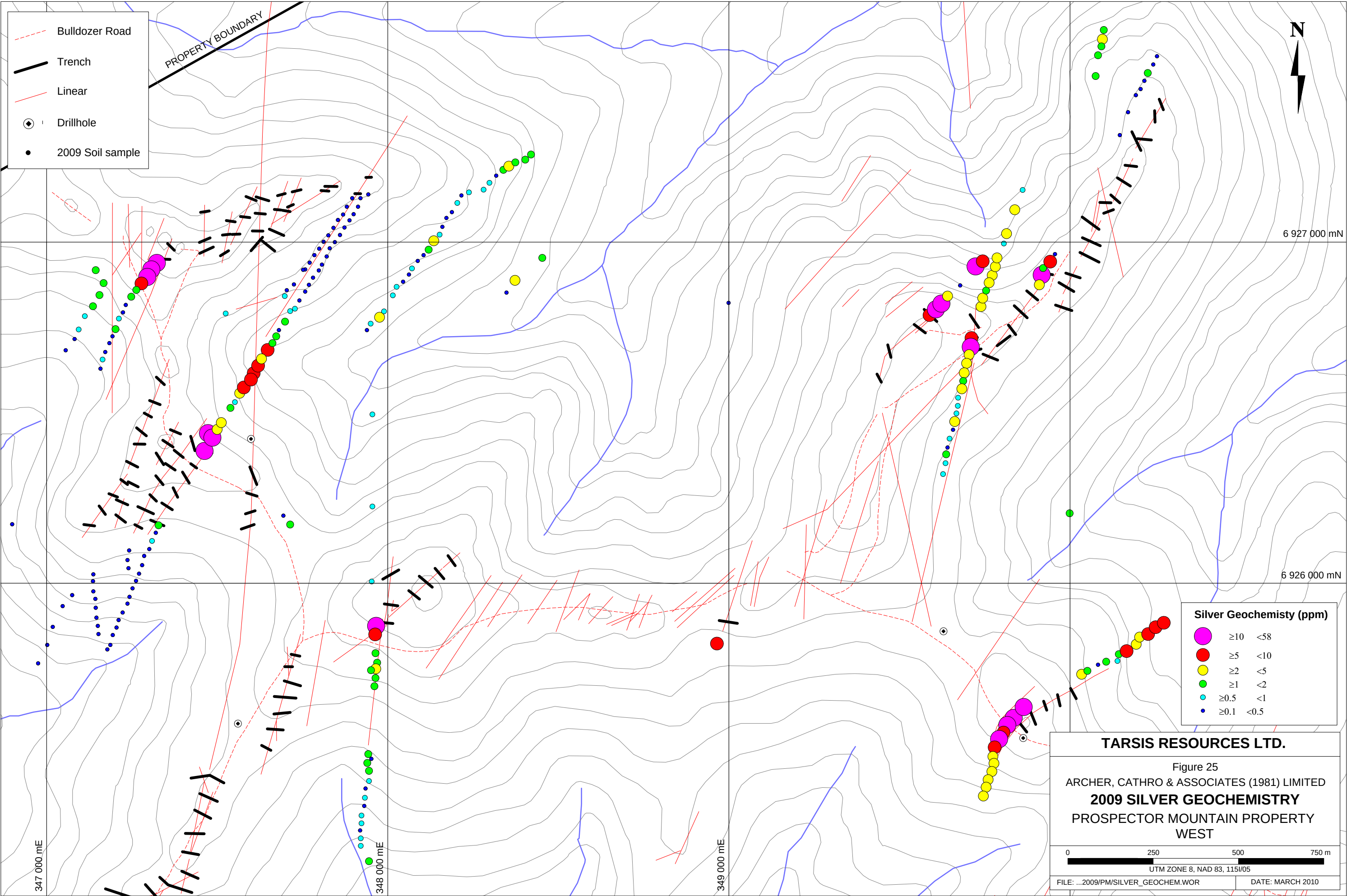
2009 SOIL SAMPLE LOCATION

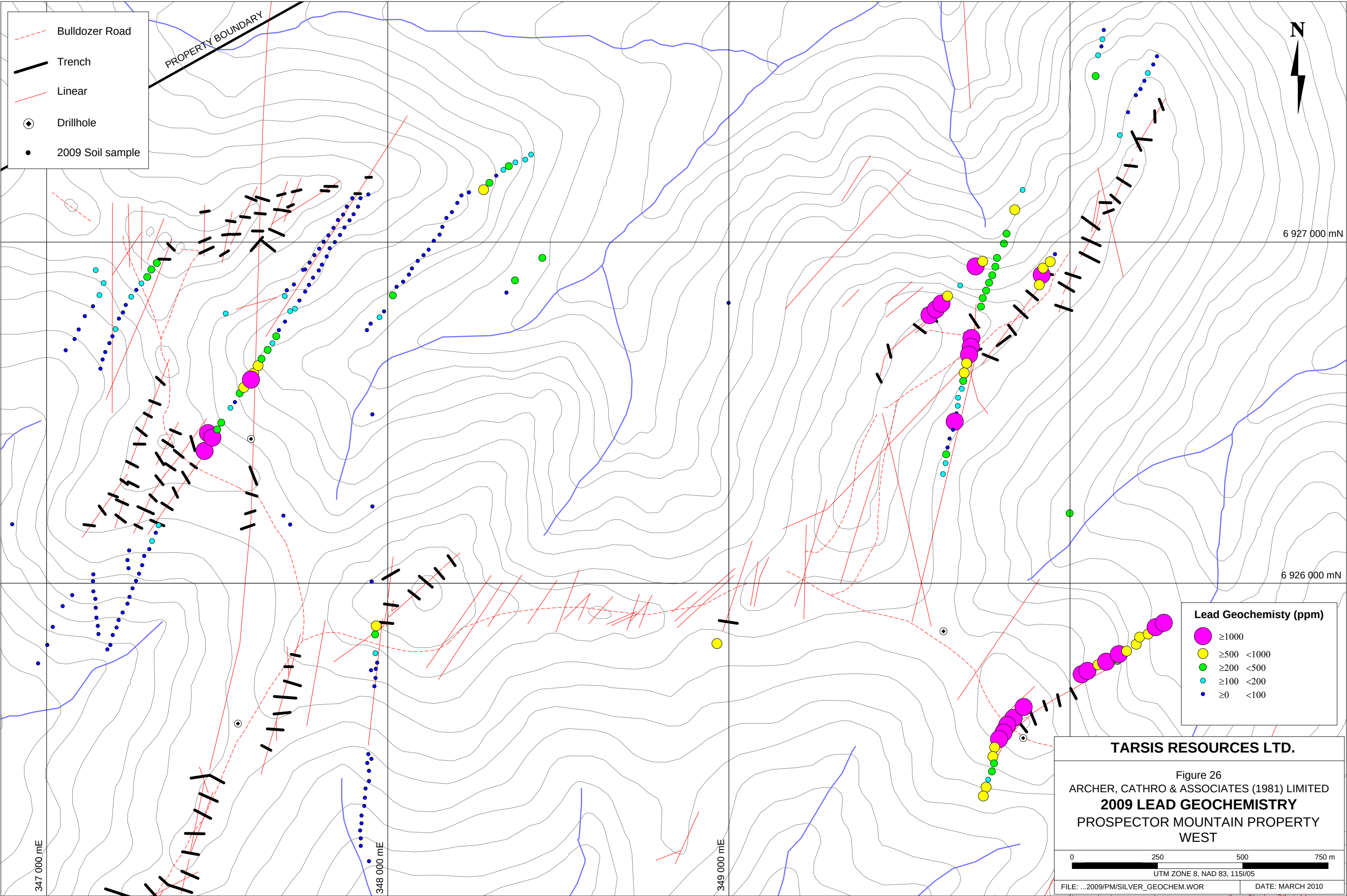
PROSPECTOR MOUNTAIN PROPERTY WEST

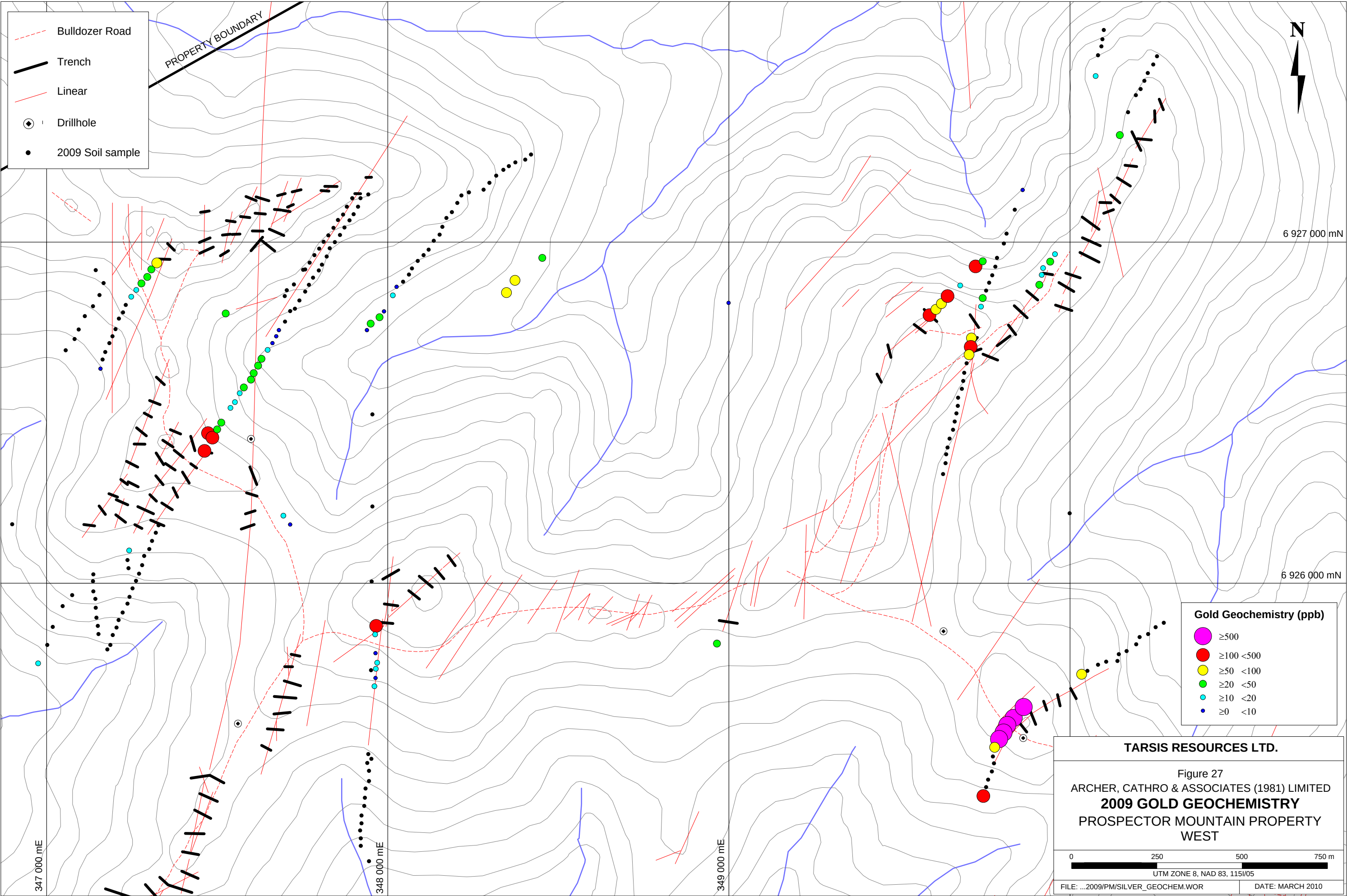
0 1 2 km

UTM ZONE 8, NAD 83, 115I/05

FILE: ...2009/PM/PROPERTY GEOLOGY.WOR DATE: MARCH 2010







The linears sampled outlined anomalous trends with values between 2 and 58 g/t Ag up to 400 m along strike from existing trenches. In addition, 75 samples yielding elevated arsenic, antimony and bismuth response were subsequently analysed and returned up to 3.37 g/t. None of the anomalous soil values have received follow up work.

The **TD Showing** is a new occurrence identified between the main area defining the Western Vein Target and the Eastern Porphyry Target. The showing consists of a naturally exposed unaltered steeply dipping white quartz vein cutting a xenolith of Carmack volcanic rocks within the Prospector Mountain Suite monzonite. A 0.30 m chip sampled collected across the vein returned 4.06 g/t Au, 161 g/t Ag and 0.89% Pb. No mechanized follow up work was evident in this area.

DISCUSSION AND CONCLUSIONS

The Prospector Mountain property is situated along a regional structural corridor termed the Big Creek Fault that extends northwesterly from Carmacks, Yukon through to Alaska and is believed to be associated with the development of many of the porphyry copper-gold and lode gold deposits and occurrences plus resultant placer gold deposits along the belt.

The most prolific gold occurrences and deposits (Nucleus, Sanora Gulch and White Gold) documented along the Big Creek Fault belt are believed to be associated with early to late Cretaceous intrusive events and polyphase structural systems. The well documented Casino copper-gold-molybdenum porphyry deposit is developed within the 70 Ma Patton Porphyry which intruded mid-Cretaceous Dawson Range Plutonic Suite rocks. The mineralizing events at Prospector Mountain are suspected to span a period between late Cretaceous and early Tertiary.

The Prospector Mountain claims cover significant silver-lead±gold vein and copper-gold porphyry targets, however, the current focus is on the exceptional gold-silver±copper grades discovered within the Bonanza Zone. This mineralization is associated with multiphase hydrothermal veins developed within a northerly trending structural corridor near the contact and/or cupola of potassic altered intrusive rocks and adjacent volcanic rocks.

The Prospector Mountain Bonanza Zone bears similarities to the geological descriptions of the Cadia Ridgeway deposit discovered by Newcrest Mining Ltd. in New South Wales, Australia. The Ridgeway deposit is blind to surface and consists of an upright elongate body of stockwork quartz veining zoned about a small plug of Cadia Hill Monzonite porphyry that has intruded relatively flat lying shoshonitic volcanic rocks. The ore body measures approximately 450 metres by 250 metres and currently extends more than 850 metres vertically with mineralization open at depth. It is bounded by a series of shears which form distinct contacts between ore, waste and low-grade mineralization. The best part of the ore body occurs above the porphyry and gold-copper mineralization occurs as quartz veins, sheeted quartz sulphide veins and stockworks. Gold occurs mainly as free grains in quartz or on the margins of sulphide grains and the principal copper sulphide minerals are chalcopyrite and bornite. Accessory magnetite is common and hydrothermal overprint assemblages include iron carbonate and hematite.

The discovery drill hole at Ridgeway intersected two zones of high-grade porphyry stockwork mineralization grading 4.30 g/t Au and 1.20% Cu across 145 m and 7.40 g/t Au with 1.27% Cu across 84 m. The deposit resource stated as of June 30, 2009 was 152 Mt grading 0.77g/t Au and 0.39% Cu (Newcrest, 2010).

The mineralization discovered at the Prospector Mountain Bonanza Zone represents an exceptional new discovery that certainly demands follow up exploration. Its association with a potential porphyry target is poorly understood although a number of features within and immediately adjacent to the structural zone are typical porphyry alteration indicators. These features include: a localized core zone of moderate to intense potassic alteration; isolated sub gram (0.75 g/t) Au stockwork porphyry mineralization; patchy quartz-sericite-pyrite phyllic alteration; and isolated zones of intense hydrothermal quartz-magnetite veining. It is possible that the Bonanza Zone mineralization represents a structural overprint on a pre-existing porphyry system.

Airborne geophysical surveys flown over the region in 1995 included gamma ray spectrometry and magnetic surveys (Shives, 1995). The 10 km² area surrounding the existing claim block is marked by an intense potassium anomaly that likely characterizes both the Prospector Mountain Suite monzonite and the surrounding Carmacks Suite volcanic rocks. The outline of the monzonite is readily apparent in contrast with the surrounding volcanic rocks by an elevated thorium:potassium ratio which supports a more alkaline affinity of this particular intrusive suite. Typical “porphyry alteration” signatures denoted by potassium highs and coincidental thorium:potassium lows are not apparent within the claim block. Vertical gradient magnetic highs and lows denote prominent northerly and northwesterly trends likely correlative with structurally associated alteration. Of particular interest is a strong northerly magnetic low that coincides with the interpreted trace of the Bonanza zone.

Additional work at Prospector Mountain should consist of excavator trenching across the Bonanza Zone structural corridor to define widths, geometries and continuity of the zones hosting the high-grade Au-Cu-Ag mineralization. A number of long trenches are required at strategic locations to test the entire width of the Bonanza Zone for sheeted vein zones and en echelon symmetries.

Detailed grid soil sampling should be implemented across the structural corridor as there is no systematic geochemical coverage in this part of the property. This sampling should also be extended along strike where collection of suitable soil is possible. Detailed alteration mapping is required to better define vectors for targeting porphyry potential and orientation-style induced polarization surveys may be considered. The blocky talus covered slopes covering much of the target area, however, may not be conducive to obtaining good quality data. Ground magnetic surveys are not recommended as there is likely too much high background interference given the concentrations of magmatic magnetite within the system which would mask areas defining hydrothermal magnetite veining.

Pending the success of the trenching program, diamond drilling is recommended to test the mineralized system at depth in context with porphyry potential at that time.

Respectfully submitted,

Archer, Cathro & Associates (1981) Limited

W.A. Wengzynowski, P.Eng.

REFERENCES

- Allebone, G.C. and Mehrotra, P.N.
 1971 Occidental Minerals Corporation of Canada, Geology and Geochemistry of the Pro Claim Group, Whitehorse Mining District.
- Archer, A.R.
 1981 Nat Joint Venture, Geological, Geochemical and Geophysical Report, Lilypad 1-429 Claims and Newts 1-132, 135-163 Claims.
- Casselmann, S.G.
 1999 1999 Assessment Report on the Prospector Mountain Property, NTS 115I/05. Troymin Resources Ltd. Assessment Report.
- Eaton, W.D.
 1982 Nat Joint Venture, Diamond Drilling Report, Lilypad 1-429 Claims and Newt 1-132, 135-163 Claims.
- Newcrest
 2010 www.newcrest.com.au/operations
- Onasick, E.P. and Archer, A.R.
 1981 Geochemical and Geological Report, Nat Joint Venture, Lilypad 1-32 claims and Newt 1-6 claims
- Payne, J.G., Gonzalez, R.A., Akhurst, K., and Sisson, W.G.
 1987 Geology of Colorado Creek (115J/10), Selwyn River (115J/9) and Prospector Mountain (115I/5) Map Areas;; Open File 1987-3; Indian and Northern Affairs Canada: Yukon Region.
- Shives, R.B.K.
 1995 Airborne Geophysical Survey, Mount Nansen-Stoddart Creek-Prospector Mountain, Yukon Territory (NTS 115I/3, 115I/5, 115I/6): Open File 3000; Geological Survey of Canada.
- Smith, F.M.
 1971 Phelps Dodge Corporation of Canada, Ltd., Geological and Geochemical Report on the Hayes Creek Project Claims, PDY Group, Claim Sheet 115I5, Prospector Mountain Area, Yukon Territory.
- Waugh, D.H.
 1970 Geological Assessment Report on the Frog Claim Group, Hayes Creek – Dawson Range Area, Whitehorse Mining District, Yukon Territory.
- Western Copper Corp.
 2010 www.westerncoppercorp.com. Casino-World Class Deposit in the Yukon.

Yukon Communities
2010 www.yukoncommunities.yk.ca

APPENDIX I

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, William A. Wengzynowski, geological engineer, with business addresses in Vancouver, British Columbia and Whitehorse, Yukon Territory and residential address at 301 Fairway Drive, North Vancouver, British Columbia, V7G 1L4 do hereby certify that:

1. I am President of Archer, Cathro & Associates (1981) Limited.
2. I graduated from the University of British Columbia in 1993 with a B.A.Sc in Geological Engineering, Option I, mineral and fuel exploration.
3. I registered as a Professional Engineer in the Province of British Columbia on December 12, 1998 (Licence Number 24119).
4. From 1983 to present, I have been actively engaged in mineral exploration in the Yukon Territory, Northwest Territories, northern British Columbia and Mexico.
5. I have personally participated in and supervised the fieldwork reported herein.

William A. Wengzynowski, B.A.Sc., P. Eng.

APPENDIX II
CERTIFICATES OF ANALYSIS



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Archer, Cathro & Assoc. (1981) Ltd.**
1016 - 510 W. Hastings St.
Vancouver BC V6B 1L8 Canada

Submitted By: Bill Wengzynowski
Receiving Lab: Canada-Vancouver
Received: October 01, 2009
Report Date: October 08, 2009
Page: 1 of 2

CERTIFICATE OF ANALYSIS

VAN09004605.1

CLIENT JOB INFORMATION

Project: Prospector Mountain
Shipment ID:
P.O. Number
Number of Samples: 17

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

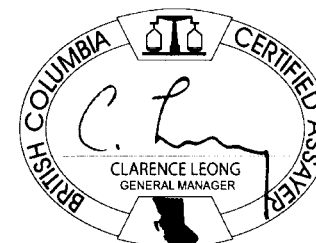
Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	17	Crush, split and pulverize 250 g rock to 200 mesh			VAN
XWSH	17	Extra Wash with Glass between each sample			VAN
G6	17	Au(4) Fire Assay-Lead Collection/AA Finish (low level) 1 A	30	Completed	VAN
G6	8	Au(2) & Ag(1) Fire Assay-Lead Collection/Gravimetric Finis	30	Completed	VAN

ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Archer, Cathro & Assoc. (1981) Ltd.
1016 - 510 W. Hastings St.
Vancouver BC V6B 1L8
Canada

CC:



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.
*** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Prospector Mountain
Report Date: October 08, 2009

Page: 2 of 2 **Part** 1

CERTIFICATE OF ANALYSIS

VAN09004605.1

	Method Analyte Unit MDL	WGHT		
		Wgt	Au(4)	Au(2)
		kg	gm/mt	gm/mt
		0.01	0.01	0.03
PM-01	Rock Chip	0.54	0.01	
PM-02	Rock Chip	0.18	0.08	
PM-03	Rock Chip	0.31	<0.010	
PM-04	Rock Chip	0.43	0.67	
PM-05	Rock Chip	0.54	0.02	
PM-06	Rock Chip	0.28	>10	21.67
PM-07	Rock Chip	0.55	>10	81.20
PM-08	Rock Chip	0.08	>10	42.67
PM-09	Rock Chip	0.51	>10	55.97
PM-10	Rock Chip	0.62	5.30	
PM-11	Rock Chip	0.97	0.28	
PM-12	Rock Chip	0.74	0.62	
PM-13	Rock Chip	1.05	>10	21.07
PM-14	Rock Chip	0.25	0.48	
PM-15	Rock Chip	0.29	>10	53.07
PM-16	Rock Chip	0.10	>10	84.00
PM-17	Rock Chip	0.21	>10	8.53



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Report Date: October 08, 2009

Page: 1 of 1 Part 1

QUALITY CONTROL REPORT

VAN09004605.1

Method Analyte Unit MDL		WGHT		
		G6		G6
		Wgt	Au(4)	Au(2)
		kg	gm/mt	gm/mt
		0.01	0.01	0.03
Pulp Duplicates				
PM-05	Rock Chip	0.54	0.02	
REP PM-05	QC		0.02	
PM-10	Rock Chip	0.62	5.30	
REP PM-10	QC		5.48	
PM-15	Rock Chip	0.29	>10	53.07
REP PM-15	QC			58.27
Reference Materials				
STD CDN-CGS-15	QC		0.51	
STD CDN-HLHZ	QC			1.20
STD CDN-CGS-15 Expected			0.57	
STD CDN-HLHZ Expected				1.31
Prep Wash				
G1	Prep Blank	<0.01	<0.010	
G1	Prep Blank	<0.01	<0.010	



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Page: 1

Finalized Date: 9-OCT-2009

Account: F

CERTIFICATE VA09109527

Project: Prospector Mountain

P.O. No.:

This report is for 75 Soil samples submitted to our lab in Vancouver, BC, Canada on 5-OCT-2009.

The following have access to data associated with this certificate:

AL ARCHER
VANCOUVER OFFICE

DOUG EATON
BILL WENGZYNOWSKI

JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
FND-02	Find Sample for Addn Analysis

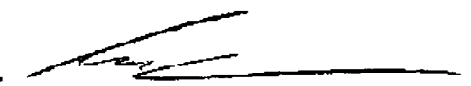
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

To: ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:


Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A

Total # Pages: 3 (A)

Finalized Date: 9-OCT-2009

Account: F

Project: Prospector Mountain

CERTIFICATE OF ANALYSIS VA09109527

Sample Description	Method Analyte Units LOR	Au-AA23 Au ppm 0.005
CC69251		0.019
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CC69254		1.100
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CC69256		0.553
CC69257		0.072
CC69263		0.164
CC69264		3.37
CC69265		0.058
CC69285		0.009
CC69286		0.178
CC69287		0.065
CC69288		0.088
CC69289		0.301
CC69290		0.015
CC69291		0.378
CC69292		0.027
CC69293		0.051
CC69294		0.387
CC69295		0.084
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CC69311		0.018
CC69312		0.010
CC69313		0.042
CC69314		0.015
CC69327		0.026
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CC69330		0.390
CC69331		0.174
CC69332		0.021
CC69333		0.022
CC69334		0.031
CC69335		0.013
CC69336		0.019
CC69337		0.018
CC69338		0.034
CC69339		0.049
CC69340		0.034



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Page: 3 - A

Total # Pages: 3 (A)

Finalized Date: 9-OCT-2009

Account: F

Project: Prospector Mountain

CERTIFICATE OF ANALYSIS VA09109527

Sample Description	Method Analyte Units LOR	Au-AA23 Au ppm 0.005
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CC69342		0.044
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CC69346		0.006
CC69410		0.012
CC69411		0.111
CC69412		0.017
CC69413		0.035
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CC69415		0.010
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CC69418		0.013
CC69438		0.055
CC69439		0.032
CC69440		0.029
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CC69014		0.013
CC69015		0.008
CC69016		0.013
CC69017		0.063
CC69018		0.085
CC69019		0.023



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Page: 1

Finalized Date: 21-SEP-2009

Account: F

CERTIFICATE VA09094852

Project: PROSPECTOR MTN

P.O. No.:

This report is for 27 Rock samples submitted to our lab in Vancouver, BC, Canada on 28-AUG-2009.

The following have access to data associated with this certificate:

AL ARCHER
VANCOUVER OFFICE

DOUG EATON
BILL WENGZYNOWSKI

JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Cu-OG46	Ore Grade Cu - Aqua Regia	VARIABLE
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Ag-OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Ag-GRA21	Ag 30g FA-GRAV finish	WST-SIM

To: ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:


Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS VA09094852

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	Au-GRA21 Au ppm 0.05	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1
H886451		0.80	0.007		<0.2	0.17	4	30	30	<0.5	2	0.13	<0.5	3	8	3
H886452		0.38	0.021		1.7	0.10	41	60	20	0.7	3	0.11	<0.5	74	10	36
H886453		0.54	0.008		0.3	0.37	12	30	60	0.8	<2	0.16	<0.5	3	9	3
H886454		0.64	0.797		0.4	0.10	31	40	30	<0.5	<2	0.02	<0.5	33	11	4
H886455		0.78	0.010		1.8	0.21	10	80	20	0.7	14	0.02	<0.5	8	7	19
H886456		0.24	0.242		1.0	0.44	42	<10	50	0.7	4	0.14	<0.5	1	2	56
H886457		0.50	>10.0	25.0	>100	0.34	482	<10	30	0.9	4200	0.02	0.5	1	4	2180
H886458		0.78	>10.0	84.4	>100	0.36	171	<10	20	2.8	7860	0.05	0.9	68	6	>10000
H886459		0.32	>10.0	27.7	>100	0.27	977	<10	10	1.1	5830	0.02	1.7	70	7	>10000
H886460		0.82	>10.0	75.1	86.6	0.33	166	<10	20	1.5	2370	0.04	1.1	124	4	6010
H886461		2.56	0.799		5.6	0.51	21	<10	30	1.2	44	0.13	0.7	10	6	1455
H886462		1.30	5.91		65.8	0.19	>10000	10	30	<0.5	158	<0.01	36.2	2	3	3390
H886463		1.16	0.033		1.8	0.36	370	30	40	0.5	12	0.03	<0.5	1	5	64
H886464		0.76	0.203		2.0	0.19	334	40	20	<0.5	9	0.04	<0.5	7	7	25
H886465		1.32	0.297		>100	0.98	1065	<10	30	1.8	603	0.12	11.9	12	4	2500
H886466		1.16	0.058		1.0	0.39	73	<10	30	<0.5	6	0.09	<0.5	2	5	64
H886467		1.00	1.040		3.4	0.31	66	10	20	1.2	16	0.07	<0.5	10	7	77
H886468		1.32	>10.0	25.4	4.9	0.12	77	20	30	0.8	10	0.03	<0.5	4	9	9
H886469		0.46	0.377		2.7	0.34	31	10	180	0.5	4	0.01	<0.5	1	5	9
H886470		0.32	0.022		0.3	1.22	36	40	50	1.0	<2	2.31	2.0	15	21	14
H886471		0.70	0.008		0.5	1.50	16	<10	100	1.0	<2	1.00	<0.5	9	55	50
H886472		0.42	0.154		2.3	1.18	29	<10	70	1.2	<2	0.91	<0.5	8	26	167
H886473		0.12	>10.0	14.00	>100	0.21	3490	<10	70	3.5	1930	0.38	387	2	8	>10000
H886474		0.52	>10.0	58.4	>100	0.12	2400	<10	20	1.4	2660	0.16	186.0	11	3	>10000
H886475		0.32	>10.0	80.3	>100	0.17	820	10	10	0.6	>10000	0.01	1.6	3	3	>10000
H886476		0.46	10.0	8.51	>100	0.58	86	<10	80	4.2	3410	0.06	0.7	24	14	5160
H886477		1.28	0.143		4.7	1.39	65	<10	130	3.8	48	0.24	0.9	12	25	4390

Comments: An additional Au-GRA21 result for sample H886476 is 7.31ppm



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Finalized Date: 21-SEP-2009

Account: F

Project: PROSPECTOR MTN

CERTIFICATE OF ANALYSIS VA09094852

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb
		% 0.01	ppm 10	ppm 1	% 0.01	ppm 10	% 0.01	ppm 5	ppm 1	% 0.01	ppm 1	ppm 10	ppm 2	% 0.01	ppm 2
H886451		2.07	<10	<1	0.09	<10	0.02	160	<1	0.01	<1	530	6	0.01	2
H886452		3.95	<10	1	0.01	<10	0.03	167	1	0.01	5	500	4	0.08	8
H886453		2.96	<10	1	0.16	20	0.04	227	1	0.01	1	530	9	0.01	7
H886454		3.44	<10	1	0.08	<10	0.01	61	13	0.01	1	390	<2	0.63	2
H886455		7.87	<10	<1	0.08	10	0.02	97	4	0.01	1	220	206	0.01	5
H886456		5.70	<10	1	0.15	10	0.04	42	6	<0.01	<1	630	31	<0.01	<2
H886457		15.4	<10	<1	0.23	<10	0.01	37	30	<0.01	<1	950	1250	0.11	15
H886458		13.80	<10	<1	0.20	10	0.02	80	9	<0.01	15	930	2250	0.04	29
H886459		25.1	<10	1	0.12	<10	0.01	15	256	0.01	16	2800	2400	0.11	232
H886460		14.7	<10	1	0.22	10	0.03	40	20	<0.01	28	670	1080	0.03	10
H886461		2.97	<10	<1	0.28	20	0.03	81	2	0.01	<1	640	579	0.02	5
H886462		11.55	<10	1	0.11	<10	<0.01	28	27	0.01	<1	820	2860	1.27	328
H886463		1.97	<10	<1	0.25	30	0.02	54	28	0.01	<1	220	14	0.79	2
H886464		1.56	<10	<1	0.15	<10	0.02	50	13	0.01	2	280	17	0.86	3
H886465		3.45	10	1	0.20	20	0.18	416	62	<0.01	<1	510	2370	0.72	111
H886466		3.84	10	1	0.04	<10	0.02	65	2	0.10	1	30	24	0.06	2
H886467		5.56	<10	1	0.20	10	0.02	452	2	<0.01	<1	300	582	0.02	13
H886468		7.28	<10	<1	0.05	10	0.01	89	14	0.01	<1	330	7	0.04	4
H886469		4.27	<10	1	0.41	10	0.01	134	5	0.01	<1	470	20	0.38	2
H886470		1.65	<10	1	0.01	20	0.10	1015	6	0.01	8	2310	47	0.01	4
H886471		2.86	10	<1	0.74	20	1.01	453	1	0.13	20	1910	25	0.01	2
H886472		4.00	10	<1	0.32	20	0.65	805	4	0.13	14	2200	103	0.06	3
H886473		1.46	10	20	0.02	10	0.08	323	1	0.01	2	660	1695	0.04	>10000
H886474		5.82	<10	19	0.08	<10	0.02	417	24	<0.01	<1	420	2340	0.12	>10000
H886475		11.95	<10	<1	0.12	<10	0.01	74	7	<0.01	<1	1070	1720	4.73	374
H886476		18.8	<10	1	0.23	10	0.03	17850	25	0.01	6	2340	1570	0.07	60
H886477		16.2	10	<1	0.18	10	0.44	10250	8	0.01	24	2180	38	0.04	11

Comments: An additional Au-GRA21 result for sample H886476 is 7.31ppm



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Finalized Date: 21-SEP-2009

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Project: PROSPECTOR MTN

CERTIFICATE OF ANALYSIS VA09094852

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Ag-GRA21	Cu-OG46
		Sr	Th	Ti	Ti	U	V	W	Zn	Ag	Ag	Cu
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
		1	20	0.01	10	10	1	10	2	1	5	0.001
H886451		6	<20	0.01	<10	<10	4	10	14			
H886452		8	<20	<0.01	<10	10	10	<10	19			
H886453		14	20	0.01	<10	<10	12	<10	29			
H886454		23	<20	<0.01	<10	10	5	210	7			
H886455		5	<20	0.05	<10	<10	27	10	28			
H886456		9	<20	0.03	<10	<10	25	50	49			
H886457		24	<20	0.01	<10	50	16	220	111	586		
H886458		3	<20	<0.01	<10	50	104	120	176	299		1.490
H886459		3	<20	<0.01	<10	150	37	30	253	981		3.08
H886460		4	<20	<0.01	<10	30	32	70	113			
H886461		9	30	<0.01	<10	10	58	10	161			
H886462		5	<20	<0.01	<10	10	6	<10	763			
H886463		7	20	<0.01	<10	<10	1	<10	7			
H886464		5	<20	<0.01	<10	<10	2	20	6			
H886465		14	20	<0.01	<10	20	10	<10	2230	118		
H886466		33	<20	0.02	<10	<10	21	<10	28			
H886467		11	<20	<0.01	<10	10	20	<10	70			
H886468		55	<20	0.01	<10	30	19	720	17			
H886469		139	20	<0.01	<10	<10	4	10	23			
H886470		104	<20	0.16	<10	<10	51	<10	161			
H886471		83	30	0.24	<10	<10	95	<10	73			
H886472		34	<20	0.21	<10	<10	134	<10	287			
H886473		29	<20	<0.01	<10	140	42	<10	2620	1340		11.65
H886474		27	<20	<0.01	<10	30	19	<10	505	>1500	1375	7.38
H886475		5	<20	<0.01	<10	<10	8	230	43	888		5.97
H886476		150	<20	<0.01	<10	10	38	<10	201	136		
H886477		135	<20	0.01	<10	10	76	10	245			

Comments: An additional Au-GRA21 result for sample H886476 is 7.31ppm



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Finalized Date: 14-SEP-2009

Account: F

CERTIFICATE VA09093601

Project: Prospector Mountain

P.O. No.:

This report is for 248 Soil samples submitted to our lab in Vancouver, BC, Canada on 27-AUG-2009.

The following have access to data associated with this certificate:

AL ARCHER
VANCOUVER OFFICE

DOUG EATON
BILL WENGZYNOWSKI

JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Pb-OG46	Ore Grade Pb - Aqua Regia	VARIABLE
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES

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Colin Ramshaw, Vancouver Laboratory Manager



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Project: Prospector Mountain

CERTIFICATE OF ANALYSIS VA09093601

Sample Description	Method Analyte Units LOR	WEI-21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
		kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
		0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
CC69251		0.20	4.3	1.83	22	<10	80	2.4	<2	0.71	3.5	10	19	87	4.15	10
CC69252		0.24	4.4	1.63	30	<10	190	2.2	<2	0.71	2.5	9	17	165	3.50	10
CC69253		0.22	25.3	1.07	148	<10	60	2.3	13	0.22	6.7	15	14	1630	5.23	<10
CC69254		0.22	42.3	1.15	108	<10	60	3.0	43	0.41	15.0	13	18	1170	4.95	<10
CC69255		0.22	9.6	1.24	89	<10	50	2.7	5	0.46	13.2	11	21	355	4.72	<10
CC69256		0.18	11.9	1.14	90	<10	60	2.6	5	0.37	18.1	11	19	495	4.94	<10
CC69257		0.20	5.7	1.33	21	<10	120	3.0	4	0.36	2.5	10	20	127	3.59	<10
CC69258		0.18	4.3	1.20	49	<10	50	2.2	3	0.31	4.9	6	22	161	4.15	<10
CC69259		0.22	2.7	1.28	27	<10	80	3.5	<2	0.50	2.6	10	22	113	3.99	<10
CC69260		0.22	2.6	1.54	49	<10	70	3.0	3	0.59	1.7	8	26	68	3.93	<10
CC69261		0.20	3.6	1.41	14	<10	80	3.0	3	0.57	3.5	6	23	119	2.79	<10
CC69262		0.20	4.2	1.73	41	<10	90	3.2	5	0.57	3.8	10	35	141	3.78	<10
CC69263		0.22	3.0	1.89	19	<10	90	2.4	4	0.59	3.5	8	40	128	3.34	<10
CC69264		0.28	32.2	0.69	147	<10	40	2.4	11	0.20	16.4	9	12	1760	5.61	<10
CC69265		0.18	3.2	1.80	34	<10	60	2.1	3	0.27	2.3	6	28	188	3.85	<10
CC69266		0.22	1.8	1.93	39	<10	40	1.7	5	0.20	1.3	6	31	153	3.92	10
CC69267		0.22	0.4	1.70	24	<10	50	1.7	3	0.24	1.2	8	29	80	3.47	<10
CC69268		0.18	1.3	2.02	36	<10	50	2.1	3	0.38	1.7	9	31	114	4.25	10
CC69269		0.14	0.9	0.70	19	<10	30	0.5	<2	0.11	1.1	5	14	35	1.99	<10
CC69270		0.28	1.0	1.73	40	<10	60	2.6	4	0.45	3.6	9	29	139	3.93	<10
CC69271		0.18	5.4	1.74	33	<10	70	2.5	5	0.57	4.2	7	29	134	3.33	10
CC69272		0.20	2.2	1.08	17	<10	60	0.6	5	0.13	0.9	4	18	52	2.13	10
CC69273		0.14	4.7	1.35	26	<10	70	2.0	4	0.49	6.5	6	21	169	2.60	10
CC69274		0.32	6.0	2.13	28	<10	80	2.8	6	0.63	6.2	11	45	202	3.47	10
CC69275		0.32	7.6	1.96	40	<10	70	3.2	8	0.60	9.6	12	40	242	4.03	10
CC69276		0.14	6.7	2.01	17	<10	100	2.8	6	0.56	14.5	10	42	275	2.69	10
CC69277		0.30	1.9	1.48	20	<10	120	2.4	4	0.79	4.1	12	24	101	3.94	<10
CC69278		0.26	4.9	1.73	26	<10	100	3.2	4	0.85	5.2	12	16	144	4.31	<10
CC69279		0.24	4.6	1.65	23	<10	120	2.6	4	0.71	4.1	10	21	157	4.00	<10
CC69280		0.22	4.2	1.59	22	<10	100	2.6	3	0.79	4.7	10	17	139	3.79	<10
CC69281		0.16	4.0	1.33	15	<10	90	1.5	2	0.55	1.2	8	19	76	2.95	<10
CC69282		0.18	0.7	1.83	11	<10	80	2.7	7	0.37	1.0	9	24	145	2.67	10
CC69283		0.28	2.0	1.81	13	<10	80	1.7	8	0.67	1.1	11	28	91	3.74	<10
CC69284		0.20	4.7	1.91	25	<10	110	3.8	17	0.67	2.3	15	25	139	5.93	<10
CC69285		0.18	0.6	1.16	9	<10	80	1.1	6	0.29	1.8	5	24	59	2.31	<10
CC69286		0.22	9.4	1.74	56	<10	130	2.4	22	0.50	11.3	17	22	253	5.20	<10
CC69287		0.20	20.4	2.46	49	<10	310	2.2	10	0.61	13.4	9	42	241	3.89	<10
CC69288		0.22	14.2	1.70	45	<10	150	1.7	11	0.54	8.3	11	26	251	3.76	<10
CC69289		0.26	2.8	1.97	20	<10	120	2.4	4	0.63	14.3	14	29	121	4.02	<10
CC69290		0.24	0.2	1.53	8	<10	90	1.2	4	0.68	1.3	10	33	31	3.22	<10



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Project: Prospector Mountain

CERTIFICATE OF ANALYSIS VA09093601

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC69251		<1	0.08	30	0.65	2990	1	0.02	13	1780	465	0.08	24	2	31
CC69252		<1	0.11	30	0.63	2260	3	0.02	14	1830	350	0.14	30	3	106
CC69253		1	0.10	20	0.23	6840	28	0.01	10	2180	>10000	0.18	38	2	55
CC69254		1	0.10	30	0.34	7870	14	0.01	17	2230	>10000	0.05	32	3	74
CC69255		<1	0.08	30	0.37	5370	4	0.01	17	2140	2470	0.03	28	2	65
CC69256		1	0.08	30	0.25	7670	7	0.01	16	1980	3280	0.05	39	2	55
CC69257		<1	0.06	20	0.27	4370	4	0.01	14	1520	655	0.06	12	1	37
CC69258		1	0.08	20	0.23	2790	3	0.01	13	2200	987	0.10	15	1	30
CC69259		1	0.08	20	0.37	2670	2	0.01	17	1500	411	0.02	11	3	37
CC69260		1	0.07	30	0.49	1430	2	0.01	17	1650	215	0.04	5	3	35
CC69261		1	0.07	40	0.36	934	1	0.01	16	1420	191	0.04	5	3	38
CC69262		1	0.07	30	0.58	1670	2	0.01	23	1520	652	0.02	6	4	36
CC69263		1	0.08	30	0.66	991	2	0.01	24	1510	549	0.03	4	3	38
CC69264		<1	0.16	20	0.20	6350	17	0.01	11	1870	>10000	0.41	37	2	41
CC69265		<1	0.08	20	0.45	945	4	0.01	16	1330	3900	0.10	6	2	26
CC69266		<1	0.07	20	0.48	916	4	0.01	14	1050	2390	0.05	7	2	23
CC69267		1	0.05	10	0.44	1300	2	0.01	15	1400	888	0.06	4	1	17
CC69268		1	0.05	20	0.65	1680	3	0.01	17	1680	1290	0.02	8	3	24
CC69269		<1	0.04	10	0.14	929	2	0.01	6	480	256	<0.01	2	1	11
CC69270		<1	0.07	20	0.61	1880	3	0.01	18	1870	1835	0.05	8	3	30
CC69271		1	0.06	30	0.67	1260	1	0.01	15	1560	911	0.03	7	4	37
CC69272		<1	0.04	10	0.16	448	2	<0.01	6	580	598	<0.01	5	2	17
CC69273		<1	0.05	40	0.38	1040	1	0.01	12	1230	565	0.06	6	2	39
CC69274		1	0.06	50	0.85	1710	1	0.01	24	1630	971	0.05	7	5	41
CC69275		1	0.06	40	0.72	3720	1	0.01	24	1640	1165	0.06	11	4	40
CC69276		<1	0.04	60	0.67	2450	1	0.01	25	1540	1020	0.11	4	4	39
CC69277		<1	0.09	40	0.65	3160	1	0.01	19	2070	405	0.03	22	4	46
CC69278		<1	0.10	40	0.60	3860	1	0.01	17	2200	422	0.06	35	3	57
CC69279		<1	0.10	40	0.61	2860	1	0.01	16	2020	450	0.05	35	3	54
CC69280		<1	0.09	40	0.56	3030	1	0.01	14	2030	408	0.07	29	3	56
CC69281		1	0.07	30	0.37	1330	1	0.01	10	1450	264	0.11	19	2	44
CC69282		<1	0.05	20	0.63	1330	1	0.02	16	1600	254	0.05	3	1	36
CC69283		<1	0.04	20	0.94	1560	1	0.01	16	1980	389	0.01	8	3	57
CC69284		<1	0.13	40	0.65	1890	1	0.03	16	2570	617	0.31	12	3	100
CC69285		<1	0.03	10	0.33	437	<1	0.01	10	1160	116	0.03	4	1	33
CC69286		1	0.18	40	0.60	4200	4	0.02	18	2280	1690	0.29	24	4	83
CC69287		1	0.08	30	0.61	1730	1	0.01	23	1640	2680	0.05	83	5	45
CC69288		<1	0.09	30	0.51	1780	2	0.01	16	1900	4480	0.09	76	3	90
CC69289		<1	0.08	30	0.83	3520	1	0.02	20	2070	747	0.07	18	4	68
CC69290		<1	0.06	20	0.79	1240	<1	0.02	18	1820	124	0.02	4	3	48



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CERTIFICATE OF ANALYSIS VA09093601

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Pb-OG46
		Ti	Ti	U	V	W	Zn	Pb
		%	ppm	ppm	ppm	ppm	ppm	%
		0.01	10	10	1	10	2	0.001
CC69251		0.01	<10	<10	60	<10	706	
CC69252		0.02	<10	<10	51	<10	629	
CC69253		0.01	<10	<10	40	<10	2540	1.335
CC69254		0.02	<10	<10	48	<10	3860	1.265
CC69255		0.02	<10	<10	55	<10	3380	
CC69256		0.02	<10	<10	54	<10	3300	
CC69257		0.02	<10	<10	51	<10	645	
CC69258		0.01	<10	<10	55	<10	1440	
CC69259		0.01	<10	<10	54	<10	863	
CC69260		0.02	<10	<10	55	<10	554	
CC69261		0.02	<10	<10	46	<10	583	
CC69262		0.03	<10	<10	60	<10	926	
CC69263		0.03	<10	<10	65	<10	778	
CC69264		0.02	<10	<10	35	<10	4310	1.750
CC69265		0.03	<10	<10	69	<10	1285	
CC69266		0.04	<10	<10	78	<10	736	
CC69267		0.04	<10	<10	77	<10	637	
CC69268		0.04	<10	<10	84	<10	1255	
CC69269		0.05	<10	<10	56	<10	268	
CC69270		0.05	<10	<10	74	<10	1725	
CC69271		0.03	<10	<10	73	<10	970	
CC69272		0.05	<10	<10	66	<10	246	
CC69273		0.04	<10	<10	63	<10	1160	
CC69274		0.02	<10	<10	73	<10	1660	
CC69275		0.02	<10	<10	70	<10	2070	
CC69276		0.02	<10	<10	62	<10	1430	
CC69277		0.03	<10	<10	68	<10	561	
CC69278		0.01	<10	<10	56	<10	820	
CC69279		0.02	<10	<10	63	<10	697	
CC69280		0.02	<10	<10	57	<10	703	
CC69281		0.02	<10	<10	51	<10	364	
CC69282		0.04	<10	<10	57	<10	205	
CC69283		0.05	<10	<10	74	<10	565	
CC69284		0.02	<10	<10	82	<10	763	
CC69285		0.04	<10	<10	60	<10	114	
CC69286		0.03	<10	<10	63	<10	1950	
CC69287		0.06	<10	<10	66	<10	2450	
CC69288		0.04	<10	10	63	<10	1285	
CC69289		0.05	<10	<10	77	<10	1885	
CC69290		0.07	<10	<10	76	<10	331	



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Sample Description	Method Analyte Units LOR	WEI-21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
		kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
		0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC69291		0.24	28.4	1.58	126	<10	110	2.1	68	0.56	2.9	12	25	346	5.13
CC69292		0.22	5.4	1.81	24	<10	210	2.8	11	0.43	4.9	30	18	154	4.52
CC69293		0.18	7.0	1.84	16	<10	80	1.9	3	0.46	8.1	9	28	144	4.11
CC69294		0.18	49.3	1.60	144	<10	90	2.4	15	0.54	17.1	10	23	1205	4.06
CC69295		0.20	3.0	1.45	30	<10	90	1.2	5	0.35	2.4	8	26	98	3.97
CC69296		0.22	2.8	2.18	25	<10	90	2.4	5	0.76	4.3	11	22	251	4.18
CC69297		0.18	4.7	1.59	15	<10	110	1.1	<2	0.36	2.8	7	30	50	3.06
CC69298		0.22	1.0	1.99	24	<10	90	1.6	5	0.51	3.1	9	27	99	3.47
CC69299		0.18	2.5	2.23	21	<10	100	2.5	4	0.84	0.7	7	32	188	3.33
CC69300		0.20	0.8	1.81	13	<10	90	1.7	3	0.61	0.8	8	29	102	2.94
CC69301		0.16	0.7	1.85	13	<10	90	1.7	3	0.53	1.3	8	29	119	2.74
CC69302		0.14	0.9	1.85	14	<10	90	1.0	2	0.40	1.2	8	32	65	3.14
CC69303		0.16	3.5	2.36	27	<10	80	1.9	4	0.43	2.8	9	35	121	3.53
CC69304		0.14	0.2	1.72	13	<10	90	0.9	<2	0.25	0.8	8	29	45	3.29
CC69305		0.18	0.6	1.43	9	<10	80	1.1	4	0.41	0.6	7	26	58	2.54
CC69306		0.16	<0.2	1.26	10	<10	60	0.5	2	0.22	0.6	6	28	30	2.82
CC69307		0.20	1.6	1.82	15	<10	110	1.8	5	0.59	0.6	8	26	87	2.82
CC69308		0.18	0.8	1.80	12	<10	110	1.2	7	0.38	1.0	9	31	107	3.06
CC69309		0.26	0.5	1.96	12	<10	110	1.8	3	0.72	0.7	9	27	122	3.71
CC69310		0.18	3.3	2.32	30	<10	70	0.9	13	0.14	1.5	12	35	91	3.45
CC69311		0.18	16.0	2.49	17	<10	60	2.2	66	0.36	5.1	13	29	352	4.12
CC69312		0.24	1.2	2.73	18	<10	70	2.0	27	0.29	4.9	13	29	290	4.08
CC69313		0.16	7.1	2.11	33	<10	60	1.4	16	0.30	1.2	9	29	535	3.59
CC69314		0.16	<0.2	2.19	14	<10	70	1.0	2	0.17	<0.5	8	37	28	3.61
CC69315		0.14	1.2	1.59	13	<10	100	1.5	9	0.39	0.9	8	21	45	3.47
CC69316		0.22	1.0	1.71	21	<10	330	2.4	13	0.57	0.8	11	30	82	3.31
CC69317		0.18	1.6	2.32	28	<10	240	2.4	17	0.48	1.2	19	23	41	5.36
CC69318		0.18	2.0	2.02	19	<10	240	2.9	16	0.73	0.8	10	26	83	3.64
CC69319		0.14	1.3	1.61	13	<10	160	1.3	11	0.32	0.8	7	25	47	2.95
CC69320		0.20	<0.2	1.50	11	<10	60	0.6	8	0.12	<0.5	5	27	18	3.30
CC69321		0.18	0.3	2.08	7	<10	110	2.2	11	0.65	<0.5	9	22	26	3.43
CC69322		0.16	<0.2	1.93	12	<10	60	1.1	12	0.28	<0.5	9	22	33	3.94
CC69323		0.22	1.1	2.15	15	<10	80	1.4	46	0.35	0.5	9	27	215	3.80
CC69324		0.24	0.2	1.45	17	<10	70	0.5	5	0.13	0.5	6	29	23	3.86
CC69325		0.20	<0.2	1.71	17	<10	90	0.9	13	0.15	<0.5	7	30	41	3.74
CC69326		0.22	<0.2	1.74	17	<10	90	0.9	4	0.18	0.5	7	30	27	3.79
CC69327		0.20	<0.2	1.88	5	<10	160	2.7	4	0.63	0.6	8	24	29	3.23
CC69328		0.26	1.2	1.70	9	<10	90	1.8	10	0.55	1.0	11	23	54	3.91
CC69329		0.26	20.7	0.95	523	<10	110	1.4	7	0.11	4.7	6	29	307	7.86
CC69330		0.20	58.0	0.74	2360	<10	110	1.4	70	0.16	6.7	1	8	562	4.63



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		Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC69291		<1	0.19	20	0.59	1230	3	0.03	12	2280	3880	0.51	105	3	81
CC69292		<1	0.10	30	0.40	2700	8	0.02	13	1970	512	0.17	17	2	270
CC69293		1	0.09	30	0.77	1910	1	0.01	20	1970	1265	0.08	27	3	53
CC69294		1	0.09	30	0.60	2360	5	0.02	18	2100	>10000	0.18	683	3	56
CC69295		1	0.17	20	0.49	1360	1	0.01	15	1530	1090	0.29	15	2	75
CC69296		1	0.09	50	0.77	4660	2	0.01	18	2010	685	0.04	30	3	106
CC69297		1	0.05	20	0.47	967	1	0.01	14	940	531	0.02	23	2	28
CC69298		1	0.08	30	0.68	2060	1	0.01	15	1620	438	0.04	33	2	40
CC69299		1	0.07	40	0.62	1140	1	0.02	15	1570	184	0.07	13	3	59
CC69300		1	0.05	30	0.72	1020	<1	0.01	19	1640	132	0.02	7	3	45
CC69301		1	0.05	30	0.68	726	<1	0.01	16	1080	137	0.03	7	3	42
CC69302		1	0.05	20	0.63	601	1	0.01	19	1240	98	0.03	4	3	30
CC69303		<1	0.07	20	0.77	895	1	0.01	27	1340	1065	0.03	32	3	28
CC69304		<1	0.05	10	0.49	550	1	0.01	16	1060	67	0.05	2	2	22
CC69305		<1	0.04	20	0.50	579	1	0.01	17	1300	54	0.03	2	2	26
CC69306		<1	0.04	10	0.42	765	1	0.01	14	770	48	0.03	<2	2	18
CC69307		<1	0.06	30	0.53	1140	1	0.02	16	1390	220	0.05	4	3	41
CC69308		<1	0.05	20	0.60	1200	1	0.01	20	1340	172	0.02	5	3	27
CC69309		<1	0.07	30	0.88	1270	<1	0.01	20	1720	185	0.02	8	3	43
CC69310		<1	0.08	20	0.66	1280	2	0.01	25	670	790	0.07	5	3	30
CC69311		<1	0.07	30	0.94	2580	2	0.01	21	1300	1350	0.05	13	3	26
CC69312		1	0.06	30	0.91	2860	1	0.01	21	1150	842	0.02	11	3	18
CC69313		<1	0.06	10	0.55	620	4	0.01	21	1100	883	0.04	25	3	17
CC69314		1	0.04	10	0.57	430	1	0.01	19	440	54	0.03	<2	3	16
CC69315		1	0.07	20	0.52	1710	1	0.01	11	1660	413	0.10	6	2	45
CC69316		<1	0.05	20	0.56	1350	3	0.01	19	1700	162	0.03	5	3	149
CC69317		1	0.14	20	0.61	2040	5	0.02	14	1720	98	0.18	8	3	148
CC69318		<1	0.07	30	0.57	1210	2	0.01	15	1680	124	0.05	8	3	147
CC69319		1	0.06	10	0.41	607	3	0.01	14	1010	77	0.03	4	2	101
CC69320		1	0.04	10	0.33	359	1	<0.01	13	370	29	0.01	3	2	14
CC69321		<1	0.05	30	0.89	1800	<1	0.01	14	1810	38	0.01	4	2	30
CC69322		1	0.05	20	0.60	1690	<1	0.01	12	940	63	0.01	5	1	23
CC69323		<1	0.06	20	0.56	1130	<1	0.01	15	1260	138	<0.01	5	2	27
CC69324		<1	0.06	10	0.36	623	2	0.01	15	610	20	0.03	3	2	14
CC69325		1	0.04	10	0.44	676	3	0.01	18	710	82	0.06	4	2	25
CC69326		1	0.05	10	0.53	707	1	0.02	18	720	85	0.05	4	2	19
CC69327		1	0.07	30	0.66	1240	1	0.02	16	1810	165	0.06	5	3	36
CC69328		1	0.07	30	0.72	2460	1	0.02	17	1660	255	0.02	11	4	27
CC69329		1	0.31	20	0.21	1045	3	0.03	16	3070	3650	0.85	87	4	50
CC69330		1	0.33	20	0.08	201	7	0.07	5	2410	>10000	1.12	238	3	67



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		Ti	Ti	U	V	W	Zn	Pb
		% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2	% 0.001
CC69291		0.04	<10	<10	68	<10	764	1.170
CC69292		0.02	<10	10	55	<10	727	
CC69293		0.05	<10	<10	74	<10	1380	
CC69294		0.04	<10	<10	65	<10	1730	
CC69295		0.04	<10	<10	64	<10	361	
CC69296		0.02	<10	<10	64	<10	1150	
CC69297		0.06	<10	<10	74	<10	660	
CC69298		0.03	<10	<10	71	<10	998	
CC69299		0.03	<10	<10	67	<10	352	
CC69300		0.04	<10	<10	69	<10	237	
CC69301		0.04	<10	<10	70	<10	277	
CC69302		0.07	<10	<10	73	<10	181	
CC69303		0.06	<10	<10	75	<10	1160	
CC69304		0.07	<10	<10	82	<10	112	
CC69305		0.05	<10	<10	65	<10	109	
CC69306		0.06	<10	<10	73	<10	95	
CC69307		0.04	<10	<10	62	<10	150	
CC69308		0.07	<10	<10	73	<10	155	
CC69309		0.04	<10	<10	76	<10	281	
CC69310		0.07	<10	<10	70	<10	426	
CC69311		0.04	<10	<10	81	<10	1405	
CC69312		0.04	<10	<10	81	<10	699	
CC69313		0.06	<10	<10	69	<10	586	
CC69314		0.10	<10	<10	88	<10	91	
CC69315		0.03	<10	<10	61	<10	367	
CC69316		0.05	<10	<10	75	<10	167	
CC69317		0.03	<10	<10	87	<10	283	
CC69318		0.03	<10	<10	81	<10	180	
CC69319		0.05	<10	<10	81	<10	134	
CC69320		0.09	<10	<10	97	<10	69	
CC69321		0.02	<10	<10	64	<10	156	
CC69322		0.03	<10	<10	69	<10	150	
CC69323		0.04	<10	<10	66	<10	121	
CC69324		0.09	<10	<10	90	<10	71	
CC69325		0.07	<10	<10	89	<10	125	
CC69326		0.05	<10	<10	89	<10	160	
CC69327		0.03	<10	<10	72	<10	219	
CC69328		0.05	<10	<10	64	<10	477	
CC69329		0.02	<10	<10	38	<10	917	
CC69330		<0.01	<10	<10	24	<10	918	1.880



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CERTIFICATE OF ANALYSIS VA09093601

Sample Description	Method Analyte Units LOR	WEI-21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
		kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
		0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
CC69331		0.26	40.6	1.69	1030	<10	60	2.0	26	0.18	3.3	32	27	458	5.65	<10
CC69332		0.22	2.3	1.50	80	<10	60	1.1	6	0.16	0.6	14	30	99	3.23	10
CC69333		0.24	3.8	1.95	95	<10	60	1.0	5	0.16	0.5	10	27	116	3.48	10
CC69334		0.28	0.5	1.57	75	<10	80	1.4	7	0.30	2.0	20	43	97	3.71	10
CC69335		0.30	1.0	1.79	76	<10	80	1.4	4	0.28	1.1	17	47	93	3.56	10
CC69336		0.18	0.9	1.76	84	<10	80	2.0	2	0.51	1.3	22	56	125	3.97	10
CC69337		0.24	2.0	1.84	142	<10	70	1.1	3	0.25	0.9	15	47	89	3.44	<10
CC69338		0.24	5.0	1.59	276	<10	60	1.4	4	0.29	2.6	15	46	132	3.98	<10
CC69339		0.26	5.4	1.86	302	<10	80	1.5	4	0.26	2.8	32	50	136	4.00	<10
CC69340		0.18	7.3	1.85	439	<10	80	1.8	6	0.25	3.3	28	36	186	3.15	<10
CC69341		0.22	7.2	1.76	528	<10	70	2.1	8	0.27	4.3	15	28	206	3.11	<10
CC69342		0.22	2.6	2.60	554	<10	470	2.4	5	0.50	4.7	24	85	192	3.90	10
CC69343		0.22	5.1	2.90	202	<10	190	2.1	5	0.75	6.0	25	100	186	4.57	10
CC69344		0.20	1.0	1.59	54	<10	70	0.7	<2	0.31	1.2	9	56	35	2.75	10
CC69345		0.24	1.1	2.34	44	<10	80	1.2	3	0.31	1.0	9	71	61	3.72	<10
CC69346		0.18	<0.2	2.59	27	<10	90	1.6	3	0.36	0.5	14	100	71	3.84	10
CC69347		0.20	1.2	1.91	30	<10	90	1.0	<2	0.42	0.8	10	71	75	3.34	10
CC69348		0.24	0.6	1.98	37	<10	80	1.2	<2	0.55	0.8	14	77	73	3.29	10
CC69349		0.22	0.5	2.00	18	<10	80	0.9	<2	0.33	0.5	10	70	37	3.27	10
CC69350		0.18	<0.2	1.41	11	<10	70	<0.5	2	0.35	<0.5	9	77	26	2.90	10
CC69351		0.18	<0.2	1.97	19	<10	100	0.8	<2	0.35	<0.5	11	75	38	3.40	10
CC69352		0.16	<0.2	1.68	21	<10	60	0.7	2	0.33	<0.5	11	79	54	3.11	10
CC69353		0.20	<0.2	1.72	7	<10	80	0.5	2	0.28	<0.5	9	71	28	3.25	10
CC69354		0.24	<0.2	1.94	10	<10	80	0.7	3	0.34	<0.5	11	76	32	3.26	10
CC69355		0.20	<0.2	2.37	16	<10	90	0.8	2	0.33	<0.5	12	85	44	4.13	10
CC69356		0.24	0.3	2.00	15	<10	70	0.7	<2	0.23	<0.5	9	91	50	3.65	10
CC69357		0.18	<0.2	1.87	22	<10	70	0.6	<2	0.23	<0.5	10	61	38	3.20	<10
CC69358		0.20	<0.2	1.62	32	<10	60	0.7	2	0.36	<0.5	12	86	56	2.99	10
CC69359		0.20	<0.2	2.01	24	<10	80	1.0	2	0.26	0.5	14	78	64	3.24	10
CC69360		0.20	<0.2	1.69	30	<10	70	0.7	2	0.30	<0.5	10	76	41	3.15	10
CC69361		0.20	<0.2	2.32	24	<10	60	0.8	4	0.20	0.5	11	50	35	3.38	10
CC69362		0.18	<0.2	1.99	24	<10	70	1.1	<2	0.15	<0.5	9	47	31	3.28	10
CC69363		0.18	<0.2	2.14	17	<10	90	1.2	4	0.24	0.6	13	54	49	2.90	<10
CC69364		0.20	<0.2	2.47	16	<10	80	1.5	3	0.14	0.6	11	43	40	3.33	10
CC69365		0.24	<0.2	2.93	14	<10	110	1.7	2	0.24	0.6	11	37	23	3.33	10
CC69366		0.18	0.3	0.98	10	<10	70	0.5	4	0.12	<0.5	8	33	29	2.21	<10
CC69367		0.22	<0.2	0.79	5	<10	30	<0.5	2	0.13	<0.5	4	14	20	0.96	<10
CC69368		0.24	<0.2	1.80	43	<10	70	0.8	2	0.27	0.5	11	77	52	3.14	10
CC69369		0.16	<0.2	1.79	39	<10	60	0.6	4	0.24	0.7	10	84	37	3.25	10
CC69370		0.14	<0.2	2.14	24	<10	100	1.2	2	0.36	0.7	14	75	97	2.75	10



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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm 1	% 0.01	ppm 10	% 0.01	ppm 5	ppm 1	% 0.01	ppm 1	ppm 10	ppm 2	% 0.01	ppm 2	ppm 1	ppm 1
CC69331		1	0.12	30	0.44	2490	6	0.03	19	2260	6620	0.35	193	4	33
CC69332		1	0.05	20	0.35	1110	3	0.02	20	1580	259	0.13	2	1	18
CC69333		1	0.05	20	0.44	650	3	0.02	15	1670	314	0.15	3	1	21
CC69334		1	0.08	20	0.59	1015	2	0.02	29	1540	168	0.08	6	3	25
CC69335		1	0.07	20	0.65	594	2	0.02	28	1500	123	0.08	4	3	28
CC69336		1	0.09	20	0.68	987	3	0.02	36	1780	98	0.09	2	3	38
CC69337		1	0.08	10	0.61	500	3	0.02	23	1450	207	0.09	10	2	29
CC69338		1	0.09	10	0.55	763	6	0.02	23	1580	692	0.13	37	2	30
CC69339		1	0.10	20	0.63	2480	7	0.02	22	1610	1210	0.13	46	3	32
CC69340		1	0.07	20	0.46	1855	6	0.02	21	1440	832	0.12	21	2	43
CC69341		1	0.08	20	0.37	1410	6	0.02	21	1390	686	0.13	30	1	52
CC69342		1	0.19	20	1.06	1565	7	0.02	37	2010	319	0.08	19	4	180
CC69343		<1	0.21	20	1.40	1100	4	0.07	77	2090	294	0.12	28	3	210
CC69344		1	0.15	10	0.78	340	1	0.02	44	1250	145	0.02	7	2	34
CC69345		1	0.19	10	1.07	403	2	0.02	58	1260	253	0.04	6	3	37
CC69346		<1	0.27	10	1.36	604	2	0.02	71	1410	37	0.04	4	3	60
CC69347		<1	0.17	10	1.08	375	2	0.02	60	990	30	0.04	5	3	84
CC69348		1	0.25	10	1.10	618	2	0.02	62	1820	115	0.03	5	3	56
CC69349		<1	0.30	10	1.09	465	1	0.02	65	1460	104	0.03	3	2	25
CC69350		2	0.36	10	1.20	256	1	0.02	76	1010	10	0.02	<2	1	22
CC69351		<1	0.28	10	1.26	617	2	0.02	73	1420	25	0.04	<2	2	26
CC69352		<1	0.23	10	1.01	354	2	0.02	60	1200	19	0.04	<2	2	33
CC69353		1	0.32	10	1.13	383	1	0.02	70	1190	5	0.02	<2	2	19
CC69354		1	0.29	10	1.13	379	1	0.02	66	1490	8	0.02	6	2	19
CC69355		1	0.15	10	1.20	413	2	0.02	67	700	82	0.02	3	3	29
CC69356		1	0.22	10	1.13	344	2	0.02	71	820	44	0.03	4	2	18
CC69357		1	0.13	10	0.78	365	1	0.02	45	830	22	0.03	<2	2	17
CC69358		1	0.28	10	1.00	339	1	0.02	60	1260	29	0.02	3	2	29
CC69359		1	0.34	10	1.18	553	2	0.02	69	1040	22	0.04	<2	2	27
CC69360		1	0.29	10	1.03	452	2	0.02	59	1070	36	0.03	2	2	26
CC69361		<1	0.05	10	0.50	345	2	<0.01	27	520	39	<0.01	2	3	29
CC69362		<1	0.04	10	0.44	292	1	<0.01	21	550	19	0.02	2	2	28
CC69363		<1	0.05	10	0.57	565	1	0.01	28	800	21	0.03	2	2	31
CC69364		<1	0.07	10	0.63	540	1	0.01	23	610	16	0.03	2	2	22
CC69365		<1	0.06	10	0.59	417	1	0.01	22	740	13	0.03	<2	3	24
CC69366		1	0.04	10	0.18	776	3	0.01	15	900	14	0.07	<2	1	28
CC69367		<1	0.02	<10	0.13	218	<1	0.02	6	560	3	<0.01	2	1	14
CC69368		1	0.12	10	0.70	464	1	0.01	42	1040	17	0.01	2	2	29
CC69369		1	0.12	10	0.68	366	1	0.01	46	880	37	0.02	3	2	28
CC69370		1	0.28	10	1.14	385	1	0.02	71	1380	25	0.05	2	2	44



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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Pb-OG46
		Ti	Ti	U	V	W	Zn	Pb
		% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2	% 0.001
CC69331		0.03	<10	<10	58	<10	616	
CC69332		0.03	<10	<10	51	<10	156	
CC69333		0.03	<10	<10	53	<10	128	
CC69334		0.08	<10	<10	67	<10	198	
CC69335		0.08	<10	<10	67	<10	195	
CC69336		0.05	<10	<10	65	<10	261	
CC69337		0.08	<10	<10	64	<10	164	
CC69338		0.07	<10	<10	63	<10	226	
CC69339		0.07	<10	<10	64	<10	343	
CC69340		0.04	<10	<10	50	<10	408	
CC69341		0.03	<10	<10	39	<10	742	
CC69342		0.08	<10	<10	78	<10	642	
CC69343		0.14	<10	<10	109	<10	655	
CC69344		0.15	<10	<10	76	<10	185	
CC69345		0.18	<10	<10	96	<10	299	
CC69346		0.17	<10	<10	101	<10	156	
CC69347		0.16	<10	<10	87	<10	127	
CC69348		0.15	<10	<10	84	<10	177	
CC69349		0.20	<10	<10	94	<10	122	
CC69350		0.28	<10	<10	98	<10	63	
CC69351		0.21	<10	<10	98	<10	94	
CC69352		0.16	<10	<10	87	<10	68	
CC69353		0.25	<10	<10	98	<10	72	
CC69354		0.23	<10	<10	99	<10	66	
CC69355		0.22	<10	<10	111	<10	79	
CC69356		0.25	<10	<10	110	<10	102	
CC69357		0.19	<10	<10	89	<10	71	
CC69358		0.21	<10	<10	88	<10	94	
CC69359		0.22	<10	<10	98	<10	118	
CC69360		0.19	<10	<10	98	<10	97	
CC69361		0.12	<10	<10	83	<10	71	
CC69362		0.10	<10	<10	82	<10	60	
CC69363		0.09	<10	<10	73	<10	74	
CC69364		0.13	<10	<10	95	<10	86	
CC69365		0.12	<10	<10	77	<10	68	
CC69366		0.05	<10	<10	65	<10	47	
CC69367		0.04	<10	<10	27	<10	23	
CC69368		0.15	<10	<10	87	<10	88	
CC69369		0.17	<10	<10	85	<10	101	
CC69370		0.18	<10	<10	84	<10	125	



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Sample Description	Method Analyte Units LOR	WEI-21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
		kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
		0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
CC69371		0.20	<0.2	2.26	44	<10	80	0.7	2	0.32	0.8	19	85	71	3.28	10
CC69372		0.22	<0.2	1.62	11	<10	50	0.5	3	0.13	0.5	8	83	38	3.13	10
CC69373		0.20	<0.2	2.30	11	<10	90	0.7	3	0.39	<0.5	15	86	55	3.18	10
CC69374		0.20	<0.2	1.87	10	<10	70	0.7	<2	0.22	0.5	11	67	34	3.32	10
CC69375		0.24	0.2	1.92	13	<10	90	0.7	2	0.29	0.5	10	68	44	3.06	10
CC69376		0.18	<0.2	1.81	17	<10	60	0.6	<2	0.19	0.5	11	67	34	3.28	10
CC69377		0.16	<0.2	1.53	11	<10	50	0.5	3	0.18	0.5	8	60	30	2.96	10
CC69378		0.20	<0.2	2.33	17	<10	90	1.4	4	0.39	0.6	21	98	81	3.51	10
CC69379		0.20	<0.2	2.68	24	<10	110	1.5	3	0.43	0.6	19	119	80	3.87	10
CC69380		0.18	0.5	2.26	33	<10	90	1.3	5	0.41	1.4	17	102	98	3.60	10
CC69381		0.20	1.0	1.82	63	<10	80	1.5	5	0.20	2.0	9	48	54	3.47	10
CC69382		0.20	0.4	2.43	83	<10	90	3.5	6	0.65	1.6	21	129	124	4.94	10
CC69383		0.24	0.5	1.92	64	<10	110	2.1	4	0.37	1.9	18	67	67	3.64	10
CC69384		0.22	<0.2	1.40	37	<10	60	1.1	4	0.22	2.6	11	51	36	3.21	<10
CC69385		0.16	0.3	1.56	16	<10	70	0.7	3	0.13	0.7	5	31	20	2.56	<10
CC69386		0.16	0.2	1.48	23	<10	60	0.8	3	0.25	1.5	10	49	32	2.77	<10
CC69387		0.14	<0.2	0.82	11	<10	60	<0.5	<2	0.09	<0.5	5	23	13	1.91	<10
CC69388		0.22	<0.2	1.84	19	<10	100	1.2	3	0.31	0.7	12	52	49	2.95	<10
CC69389		0.22	<0.2	2.29	22	<10	160	2.5	<2	0.62	2.8	17	92	88	3.62	<10
CC69390		0.16	<0.2	1.44	16	<10	80	1.2	2	0.38	0.8	11	59	45	2.82	<10
CC69391		0.14	<0.2	1.97	23	<10	100	1.7	2	0.32	<0.5	12	50	52	2.99	10
CC69392		0.18	<0.2	1.54	16	<10	110	0.8	4	0.18	0.8	12	38	25	2.87	10
CC69393		0.26	<0.2	1.78	18	<10	90	1.1	4	0.41	0.6	13	64	35	3.11	10
CC69394		0.22	<0.2	1.96	11	<10	100	0.7	3	0.19	0.5	7	37	20	2.71	10
CC69395		0.14	<0.2	1.02	12	<10	60	<0.5	3	0.11	0.5	4	22	15	2.11	10
CC69396		0.12	0.4	1.91	12	<10	100	1.1	5	0.20	0.5	12	34	39	2.63	<10
CC69398		0.18	0.3	2.07	18	<10	130	1.1	<2	0.33	<0.5	10	43	43	3.25	10
CC69399		0.22	<0.2	2.53	16	<10	130	0.6	<2	0.19	<0.5	10	42	26	3.44	10
CC69400		0.22	<0.2	1.94	13	<10	90	0.7	6	0.24	<0.5	9	45	28	3.32	10
CC69401		0.14	<0.2	1.07	6	<10	60	<0.5	<2	0.18	<0.5	6	27	19	1.86	<10
CC69402		0.22	0.2	2.26	17	<10	120	0.9	2	0.28	<0.5	12	46	30	3.48	10
CC69403		0.22	0.2	1.95	19	<10	80	0.8	2	0.20	<0.5	9	47	28	3.68	10
CC69405		0.26	0.2	2.36	15	<10	110	0.8	2	0.24	<0.5	13	44	29	3.23	10
CC69406		0.20	<0.2	1.62	16	<10	70	<0.5	<2	0.17	<0.5	7	43	27	3.40	10
CC69407		0.22	0.2	1.74	12	<10	90	0.6	2	0.18	<0.5	8	40	34	3.20	10
CC69408		0.18	0.2	1.65	15	<10	70	0.8	2	0.15	<0.5	7	35	24	2.67	10
CC69409		0.24	0.4	1.80	19	<10	90	1.3	<2	0.23	<0.5	11	47	38	2.94	10
CC69410		0.26	<0.2	2.04	44	<10	80	2.4	3	0.73	1.5	20	93	111	3.71	10
CC69411		0.26	20.2	1.77	52	<10	90	2.3	29	0.30	2.7	11	28	238	4.75	10
CC69412		0.24	5.6	1.44	39	<10	100	2.0	9	0.43	1.5	15	20	106	4.89	10



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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC69371		1	0.26	10	1.14	499	1	0.01	76	1110	20	0.01	<2	3	23
CC69372		<1	0.08	10	0.70	243	1	0.01	50	470	11	0.02	2	1	15
CC69373		1	0.30	10	1.24	367	<1	0.01	76	1440	7	0.01	3	2	25
CC69374		<1	0.20	10	0.93	344	1	0.01	61	790	8	0.01	2	2	19
CC69375		1	0.16	10	0.97	273	1	0.01	61	930	9	0.03	<2	2	27
CC69376		1	0.12	10	0.76	250	1	0.01	49	670	13	0.01	<2	2	18
CC69377		1	0.12	10	0.68	277	1	0.01	44	750	15	0.02	<2	2	20
CC69378		1	0.31	10	1.29	590	1	0.01	80	1310	56	0.02	3	3	54
CC69379		<1	0.32	10	1.54	615	1	0.01	92	1350	52	0.03	4	3	63
CC69380		1	0.23	10	1.16	392	2	0.01	70	1290	168	0.02	8	3	81
CC69381		<1	0.05	10	0.47	450	2	0.01	22	890	145	0.08	7	2	26
CC69382		<1	0.04	30	0.95	1300	2	0.01	51	2070	67	0.02	4	7	46
CC69383		<1	0.05	10	0.61	1080	2	0.01	34	1460	126	0.04	6	3	38
CC69384		<1	0.04	10	0.39	696	1	0.01	20	740	56	0.03	3	2	24
CC69385		1	0.03	10	0.22	257	1	0.01	12	600	32	0.03	2	1	16
CC69386		<1	0.05	10	0.41	708	1	0.01	22	960	52	0.02	3	2	20
CC69387		<1	0.04	<10	0.12	627	2	0.01	7	660	11	0.02	<2	1	13
CC69388		<1	0.06	10	0.60	609	1	0.01	31	1130	28	0.02	<2	3	24
CC69389		1	0.07	10	0.90	1480	1	0.01	44	1760	33	0.01	3	4	49
CC69390		<1	0.06	10	0.61	496	1	0.01	28	1280	14	0.02	2	2	28
CC69391		<1	0.05	10	0.64	716	1	0.02	28	1090	24	0.05	<2	2	28
CC69392		<1	0.05	10	0.34	824	1	0.01	17	770	15	0.05	2	1	23
CC69393		<1	0.06	10	0.58	440	1	0.01	29	1390	13	0.01	<2	2	25
CC69394		<1	0.04	10	0.34	191	1	0.01	18	520	9	0.01	<2	2	19
CC69395		<1	0.04	10	0.17	131	1	<0.01	10	440	8	0.01	2	2	17
CC69396		<1	0.06	10	0.45	433	1	0.01	21	630	12	0.04	<2	1	28
CC69398		1	0.07	10	0.57	458	1	0.02	26	1080	17	0.05	<2	2	35
CC69399		1	0.05	10	0.52	346	1	0.02	28	560	13	0.02	<2	3	19
CC69400		1	0.04	10	0.46	322	1	0.02	24	640	13	0.03	<2	3	22
CC69401		<1	0.04	10	0.28	175	1	0.03	15	540	9	0.03	<2	1	30
CC69402		1	0.06	10	0.60	408	1	0.02	29	670	17	0.02	<2	4	27
CC69403		<1	0.04	10	0.43	315	2	0.02	22	460	21	0.02	<2	3	26
CC69405		<1	0.05	10	0.55	376	1	0.02	27	590	22	0.02	<2	4	29
CC69406		<1	0.04	10	0.43	221	1	0.02	19	450	12	0.03	<2	3	21
CC69407		1	0.05	10	0.38	422	2	0.02	20	440	13	0.03	<2	2	27
CC69408		<1	0.03	10	0.32	261	1	0.02	15	560	16	0.03	<2	2	18
CC69409		<1	0.04	10	0.49	589	1	0.02	24	1000	19	0.06	<2	2	21
CC69410		<1	0.11	10	1.00	1040	2	0.02	48	2170	24	0.02	2	4	43
CC69411		1	0.07	30	0.63	1460	4	0.02	21	1270	602	0.09	78	3	27
CC69412		1	0.11	20	0.33	1420	5	0.02	20	1740	488	0.19	18	2	53



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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Pb-OG46
		Ti	Ti	U	V	W	Zn	Pb
		% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2	% 0.001
CC69371		0.21	<10	<10	90	<10	106	
CC69372		0.23	<10	<10	100	<10	48	
CC69373		0.21	<10	<10	91	<10	60	
CC69374		0.23	<10	<10	99	<10	59	
CC69375		0.18	<10	<10	92	<10	59	
CC69376		0.21	<10	<10	99	<10	47	
CC69377		0.19	<10	<10	91	<10	51	
CC69378		0.19	<10	<10	95	<10	97	
CC69379		0.19	<10	<10	105	<10	137	
CC69380		0.18	<10	<10	91	<10	153	
CC69381		0.07	<10	<10	70	<10	245	
CC69382		0.03	<10	<10	91	<10	287	
CC69383		0.08	<10	<10	73	<10	357	
CC69384		0.10	<10	<10	73	<10	214	
CC69385		0.07	<10	<10	65	<10	81	
CC69386		0.10	<10	<10	68	<10	204	
CC69387		0.09	<10	<10	61	<10	42	
CC69388		0.09	<10	<10	67	<10	139	
CC69389		0.06	<10	<10	78	<10	405	
CC69390		0.09	<10	<10	67	<10	87	
CC69391		0.07	<10	<10	72	<10	83	
CC69392		0.07	<10	<10	81	<10	59	
CC69393		0.10	<10	<10	73	<10	64	
CC69394		0.10	<10	<10	71	<10	49	
CC69395		0.11	<10	<10	73	<10	30	
CC69396		0.06	<10	<10	58	<10	50	
CC69398		0.09	<10	<10	72	<10	66	
CC69399		0.12	<10	<10	84	<10	56	
CC69400		0.12	<10	<10	81	<10	52	
CC69401		0.08	<10	<10	45	<10	34	
CC69402		0.12	<10	<10	77	<10	61	
CC69403		0.12	<10	<10	83	<10	59	
CC69405		0.12	<10	<10	77	<10	63	
CC69406		0.13	<10	<10	87	<10	39	
CC69407		0.10	<10	<10	83	<10	53	
CC69408		0.08	<10	<10	66	<10	54	
CC69409		0.06	<10	<10	64	<10	83	
CC69410		0.07	<10	<10	80	<10	363	
CC69411		0.02	<10	<10	61	<10	503	
CC69412		0.01	<10	<10	54	<10	463	



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Sample Description	Method Analyte Units LOR	WEI-21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
		kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
		0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
CC69413		0.22	8.5	1.45	47	<10	120	1.9	16	0.41	2.0	12	21	295	4.59	<10
CC69414		0.20	1.5	1.77	25	<10	90	1.4	4	0.40	1.3	11	31	72	4.35	10
CC69415		0.18	1.3	1.34	18	<10	60	0.6	9	0.14	0.5	6	27	60	3.31	10
CC69416		0.16	3.1	1.40	14	<10	90	1.0	4	0.36	<0.5	7	32	132	2.75	10
CC69417		0.20	1.2	1.53	11	<10	80	0.8	3	0.23	0.6	7	27	53	2.83	10
CC69418		0.24	1.0	1.70	18	<10	60	0.9	3	0.30	0.5	8	30	63	3.36	10
CC69419		0.18	1.3	1.68	21	<10	80	1.3	3	0.44	<0.5	9	33	72	3.29	10
CC69420		0.20	0.8	1.45	14	<10	70	1.0	<2	0.25	0.5	6	28	49	2.62	10
CC69421		0.20	0.6	1.97	15	<10	90	1.1	<2	0.28	<0.5	8	38	61	3.16	10
CC69422		0.24	0.8	1.67	20	<10	80	1.1	2	0.46	<0.5	10	36	68	3.23	10
CC69423		0.24	1.7	1.75	15	<10	90	1.3	3	0.35	<0.5	8	34	79	2.79	10
CC69424		0.22	0.3	1.54	17	<10	70	0.7	2	0.23	<0.5	7	29	33	3.28	10
CC69425		0.22	1.3	2.05	20	<10	90	1.5	2	0.50	<0.5	11	42	87	3.32	10
CC69426		0.26	1.4	1.35	20	<10	70	0.8	2	0.31	<0.5	7	29	53	2.54	10
CC69427		0.18	1.0	1.44	16	<10	60	0.8	2	0.34	<0.5	8	39	41	3.05	10
CC69428		0.20	1.9	1.86	15	<10	90	1.1	<2	0.36	<0.5	10	39	68	2.77	10
CC69429		0.20	0.8	1.60	12	<10	90	1.8	<2	0.55	<0.5	11	68	64	2.98	10
CC69430		0.14	0.3	1.97	12	<10	70	1.4	2	0.47	<0.5	11	80	58	3.41	10
CC69431		0.18	0.6	1.60	8	<10	80	1.5	<2	0.43	<0.5	9	59	56	2.53	10
CC69432		0.28	0.3	1.65	11	<10	80	1.4	<2	0.57	<0.5	12	67	61	3.24	10
CC69433		0.22	0.7	1.52	10	<10	90	1.0	<2	0.38	<0.5	6	37	42	2.50	10
CC69434		0.20	0.8	1.73	9	<10	110	1.1	<2	0.39	0.6	9	42	59	2.53	10
CC69435		0.24	0.4	1.64	15	<10	70	0.7	<2	0.21	<0.5	9	41	32	3.13	10
CC69436		0.18	0.5	1.39	20	<10	70	0.8	<2	0.40	0.5	12	59	48	3.17	10
CC69437		0.20	0.5	1.71	13	<10	90	1.1	<2	0.48	<0.5	10	56	74	2.99	10
CC69438		0.22	12.9	2.39	30	<10	60	2.6	3	0.51	0.5	22	181	153	4.50	10
CC69439		0.32	12.3	2.89	29	<10	80	2.9	4	0.60	0.6	29	233	170	5.06	10
CC69440		0.18	21.7	2.38	24	<10	60	2.3	4	0.51	<0.5	21	122	189	3.98	10
CC69441		0.18	9.0	2.36	19	<10	60	1.9	3	0.46	<0.5	21	161	128	3.84	10
CC69442		0.26	1.0	1.88	30	<10	50	1.4	3	0.49	<0.5	23	106	110	3.72	10
CC69443		0.22	1.9	2.35	45	<10	50	1.6	6	0.45	<0.5	18	121	101	3.76	10
CC69444		0.22	0.2	1.84	11	<10	60	1.0	<2	0.47	<0.5	11	112	56	3.10	10
CC69445		0.22	<0.2	1.59	14	<10	50	0.6	2	0.36	<0.5	10	74	47	2.61	10
CC69446		0.22	0.8	1.81	31	<10	50	0.8	2	0.39	<0.5	13	84	57	2.85	10
CC69447		0.28	1.4	1.99	54	<10	60	1.1	2	0.44	0.7	19	101	84	3.35	10
CC69448		0.22	0.2	1.54	26	<10	70	0.8	2	0.47	<0.5	16	72	75	2.94	10
CC69449		0.16	0.2	1.64	13	<10	60	0.7	2	0.33	<0.5	11	75	48	2.57	10
CC69450		0.22	0.3	1.79	18	<10	60	1.1	2	0.27	<0.5	12	68	51	2.71	10
CC69451		0.30	0.5	1.84	22	<10	70	1.3	<2	0.37	0.5	22	62	84	3.87	10
CC69452		0.18	0.2	1.55	16	<10	50	0.8	2	0.14	<0.5	7	33	41	2.27	10



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		Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
		ppm 1	% 0.01	ppm 10	% 0.01	ppm 5	ppm 1	% 0.01	ppm 1	ppm 10	ppm 2	% 0.01	ppm 2	ppm 1	ppm 1	ppm 20
CC69413		1	0.17	20	0.37	807	4	0.02	14	1820	721	0.35	57	2	71	<20
CC69414		1	0.06	20	0.63	1040	2	0.02	22	1620	103	0.08	4	2	31	<20
CC69415		<1	0.04	10	0.32	412	3	0.01	14	860	64	0.07	3	1	15	<20
CC69416		<1	0.04	10	0.40	510	3	0.02	18	1360	65	0.11	3	1	28	<20
CC69417		1	0.05	10	0.42	520	2	0.02	16	1240	57	0.09	<2	1	19	<20
CC69418		<1	0.07	10	0.61	725	2	0.01	19	1390	54	0.08	2	1	21	<20
CC69419		<1	0.07	20	0.73	1050	2	0.02	23	1580	56	0.07	2	2	26	<20
CC69420		<1	0.05	20	0.46	419	1	0.02	17	1110	25	0.07	<2	1	20	<20
CC69421		1	0.06	20	0.62	579	2	0.02	22	1170	34	0.07	2	1	23	<20
CC69422		<1	0.06	20	0.73	768	2	0.02	23	1410	42	0.04	2	3	29	<20
CC69423		<1	0.05	30	0.54	706	2	0.02	19	1110	38	0.08	2	2	27	<20
CC69424		<1	0.04	10	0.46	397	1	0.02	18	710	32	0.03	2	2	18	<20
CC69425		1	0.06	30	0.75	761	2	0.02	26	1270	51	0.05	2	3	32	<20
CC69426		<1	0.05	20	0.47	950	2	0.02	16	1150	71	0.05	3	2	21	<20
CC69427		<1	0.05	10	0.61	511	1	0.02	21	1060	64	0.02	3	3	19	<20
CC69428		1	0.06	20	0.61	1020	2	0.02	20	1180	39	0.06	2	2	26	<20
CC69429		1	0.07	20	0.94	948	1	0.02	30	1690	47	0.04	<2	4	33	<20
CC69430		<1	0.05	10	1.01	598	2	0.02	32	1170	47	0.03	2	5	31	<20
CC69431		1	0.05	20	0.71	447	1	0.03	24	1170	28	0.05	<2	4	28	<20
CC69432		1	0.05	10	0.89	771	1	0.02	31	1560	50	0.02	3	4	35	<20
CC69433		<1	0.05	10	0.48	313	1	0.02	17	690	30	0.04	2	2	26	<20
CC69434		1	0.06	20	0.58	490	2	0.02	22	1060	35	0.06	<2	3	30	<20
CC69435		1	0.05	10	0.56	706	2	0.01	19	780	30	0.03	<2	2	17	<20
CC69436		1	0.05	10	0.76	718	1	0.02	27	1270	55	0.02	2	3	24	<20
CC69437		1	0.07	10	0.76	579	1	0.02	28	1200	78	0.03	2	4	30	<20
CC69438		<1	0.40	10	1.63	3410	2	0.02	110	1700	365	0.13	9	5	121	<20
CC69439		1	0.66	10	2.12	3170	2	0.02	126	2320	499	0.08	8	6	154	<20
CC69440		1	0.26	10	1.36	1650	2	0.02	87	1510	408	0.08	10	4	91	<20
CC69441		1	0.33	10	1.61	1950	2	0.02	94	1350	143	0.11	5	3	69	<20
CC69442		1	0.28	10	1.20	776	2	0.02	75	1580	49	0.05	2	3	55	<20
CC69443		<1	0.34	10	1.54	965	2	0.02	90	1600	105	0.07	3	3	52	<20
CC69444		<1	0.46	10	1.57	312	1	0.02	91	1670	10	0.06	<2	2	26	<20
CC69445		<1	0.34	10	1.28	193	1	0.02	75	1370	10	0.05	<2	2	23	<20
CC69446		<1	0.30	10	1.37	412	1	0.02	76	1460	51	0.05	2	2	27	<20
CC69447		1	0.36	10	1.37	557	1	0.02	76	1760	128	0.05	3	3	34	<20
CC69448		<1	0.24	10	0.97	361	2	0.03	55	1610	27	0.06	2	3	58	<20
CC69449		<1	0.34	10	1.20	367	1	0.03	72	1290	9	0.06	<2	1	32	<20
CC69450		<1	0.14	10	0.68	357	2	0.02	39	1170	19	0.07	2	1	60	<20
CC69451		<1	0.11	10	0.68	766	4	0.03	32	1600	88	0.08	2	3	89	<20
CC69452		<1	0.04	10	0.32	230	2	0.02	17	1010	11	0.09	2	1	32	<20



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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Pb-OG46
		Ti	Ti	U	V	W	Zn	Pb
		% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2	% 0.001
CC69413		0.01	<10	<10	48	<10	458	
CC69414		0.04	<10	<10	76	<10	206	
CC69415		0.05	<10	<10	83	<10	97	
CC69416		0.03	<10	<10	66	<10	108	
CC69417		0.03	<10	<10	60	<10	105	
CC69418		0.03	<10	<10	75	<10	134	
CC69419		0.03	<10	<10	71	<10	140	
CC69420		0.03	<10	<10	60	<10	84	
CC69421		0.03	<10	<10	71	<10	109	
CC69422		0.06	<10	<10	73	<10	109	
CC69423		0.03	<10	<10	66	<10	80	
CC69424		0.07	<10	<10	74	<10	68	
CC69425		0.04	<10	<10	76	<10	121	
CC69426		0.04	<10	<10	55	<10	140	
CC69427		0.07	<10	<10	64	<10	118	
CC69428		0.04	<10	<10	64	<10	97	
CC69429		0.06	<10	<10	67	<10	110	
CC69430		0.08	<10	<10	85	<10	93	
CC69431		0.06	<10	<10	61	<10	69	
CC69432		0.08	<10	<10	72	<10	109	
CC69433		0.07	<10	<10	64	<10	66	
CC69434		0.06	<10	<10	63	<10	72	
CC69435		0.07	<10	<10	73	<10	82	
CC69436		0.06	<10	<10	67	<10	122	
CC69437		0.06	<10	<10	66	<10	96	
CC69438		0.12	<10	<10	100	<10	502	
CC69439		0.16	<10	<10	118	<10	351	
CC69440		0.12	<10	<10	92	<10	324	
CC69441		0.14	<10	<10	102	<10	219	
CC69442		0.14	<10	<10	87	<10	98	
CC69443		0.14	<10	<10	96	<10	186	
CC69444		0.21	<10	<10	95	<10	57	
CC69445		0.16	<10	<10	79	<10	45	
CC69446		0.16	<10	<10	79	<10	137	
CC69447		0.17	<10	<10	86	<10	217	
CC69448		0.13	<10	<10	72	<10	70	
CC69449		0.16	<10	<10	78	<10	52	
CC69450		0.10	<10	<10	64	<10	63	
CC69451		0.10	<10	<10	77	<10	113	
CC69452		0.05	<10	<10	46	<10	40	



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CERTIFICATE OF ANALYSIS VA09093601

Sample Description	Method Analyte Units LOR	WEI-21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
		kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
		0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
CC69453		0.24	0.4	2.13	94	<10	50	1.0	2	0.32	<0.5	12	81	64	3.53	10
CC69454		0.26	0.5	2.00	104	<10	90	1.5	2	0.60	0.6	21	122	71	4.08	10
CC69455		0.28	2.1	1.59	235	<10	80	1.2	5	0.55	1.7	19	96	76	3.36	10
CC69456		0.16	0.5	1.99	64	<10	90	1.3	<2	0.38	0.5	14	68	83	3.34	10
CC69457		0.28	0.2	1.64	32	<10	70	0.6	2	0.49	0.6	13	89	46	3.25	10
CC69458		0.20	0.6	2.24	99	<10	100	1.9	<2	0.46	2.3	17	77	81	3.53	10
CC69459		0.22	0.6	1.42	27	<10	80	0.8	3	0.28	0.9	10	59	43	2.81	10
CC69460		0.16	0.3	0.92	9	<10	40	<0.5	<2	0.13	<0.5	6	46	23	2.13	10
CC69461		0.22	0.3	1.79	21	<10	80	0.6	<2	0.20	<0.5	9	44	29	3.11	10
CC69462		0.20	0.5	1.34	14	<10	50	0.5	2	0.11	<0.5	6	58	26	3.18	10
CC69463		0.18	0.4	0.88	13	<10	40	<0.5	2	0.09	<0.5	5	48	23	2.33	10
CC69464		0.20	0.3	1.64	15	<10	70	0.9	<2	0.24	<0.5	8	41	32	2.82	10
CC69465		0.22	1.0	1.42	12	<10	40	0.5	2	0.16	<0.5	5	41	25	2.70	10
CC69466		0.20	2.0	1.04	20	<10	40	<0.5	3	0.09	<0.5	4	20	27	2.02	10
CC69467		0.20	0.7	1.15	18	<10	60	<0.5	6	0.14	<0.5	5	28	24	2.37	10
CC69468		0.20	0.3	1.95	28	<10	90	1.0	3	0.26	<0.5	11	46	31	3.34	10
CC69469		0.22	0.4	1.59	20	<10	80	0.7	2	0.26	<0.5	8	35	19	3.11	10
CC69470		0.22	0.2	2.01	20	<10	100	0.9	3	0.21	<0.5	10	35	26	3.31	10
CC69471		0.18	0.5	1.77	27	<10	110	0.9	2	0.36	0.6	14	38	41	3.53	10
CC69472		0.20	0.2	1.28	18	<10	90	0.5	5	0.15	<0.5	7	39	27	3.69	10
CC69473		0.18	0.6	1.53	23	<10	60	0.7	3	0.18	<0.5	8	30	26	3.09	10
CC69474		0.26	0.7	2.07	21	<10	60	1.3	4	0.28	0.9	12	30	47	3.19	10
CC69475		0.20	0.6	2.24	16	<10	160	2.6	<2	0.61	0.8	20	63	77	4.17	10
CC69476		0.22	0.3	2.25	18	<10	70	1.4	2	0.37	0.5	15	37	52	4.65	10
CC69477		0.22	1.3	1.79	15	<10	70	1.7	4	0.39	0.5	9	21	49	3.07	10
CC69478		0.24	3.0	2.22	43	<10	110	2.7	13	0.44	1.6	13	21	83	4.82	10
CC69479		0.24	1.3	1.82	39	<10	110	1.4	6	0.38	<0.5	10	28	57	3.78	10
CC69480		0.18	1.9	2.14	29	<10	110	2.2	6	0.43	2.8	13	27	58	3.45	10
CC69481		0.24	1.0	1.51	16	<10	80	0.9	3	0.37	0.8	10	31	33	3.28	10
CC69001		0.32	1.1	2.50	14	<10	150	2.3	3	0.87	0.5	15	118	93	3.39	10
CC69002		0.44	1.8	2.19	29	<10	100	1.5	3	0.52	0.7	13	95	85	3.41	10
CC69003		0.30	1.9	2.22	21	<10	90	1.2	4	0.59	<0.5	13	98	83	3.33	10
CC69004		0.32	1.0	1.79	18	<10	80	0.8	5	0.58	<0.5	12	100	75	3.07	10
CC69005		0.40	0.6	1.87	15	<10	90	0.8	2	0.50	<0.5	12	100	70	3.03	10
CC69006		0.18	0.5	1.62	11	<10	80	0.8	2	0.37	<0.5	11	80	57	2.56	10
CC69007		0.18	0.2	1.95	10	<10	70	0.7	2	0.31	<0.5	9	108	43	3.00	10
CC69008		0.18	<0.2	1.13	8	<10	50	<0.5	<2	0.12	<0.5	4	29	21	1.78	<10
CC69009		0.12	<0.2	0.63	<2	<10	20	<0.5	<2	0.08	<0.5	2	4	6	0.58	<10
CC69010		0.14	0.2	2.70	17	<10	120	0.9	<2	0.18	<0.5	10	42	37	3.90	10
CC69011		0.32	<0.2	2.30	18	<10	130	0.7	<2	0.27	<0.5	12	47	29	3.54	10



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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC69453		<1	0.17	10	0.99	395	2	0.02	58	1060	40	0.02	<2	3	49
CC69454		<1	0.28	10	1.12	1080	1	0.02	65	2060	75	0.02	3	4	71
CC69455		1	0.19	10	0.83	952	2	0.02	67	1870	191	0.02	5	3	70
CC69456		<1	0.17	10	0.96	534	2	0.02	57	1200	61	0.05	3	2	70
CC69457		<1	0.25	10	0.86	458	1	0.02	51	1940	50	0.02	<2	2	52
CC69458		<1	0.07	10	0.86	844	2	0.02	47	1590	238	0.03	5	3	95
CC69459		<1	0.11	10	0.58	651	1	0.02	33	750	41	0.04	2	2	46
CC69460		<1	0.08	10	0.36	194	1	0.02	22	590	16	0.05	<2	1	16
CC69461		<1	0.06	10	0.48	411	2	0.02	21	620	32	0.02	2	3	30
CC69462		1	0.12	10	0.49	322	2	0.02	21	450	25	0.03	<2	2	17
CC69463		<1	0.05	10	0.23	187	2	0.02	14	350	23	0.03	2	1	24
CC69464		1	0.08	10	0.50	288	1	0.02	24	770	30	0.03	2	2	34
CC69465		<1	0.07	10	0.42	246	2	0.02	17	450	22	0.03	<2	2	22
CC69466		<1	0.05	10	0.14	132	4	0.01	10	270	50	0.03	2	1	20
CC69467		1	0.06	10	0.30	242	3	0.02	13	360	32	0.03	<2	2	21
CC69468		<1	0.09	10	0.59	501	2	0.02	22	830	31	0.03	<2	3	28
CC69469		1	0.05	10	0.42	352	2	0.02	16	720	41	0.04	2	2	26
CC69470		1	0.06	10	0.57	476	2	0.02	21	560	33	0.02	2	4	23
CC69471		<1	0.07	10	0.61	944	2	0.02	24	850	54	0.02	3	3	53
CC69472		1	0.06	10	0.39	344	2	0.01	15	480	24	0.02	2	2	26
CC69473		<1	0.07	10	0.44	422	3	0.02	15	530	43	0.02	<2	3	26
CC69474		<1	0.08	10	0.55	1070	3	0.02	20	960	888	0.02	4	3	33
CC69475		1	0.25	20	1.01	1420	4	0.02	32	1860	266	0.01	2	6	125
CC69476		<1	0.07	20	0.75	785	10	0.01	17	1130	95	0.01	<2	4	31
CC69477		<1	0.06	20	0.45	765	9	0.02	12	730	178	0.05	3	3	43
CC69478		1	0.24	40	0.52	1580	16	0.04	12	1150	416	0.38	5	5	123
CC69479		1	0.12	20	0.53	890	9	0.02	16	1070	177	0.17	5	3	57
CC69480		1	0.10	30	0.56	1450	11	0.03	17	810	176	0.11	4	4	56
CC69481		<1	0.09	20	0.53	814	4	0.02	18	1120	127	0.04	3	3	30
CC69001		1	0.32	20	1.38	998	3	0.02	62	1880	121	0.03	<2	4	154
CC69002		<1	0.28	10	1.11	1680	2	0.02	69	1370	147	0.04	3	3	57
CC69003		<1	0.26	10	1.13	928	1	0.02	70	1340	108	0.04	3	3	40
CC69004		<1	0.24	10	0.98	525	2	0.02	59	1650	58	0.03	2	3	40
CC69005		<1	0.26	10	1.02	362	1	0.02	62	1670	29	0.01	2	3	32
CC69006		1	0.19	10	0.89	511	1	0.02	56	1190	23	0.05	<2	1	33
CC69007		<1	0.28	10	1.08	377	1	0.02	75	1100	15	0.02	<2	1	21
CC69008		<1	0.03	10	0.26	127	1	0.02	14	370	19	0.02	<2	1	14
CC69009		<1	0.02	<10	0.03	37	<1	0.03	3	300	2	0.01	<2	<1	9
CC69010		<1	0.05	10	0.50	296	2	0.02	26	470	19	<0.01	<2	4	22
CC69011		<1	0.06	10	0.66	450	1	0.02	32	940	16	<0.01	<2	4	23



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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Pb-OG46
		Ti	Ti	U	V	W	Zn	Pb
		% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2	% 0.001
CC69453		0.18	<10	<10	91	<10	96	
CC69454		0.14	<10	<10	94	<10	176	
CC69455		0.12	<10	<10	78	<10	262	
CC69456		0.15	<10	<10	83	<10	145	
CC69457		0.17	<10	<10	85	<10	118	
CC69458		0.11	<10	<10	82	<10	322	
CC69459		0.15	<10	<10	74	<10	121	
CC69460		0.14	<10	<10	65	<10	51	
CC69461		0.12	<10	<10	78	<10	95	
CC69462		0.21	<10	<10	101	<10	62	
CC69463		0.11	<10	<10	73	<10	45	
CC69464		0.13	<10	<10	74	<10	72	
CC69465		0.16	<10	<10	83	<10	58	
CC69466		0.07	<10	<10	54	<10	72	
CC69467		0.13	<10	<10	74	<10	62	
CC69468		0.12	<10	<10	79	<10	83	
CC69469		0.11	<10	<10	72	<10	67	
CC69470		0.11	<10	<10	71	<10	86	
CC69471		0.11	<10	<10	73	<10	150	
CC69472		0.17	<10	<10	107	<10	76	
CC69473		0.11	<10	<10	68	<10	93	
CC69474		0.07	<10	<10	62	<10	518	
CC69475		0.13	<10	<10	105	<10	289	
CC69476		0.07	<10	<10	89	<10	250	
CC69477		0.04	<10	<10	53	<10	229	
CC69478		0.03	<10	10	49	<10	426	
CC69479		0.06	<10	<10	62	<10	268	
CC69480		0.06	<10	<10	55	<10	305	
CC69481		0.09	<10	<10	68	<10	265	
CC69001		0.11	<10	<10	89	<10	213	
CC69002		0.14	<10	<10	77	<10	371	
CC69003		0.16	<10	<10	83	<10	237	
CC69004		0.15	<10	<10	75	<10	149	
CC69005		0.17	<10	<10	78	<10	101	
CC69006		0.13	<10	<10	70	<10	81	
CC69007		0.19	<10	<10	90	<10	80	
CC69008		0.08	<10	<10	48	<10	34	
CC69009		0.03	<10	<10	16	<10	9	
CC69010		0.11	<10	<10	84	<10	52	
CC69011		0.11	<10	<10	78	<10	69	



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Project: Prospector Mountain

CERTIFICATE OF ANALYSIS VA09093601

Sample Description	Method Analyte Units LOR	WEI-21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe
		kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%
		0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CC69012		0.28	0.2	2.15	13	<10	140	0.8	2	0.23	<0.5	10	40	27	3.35
CC69013		0.22	<0.2	1.55	12	<10	80	<0.5	<2	0.11	<0.5	4	26	13	2.71
CC69014		0.20	0.3	2.03	30	<10	80	2.1	<2	0.91	<0.5	16	84	84	3.56
CC69015		0.24	1.0	1.24	76	<10	90	2.3	2	0.72	0.6	14	42	305	3.58
CC69016		0.26	0.2	2.66	60	<10	180	4.2	3	1.15	1.0	61	173	194	4.97
CC69017		0.20	0.4	1.92	19	<10	80	3.6	<2	1.01	<0.5	20	107	134	3.63
CC69018		0.40	2.5	2.00	162	<10	160	3.3	363	0.99	1.7	55	115	735	7.02
CC69019		0.22	1.8	1.66	16	<10	80	1.5	3	0.57	1.0	16	84	88	3.67



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CERTIFICATE OF ANALYSIS VA09093601

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
		ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CC69012		<1	0.05	10	0.48	409	1	0.02	23	700	17	0.01	<2	3	23
CC69013		<1	0.04	10	0.20	108	1	0.01	11	220	14	<0.01	<2	2	22
CC69014		<1	0.03	20	0.70	672	1	0.02	40	2260	25	0.01	<2	6	69
CC69015		<1	0.08	30	0.37	1850	3	0.01	45	2190	31	<0.01	30	5	29
CC69016		<1	0.02	10	1.84	2000	3	0.02	133	3860	60	<0.01	4	4	55
CC69017		<1	0.33	20	0.95	955	4	0.01	52	2180	40	<0.01	2	6	30
CC69018		<1	0.47	30	1.08	2110	27	0.02	54	2350	265	0.15	6	8	36
CC69019		<1	0.16	10	0.91	849	3	0.02	39	1460	326	0.01	5	4	51



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CERTIFICATE OF ANALYSIS VA09093601

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Pb-OG46
		Ti	Ti	U	V	W	Zn	Pb
		%	ppm	ppm	ppm	ppm	ppm	%
		0.01	10	10	1	10	2	0.001
CC69012		0.11	<10	<10	77	<10	67	
CC69013		0.13	<10	<10	93	<10	27	
CC69014		0.02	<10	<10	80	<10	62	
CC69015		0.02	<10	<10	57	<10	172	
CC69016		0.04	<10	<10	103	<10	172	
CC69017		0.10	<10	<10	86	10	106	
CC69018		0.09	<10	<10	81	120	236	
CC69019		0.12	<10	<10	82	10	339	



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Finalized Date: 17-SEP-2009
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CERTIFICATE VA09093546

Project: Prospector Mountain

P.O. No.:

This report is for 110 Rock samples submitted to our lab in Vancouver, BC, Canada on 27-AUG-2009.

The following have access to data associated with this certificate:

AL ARCHER
VANCOUVER OFFICE

DOUG EATON
BILL WENGZYNOWSKI

JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Cu-OG46	Ore Grade Cu - Aqua Regia	VARIABLE
Pb-OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Pb-VOL70	Pb by Titration	
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Ag-OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Zn-OG46	Ore Grade Zn - Aqua Regia	VARIABLE
Ag-GRA21	Ag 30g FA-GRAV finish	WST-SIM

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:


Colin Ramshaw, Vancouver Laboratory Manager



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CERTIFICATE OF ANALYSIS VA09093546

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA23 Au ppm	Au-AA23 Au Check ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm
		0.02	0.005	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1
G284001		1.86	0.016		0.7	1.07	55	<10	80	2.7	<2	2.51	3.1	9	10	82
G284002		1.72	0.011		1.9	0.78	67	10	30	2.0	2	0.48	143.0	6	7	608
G284003		0.40	0.262		20.6	0.72	204	10	20	2.2	<2	0.39	28.2	4	4	1055
G284004		2.56	1.005		23.7	0.59	159	10	190	3.1	4	0.16	146.0	36	5	4890
G284005		2.04	0.006		1.3	0.93	22	10	60	4.1	<2	1.16	160.0	14	9	2710
G284006		1.58	0.009		0.4	1.02	19	<10	30	4.2	<2	1.48	79.3	10	13	89
G284007		2.60	0.012		1.7	1.20	41	10	60	2.3	<2	0.96	86.6	11	11	332
G284008		2.84	0.725		>100	0.43	101	10	20	1.3	<2	0.08	10.0	2	3	1670
G284009		1.42	0.061		7.5	1.18	13	10	60	3.7	<2	0.46	47.1	11	10	1150
G284010		2.34	0.015		2.6	0.74	63	10	50	2.7	2	0.74	38.0	11	5	65
G284011		0.68	0.076		6.6	0.51	119	10	20	0.8	<2	0.08	1.7	<1	2	58
G284012		2.30	1.315		11.9	0.63	152	10	20	1.1	4	2.57	4.1	1	1	305
G284013		1.84	0.035		2.9	0.90	74	10	60	3.7	2	0.30	5.6	11	8	214
G284014		1.80	0.084		12.4	0.91	27	10	60	3.5	2	0.16	19.6	8	6	1340
G284015		0.92	0.876		21.3	0.72	74	<10	40	1.0	3	0.05	1.6	<1	2	581
G284016		1.20	3.68		40.3	0.54	156	<10	30	0.6	8	0.02	3.3	<1	4	1330
G284017		2.12	0.171		25.4	0.90	78	10	130	1.0	2	0.07	1.5	<1	4	578
G284018		1.98	0.428		13.4	0.68	114	10	180	0.9	6	0.07	1.8	<1	3	508
G284019		1.34	0.016		2.1	1.02	25	<10	210	3.1	3	0.29	10.7	9	10	533
G284020		2.42	0.044		3.9	0.85	18	<10	100	3.1	2	0.40	44.3	14	9	223
G284021		0.80	0.034		6.1	0.78	44	<10	150	1.8	4	0.09	20.4	1	6	684
G284022		0.68	1.075		81.7	0.39	96	<10	60	0.6	51	0.04	3.3	<1	6	752
G284023		1.04	2.89		37.8	0.75	192	<10	50	0.9	3	0.11	3.4	1	3	1020
G284024		0.86	0.013		1.4	1.30	55	<10	70	2.1	<2	0.31	9.0	4	11	483
G284025		1.54	<0.005		1.9	2.42	18	<10	10	1.7	4	0.74	0.9	9	15	216
G284026		2.04	0.013		2.0	1.03	29	<10	60	1.2	5	0.40	0.8	1	9	93
G284027		0.70	0.198		33.7	1.21	100	10	30	1.4	83	0.17	0.6	<1	15	117
G284028		1.60	0.060		45.3	2.07	66	<10	30	1.9	58	0.43	7.9	35	18	1470
G284029		1.20	<0.005		0.2	0.69	9	10	60	1.6	<2	3.05	2.6	7	9	22
G284030		0.56	0.036		3.1	0.53	28	10	200	0.7	2	0.23	0.7	1	5	41
G284031		0.54	0.023		3.4	0.90	34	10	140	1.5	2	0.46	<0.5	4	6	69
G284032		0.60	0.013		0.8	0.62	16	10	100	1.4	2	0.39	0.9	8	6	32
G284033		1.20	<0.005		<0.2	0.69	13	10	40	1.2	<2	1.91	1.9	10	6	22
G284034		1.18	<0.005		1.3	2.14	6	10	80	2.1	<2	0.74	29.0	10	13	111
G284035		0.40	0.046		3.5	1.38	27	<10	30	2.5	9	0.60	7.9	13	6	596
G284036		0.92	0.039		5.0	1.86	33	<10	50	2.2	3	0.68	6.4	11	9	731
G284037		1.16	<0.005		2.1	2.08	5	<10	70	1.7	<2	0.59	16.1	9	12	112
G284038		0.76	<0.005		0.9	1.19	5	<10	60	1.8	<2	0.60	69.2	17	10	283
G284039		0.80	0.078		33.5	1.10	85	10	60	0.8	5	0.31	5.3	3	5	246
G284040		1.76	0.693		>100	0.60	408	<10	30	0.6	58	0.07	2.0	2	5	889



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CERTIFICATE OF ANALYSIS VA09093546

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
		%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
		0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
G284001		3.28	<10	<1	0.32	30	0.50	3680	4	0.01	10	2010	172	0.24	11	2
G284002		3.55	<10	<1	0.38	30	0.10	4910	11	0.01	9	2200	338	0.30	10	2
G284003		3.07	<10	1	0.32	20	0.10	7360	24	0.01	4	1970	5030	0.22	26	1
G284004		6.26	<10	1	0.30	10	0.04	40100	38	0.02	10	980	9670	0.33	35	2
G284005		3.04	<10	<1	0.37	30	0.06	8400	18	0.01	14	1910	805	0.59	21	2
G284006		3.88	<10	<1	0.29	40	0.27	6650	<1	0.01	16	2070	144	0.13	<2	2
G284007		3.20	<10	<1	0.28	30	0.42	5020	1	0.02	13	2060	534	0.19	3	2
G284008		4.93	<10	<1	0.28	10	0.04	1645	21	0.01	1	880	>10000	0.68	47	1
G284009		3.47	<10	<1	0.31	30	0.24	3750	1	0.01	8	2120	1585	0.02	4	2
G284010		3.24	<10	<1	0.34	30	0.05	8100	1	0.01	13	2130	683	0.10	6	1
G284011		2.41	<10	<1	0.38	20	0.03	150	4	0.04	2	1340	3850	0.32	3	1
G284012		7.73	<10	<1	0.31	20	0.04	394	26	0.08	4	1060	3910	2.78	6	1
G284013		4.24	<10	1	0.33	30	0.06	4710	1	0.01	7	1930	1900	0.04	4	2
G284014		5.91	<10	<1	0.42	40	0.05	4680	7	0.01	4	2150	>10000	0.25	8	2
G284015		3.28	<10	<1	0.49	20	0.03	215	9	0.02	2	1700	>10000	0.75	4	1
G284016		12.85	<10	<1	0.23	10	0.02	172	22	0.01	<1	670	>10000	0.65	14	1
G284017		3.36	<10	<1	0.85	30	0.03	52	10	0.01	2	2180	>10000	1.36	3	1
G284018		4.60	<10	<1	0.88	30	0.03	67	8	0.03	1	1820	>10000	1.48	7	1
G284019		4.39	<10	<1	0.34	20	0.05	3950	4	0.01	10	1850	2340	0.22	12	2
G284020		4.05	<10	<1	0.25	30	0.07	7440	1	0.01	13	1920	2900	0.06	5	2
G284021		5.58	<10	<1	0.36	40	0.04	1440	<1	0.01	5	1720	4200	0.23	7	2
G284022		6.79	<10	1	0.21	10	0.02	237	12	0.01	1	830	>10000	0.92	39	1
G284023		3.36	<10	<1	0.43	30	0.07	156	9	0.02	1	1480	>10000	0.76	136	1
G284024		3.36	<10	<1	0.27	30	0.34	800	17	0.01	5	1960	2020	0.19	18	3
G284025		4.10	10	<1	0.12	10	0.90	1350	<1	0.02	14	2100	92	0.01	5	3
G284026		3.10	<10	<1	0.23	30	0.09	86	3	0.02	3	1970	1720	0.23	5	3
G284027		1.74	10	<1	0.38	70	0.07	222	16	0.03	2	2920	>10000	0.32	55	3
G284028		4.78	10	<1	0.15	30	0.77	6590	8	0.03	12	1650	2860	0.05	20	3
G284029		3.08	<10	<1	0.19	30	0.50	3430	<1	0.03	10	1910	166	0.13	6	3
G284030		2.35	<10	<1	0.36	20	0.05	91	1	0.05	2	1560	1060	0.53	27	2
G284031		4.08	<10	<1	0.25	30	0.07	200	<1	0.04	4	2530	443	0.33	52	3
G284032		3.66	<10	<1	0.25	30	0.04	537	<1	0.01	6	2030	168	0.14	6	2
G284033		3.33	<10	<1	0.24	30	0.49	3730	<1	0.03	9	2310	20	0.36	8	3
G284034		3.52	10	<1	0.25	30	1.33	3250	<1	0.02	17	2190	190	0.01	8	3
G284035		2.52	10	<1	0.22	30	0.52	2730	<1	0.01	6	1430	2560	0.01	76	3
G284036		3.18	10	<1	0.26	40	0.90	3040	<1	0.01	11	2170	1570	0.01	109	3
G284037		3.47	10	1	0.25	30	1.22	2930	<1	0.02	16	2090	219	<0.01	8	3
G284038		3.41	10	<1	0.33	30	0.32	11550	<1	0.01	13	2200	172	0.01	4	3
G284039		2.18	<10	1	0.41	30	0.07	999	3	0.01	5	2070	5450	0.22	61	3
G284040		3.31	<10	<1	0.34	10	0.04	886	11	0.01	2	1340	>10000	0.83	180	2



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CERTIFICATE OF ANALYSIS VA09093546

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Zn-OG46	Ag-GRA21	Cu-OG46	Pb-OG46	Pb-VOL70
		Sr	Th	Ti	Ti	U	V	W	Zn	Ag	Zn	Ag	Cu	Pb	Pb
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%	%	%
		1	20	0.01	10	10	1	10	2	1	0.001	5	0.001	0.001	0.01
G284001		107	<20	<0.01	<10	<10	42	<10	925						
G284002		28	<20	<0.01	<10	<10	33	<10	>10000		1.250				
G284003		133	<20	<0.01	<10	<10	19	<10	2880						
G284004		497	<20	<0.01	10	10	30	10	8630						
G284005		90	<20	<0.01	<10	<10	35	<10	>10000		2.25				
G284006		65	<20	<0.01	<10	<10	42	10	>10000		1.200				
G284007		53	<20	<0.01	<10	<10	46	<10	>10000		1.535				
G284008		97	<20	<0.01	<10	<10	16	<10	2560	196				7.03	
G284009		34	<20	<0.01	<10	<10	47	<10	8040						
G284010		82	<20	<0.01	10	<10	27	20	5070						
G284011		74	<20	<0.01	<10	<10	6	<10	511						
G284012		77	<20	<0.01	<10	<10	18	10	1940						
G284013		66	<20	<0.01	<10	<10	37	10	2960						
G284014		100	<20	<0.01	<10	<10	37	20	4090					1.060	
G284015		105	<20	<0.01	<10	<10	14	10	557					1.675	
G284016		162	<20	<0.01	<10	<10	26	10	1620					2.06	
G284017		113	<20	<0.01	<10	<10	15	<10	349					1.725	
G284018		106	<20	<0.01	<10	<10	14	<10	612					1.235	
G284019		102	<20	<0.01	<10	<10	42	10	3630						
G284020		62	<20	<0.01	10	<10	47	40	8140						
G284021		109	<20	<0.01	<10	<10	28	10	3430						
G284022		93	<20	<0.01	<10	<10	35	10	1460					3.13	
G284023		73	<20	<0.01	<10	<10	23	10	839					1.680	
G284024		70	<20	<0.01	<10	<10	54	10	1790						
G284025		28	<20	0.01	<10	<10	71	<10	926						
G284026		138	<20	<0.01	<10	<10	49	<10	310						
G284027		124	<20	0.01	<10	10	44	10	175					1.315	
G284028		89	<20	<0.01	<10	10	49	10	1350						
G284029		60	<20	<0.01	<10	<10	38	10	899						
G284030		62	<20	<0.01	<10	10	13	<10	189						
G284031		67	<20	<0.01	<10	<10	26	<10	391						
G284032		58	<20	<0.01	<10	10	22	<10	497						
G284033		33	<20	<0.01	<10	<10	30	<10	434						
G284034		32	<20	0.01	<10	<10	61	10	3170						
G284035		22	<20	<0.01	<10	<10	45	<10	1030						
G284036		26	<20	<0.01	<10	<10	51	10	1310						
G284037		29	<20	0.01	<10	<10	59	10	2390						
G284038		93	<20	0.01	10	10	52	20	3730						
G284039		76	<20	<0.01	<10	10	27	<10	925						
G284040		28	<20	0.01	<10	10	17	10	337	122				1.900	



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CERTIFICATE OF ANALYSIS VA09093546

Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA23 Au ppm	Au-AA23 Au Check ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm
Sample Description	0.02	0.005	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1
G284041	2.08	0.064		5.1	1.00	51	10	140	1.6	4	0.21	6.4	16	4	232
G284042	1.54	0.005		0.3	1.97	10	<10	90	2.1	<2	0.67	18.5	14	14	139
G284043	0.74	<0.005		2.2	3.80	13	<10	>10000	4.2	<2	2.41	109.5	10	45	40
G284044	0.74	0.218		23.6	1.03	23	<10	380	2.8	104	0.41	23.5	9	10	77
G284045	1.10	0.006		5.4	0.99	15	10	160	1.6	<2	0.59	10.7	6	5	25
G284046	0.66	0.011		14.9	1.05	29	10	130	2.5	5	0.52	127.0	13	7	294
G284047	1.48	1.590		>100	0.09	506	<10	20	<0.5	54	0.02	164.0	1	6	571
G284048	1.78	0.024		5.0	1.70	145	<10	70	2.2	7	0.68	16.9	14	81	246
G284049	1.12	3.51		>100	0.26	4250	10	30	<0.5	13	0.01	50.2	<1	3	524
G284050	0.26	0.085		16.1	0.66	1795	10	190	1.2	3	0.07	6.7	<1	2	191
G284051	0.98	0.170		86.2	0.48	2280	10	90	0.8	5	0.03	3.8	<1	2	100
G284052	1.20	4.59		>100	0.58	5540	<10	70	0.9	37	0.05	15.8	<1	2	500
G284053	1.68	0.029		27.9	0.73	272	10	180	1.4	10	0.07	3.8	<1	4	290
G284054	1.32	0.429		79.1	0.87	574	<10	140	1.3	8	0.14	7.3	2	4	821
G284055	0.58	<0.005		0.4	1.02	56	10	40	3.2	<2	2.11	4.1	24	53	4
G284056	0.88	0.028		<0.2	0.39	143	10	40	3.4	3	0.17	35.9	30	17	14
G284057	0.92	0.007		0.5	0.66	113	10	20	3.8	2	0.14	3.7	12	26	15
G284058	1.54	0.015		0.6	2.09	260	<10	30	3.1	2	0.54	6.2	13	75	17
G284059	0.96	0.008		0.4	2.28	91	<10	20	4.8	<2	0.70	4.1	13	86	5
G284060	1.30	<0.005		0.6	2.16	87	<10	20	2.5	2	0.97	1.9	20	176	3
G284061	1.42	0.007		12.5	0.90	628	10	120	2.4	2	0.06	3.9	<1	17	356
G284062	0.80	0.142		47.9	0.43	1030	10	40	<0.5	2	0.05	4.5	1	14	50
G284063	0.76	0.745		>100	0.24	5440	<10	90	<0.5	3	0.03	130.0	1	17	519
G284064	0.98	1.245		>100	0.25	6960	10	260	<0.5	2	0.02	22.6	1	16	433
G284065	1.02	0.311		66.0	0.33	588	<10	40	<0.5	4	0.04	2.7	1	9	91
G284066	1.32	0.011		5.4	0.83	128	10	130	2.2	4	0.07	4.3	4	14	159
G284067	1.06	0.005		1.3	2.42	31	<10	30	2.1	<2	1.11	1.6	13	92	4
G284068	1.34	<0.005		0.8	0.86	14	<10	90	1.3	4	0.44	1.3	17	36	13
G284069	0.38	<0.005		<0.2	2.36	24	<10	40	5.8	<2	1.18	0.5	24	97	4
G284070	0.40	<0.005		<0.2	2.55	17	<10	60	2.1	<2	1.00	<0.5	20	143	24
G284071	1.56	<0.005		<0.2	2.63	14	<10	80	3.0	2	1.12	1.2	15	161	101
G284072	0.96	<0.005		<0.2	0.91	21	<10	50	0.7	<2	0.78	<0.5	10	45	60
G284073	0.80	0.020		0.5	1.17	46	<10	30	2.7	2	0.82	0.6	17	29	75
G284074	1.42	<0.005		<0.2	2.59	13	<10	20	2.7	<2	1.49	<0.5	9	45	53
G284075	1.02	<0.005		<0.2	1.11	11	<10	20	1.6	3	2.36	<0.5	7	55	66
G284076	0.84	<0.005		1.3	2.06	17	<10	30	2.9	<2	1.12	0.6	4	20	59
G284077	1.64	0.064		6.1	1.86	43	<10	80	2.4	3	0.97	5.6	21	20	97
G284078	0.96	0.230		25.1	0.64	257	10	50	2.8	2	0.49	2.1	26	14	199
G284079	1.14	<0.005		20.5	1.39	38	<10	50	1.2	<2	1.28	22.5	13	95	52
G284080	0.66	0.580		>100	0.21	227	<10	50	1.2	4	1.23	308	11	6	1940



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CERTIFICATE OF ANALYSIS VA09093546

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
		%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
		0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
G284041		6.33	<10	<1	0.60	40	0.06	3940	2	0.02	7	1830	2760	0.60	22	3
G284042		3.95	10	<1	0.26	30	0.84	8930	2	0.01	24	2080	140	0.01	5	4
G284043		4.07	10	1	0.21	50	0.91	2490	<1	0.06	20	2600	316	0.02	10	7
G284044		6.66	10	<1	0.19	20	0.21	1905	1	0.01	8	750	815	0.03	47	3
G284045		1.57	<10	<1	0.34	30	0.14	1080	<1	0.01	9	1870	257	0.01	10	2
G284046		3.22	<10	<1	0.36	30	0.13	3570	1	0.01	12	1900	1430	<0.01	105	3
G284047		0.95	<10	16	0.05	<10	0.01	60	97	<0.01	<1	80	>10000	0.21	4490	<1
G284048		3.69	10	<1	0.22	20	1.41	2550	1	0.04	29	2160	905	0.86	20	6
G284049		1.37	<10	<1	0.18	10	0.01	113	2	0.01	1	520	>10000	4.59	623	1
G284050		6.39	<10	<1	1.05	20	0.06	183	2	0.04	<1	2060	6280	1.71	107	2
G284051		1.98	<10	<1	0.41	10	0.03	141	2	0.01	1	830	6890	0.47	155	1
G284052		3.29	<10	1	0.42	10	0.04	184	5	0.03	2	1330	>10000	1.14	937	2
G284053		3.66	<10	<1	0.43	20	0.12	137	3	0.04	3	1430	910	0.62	18	2
G284054		2.46	<10	1	0.22	10	0.18	410	3	0.01	4	1270	>10000	0.48	278	2
G284055		3.37	<10	<1	0.29	30	0.28	7660	3	0.02	48	2400	148	0.27	2	7
G284056		4.25	<10	<1	0.20	20	0.05	37400	55	0.02	81	780	425	<0.01	6	7
G284057		6.58	<10	<1	0.30	30	0.06	855	6	0.01	49	1510	794	<0.01	<2	8
G284058		6.97	10	<1	0.21	30	0.38	1305	4	0.01	66	1810	673	0.13	2	10
G284059		5.05	<10	<1	0.16	20	0.37	884	<1	0.01	41	2140	211	<0.01	<2	10
G284060		4.52	10	<1	0.05	20	1.97	1290	1	0.05	67	2590	95	<0.01	<2	11
G284061		4.95	<10	1	0.47	20	0.07	145	1	0.03	8	2510	2550	0.52	20	4
G284062		3.31	<10	<1	0.67	10	0.06	197	91	0.02	3	540	4510	1.07	147	1
G284063		3.05	<10	2	0.16	<10	0.04	157	9	0.02	5	540	>10000	0.77	1565	2
G284064		2.98	<10	1	0.28	10	0.02	145	13	0.01	4	500	>10000	1.10	609	1
G284065		1.75	<10	<1	0.25	10	0.03	167	10	0.04	2	900	3820	0.44	126	1
G284066		3.38	<10	<1	0.39	20	0.06	467	<1	0.02	11	1630	712	0.28	11	3
G284067		4.85	10	<1	0.17	30	1.73	1095	1	0.04	43	2360	63	0.74	3	4
G284068		3.70	<10	1	0.20	20	0.30	1140	2	0.01	30	1930	99	0.98	4	3
G284069		4.58	10	1	0.29	30	0.67	1375	1	0.01	75	2540	27	0.47	<2	7
G284070		3.36	10	<1	0.30	20	1.33	1705	<1	0.01	52	2680	11	0.05	<2	10
G284071		3.91	10	<1	0.28	20	2.60	1250	<1	0.06	84	2490	11	0.22	<2	7
G284072		3.77	10	<1	0.31	20	0.64	626	<1	0.09	27	2110	24	<0.01	2	4
G284073		4.50	<10	<1	0.22	30	0.18	9610	2	0.02	31	2230	40	<0.01	11	6
G284074		3.20	10	<1	0.23	30	0.61	2080	1	0.02	23	2150	12	<0.01	2	7
G284075		4.12	10	1	0.11	30	0.26	836	1	0.06	22	2170	21	<0.01	<2	8
G284076		1.71	10	1	0.24	30	0.55	1040	1	0.01	11	1960	70	<0.01	2	4
G284077		2.71	10	<1	0.16	30	0.36	19100	3	0.01	26	1920	131	<0.01	10	5
G284078		3.48	<10	1	0.29	30	0.08	5070	6	0.01	15	2150	336	<0.01	69	4
G284079		3.26	10	<1	0.93	20	1.27	11950	1	0.05	94	2680	660	0.04	11	4
G284080		2.21	<10	<1	0.10	<10	0.17	36900	1	0.01	43	370	>10000	5.83	1465	1



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CERTIFICATE OF ANALYSIS VA09093546

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Zn-OG46	Ag-GRA21	Cu-OG46	Pb-OG46	Pb-VOL70
		Sr	Th	Ti	Ti	U	V	W	Zn	Ag	Zn	Ag	Cu	Pb	Pb
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%	%	%
		1	20	0.01	10	10	1	10	2	1	0.001	5	0.001	0.001	0.01
G284041		92	<20	<0.01	<10	10	31	10	996						
G284042		58	<20	0.01	10	<10	60	20	4220						
G284043		166	<20	0.20	<10	<10	80	30	5630						
G284044		50	<20	0.02	<10	10	50	70	2130						
G284045		41	<20	<0.01	<10	<10	21	10	3270						
G284046		38	<20	0.01	<10	10	35	<10	>10000		1.440				
G284047		18	<20	<0.01	<10	20	6	<10	272	>1500		1960		>20.0	28.31
G284048		33	<20	0.05	<10	<10	90	<10	1110						
G284049		68	<20	<0.01	<10	<10	4	<10	436	613				>20.0	28.94
G284050		87	<20	<0.01	<10	<10	15	<10	761						
G284051		25	<20	<0.01	<10	<10	9	<10	395						
G284052		85	<20	<0.01	<10	<10	12	<10	727	332				3.59	
G284053		50	<20	0.01	<10	<10	31	<10	549						
G284054		62	<20	<0.01	<10	<10	23	<10	1190					2.07	
G284055		46	<20	0.01	10	<10	43	<10	765						
G284056		200	<20	<0.01	30	20	24	10	2070						
G284057		28	<20	<0.01	<10	10	25	10	1540						
G284058		136	<20	<0.01	<10	10	80	10	1250						
G284059		25	<20	<0.01	<10	10	61	<10	1370						
G284060		29	<20	0.01	<10	<10	111	<10	446						
G284061		54	<20	<0.01	<10	<10	25	<10	814						
G284062		14	<20	<0.01	<10	<10	13	<10	99						
G284063		9	<20	0.01	<10	<10	9	190	677	150				1.635	
G284064		16	<20	<0.01	<10	<10	10	20	355	312				1.455	
G284065		19	<20	<0.01	<10	<10	9	<10	181						
G284066		45	<20	<0.01	<10	<10	20	<10	812						
G284067		32	<20	0.01	<10	<10	88	<10	421						
G284068		24	<20	<0.01	<10	<10	45	<10	240						
G284069		25	<20	0.01	<10	<10	76	<10	223						
G284070		24	<20	0.02	<10	<10	93	<10	149						
G284071		42	<20	0.18	<10	<10	116	<10	305						
G284072		41	<20	0.21	<10	<10	118	<10	50						
G284073		140	<20	0.01	10	<10	58	10	119						
G284074		93	<20	0.02	<10	<10	97	<10	72						
G284075		52	<20	0.06	<10	<10	115	<10	103						
G284076		46	20	0.02	<10	<10	53	<10	172						
G284077		313	<20	<0.01	10	10	50	<10	493						
G284078		52	<20	0.01	<10	<10	24	<10	591						
G284079		62	<20	0.16	10	<10	79	20	3650						
G284080		186	<20	<0.01	30	20	5	30	>10000	>1500	4.00	2810		>20.0	30.36



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Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg	Au-AA23 Au ppm	Au-AA23 Au Check ppm	ME-ICP41 Ag ppm	ME-ICP41 Al %	ME-ICP41 As ppm	ME-ICP41 B ppm	ME-ICP41 Ba ppm	ME-ICP41 Be ppm	ME-ICP41 Bi ppm	ME-ICP41 Ca %	ME-ICP41 Cd ppm	ME-ICP41 Co ppm	ME-ICP41 Cr ppm	ME-ICP41 Cu ppm
		0.02	0.005	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1
G284081		0.32	0.009		30.2	0.71	83	10	40	2.0	4	1.37	43.3	20	35	130
G284082		1.72	0.018		15.8	2.14	50	<10	50	3.0	2	4.15	9.4	21	149	169
G284083		1.08	0.260		>100	0.03	27	<10	<10	0.5	<2	0.65	297	7	1	246
G284084		1.06	0.005		4.9	2.00	14	<10	70	1.1	<2	1.49	1.1	20	184	122
G284085		1.22	<0.005		0.4	1.54	26	<10	30	2.0	<2	1.54	0.9	6	120	19
G284086		0.52	<0.005		0.6	1.86	64	<10	10	3.5	<2	1.12	<0.5	15	86	6
G284087		0.62	<0.005		0.3	1.83	50	<10	20	2.2	2	2.07	<0.5	14	148	18
G284088		0.90	0.009		0.5	1.98	86	<10	80	3.8	3	3.20	0.6	17	110	53
G284089		2.26	0.017		0.9	1.72	61	<10	30	3.2	2	1.12	2.9	18	73	103
G284090		0.96	0.010		0.8	1.91	43	<10	30	2.4	2	0.91	2.8	17	129	75
G284091		2.00	0.008		2.3	0.69	121	10	170	1.5	3	0.64	3.5	21	43	33
G284092		0.56	0.024		8.9	0.58	181	<10	40	1.4	12	0.09	0.9	8	20	262
G284093		0.54	0.037		>100	0.30	391	<10	110	1.2	7	0.05	29.5	23	7	2530
G284094		0.44	0.023		8.0	1.07	160	<10	110	3.7	5	0.16	0.9	10	30	177
G284095		1.30	0.005		1.0	1.94	96	<10	480	3.6	<2	0.68	13.3	50	108	145
G284096		2.60	0.006		0.6	1.93	62	<10	60	1.5	<2	0.53	0.5	8	147	13
G284097		0.32	0.009		0.2	1.41	104	<10	160	1.1	15	0.31	<0.5	3	137	10
G284098		1.36	<0.005		0.3	2.07	35	<10	40	1.4	3	0.67	<0.5	12	158	7
G284099		2.06	<0.005		0.2	1.70	11	<10	50	1.9	<2	2.72	7.6	18	146	55
G284100		0.48	0.006		>100	1.66	32	<10	160	3.1	6	1.69	21.0	15	98	399
G284101		1.22	0.078		>100	0.13	78	<10	50	0.5	24	2.35	82.2	3	6	1880
G284102		0.42	0.049		>100	0.47	61	<10	260	1.2	4	0.34	54.6	8	13	869
G284103		0.74	<0.005		>100	0.36	65	10	320	0.8	<2	0.30	24.6	3	16	805
G284104		0.64	<0.005		0.4	1.10	16	10	60	2.9	3	2.47	25.3	14	82	17
G284105		0.94	0.091	0.091	>100	0.01	107	<10	10	<0.5	74	0.01	167.5	<1	1	2580
G284106		0.74	0.013		17.3	0.60	77	10	70	1.5	7	0.54	34.4	15	28	2980
G284107		0.74	0.237	0.322	>100	0.72	55	<10	30	1.2	413	0.11	5.7	7	19	5850
G284108		1.68	0.695	0.706	>100	0.07	1250	<10	70	0.7	231	0.02	346	1	1	>10000
G284109		0.48	0.033		14.2	0.92	63	10	150	2.0	20	0.15	7.0	11	30	2830
G284110		0.92	0.174		45.8	0.65	137	<10	80	2.1	22	0.16	17.8	10	27	2720

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Finalized Date: 17-SEP-2009

Account: F

Project: Prospector Mountain

CERTIFICATE OF ANALYSIS VA09093546

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc
		%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm
		0.01	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1
G284081		2.84	10	<1	0.43	20	0.30	43800	1	0.03	61	2700	2350	0.26	36	7
G284082		3.27	10	<1	0.44	20	1.42	13600	2	0.02	126	2550	1500	0.27	14	7
G284083		0.25	<10	1	0.01	<10	0.02	5280	<1	0.01	5	30	>10000	>10.0	1015	<1
G284084		3.95	10	<1	1.17	20	2.23	1100	2	0.08	122	2810	1575	0.20	<2	5
G284085		3.82	10	<1	0.08	20	1.29	931	1	0.06	50	2700	83	<0.01	<2	5
G284086		2.80	10	<1	0.04	30	0.78	1025	2	0.02	37	2720	187	<0.01	<2	7
G284087		3.77	10	<1	0.06	30	1.22	938	4	0.05	48	2940	43	0.21	<2	10
G284088		4.03	10	<1	0.05	30	0.79	1960	2	0.03	42	2550	71	0.04	<2	9
G284089		3.42	10	<1	0.06	40	0.66	2710	2	0.02	40	2550	144	<0.01	8	6
G284090		4.10	10	<1	0.08	20	1.31	3620	3	0.03	51	2700	119	<0.01	3	8
G284091		4.39	<10	<1	0.29	20	0.11	10350	2	0.01	55	2280	1060	1.02	3	5
G284092		4.20	<10	<1	0.20	20	0.04	2210	9	0.02	25	1190	6640	0.19	86	2
G284093		4.25	10	<1	0.10	<10	<0.01	40300	14	0.01	35	310	>10000	1.23	1150	2
G284094		3.87	<10	<1	0.35	40	0.10	1270	9	0.02	21	1500	3360	0.42	27	5
G284095		3.13	10	1	0.12	30	0.31	16000	2	0.01	73	2890	403	0.08	9	10
G284096		3.37	10	<1	0.14	30	1.44	791	3	0.05	35	2620	79	0.25	<2	6
G284097		8.82	10	<1	0.60	20	1.21	311	3	0.21	12	2500	80	1.91	<2	6
G284098		3.86	10	<1	0.08	30	2.01	761	3	0.05	42	2610	42	0.17	<2	7
G284099		3.95	10	<1	0.09	20	1.85	1105	1	0.06	52	2670	93	0.04	6	8
G284100		3.67	10	<1	0.14	20	0.37	6970	3	0.02	50	2310	>10000	0.55	239	9
G284101		1.08	<10	<1	0.06	<10	0.04	7740	6	0.01	8	170	>10000	5.90	1295	1
G284102		1.86	<10	<1	0.23	20	0.04	13800	2	0.01	10	1390	>10000	1.36	624	2
G284103		1.41	<10	<1	0.20	10	0.04	5970	6	0.01	3	880	>10000	0.48	535	1
G284104		3.90	10	<1	0.29	30	0.66	9460	1	0.02	39	2640	315	0.07	10	10
G284105		0.14	<10	1	<0.01	<10	<0.01	84	<1	0.01	<1	10	>10000	>10.0	2870	<1
G284106		5.38	<10	<1	0.30	20	0.25	6530	3	0.02	28	2490	3080	0.89	12	5
G284107		6.31	<10	<1	0.15	10	0.09	874	9	0.02	10	670	>10000	0.58	198	2
G284108		4.23	<10	15	0.01	<10	<0.01	6240	1	0.01	1	20	>10000	3.27	>10000	1
G284109		10.85	<10	1	0.65	10	0.11	1000	1	0.03	16	2110	2780	1.09	67	5
G284110		6.36	<10	<1	0.32	20	0.08	1675	5	0.03	14	2000	6580	0.69	241	4



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Finalized Date: 17-SEP-2009

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Project: Prospector Mountain

CERTIFICATE OF ANALYSIS VA09093546

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Zn-OG46	Ag-GRA21	Cu-OG46	Pb-OG46	Pb-VOL70
		Sr	Th	Ti	Ti	U	V	W	Zn	Ag	Zn	Ag	Cu	Pb	Pb
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	%	%	%
		1	20	0.01	10	10	1	10	2	1	0.001	5	0.001	0.001	0.01
G284081		145	<20	<0.01	30	20	21	30	5470						
G284082		131	<20	0.06	<10	<10	82	<10	1815						
G284083		18	<20	<0.01	<10	<10	1	20	>10000	1450	4.10			>20.0	74.42
G284084		64	<20	0.30	<10	<10	134	<10	305						
G284085		48	<20	0.13	<10	<10	96	<10	167						
G284086		28	<20	<0.01	<10	<10	67	<10	69						
G284087		58	<20	0.03	<10	<10	112	<10	86						
G284088		68	<20	0.01	<10	<10	89	<10	91						
G284089		36	<20	<0.01	<10	<10	59	<10	553						
G284090		41	<20	0.09	<10	<10	102	<10	568						
G284091		26	<20	<0.01	<10	<10	29	<10	542						
G284092		26	<20	<0.01	<10	<10	15	<10	579						
G284093		56	<20	<0.01	10	10	7	<10	2220	101				4.68	
G284094		155	<20	<0.01	<10	<10	23	<10	644						
G284095		85	<20	<0.01	10	10	79	<10	833						
G284096		30	<20	<0.01	<10	<10	81	<10	205						
G284097		88	<20	<0.01	<10	<10	87	<10	119						
G284098		40	<20	<0.01	<10	<10	106	<10	136						
G284099		97	<20	0.14	<10	<10	100	<10	1265						
G284100		56	<20	<0.01	<10	<10	75	10	2370	93				3.93	
G284101		73	<20	<0.01	<10	<10	4	10	4550	696				19.55	
G284102		48	<20	<0.01	10	<10	11	10	3000	290				12.55	
G284103		28	<20	<0.01	<10	<10	8	<10	1220	101				1.420	
G284104		92	<20	0.05	<10	10	63	10	2710						
G284105		4	<20	<0.01	<10	<10	<1	20	>10000	1370	0.970			>20.0	78.04
G284106		29	<20	<0.01	<10	<10	22	<10	1840						
G284107		18	<20	<0.01	<10	10	38	10	1205	178				2.27	
G284108		17	<20	<0.01	<10	<10	4	10	1375	>1500		1840	3.46	>20.0	28.78
G284109		50	<20	<0.01	<10	10	40	10	1565						
G284110		37	<20	<0.01	<10	<10	31	30	950						



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Finalized Date: 29-JUL-2009
Account: F

CERTIFICATE VA09073356

Project: PROSPECTOR MTN.

P.O. No.:

This report is for 35 Rock samples submitted to our lab in Vancouver, BC, Canada on 20-JUL-2009.

The following have access to data associated with this certificate:

AL ARCHER
VANCOUVER OFFICE

DOUG EATON
BILL WENGZYNOWSKI

JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um
CRU-QC	Crushing QC Test

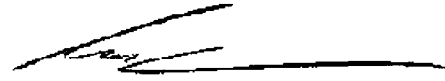
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Cu-OG46	Ore Grade Cu - Aqua Regia	VARIABLE
Pb-OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Pb-VOL70	Pb by Titration	
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Ag-OG46	Ore Grade Ag - Aqua Regia	VARIABLE
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:


Colin Ramshaw, Vancouver Laboratory Manager

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CERTIFICATE OF ANALYSIS VA09073356

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	Au-GRA21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt.	Au	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu
		kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
		0.02	0.005	0.05	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1
H884001		0.08	0.009		0.6	0.42	26	10	140	<0.5	6	0.08	<0.5	5	18	18
H884002		0.72	0.138		2.0	0.20	125	20	40	0.9	208	0.04	0.6	26	12	91
H884003		0.88	0.092		0.5	0.47	174	<10	50	0.5	2	0.03	1.0	2	11	6
H884004		0.64	<0.005		0.8	0.46	32	20	40	0.9	44	0.25	<0.5	2	19	16
H884005		1.46	3.10		>100	0.36	609	<10	50	0.6	26	0.01	2.4	<1	6	409
H884006		0.90	1.100		>100	0.28	593	<10	50	<0.5	15	0.01	5.0	1	5	393
H884007		1.40	0.275		3.0	0.42	17	40	40	0.7	3	0.12	<0.5	45	8	9
H884008		1.56	0.033		22.4	0.81	8	10	50	1.5	200	0.57	0.6	9	15	2190
H884009		0.56	0.092		3.1	0.84	49	<10	60	8.0	6	0.27	1.4	9	<1	60
H884010		0.76	0.056		0.5	0.47	47	<10	10	2.2	3	0.05	<0.5	4	3	13
H884011		0.42	>10.0	18.50	31.2	0.36	753	<10	20	1.3	609	0.03	0.7	24	14	4410
H884012		1.08	>10.0	27.6	>100	0.47	244	<10	110	3.9	5600	0.04	0.8	27	5	>10000
H884013		0.94	0.066		1.2	0.26	40	<10	40	<0.5	19	0.01	<0.5	1	8	113
H884014		0.62	0.048		4.1	0.68	192	<10	160	0.5	48	0.18	0.6	7	14	165
H884015		0.28	0.019		2.9	0.35	45	<10	70	1.1	3	0.01	<0.5	<1	2	103
H884016		1.32	0.007		0.9	0.35	4	30	60	<0.5	10	0.01	<0.5	<1	6	11
H884017		1.74	<0.005		0.3	0.39	5	10	110	<0.5	2	0.13	<0.5	1	5	6
H884018		0.66	4.06		>100	0.34	1015	<10	10	1.0	86	0.04	15.2	1	6	571
H884019		0.20	1.390		>100	0.31	>10000	<10	20	0.5	5	<0.01	22.9	<1	3	219
H884020		0.30	0.305		19.3	0.39	1570	<10	70	1.5	24	0.04	67.1	18	2	305
H884021		0.20	0.102		8.8	0.41	669	<10	40	0.6	<2	0.02	1.5	<1	4	14
H884022		0.66	0.155		19.4	0.45	509	<10	20	0.5	8	0.14	21.1	5	7	382
H884023		1.26	0.096		5.4	0.36	139	<10	20	0.5	<2	0.06	0.8	1	3	44
H884024		1.46	1.035		8.6	0.68	200	<10	30	1.0	<2	2.21	2.1	1	1	239
H884025		1.02	2.03		>100	0.29	111	<10	40	0.6	93	0.04	2.7	1	3	439
H884026		1.08	0.816		18.7	0.80	141	<10	50	1.3	3	0.10	2.9	<1	3	1375
H884027		1.26	7.12		58.4	0.41	132	<10	80	<0.5	4	0.06	1.8	1	4	434
H884028		1.80	1.255		66.5	0.50	118	<10	10	2.1	6	0.08	11.8	1	3	1890
H884029		2.02	3.05		>100	0.33	173	<10	30	1.0	7	0.04	12.5	1	2	1600
H884030		2.64	>10.0	17.35	>100	0.25	9020	<10	60	<0.5	21	0.01	52.2	1	4	1635
H884031		1.64	0.210		41.1	0.57	1695	<10	180	0.9	3	0.04	5.0	<1	2	180
H884032		1.76	0.701		>100	0.52	6410	<10	110	0.8	10	0.03	9.0	1	3	448
H884033		1.82	0.604		>100	0.69	3880	<10	210	0.9	25	0.04	23.4	1	3	316
H884034		1.14	0.187		>100	0.59	1815	<10	200	1.1	15	0.04	7.2	1	2	562
H884035		1.14	1.850		>100	0.38	4150	<10	40	2.2	37	0.02	22.6	11	<1	1895



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CERTIFICATE OF ANALYSIS VA09073356

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Cu-OG46	Pb-OG46	Pb-VOL70
		Sr	Th	Ti	Ti	U	V	W	Zn	Ag	Cu	Pb	Pb
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	%	%
		1	20	0.01	10	10	1	10	2	1	0.001	0.001	0.01
H884001		28	<20	0.01	<10	<10	8	<10	38				
H884002		14	<20	<0.01	<10	20	33	<10	106				
H884003		10	<20	<0.01	<10	20	6	<10	119				
H884004		12	<20	0.04	<10	<10	39	50	44				
H884005		6	<20	<0.01	<10	20	8	20	150	206			
H884006		4	<20	<0.01	<10	10	5	<10	237	217			
H884007		7	20	0.03	<10	10	22	20	17				
H884008		10	20	<0.01	<10	10	37	<10	95				
H884009		489	<20	<0.01	<10	60	104	<10	208				
H884010		9	<20	<0.01	<10	30	19	20	65				
H884011		28	<20	<0.01	<10	60	67	70	65				
H884012		265	<20	0.01	<10	20	43	130	164	182	1.365		
H884013		6	<20	<0.01	<10	<10	5	<10	9				
H884014		13	30	0.01	<10	<10	12	<10	122				
H884015		11	<20	0.01	<10	20	26	140	54				
H884016		10	<20	<0.01	<10	<10	2	<10	9				
H884017		12	<20	<0.01	<10	<10	2	<10	25				
H884018		60	<20	<0.01	<10	<10	8	<10	646	161			
H884019		155	20	<0.01	<10	20	5	<10	1405	193		2.77	
H884020		314	<20	0.01	<10	20	16	10	1995				
H884021		18	<20	<0.01	<10	<10	5	<10	250				
H884022		11	<20	<0.01	<10	<10	5	<10	3210				
H884023		75	<20	<0.01	<10	<10	4	<10	474				
H884024		97	<20	<0.01	<10	<10	22	<10	2330				
H884025		70	<20	<0.01	<10	<10	16	<10	1235	104		2.75	
H884026		38	<20	<0.01	<10	<10	41	<10	1525			1.595	
H884027		96	<20	<0.01	<10	<10	14	<10	371			2.77	
H884028		29	<20	<0.01	<10	10	20	10	3630			3.53	
H884029		577	<20	<0.01	<10	10	12	<10	2490	557		>20.0	33.84
H884030		91	<20	<0.01	<10	<10	4	<10	814	557		>20.0	24.49
H884031		56	<20	<0.01	<10	<10	12	<10	616				
H884032		29	<20	<0.01	<10	<10	11	<10	444	216		1.175	
H884033		56	<20	<0.01	<10	<10	15	<10	818	233		3.70	
H884034		33	<20	<0.01	<10	<10	15	<10	1140	146		3.79	
H884035		31	<20	<0.01	<10	510	14	10	3770	910		>20.0	28.01



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Finalized Date: 24-JUL-2009
Account: F

CERTIFICATE VA09073355

Project: PROSPECTOR MTN.

P.O. No.:

This report is for 20 Soil samples submitted to our lab in Vancouver, BC, Canada on 20-JUL-2009.

The following have access to data associated with this certificate:

AL ARCHER
VANCOUVER OFFICE

DOUG EATON
BILL WENGZYNOWSKI

JOAN MARIACHER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SCR-41	Screen to -180um and save both

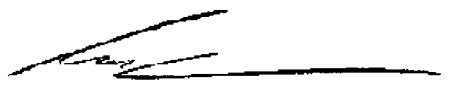
ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:


Colin Ramshaw, Vancouver Laboratory Manager

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[illegible]

APPENDIX III
PETROGRAPHIC REPORT

PETROGRAPHIC REPORT ON 7 SAMPLES FROM PROSPECTOR MOUNTAIN, YUKON

Report for: Bill Wengzynowski
Archer Cathro & Associates (1981) Ltd.
1016 – 510 West Hastings Street
Vancouver, B.C. V6B 1L8 (604) 688-2568

Invoice 100110

Feb. 23, 2010.

SUMMARY:

With the exception of one sample (MAG), these samples are mostly somewhat banded (locally comb or cockade textured, in part vuggy/drusy) veins or vein breccias composed of secondary quartz, significant limonite (both goethite possibly mostly after former sulfides such as pyrite and chalcopyrite, traces of which remain locally, and lepidocrocite or hematite possibly after former magnetite, traces of which remain locally), lesser sericite (likely after feldspar and minor mafics), local tourmaline (schorl), minor malachite, specular hematite, and traces of native gold. Gold occurs as subhedral crystals or blebs up to 150 um in size in three of the samples (H886460, 474, and 475), typically associated with sericite and/or limonite fractures in the quartz but at the margins or near the goethitic limonite aggregates, or in places within these limonite aggregates that may be after pyrite and/or chalcopyrite. The high Au and Cu values are thus easily explained, and Ag may be present with the gold; however, no obvious locus for the high Sb or Bi values was seen. The MAG sample is a slightly clay-/sericite-chlorite altered, weakly porphyritic biotite quartz monzonite cut by a sheeted swarm of thin quartz-magnetite-minor limonite (after pyrite) veinlets. Locally, relict textures seen in the other samples are suggestive that the veins are developed by strong to intense quartz-sericite-magnetite-sulfide alteration of similar original (quartz monzonite) host rocks, as suggested by field relations.

Capsule descriptions are as follows:

H886460: intensely silicified/sericitized, vuggy/chalcedonic quartz veined (originally plutonic?) rock with significant limonite-minor malachite (likely after sulfides, containing traces of gold), minor specular hematite and trace pyrite/chalcopyrite encapsulated in quartz.

H886462: general impression is of quartz-tourmaline-sericite-minor pyrite-specular hematite veins and/or breccia that has been re-brecciated in multiple episodes, with tourmaline becoming less abundant and sericite (or clay-/sericite) and possible chalcedonic quartz becoming more abundant with time, the latter possibly associated with (or merely stained by?) limonite derived by oxidation of pyrite. No gold particles were observed in the surface of the polished section.

H886468A: possibly banded, vuggy/drusy vein of quartz-tourmaline (schorl)-specular hematite-limonite (lepidocrocite?) that could be after former sulfides, since traces of pyrite occur as relics where encapsulated in quartz.

H886468B: appears to represent breccia or vuggy/drusy vein of quartz-tourmaline (schorl)-trace sericite, mineralized with specular hematite-limonite (lepidocrocite?)-trace relict magnetite (hematite is after magnetite, and may be further oxidized to the limonite).

H886474: banded (locally comb-textured) quartz-sericite-limonite-minor malachite, specular hematite, trace pyrite/chalcopyrite, native gold vein.

H886475: quartz-limonite (after sulfides and magnetite?)-sericite-minor specular hematite-malachite-Cu clay?/sericite-trace relict pyrite-native gold vein.

MAG: somewhat porphyritic biotite quartz monzonite cut by sheeted veinlets of quartz-magnetite (slightly oxidized to hematite)-trace limonite (after pyrite), associated with weak alteration to clay?/sericite-chlorite/green biotite.

Detailed petrographic descriptions and photomicrographs are appended (on CD). If you have any questions regarding the petrography, please do not hesitate to contact me.

Craig H.B. Leitch, Ph.D., P. Eng. (250) 653-9158 craig.leitch@gmail.com
492 Isabella Point Road, Salt Spring Island, B.C. Canada V8K 1V4

H886460: INTENSELY SILICIFIED/SERICITIZED, VUGGY/COMB QUARTZ VEINED ROCK
OXIDIZED TO LIMONITE CONTAINING TRACE AU $\pm$ MALACHITE, SPEC. HEMATITE

Hand specimen shows pale greenish grey, strongly altered rock of uncertain derivation with irregular veinlets or breccia matrix of comb-textured, vuggy quartz and variable sulfides (mainly dark brown sphalerite?) plus traces of malachite. The rock is locally slightly magnetic (mainly sulfides), shows no reaction to cold dilute HCl (even when scratched), and no stain for K-feldspar in the etched offcut. Modal mineralogy in polished thin section is approximately:

Quartz (secondary, vein)	45%
Sericite (partly limonite stained)	20%
Limonite (goethite?)	15%
Limonite (lepidocrocite?)	15%
Malachite	2-3%
Specular hematite	1-2%
Pyrite, chalcopryrite	<1%

This sample consists mainly of relatively coarse-grained secondary quartz that is either clear or highly clouded by inclusions of sericite, abundant interstitial sericite, and limonite that appears to be either botryoidal/boxwork-textured goethite, or more highly reflectant, massive pseudomorphs of lepidocrocite (?), both possibly after sulfides, and minor malachite and specular hematite.

Quartz occurs as either 1) clear, coarse euhedral crystals up to 3 mm long with comb or drusy/vuggy texture (locally cockade-textured in smaller, plumose crystals <1 mm long), or 2) cloudy, somewhat finer-grained, subhedral crystals mostly <1.5 mm long that contain abundant fine-grained sericite (subhedral flakes mostly <50 μ m in diameter with random orientations). The latter appear likely to represent the sites of former feldspar (plagioclase?) crystals that have been pseudomorphed by the secondary quartz and sericite, as opposed to the clear crystals which have grown into open space rather than replaced existing rock.

Interstices between quartz crystals, mainly of the latter type, are partly filled with slightly coarser-grained sericite forming subhedral to ragged flakes up to 0.25 mm in size, or locally rosettes or aggregates up to about 1.2 mm across, typically with strong limonite staining (these could represent former sites of mafic minerals in a granitic rock?).

Aggregates of limonite with boxwork texture consist of small (mainly <0.25 mm) cores of almost opaque material, surrounded by areas of bright red-brown, botryoidal material in which individual crystal fibers mostly <35 μ m long are commonly oriented sub-perpendicular to and form the plates of the boxwork, and finally on the outer rim by collomorphic banded mixtures of very fine-grained chalcedonic quartz (radiating aggregates mostly <25 μ m across composed of fibers <15 μ m long) and limonite (granular subhedra mostly <10 μ m in size). They are overgrown by the plumose or clear cockade textured quartz. Aggregates of limonite with mainly euhedral outlines up to almost 5 mm across are very dark red-brown to almost opaque and have higher reflectivity than the other aggregates, possibly suggestive of lepidocrocite, γ -FeOOH. Specular hematite forms bladed euhedra up to 1 mm in diameter encapsulated within quartz, associated with the limonite.

Malachite occurs mainly in small rounded aggregates <0.5 mm across, or locally in aggregates with angular outlines up to 2 mm across that fill interstices between quartz and limonite; in both cases the malachite forms mostly fibrous, commonly radiating crystals <0.2 mm long with faint green pleochroism. In the latter case, relict cores of a sub-microscopic (micron-sized) mineral that is unidentified are rimmed by reaction zones of amorphous limonite.

Traces of pyrite, as minute euhedra <20 μ m in size, and chalcopryrite up to 0.1 mm, occur where encapsulated in quartz. Rare possible native gold (?) occurs as subhedra <80 μ m in size within both types of limonite and in the adjacent thin botryoidal limonite rims, or locally associated with sericite fractures cutting the quartz.

In summary, this represents intensely silicified/sericitized, vuggy/?chalcedonic quartz veined (originally plutonic?) rock with significant limonite-minor malachite (likely after sulfides, containing traces of gold), minor specular hematite and trace pyrite/chalcopryrite encapsulated in quartz.

H886462: BRECCIA: CLASTS OF QUARTZ-TOURMALINE-SERICITE-MINOR PYRITE-HEMATITE IN MATRIX OF LIMONITE-STAINED CLAY?/SERICITE

Hand sample shows pale yellowish-green/grey, brecciated rock composed of angular or sub-angular fragments of quartz or silicified, pyritized rock in a comminuted matrix that is mostly softer than (scratched by) steel. The rock is locally slightly magnetic, but shows no reaction to cold dilute HCl, and no stain for K-feldspar in the etched offcut. Modal mineralogy in polished thin section is approximately:

Quartz (mainly secondary)	55%
Sericite, clay?/sericite	25%
Tourmaline (schorl)	10%
Voids	5%
Pyrite (largely replaced by chalcedonic quartz/sericite?)	2-3%
Limonite (partly after pyrite)	2-3%
Specular hematite (?)	<1%

This breccia consists mainly of small (<1 cm) fragments of secondary (vein?) quartz, lesser sericite, tourmaline and local pyrite (remnants largely replaced by a boxwork of what appears to be sericite and chalcedonic quartz?), in a very fine-grained matrix of sericite, minor tourmaline and limonite. Large voids up to 0.5 cm may be due to original vugs or plucking during section preparation.

The vein (and/or silicified wallrock?) fragments consist mainly of quartz as somewhat irregular, sub- to anhedral crystals rarely over 2 mm in diameter except where in semi-continuous aggregates up to almost 3 mm. The crystals are typically moderately strained (show undulose extinction, minor sub-grain development and suturing of grain boundaries) and contain inclusions of sericite (subhedral flakes mostly <50 μm , locally in radiating aggregates/rosettes up to 0.15 mm) or tourmaline (ragged to euhedral prismatic crystals up to ~1 mm long with dark green to locally khaki-brown pleochroism indicative of schorl, with F:M around 0.8-0.9?). Both sericite and tourmaline are typically concentrated along intergranular boundaries in the quartz aggregates. Locally, minor limonite (red-brown, goethitic?) forming subhedra <35 μm in size, or amorphous stains replacing sericite, occurs in similar intergranular positions. Rarely, relict pyrite occurs as shattered crystals probably originally of 2-3 mm size, but now remnants <0.3 mm, heavily veined by a network of very fine-grained chalcedonic quartz (?) and sericite (?) forming a boxwork-like texture. The minute crystals of presumed quartz are mostly <25 μm long, with length slow/fast character suggestive of chalcedony (?) and are difficult to tell apart from clay?/sericite of similar or finer grain size (mostly <15 μm) that mostly appears to be in microveinlets cutting the chalcedonic quartz (?).

The matrix is extremely fine-grained and stained by limonite making identification difficult, but appears to consist mainly of small (comminuted) fragments of quartz, local tourmaline and rare pyrite, all mostly <0.1 mm in diameter, set in clay?/sericite as randomly oriented subhedral flakes mostly <20 μm in size that are best identified where least stained by amorphous (transported) limonite. It is not clear whether any of the tourmaline is actually intergrown with the matrix rather than merely included within it as clast material. In places limonite is crystalline enough to form nearly opaque aggregates up to 0.4 mm across of sub/euhedra <30 μm in size with strong anisotropic character (probably specular hematite?). Traces of pyrite occur as minute sub/euhedra <40 μm in size, only where encapsulated within quartz shards, or larger euhedra to 0.2 mm rimmed/replaced by limonite. Aggregates <0.2 mm across of specular hematite also occur in the quartz shards.

In summary, the general impression is of quartz-tourmaline-sericite-minor pyrite-specular hematite veins and/or breccia that has been re-brecciated in multiple episodes, with tourmaline becoming less abundant and sericite (or clay?/sericite) and possible chalcedonic quartz becoming more abundant with time, the latter possibly associated with (or merely stained by?) limonite derived by oxidation of pyrite. No gold particles were observed in the surface of the polished section.

H886468A: COARSE, BANDED, VUGGY/DRUSY QUARTZ-TOURMALINE (SCHORL)-SPECULAR HEMATITE/LIMONITE-TRACE RELICT PYRITE VEIN

Hand specimen shows white/black quartz/tourmaline vein or breccia with large, locally drusy vugs up to ~ 1 cm in diameter coated by limonite (possibly representing former limonite after sulfides?) and local coarse bladed specular hematite. The rock is locally weakly magnetic, but shows no reaction to cold dilute HCl, and no stain for K-feldspar in the etched offcut. Modal mineralogy in polished thin section is approximately:

Quartz (secondary)	70%
Tourmaline (schorl)	10%
Voids/vugs	10%
Specular hematite	7%
Limonite (goethite, lepidocrocite?)	2-3%
Pyrite (relict, remnant)	<<1%

This sample consists of vaguely layered/banded-looking, locally strongly vuggy/drusy, coarse-grained secondary (vein?) quartz and lesser tourmaline, specular hematite-minor limonite, with only trace (relict) pyrite.

Quartz forms coarse, bladed euhedral crystals up to about 4 mm long that are generally relatively unstrained (display only minor undulose extinction or sub-grain development, almost no suturing of grain boundaries except where locally recrystallized). The crystals are generally randomly oriented and do not show any preferred orientation along the vague layering. Inclusions of tourmaline and lesser specular hematite are common, both as mostly slender euhedral lath-shaped crystals up to 1 mm long.

Tourmaline forms either fine-grained aggregates of randomly oriented, mainly euhedral felted laths <0.15 mm long (most common), or locally slender prismatic crystals up to 1 mm long with random orientations, typically growing into relatively clear (possibly later?) quartz adjacent to the fine-grained aggregates of tourmaline which tend to be in slightly cloudy quartz. Deep green to almost black pleochroism indicates Fe-rich composition (F:M around 0.9?).

Voids are generally elongated, up to about 0.5 cm long along the layering/banding. They may be due to either original vugs or to plucking during section preparation.

Specular hematite forms euhedral bladed crystals up to 3 mm long, arranged in aggregates up to 0.5 cm across that are typically embedded in or partly surrounded by crystalline limonite (<2 mm aggregates of subhedra mostly <0.2 mm in size) with lower reflectance than the hematite and weaker (but still distinct) anisotropism, possibly suggestive of fairly well crystalline limonite such as lepidocrocite, γFeOOH . It is not clear whether this limonite represents the oxidation of former sulfides, although that is a possibility.

Only traces of pyrite are present, typically where encapsulated in quartz where it forms widely scattered sub/euhedra mostly <50 μm in size. No gold or silver particles could be located in the surface of the polished section.

In summary, this appears to represent possibly banded, vuggy/drusy vein of quartz-tourmaline (schorl)-specular hematite-limonite (lepidocrocite?) that could be after former sulfides, since traces of pyrite occur as relics where encapsulated in quartz.

H886468B: BRECCIA OF COARSE, VUGGY/DRUSY QUARTZ IN MATRIX OF TOURMALINE SERICITE-SPECULAR HEMATITE/LIMONITE-TRACE RELICT MAGNETITE

Hand specimen shows white/black/purplish quartz/tourmaline/hematite vein or vein breccia with small, finely drusy vugs up to 3 mm in size also locally coated by limonite (after former sulfides?) and local bladed specular hematite and limonite mixtures. The rock is weakly magnetic, but shows no reaction to cold dilute HCl, and no stain for K-feldspar in the etched offcut. Modal mineralogy in polished thin section is approximately:

Quartz (secondary)	60%
Tourmaline (schorl)	10%
Voids/vugs	10%
Specular hematite (after magnetite)	10%
Limonite (goethite, lepidocrocite?)	7-8%
Sericite	1-2% <0.1 mm
Magnetite (mostly altered to hematite)	<1%

This sample appears to be a breccia, composed of quartz-rich angular clasts (or locally euhedral single crystals) set in a locally vuggy/drusy, fine-grained matrix of comminuted secondary quartz, lesser tourmaline, specular hematite and minor limonite intergrown in similar fashion to H886468A.

Quartz forms coarse, barrel-shaped euhedral crystals up to about 4 mm long that are generally relatively unstrained (display only minor undulose extinction or sub-grain development, almost no suturing of grain boundaries except where locally recrystallized to areas of plumose sub-crystals mostly <0.1 mm in size). The crystals are generally randomly oriented although in one half of the slide they may be sub-perpendicular to a vague layering. Inclusions of sericite (subhedral flakes mostly <30 μ m but locally in rosettes up to 0.5 mm), tourmaline and lesser specular hematite are common, both of the latter as slender euhedral lath-shaped crystals <0.6 mm long.

Tourmaline forms either fine-grained aggregates up to 6 mm across of randomly oriented, mainly euhedral felted laths <0.15 mm long (most common), or locally slender prismatic crystals up to 1 mm long with random orientations, typically growing into relatively clear quartz clasts (?) adjacent to the fine-grained aggregates of tourmaline in the matrix. Pale khaki-coloured to deep green or almost black pleochroism indicates Fe-rich composition (F:M around 0.9?), although in places the core crystals are pale sea-green (F:M around 0.6-0.7?).

Voids are generally irregular/ovoid in shape, up to about 0.5 cm in diameter, and lined with small euhedral crystals of tourmaline sub-perpendicular to the walls. They may be due to either original vugs or to plucking during section preparation.

Specular hematite forms euhedral bladed crystals mostly <2 mm long, arranged in aggregates up to 0.5 cm across that are typically embedded in or mixed with (surrounded by) crystalline limonite (<2.5 mm aggregates of subhedra mostly <50 μ m in size) with lower reflectance than the hematite and weak anisotropism, possibly suggestive of fairly well crystalline limonite such as lepidocrocite, γ -FeOOH. It is not clear whether this limonite represents the oxidation of the specular hematite or of former sulfides, but the former seems more likely. Hematite contains local corroded remnants of magnetite at the core, suggesting hematite itself is mostly after magnetite.

Neither pyrite nor gold or silver particles could be located in the surface of the polished section.

In summary, this appears to represent breccia or vuggy/drusy vein of quartz-tourmaline (schorl)-trace sericite mineralized with specular hematite-limonite (lepidocrocite?)-trace relict magnetite (hematite is after magnetite, and may be further oxidized to the limonite).

H886474: BANDED QUARTZ-MINOR SERICITE, CLAY?-LIMONITE (AFTER SULFIDES OR MAGNETITE?)-MALACHITE-HEMATITE-TRACE PYRITE/CHALCOPYRITE-GOLD VEIN

Hand specimen shows variegated, pale green, grey, and red-brown rock with vague layered structure (banded vein?). The red-brown colour is mostly due to limonite; green colour is due in part to traces of malachite, but may also be due to sericite (?). The rock is mostly harder than steel, is not magnetic, shows no reaction to cold dilute HCl, and no stain for K-feldspar in the etched offcut.

Modal mineralogy in polished thin section is approximately:

Quartz (secondary, vein?)	60%
Sericite, clay (?)	20%
Limonite	15%
Malachite	2-3%
Specular hematite	1-2%
Pyrite, minor chalcopryite	<1%
Native gold	trace

This sample consists of crudely defined, bands or possible layers alternately rich in quartz (grey in hand specimen), quartz and sericite or locally malachite (pale greenish in hand specimen) and limonite (red-brown in hand specimen).

Quartz forms mostly sub- to locally euhedral crystals up to about 2 mm long that are either crudely oriented sub-perpendicular to the banding ("comb" texture) or are more or less random. The crystals are generally only weakly strained (show only minor undulose extinction, rare sub-grain development or suturing of grain boundaries), the latter only where partly recrystallized near fractures. In some zones the quartz is heavily fractured and apparently replaced (?) by sericite.

Sericite occurs as scaly masses of minute flakes rarely over about 50 μm in diameter, mostly with random orientation and mainly concentrated in intergranular position between the quartz crystals, or along narrow fractures that cut the crystals or run along their boundaries. Malachite forms locally radiating sheafs or rosettes of fibrous crystals mostly <0.1 mm long, with pale green colour in thin section, commonly concentrated along narrow seams <0.2 mm thick, generally parallel to the banding.

Limonite occurs in aggregates with sub- to locally euhedral outlines up to 2 mm across, locally with minute traces of chalcopryite (<10 μm in size) included, suggesting either a) the limonite is after chalcopryite or b) the limonite is after magnetite that contained trace inclusions of chalcopryite. Limonite varies in its reflectivity from similar to that of hematite with moderate anisotropism at the core (could be lepidocrocite?), with patches of slightly lower reflectivity but intense anisotropism (not identified), both as small randomly oriented subhedral crystals <0.1 mm in diameter, to surrounding rims and fractures or boxworks of much lower reflectivity and weaker anisotropism (could be goethite?) mostly as amorphous or microcrystalline, botryoidal masses. In many places, the limonite surrounds or rims cores of either clay?/sericite (randomly oriented minute flakes mostly <15 μm) or malachite (radially oriented fibers <20 μm long). Malachite also commonly occurs along fractures <30 μm thick in the limonite masses.

Specular hematite occurs as euhedral lath- or needle-like crystals mostly <0.5 mm long, typically encapsulated within coarse quartz crystals (and therefore possibly preserved from oxidation)

Traces of pyrite and rare chalcopryite occur only where encapsulated in quartz, where they form sub/euhedral crystals rarely over about 50 μm in diameter.

Native gold occurs as subhedral crystals or irregular blebs mostly <25 μm but locally up to 80 μm in diameter, typically associated either with the margins of limonite aggregates (some possibly after former chalcopryite), or with sericite fractures in the adjacent quartz.

In summary, this appears to be banded (locally comb-textured) quartz-sericite-limonite-minor malachite, specular hematite, trace pyrite/chalcopryite, native gold vein.

H886475: COARSE QUARTZ-LIMONITE (AFTER SULFIDES, MAGNETITE?)-SERICITE-MALACHITE/CU LIMONITE?-TRACE RELICT PYRITE-NATIVE GOLD VEIN

Hand specimen shows pale grey-white to greenish grey (quartz $\pm$ sericite) or dark red-brown (limonite-rich) vein with traces of local bright green botryoidal malachite. Limonite cementing coarse euhedral quartz crystals locally shows massive or boxwork texture suggestive of being after former sulfides and/or magnetite (?). The rock is locally weakly magnetic, but shows no reaction to cold dilute HCl, and no stain for K-feldspar in the etched offcut. Modal mineralogy in polished thin section is approximately:

Quartz (vein, secondary)	55%
Limonite (goethite after sulfides, hematite after magnetite?)	30%
Sericite (mainly limonite stained)	10%
Specular hematite	2-3%
Copper-bearing limonite/clay/sericite (?)	1-2%
Malachite	1%
Pyrite (relict, oxidized)	<1%
Native gold	trace

This sample consists of coarsely crystalline quartz, locally with minor sericite as patches/inclusions, with various textural types of significant interstitial (or cement-like?) limonite plus minor malachite and possible Cu-bearing limonite/clay/sericite (?), likely after relict sulfides and possibly magnetite (?). Gold is associated with limonitic fracturing in quartz.

Quartz forms mostly bladed euhedral to locally subhedral crystals up to almost 5 mm long that are either crudely oriented sub-perpendicular to limonite aggregates they surround (“cockade” texture) or are more or less random. The crystals are generally only weakly strained (show only minor undulose extinction, rare sub-grain development or suturing of grain boundaries), generally only where granulated by later fracturing to form angular shards mostly <0.2 mm long, mixed with sericite and limonite. In some areas the quartz contains abundant inclusions of sericite (could represent replacement of former feldspar crystals?) or, less likely, is replaced (?) by sericite.

Sericite occurs as scaly masses of minute flakes rarely over about 35 μ m in diameter, mostly randomly oriented and interstitial to the quartz crystals or along their boundaries, or as described above included in quartz. Rare patches <0.5 mm of coarser-grained muscovite (subhedra <0.25 mm) may be after former mafic minerals in granitic rock (?). Sericite is commonly stained by limonite.

Limonite occurs mostly in aggregates with euhedral outlines up to 1 cm across, locally with traces of pyrite (<0.2 mm in size) included, indicating at least some the limonite is after pyrite and possibly chalcopyrite (viz. the malachite). However, limonite varies in its reflectivity from relatively low (in aggregates after sulfides) to slightly lower than hematite with moderate anisotropism. The former is bright red-brown and occurs as botryoidal or collomorphic-textured microcrystalline material (likely goethite?). The latter is almost opaque(hematite?); forming randomly oriented subhedral crystals <0.1 mm in diameter, cut by fractures or boxworks of much lower reflectivity and weaker anisotropism (also likely goethite?) mostly as amorphous or microcrystalline, botryoidal masses. Locally, the limonite surrounds cores of malachite (radially oriented fibers <35 μ m long) or green-coloured clay?/sericite (randomly oriented minute flakes mostly <15 μ m), or is plucked out to leave voids. The green clay?/sericite could be Cu-bearing, or is mixed with Cu-bearing limonite (?). Aggregates of greenish similar clay?/sericite/limonite up to 2 mm long are almost opaque.

Specular hematite also occurs as euhedral lath- or needle-like crystals up to 1.5 mm long, typically encapsulated within coarse quartz crystals (and therefore possibly preserved from oxidation)

Traces of pyrite and rare chalcopyrite also occur where encapsulated in quartz, forming sub/euhedral crystals up to 0.2 mm in diameter. Native gold occurs as subhedral crystals or irregular blebs from <25 up to 150 μ m in size, typically associated with limonite or sericite-filled fractures in the quartz, close to the margins of limonite aggregates, or rarely within the limonite aggregates.

In summary, this appears to represent quartz-limonite (after sulfides and magnetite?)-sericite-minor specular hematite-malachite-Cu clay?/sericite-trace relict pyrite-native gold vein.

MAG: BIOTITE QUARTZ MONZONITE VEINED BY QUARTZ-MAGNETITE-TRACE PYRITE-LIMONITE, WEAKLY ALTERED TO CLAY?/SERICITE-CHLORITE/GREEN BIOTITE

Hand specimen shows pinkish-grey, medium-grained, vaguely porphyritic, felsic plutonic rock (quartz monzonite?) cut by sheeted set of closely-spaced parallel quartz-magnetite-bearing fractures mostly <1 mm thick. The rock is strongly magnetic, shows no reaction to cold dilute HCl, and significant stain for K-feldspar in the etched offcut. Modal mineralogy in polished thin section is approximately:

K-feldspar	35%
Plagioclase (slightly sericitized)	30%
Quartz (secondary, veinlet)	15%
(primary)	10%
Magnetite (slightly oxidized to hematite)	~5%
Biotite (partly chloritized)	3%
Sericite, clay?/sericite (after feldspars)	1-2%
Chlorite/green biotite	<1%
Hematite (after magnetite)	<1%
Limonite (after pyrite, trace of which remains)	<1%

This sample consists of hypidiomorphic-granular textured Kspar-plagioclase (slightly sericitized)-lesser quartz-accessory biotite cut by a sheeted swarm of sub-parallel, quartz-magnetite veins.

K-feldspar forms mainly sub- to locally euhedral crystals or aggregates with subhedral, somewhat corroded outlines up to 4 or rarely 5 mm long, imparting the slightly porphyritic or Kspar megacrystic texture to the sample. The Kspar is generally incipiently to partly clouded by minute particles of clay? or clay?/sericite, mostly <2-3 μm in diameter, or locally slightly altered to chlorite or green biotite as subhedral flakes <30 μm (near limonite or magnetite). The distribution of clay or clay?/sericite suggests it pseudomorphs former plagioclase inclusions in (perthitic) Kspar.

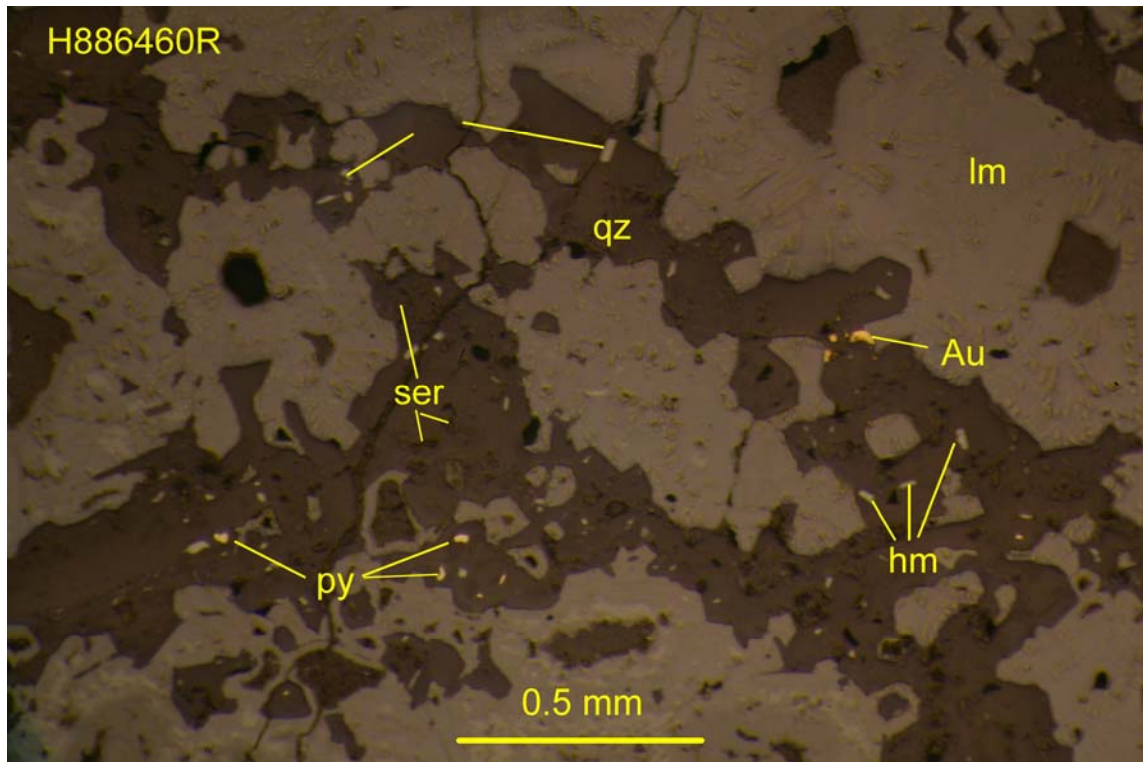
Plagioclase forms mainly euhedral crystals up to about 3 mm long, locally with corroded margins replaced by rims of K-feldspar up to 0.5 mm thick, and typically incipiently to locally partly clouded by very fine clay? or clay?-sericite as flakes <5 μm or up to 45 μm respectively (the latter are locally mixed with chlorite/green biotite of similar size). Small extinction angle on 010 (<5 degrees) and slightly negative relief compared to quartz suggests a composition near oligoclase (An₂₀).

Quartz occurs as either sub/euhedral relict primary crystals/aggregates (locally almost porphyritic, up to 2.5 mm across) or as abundant secondary (vein) material forming interlocking sub/anhedra <2 mm in diameter (veinlets are rarely up to 2 mm thick). Both quartz types show mild to moderate fracturing and strain (undulose extinction, only minor sub-grain development, rare sutured grain boundaries). Primary quartz is relatively more strained/fractured along a trend oblique to the sheeted veining. Finer-grained primary quartz mostly <0.15 mm in diameter also occurs with similar sized feldspar in a groundmass between feldspar and quartz phenocrysts.

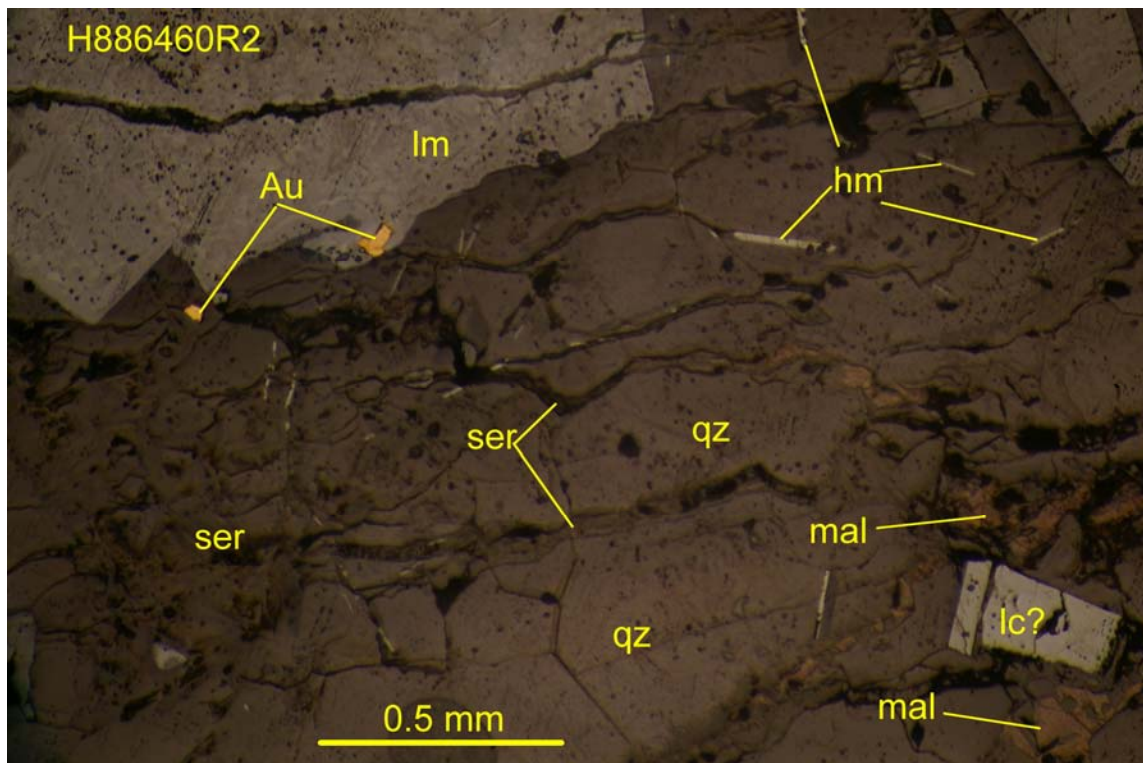
Minor biotite forms ragged subhedral flakes rarely up to 1 mm in size with pale/medium brown pleochroism, interstitial to quartz and feldspars. Biotite is locally partly replaced by pale green chlorite or secondary biotite, and is typically associated with accessory magnetite that may in part be relict primary (does not occur in the veinlets).

Magnetite occurs as granular aggregates up to about 3.5 mm across composed of interlocking sub- to euhedral crystals mostly <1 mm in diameter, locally slightly oxidized to hematite along partings and grain boundaries. Rarely, the magnetite is associated with a little dark red-brown, low reflectance limonite (likely goethite?), mostly after pyrite, traces of which remain as corroded relicts <75 μm in size, within the limonite. Unfortunately, no gold particles were located in the surface of the polished section. Very fine particles could be searched for with SEM (scanning electron microscope) set in backscattered electron mode, looking for bright (high atomic number) particles.

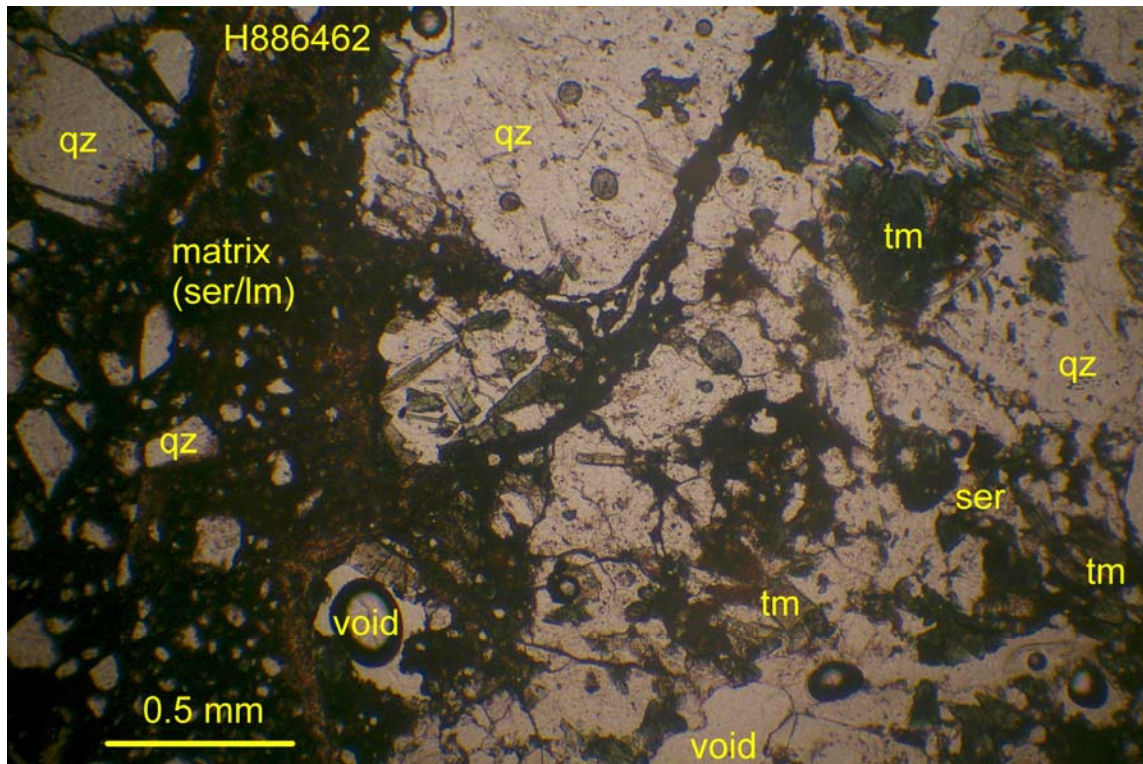
In summary, this is somewhat porphyritic biotite quartz monzonite cut by sheeted veinlets of quartz-magnetite (slightly oxidized to hematite)-trace limonite (after pyrite), associated with weak alteration to clay?/sericite-chlorite/green biotite.



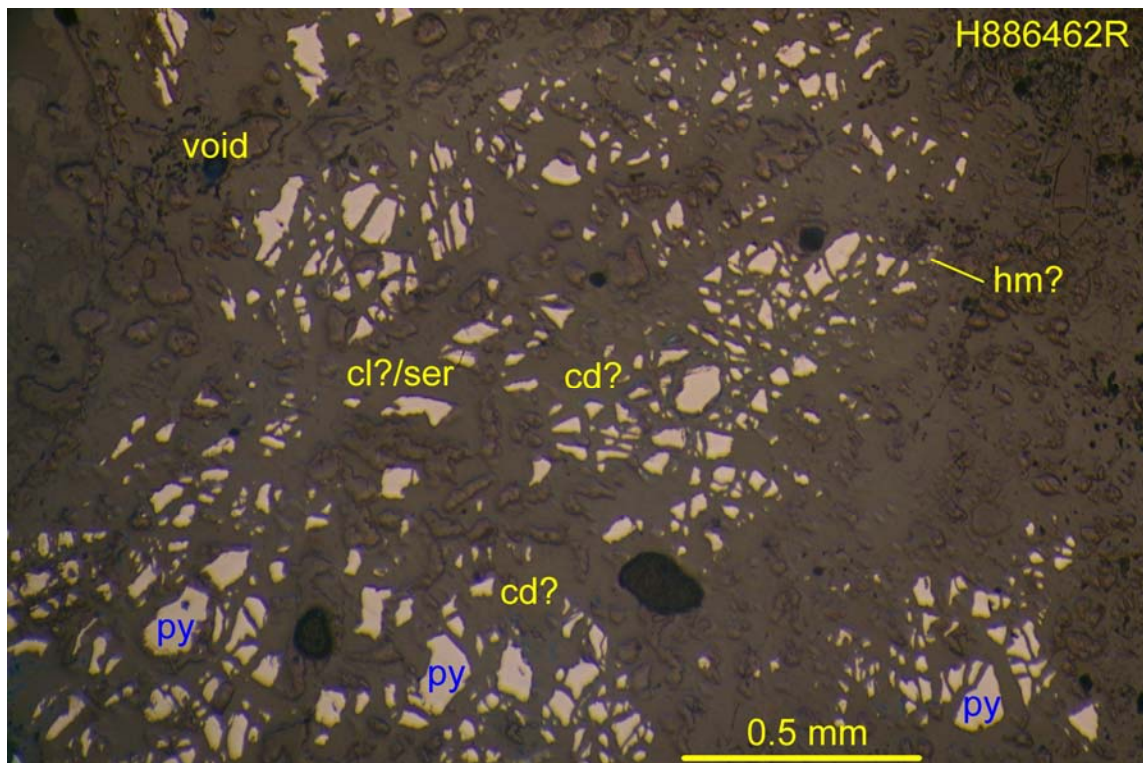
H886460R: Limonite (lm) containing traces of gold (Au) along the rims at contact with secondary quartz (qz) containing minor sericite (ser), specular hematite (hm) and pyrite (py). Pyrite is preserved only where encapsulated within quartz. Reflected light, uncrossed polars, field of view 2.25 mm wide.



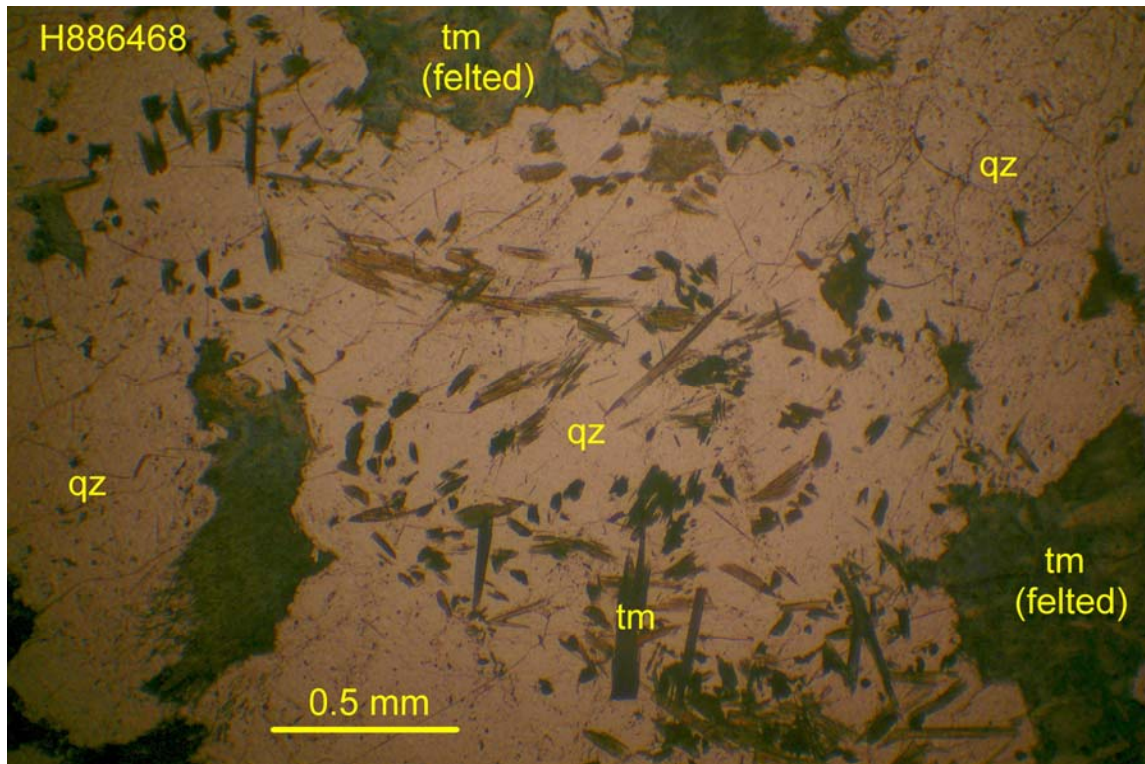
H886460R2: Gold (Au) up to 80 μm in size, associated with margin of limonite (lm) aggregate and possibly with narrow fractures filled with sericite (ser) and malachite (mal) in euhedral secondary quartz (qz) that also contains euhedral flakes of hematite (hm) and aggregates of lepidocrocite? (lc?). Reflected light, uncrossed polars, field of view 2.25 mm wide.



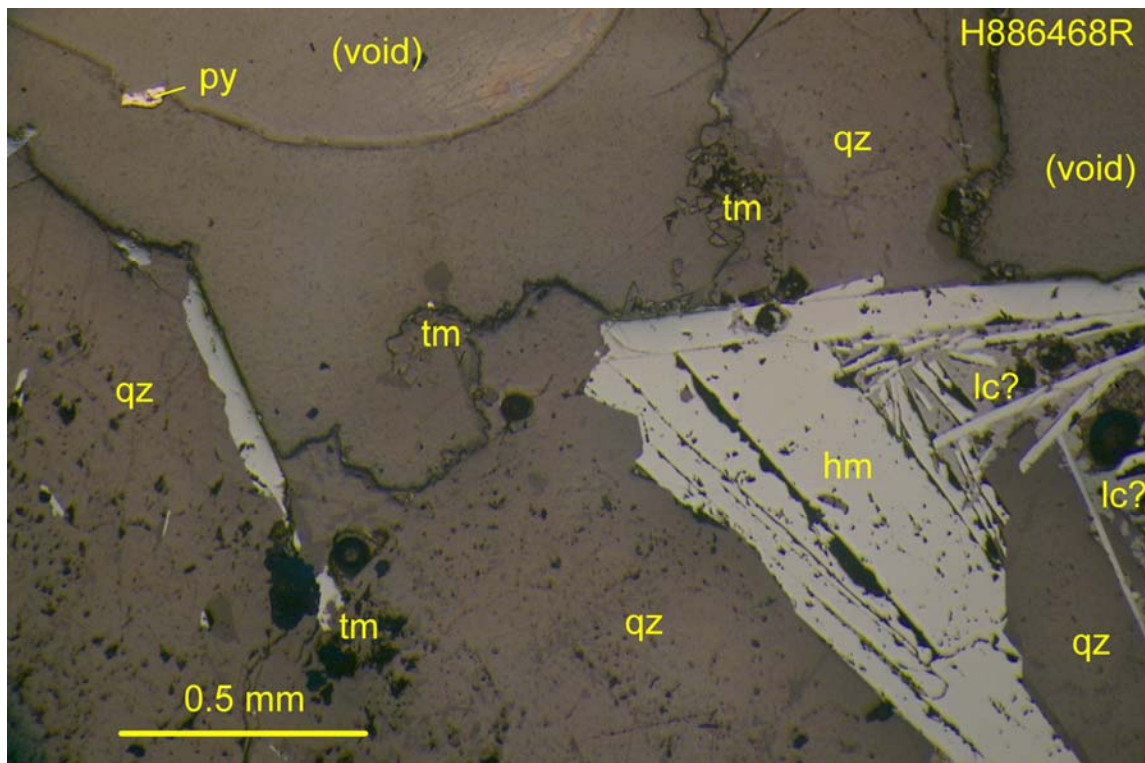
H886462: Strongly fractured quartz (qz) clast containing lesser tourmaline (tm), minor sericite (ser) and limonite (lm), in dark (limonite-stained) matrix of very fine-grained clay?/sericite containing comminuted quartz and local tourmaline shards. Transmitted plane light, field of view 3.0 mm wide.



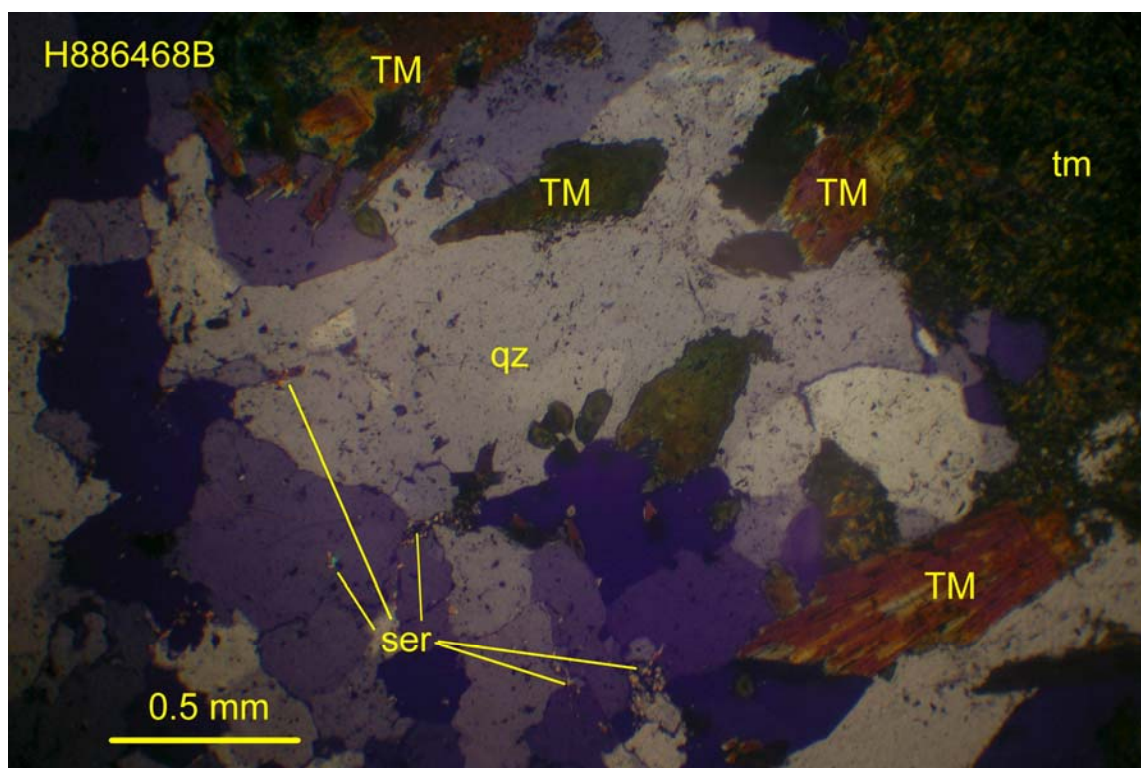
H886462R: Shattered pyrite (py) reduced to angular remnants in boxwork-like matrix of possible chalcedonic quartz (cd?) and clay?/sericite (cl?/ser), partly plucked out to leave voids. Minor specular hematite? (hm) also occurs locally. Reflected light, uncrossed polars, field of view 2.25 mm wide.



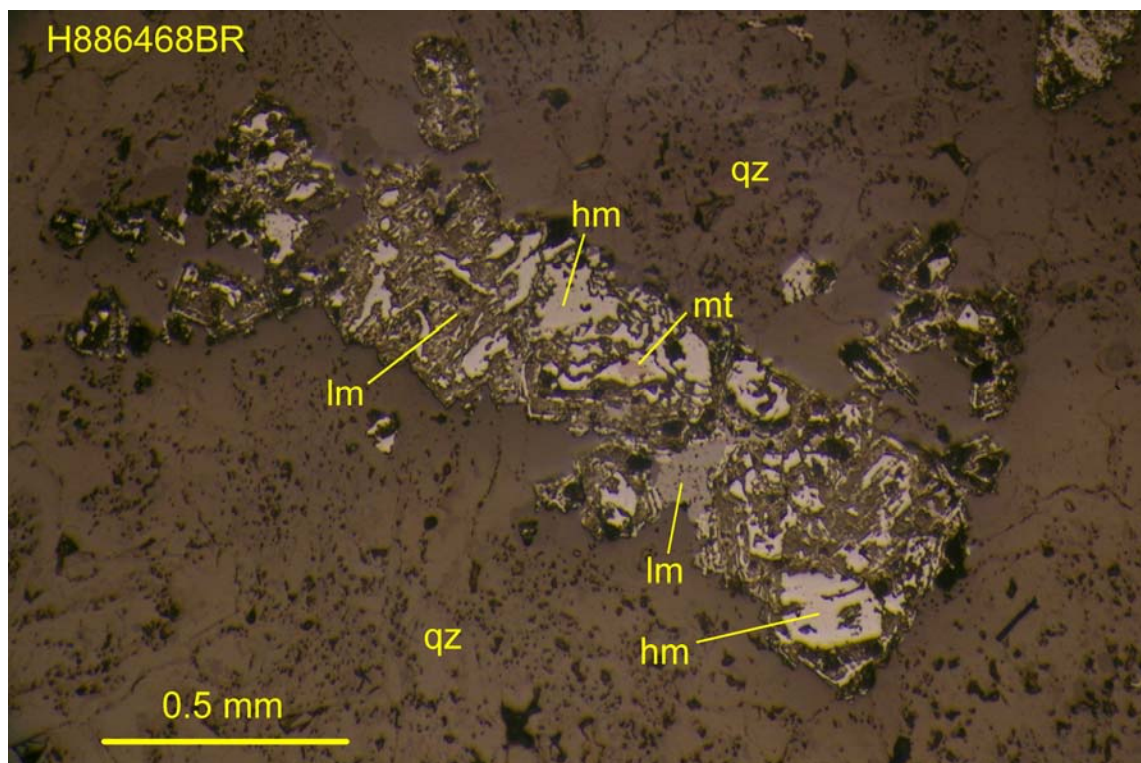
H886468: Possible banded vein of coarse-grained secondary quartz (qz) and lesser fine, felted or locally euhedral acicular tourmaline (tm; dark, schorlitic), the latter growing into relatively clear (later?) quartz. Transmitted plane light, field of view 3.0 mm wide.



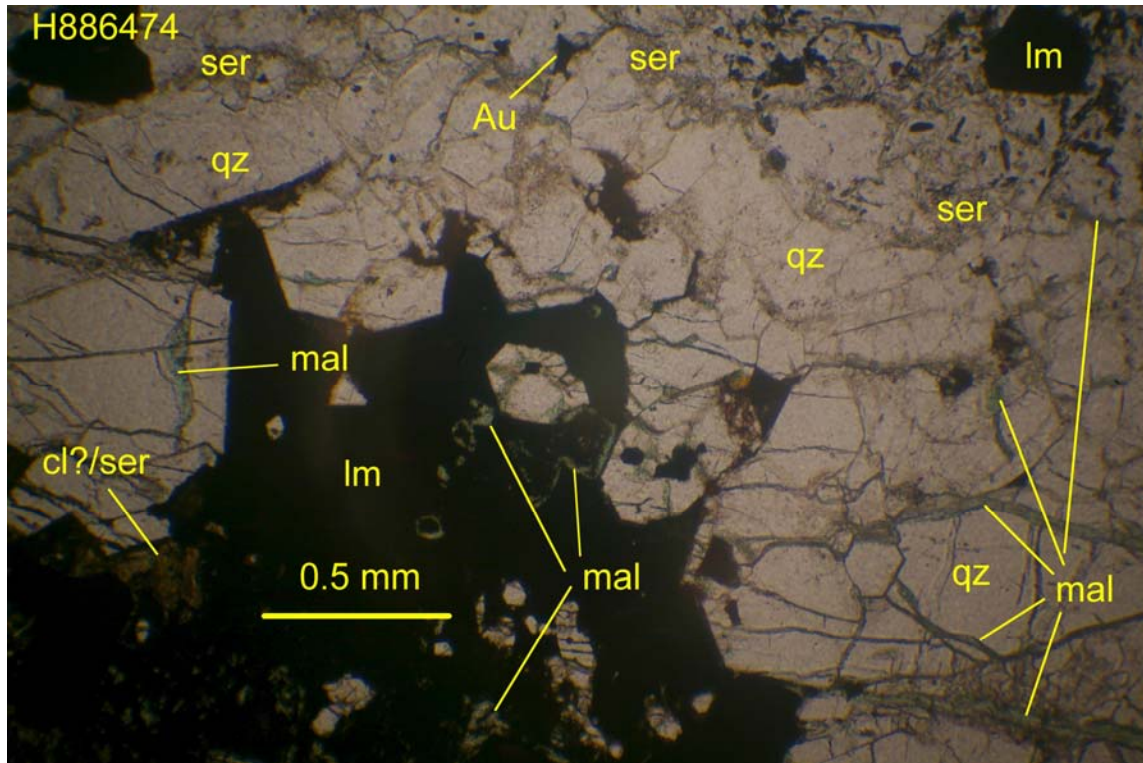
H886468R: Bladed euhedral specular hematite (hm) intergrown with or surrounded by less crystalline limonite (possibly lepidocrocite, lc?) and associated with traces of remnant pyrite (py) now broken off in void space, but originally encapsulated in quartz (qz) and lesser tourmaline (tm). Reflected light, uncrossed polars, field of view 2.25 mm wide.



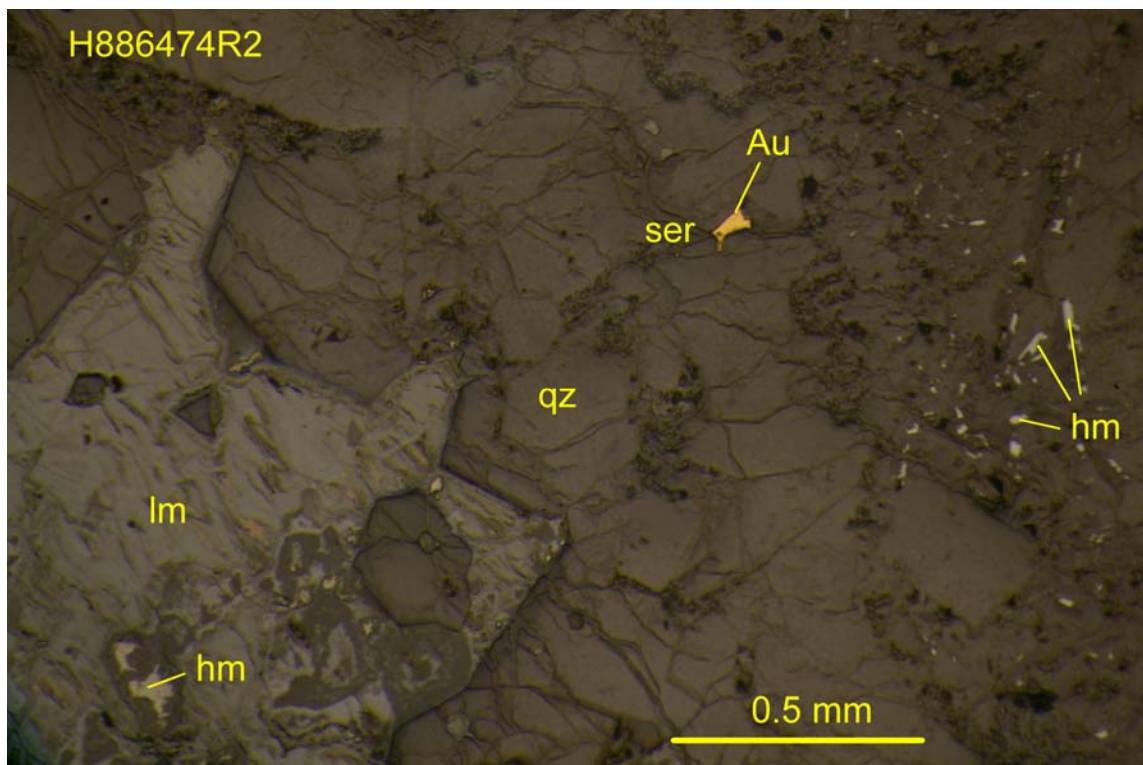
H886468B: Coarsely crystalline secondary quartz (qz) clast (?) with minor included sericite (ser) and coarse tourmaline (TM) crystals growing into it from adjacent fine felted tourmaline (tm) aggregates of the matrix. Transmitted light, crossed polars, field of view 3.0 mm wide.



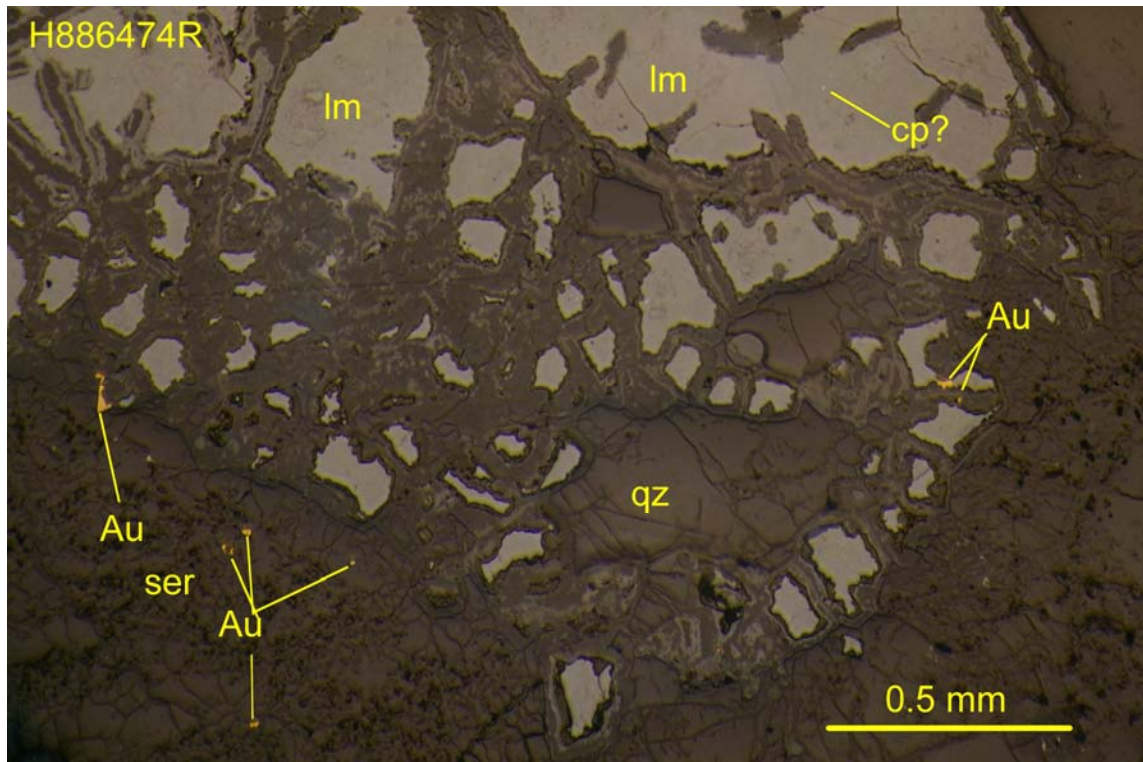
H886468BR: Specular hematite (hm) partly surrounded by limonite (lm), and with traces of corroded relict magnetite (mt) at the core, suggesting the opaque minerals represent oxidized magnetite crystals, in quartz (qz). Reflected light, uncrossed polars, field of view 2.25 mm wide.



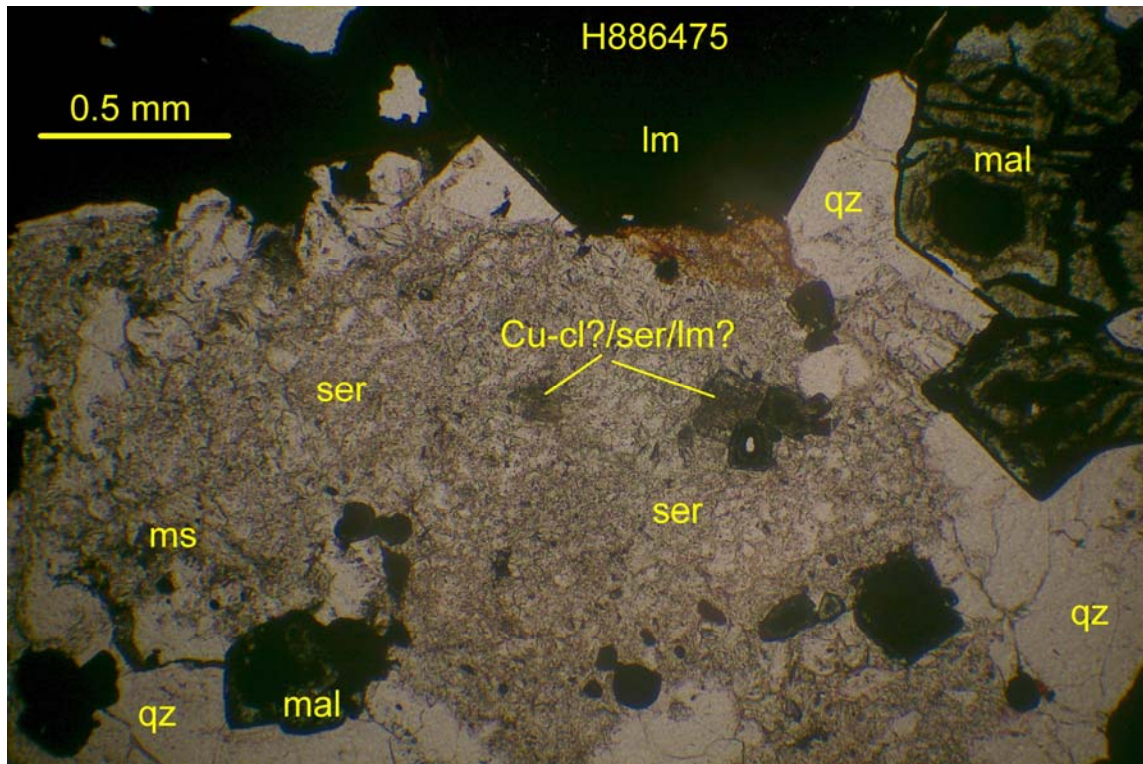
H886474: Area of limonite (lm) possibly after sulfides (?) or magnetite (note cores of clay?/sericite, cl?/ser, or malachite, mal) in and enclosing euhedral crystals of vein quartz (qz). Gold (Au) is associated with interstitial or fracture-controlled sericite (ser); quartz is locally further fractured by malachite. Transmitted plane light, field of view 3.0 mm wide.



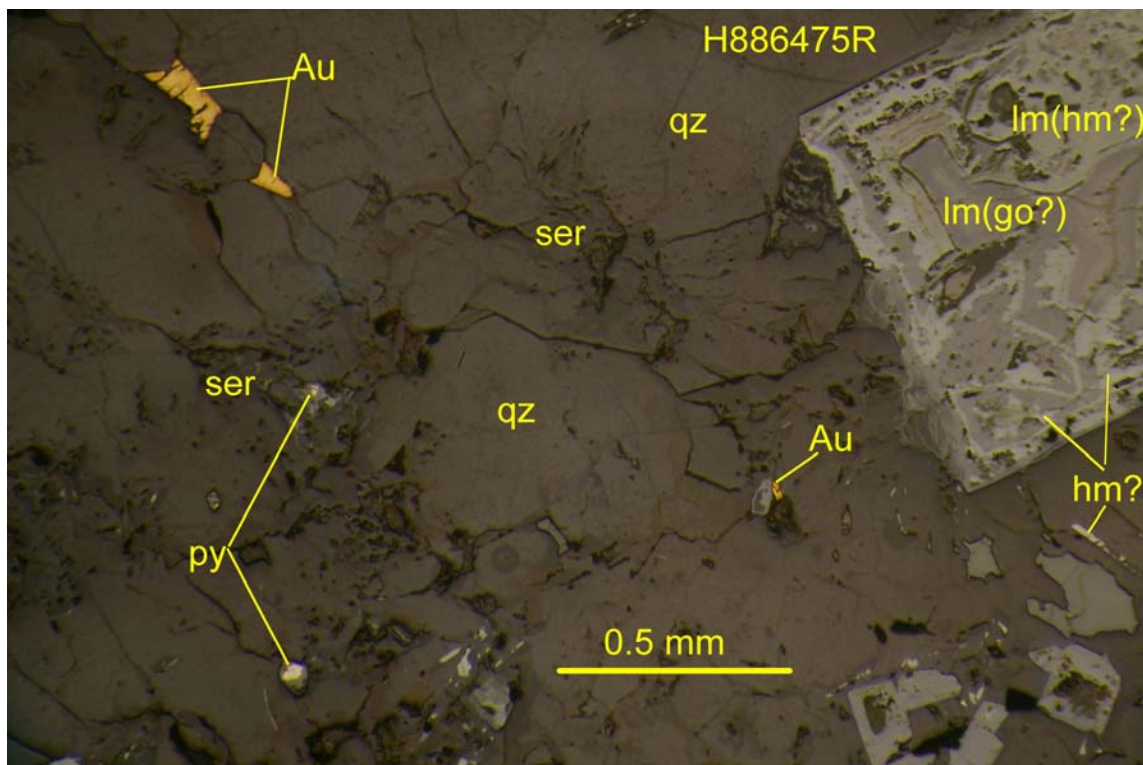
H886474R2: Same elongated particle of native gold (Au) almost 100 μm long, associated with sericite (ser) fracturing in and interstitial to secondary quartz (qz) crystals, near aggregates of limonite that could be after former sulfide (?) or magnetite (?); specular hematite (hm) forms small laths nearby. Reflected light, uncrossed polars, field of view 2.25 mm.



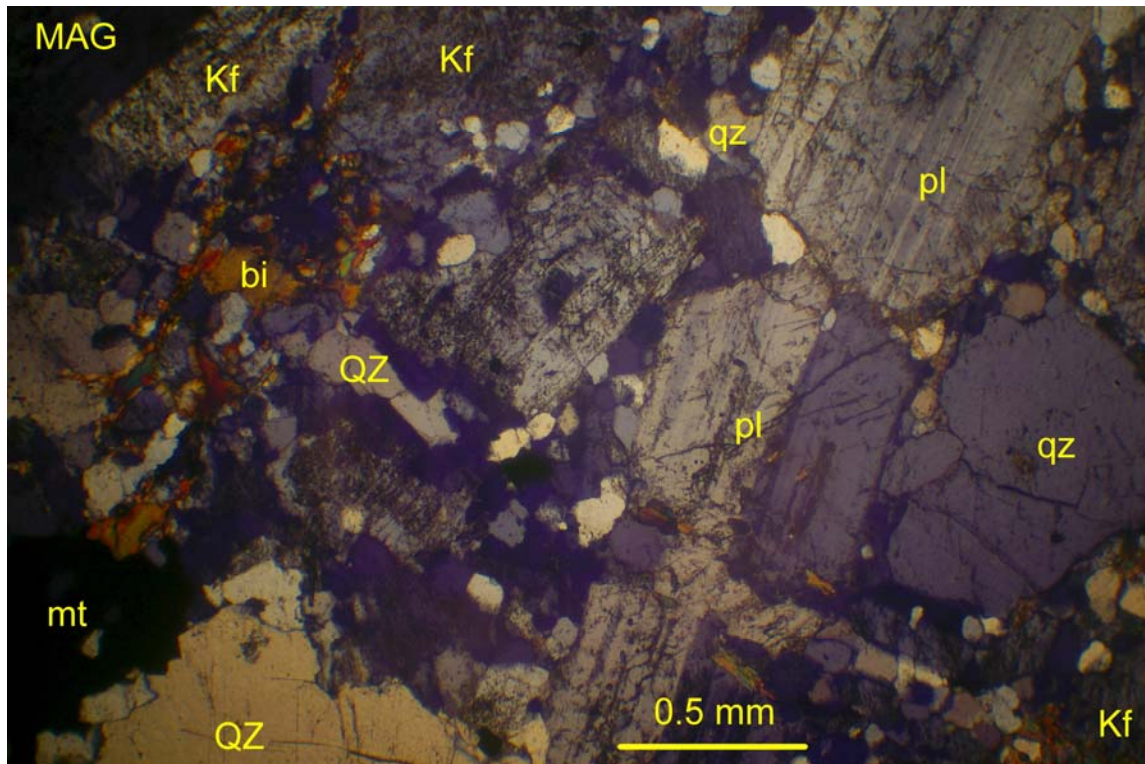
H886474R: Particles of native gold (Au) partly at the edge of or in limonite (lm) that is in part possibly after former coarse chalcopyrite (minute relics of which remain, cp), or associated with sericite (ser) in adjacent quartz (qz). Reflected light, uncrossed polars, field of view 2.25 mm wide.



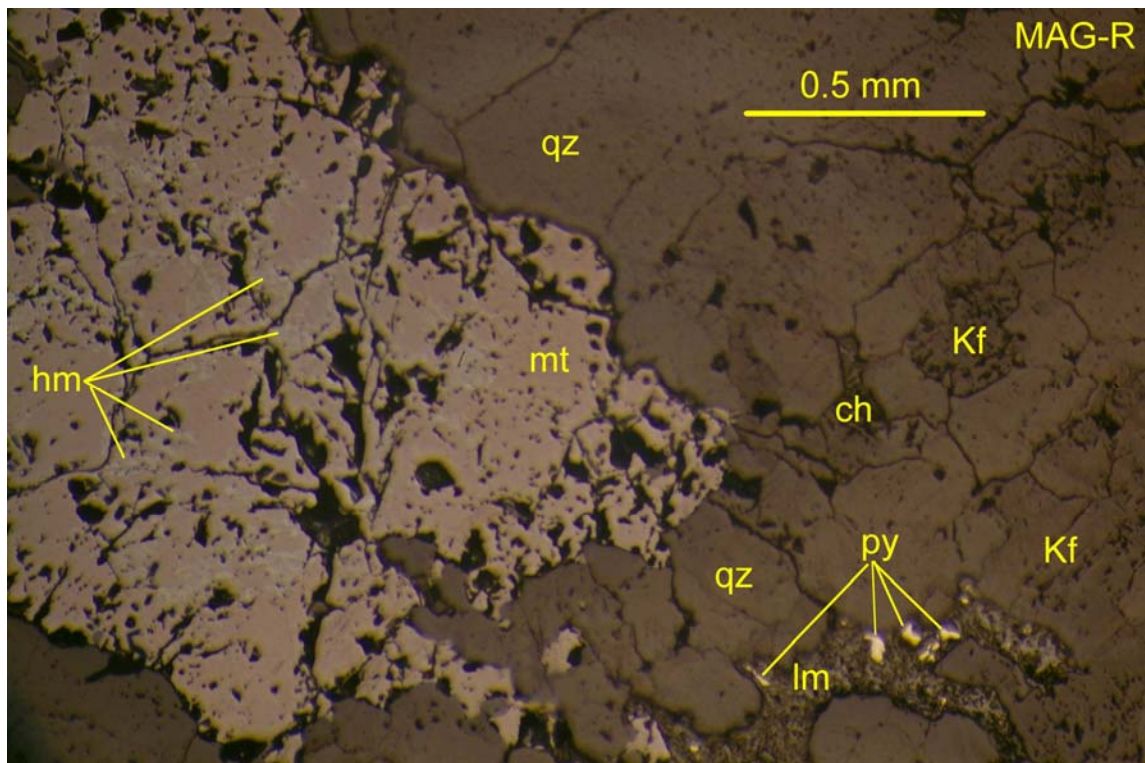
H886475: Sericite (ser) either as fine flakes included in quartz (could represent replacement of former feldspar), or as coarser muscovite (ms, possibly after former mafic minerals), slightly limonite stained near margin of euhedral limonite (lm) or Cu-bearing clay/sericite/limonite (Cu-cl?/ser/lm) and pale green malachite (mal) aggregates, possibly after pyrite/chalcopyrite. Transmitted plane light, 3.0 mm wide.



H886475R: Native gold (Au) associated with limonite (lm) or minor sericite (ser) along microfractures in quartz (qz), near major euhedral aggregates of limonite, possibly goethite (lower reflectivity, after sulfides such as pyrite, py, traces of which remain) or hematite (higher reflectivity, after magnetite?). Reflected light, uncrossed polars, field of view 2.25 mm.



MAG: Quartz monzonite composed of plagioclase (pl), Kspar (Kf) and primary phryic or groundmass quartz (qz) plus accessory biotite (bi), cut by narrow veinlets of secondary quartz (QZ)-magnetite (opaque). Feldspars are clouded by incipient alteration to clay/sericite. Transmitted light, crossed polars, field of view 3.0 mm wide.



MAG-R: Aggregate of granular subhedral magnetite (mt) showing slight oxidation to traces of hematite (hm), associated with secondary quartz (qz) and minor goethitic limonite (lm) containing traces of relict pyrite (py) along the vein margin with Kspar (Kf) and trace chlorite (ch, after biotite). Reflected light, uncrossed polars, field of view 2.25 mm wide.



Overview of thin sections and offcuts (blue semi-circles mark photomicrograph locations).

APPENDIX IV

**EASTERN PORPHYRY TARGET –
TRAVERSE SUMMARIES AND ROCK SAMPLE DESCRIPTIONS**

Rock Sample Descriptions			Project: Prospector Moul		Property: Prospector Mountain	
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284001	UTM:	349850 E	UTM:	6925622 N	Sample Width: 1.65 m	Abundance: Locally Abundant
	Elevation:	m				
Comments: Target C - PM-TR-09-01 - 1.65 m chip of bleached tan volcanics hosting manganese staining (dendritic and massive) on fractures (121/71S) and (051/90).						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284002	UTM:	349850 E	UTM:	6925622 N	Sample Width: 0.55 m	Abundance: Local
	Elevation:	m				
Comments: Target C - PM-TR-09-01 - 0.55 chip sample of extremely bleached volcanic on immediate contact with vein. Very strong manganese.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Grab	Dimension:
G284003	UTM:	349850 E	UTM:	6925622 N	Sample Width:	Abundance: Fault bounded
	Elevation:	m				
Comments: Target C - PM-TR-09-01 - Grab sample of very massive gouge (7cm wide).						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284004	UTM:	349850 E	UTM:	6925622 N	Sample Width: 0.71 m	Abundance: Fault bounded
	Elevation:	m				
Comments: Target C - PM-TR-09-01 - 0.71 m chip sample of yellow (first 7 cm) gouge followed by very limonitic with local yellow gouge (0.51 m) followed by extremely stained and pitted manganese (12 cm).						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284005	UTM:	349850 E	UTM:	6925622 N	Sample Width: 0.52	Abundance: Locally Abundant
	Elevation:	m				
Comments: Target C - PM-TR-09-01 - 0.52 m chip of very strongly bleached volcanics with a strong malachite/azurite staining throughout.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284006	UTM:	349850 E	UTM:	6925622 N	Sample Width: 1.10 m	Abundance: Locally Abundant
	Elevation:	m				
Comments: Target C - PM-TR-09-01 - 1.10 m chip of footwall manganese stained volcanics.						

Rock Sample Descriptions			Project: Prospector Moul	Property: Prospector Mountain		
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284007	UTM:	349890 E	UTM:	6925663 N	Sample Width: 1.0 m	Abundance: Locally Abundant
	Elevation:	m				
Comments:	Target C - PM-TR-09-02 - 1.0 m chip across altered host volcanics. Manganese staining strong throughout but mainly along fractures parrallel to the vein (approx 048/80E). Epithermal style banded quartz stringers and disseminated py locally					
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284008	UTM:	349890 E	UTM:	6925663 N	Sample Width: 1.16 m	Abundance: Fault bounded
	Elevation:	m				
Comments:	Target C - PM-TR-09-02 - 1.16 m chip sample across total width of vein. Very narrow interbanded gouge types within vein zone (too narrow to individually break out). A number of cobble sized pods of galena found while exposing floor and rib.					
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284009	UTM:	349890 E	UTM:	6925663 N	Sample Width: 1.0 m	Abundance: Locally Abundant
	Elevation:	m				
Comments:	Target C - PM-TR-09-02 - 1.0 m chip sample of altered volcanics hosting strong dendritic manganese stains.					
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284010	UTM:	349931 E	UTM:	6925689 N	Sample Width: 1.30 m	Abundance: Abundant
	Elevation:	m				
Comments:	Target C - PM-TR-09-03 - 1.30 m chip across strongly altered (completely bleached) volcanics hosting strong managese staining.					
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284011	UTM:	349931 E	UTM:	6925689 N	Sample Width: 0.16 m	Abundance: Fault bounded
	Elevation:	m				
Comments:	Target C - PM-TR-09-03 - 0.16 m chip sample across hanging wall contact zone with crushed and broken volcanics and quartz (angular) set within minor gouge.					
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284012	UTM:	349931 E	UTM:	6925689 N	Sample Width: 0.70 m	Abundance: Fault bounded
	Elevation:	m				
Comments:	Target C - PM-TR-09-03 - 0.70 m chip sample across strong gouge (white and orange). Local pods of quartz material. Disseminated galena within limonite altered vein material near footwall contact (similar to trench 2).					

Rock Sample Descriptions			Project: Prospector Moul		Property: Prospector Mountain	
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284013	UTM:	349931 E	UTM:	6925689 N	Sample Width: 1.0 m	Abundance: Abundant
	Elevation:	m				
Comments: Target C - PM-TR-09-03 - 1.0 m chip sample of footwall altered volcanics with strong manganese staining.						
Sample Number:	Grid East:	E	Grid North:	N	Type: chip	Dimension:
G284014	UTM:	349969 E	UTM:	6925705 N	Sample Width: 1.0 m	Abundance: Locally Abundant
	Elevation:	m				
Comments: Target C - PM-TR-09-04 - 1.0 m chip sample of highly altered volcanic manganese stained fractures.						
Sample Number:	Grid East:	E	Grid North:	N	Type: chip	Dimension:
G284015	UTM:	349969 E	UTM:	6925705 N	Sample Width: 0.30 m	Abundance: Fault bounded
	Elevation:	m				
Comments: Target C - PM-TR-09-04 - 0.30 m chip of white gouge.						
Sample Number:	Grid East:	E	Grid North:	N	Type: chip	Dimension:
G284016	UTM:	349969 E	UTM:	6925705 N	Sample Width: 0.32 m	Abundance: Fault bounded
	Elevation:	m				
Comments: Target C - PM-TR-09-04 - 0.32 m chip of hematite stained vein material with strong limonite alteration within local pitting.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284017	UTM:	349969 E	UTM:	6925705 N	Sample Width: 1.02 m	Abundance: Fault bounded
	Elevation:	m				
Comments: Target C - PM-TR-09-04 - 1.02 m chip sample of near massive white gouge. Fine grained, vitrious purple xtals (electrum?) locally.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284018	UTM:	349969 E	UTM:	6925705 N	Sample Width: 1.03 m	Abundance: Fault bounded
	Elevation:	m				
Comments: Target C - PM-TR-09-04 - 1.03 m chip sample of green silicious vein material locally limonite staining on fractures and very local hematite staining on pits and fractures.						

Rock Sample Descriptions			Project: Prospector Moul		Property: Prospector Mountain	
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284019	UTM:	349969 E	UTM:	6925705 N	Sample Width: 1.00 m	Abundance: Abundant
	Elevation:	m				
Comments: Target C - PM-TR-09-04 - 1.00 m chip across footwall volcanics with manganese staining.						
Sample Number:	Grid East:	E	Grid North:	N	Type: chip	Dimension:
G284020	UTM:	350002 E	UTM:	6925733 N	Sample Width: 1.0 m	Abundance: Abundant
	Elevation:	1590 m				
Comments: Target C - PM-TR-09-05 - 1.0 m chip sample of strongly altered volcanics.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284021	UTM:	350002 E	UTM:	6925733 N	Sample Width: 0.50 m	Abundance: Fault bounded
	Elevation:	1590 m				
Comments: Target C - PM-TR-09-05 - 0.50 m chip sample of very strongly altered and silicified volcanics (colour bleached to Yellow-orange).						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284022	UTM:	350002 E	UTM:	6925733 N	Sample Width: 0.26 m	Abundance: Fault bounded
	Elevation:	1590 m				
Comments: Target C - PM-TR-09-05 - 0.26 m chip sample of grey quartz vein hosting disseminated grey fine grained sulphides. 3 cm wide band of white gouge on hanging wall contact.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284023	UTM:	350002 E	UTM:	6925733 N	Sample Width: 0.28 m	Abundance: Fault bounded
	Elevation:	1590 m				
Comments: Target C - PM-TR-09-05 - 0.28 m chip sample of white gouge with minor limonite stained gouge.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284024	UTM:	350002 E	UTM:	6925733 N	Sample Width: 1.0 m	Abundance: Locally Abundant
	Elevation:	1590 m				
Comments: Target C - PM-TR-09-05 - 1.0 m chip sample of orange manganese stained volcanics.						

Rock Sample Descriptions			Project: Prospector Moul		Property: Prospector Mountain	
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284025	UTM:	349897 E	UTM:	6926855 N	Sample Width: 1.0 m	Abundance: Locally Abundant
	Elevation:	1647 m				
Comments: Target B - PM-TR-09-06 - 1.0 m chip sample across strongly altered volcanincs immediately adjacent to vein zone. Strong manganese and limonite staining mainly restricted to fractures between 0-0.65 m and pervasive throughout host between 0.65 - 1.0 m.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284026	UTM:	349897 E	UTM:	6926855 N	Sample Width: 0.96 m	Abundance: Fault bounded
	Elevation:	1647 m				
Comments: Target B - PM-TR-09-06 - 0.96 m chip sample across vein structure hosting clay altered quartz veining and poddy limonite and clay gouge. Hematite bands on start and end of interval. Discreet zones within zone appear to possibly have a relic volcanic texture (possibly xenoliths/wall fragments within vein).						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284027	UTM:	349897 E	UTM:	6926855 N	Sample Width: 0.26 m	Abundance: Fault bounded
	Elevation:	1647 m				
Comments: Target B - PM-TR-09-06 - 0.26 m chip sample of grey clay gouge (85%) with minor limonite stained gouge and very narrow zone of hematite.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284028	UTM:	349897 E	UTM:	6926855 N	Sample Width: 1.0 m	Abundance: Locally Abundant
	Elevation:	1647 m				
Comments: Target B - PM-TR-09-06 - 1.0 m chip sample of altered volcanics. A narrow 4 cm wide vein with strong manganese staining and very fine grained galine with abundant rusty pits.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284029	UTM:	E	UTM:	N	Sample Width: 0.50 m	Abundance: Locally Abundant
	Elevation:	m				
Comments: Target B - PM-TR-09-07 - 0.50 m chip sample of manganese stained, blocky volcanics.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284030	UTM:	E	UTM:	N	Sample Width: 0.43	Abundance: Fault bounded
	Elevation:	m				
Comments: Target B - PM-TR-09-07 - 0.43 m chip sample of green quartz vein (or possibly very altered and silicified host volcanics?)						

Rock Sample Descriptions			Project: Prospector Moul		Property: Prospector Mountain	
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284031	UTM:	E	UTM:	N	Sample Width: 0.35 m	Abundance: Fault bounded
	Elevation:	m				
Comments: Target B - PM-TR-09-07 - 0.35 m chip of grey/yellow/orange gouge in central portion of vein.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284032	UTM:	E	UTM:	N	Sample Width: 0.19 m	Abundance: Fault bounded
	Elevation:	m				
Comments: Target B - PM-TR-09-07 - 0.19 m chip of green quartz vein hosted with gouge zone.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284033	UTM:	E	UTM:	N	Sample Width: 0.5 m	Abundance: Abundant
	Elevation:	m				
Comments: Target B - PM-TR-09-07 - 0.5 m chip of manganese stained volcanics.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284034	UTM:	349720 E	UTM:	6926743 N	Sample Width: 1.0 m	Abundance: Abundant
	Elevation:	1672 m				
Comments: Target B - PM-TR-09-08 - 1.0 m chip of green volcanics hosting minor manganese and limonite staining.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284035	UTM:	349720 E	UTM:	6926743 N	Sample Width: 0.04 m	Abundance: Local
	Elevation:	1672 m				
Comments: Target B - PM-TR-09-08 - 0.04 m chip of grey gouge. No observable mineralization.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284036	UTM:	349720 E	UTM:	6926743 N	Sample Width: 0.52 m	Abundance: Locally Abundant
	Elevation:	1672 m				
Comments: Target B - PM-TR-09-08 - 0.52 m chip of strong limonite altered green volcanics hosting narrow grey-orange gouge zone (clay-limonite altered).						

Rock Sample Descriptions			Project: Prospector Moul		Property: Prospector Mountain	
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284037	UTM:	349720 E	UTM:	6926743 N	Sample Width: 1.0 m	Abundance: Abundant
	Elevation:	1672 m				
Comments: Target B - PM-TR-09-08 - 1.0 m chip of green volcanics.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284038	UTM:	349571 E	UTM:	6926766 N	Sample Width: 0.50 m	Abundance: Abundant
	Elevation:	1707 m				
Comments: Target B - PM-TR-09-09 - 0.50 m chip sample across dark green volcanics. Minor bleaching at end of interval. Local manganese and limonite staining along fractures.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284039	UTM:	349571 E	UTM:	6926766 N	Sample Width: 0.35 m	Abundance: Local
	Elevation:	1707 m				
Comments: Target B - PM-TR-09-09 - 0.35 m chip across very stronly bleached volcanics hosting small blebs of specular hematite.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284040	UTM:	349571 E	UTM:	6926766 N	Sample Width: 0.65 m	Abundance: Fault bounded
	Elevation:	1707 m				
Comments: Target B - PM-TR-09-09 - 0.65 m chip sample across mainly yellow-grey gouge hosting fragments of quartz-clay (up to 5 cm wide). Narrow quartz at eastern contact and 4 cm wide limonite gouge zone on western contact.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284041	UTM:	349571 E	UTM:	6926766 N	Sample Width: 1.82 m	Abundance: Locally Abundant
	Elevation:	1707 m				
Comments: Target B - PM-TR-09-09 - 1.82 m chip sample across strongly bleached/altered volcanics or vein material. The majority of the material is bleached to white and is very fine grained. Small radiating xtals and stringer of specular hematite exist locally. Far western contact has shared massive manganese over 15 cm...possibly edge of vein fault.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284042	UTM:	349571 E	UTM:	6926766 N	Sample Width: 1.0 m	Abundance: Local
	Elevation:	1707 m				
Comments: Target B - PM-TR-09-09 -1.0 m chip of green volcanics....local manganese staining very narrow (0.5 cm stringer of gal in 3 cm manganese band)						

Rock Sample Descriptions			Project: Prospector Moul		Property: Prospector Mountain	
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284043	UTM:	349580 E	UTM:	6926763 N	Sample Width: 0.5 m	Abundance: Locally Abundant
	Elevation:	1712 m				
Comments: Target B - PM-TR-09-10 - 0.5 m chip sample across mainly fine grained volcanics. Weakly altered.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284044	UTM:	349580 E	UTM:	6926763 N	Sample Width: 0.13 m	Abundance: Fault bounded
	Elevation:	1712 m				
Comments: Target B - PM-TR-09-10 - 0.13 m chip of grey and red gouge zone hosting massive red bands of hematite and specular hematite. Rep taken.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284045	UTM:	349580 E	UTM:	6926763 N	Sample Width: 0.41 m	Abundance: Locally Abundant
	Elevation:	1712 m				
Comments: Target B - PM-TR-09-10 - 0.41 m chip of moderately altered volcanics. Abundant limonite staining with pits and fractures. Minor limonite stained gouge.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284046	UTM:	349580 E	UTM:	6926763 N	Sample Width: 0.5 m	Abundance: Abundant
	Elevation:	1712 m				
Comments: Target B - PM-TR-09-10 - 0.5 m chip sample of weakly altered volcanics.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Float	Dimension:
G284047	UTM:	349580 E	UTM:	6926763 N	Sample Width: 8cmx25cmx1i	Abundance: Local
	Elevation:	1712 m				
Comments: Target B - PM-TR-09-10 - Float sample on floor of historical trench of quartz vein hosting limonite pits and minor gouge. Boulders are 8 cm x 25 cm x 8cm.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284048	UTM:	347477 E	UTM:	6926411 N	Sample Width: 1.30 m	Abundance: Locally Abundant
	Elevation:	1649 m				
Comments: Target D - PM-TR-09-11 - 1.30 m chip sample across volcanics and hosting different zonations of alteration and staining. These include discreet zones of manganese, limonite, hematite, and quartz flooding.						

Rock Sample Descriptions			Project: Prospector Moul		Property: Prospector Mountain	
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284049	UTM:	347477 E	UTM:	6926411 N	Sample Width: 0.17 m	Abundance: Fault bounded
	Elevation:	1649 m				
Comments:	Target D - PM-TR-09-11 - 0.17 m chip sample across banded quartz with minor fragmentations, pits, and massive bands of cerrusite and anglosite with local remnant galena.					
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284050	UTM:	347477 E	UTM:	6926411 N	Sample Width: 0.15 m	Abundance: Fault bounded
	Elevation:	1649 m				
Comments:	Target D - PM-TR-09-11 - 0.15 m chip sample of massive orange gouge					
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284051	UTM:	347477 E	UTM:	6926411 N	Sample Width: 0.33 m	Abundance: Fault bounded
	Elevation:	1649 m				
Comments:	Target D - PM-TR-09-11 - 0.33 m chip sample of white quartz-clay vein material. Minor cerrusite locally. Local pods of orange gouge.					
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284052	UTM:	347477 E	UTM:	6926411 N	Sample Width: 0.34 m	Abundance: Fault bounded
	Elevation:	1649 m				
Comments:	Target D - PM-TR-09-11 -0.34 m chip of white - yellow (and minor orange) gouge hosting a narrow zone of anglesite (3 cm wide).					
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284053	UTM:	347477 E	UTM:	6926411 N	Sample Width: 1.0 m	Abundance: Abundant
	Elevation:	1649 m				
Comments:	Target D - PM-TR-09-11 - 1.0 m chip of green aphanitic volcanics hosting minor orange gouge on fractures. 1 narrow (< 2 cm wide) zone of pitted and rotten material.					
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284054	UTM:	347450 E	UTM:	6926379 N	Sample Width: 0.5 m	Abundance: Fault bounded
	Elevation:	1665 m				
Comments:	Target D - PM-TR-09-12 - 0.5 m sample of yellow-grey gouge and crushed quartz. Trench making water.					

Rock Sample Descriptions			Project: Prospector Moul		Property: Prospector Mountain	
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284055	UTM:	347235 E	UTM:	6926310 N	Sample Width: 0.5 m	Abundance: Abundant
	Elevation:	1641 m				
Comments: Target D - PM-TR-09-13 - 0.50 m chip sample of very strongly limonitic and manganese altered volcanics.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284056	UTM:	347235 E	UTM:	6926310 N	Sample Width: 0.25 m	Abundance: Fault bounded
	Elevation:	1641 m				
Comments: Target D - PM-TR-09-13 - 0.25 m chip sample manganese stained, locally vuggy quartz vein hosting very fine grained disseminated sulphides.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284057	UTM:	347235 E	UTM:	6926310 N	Sample Width: 0.5 m	Abundance: Fault bounded
	Elevation:	1641 m				
Comments: Target D - PM-TR-09-13 - 0.50 m chip sample of broken, highly altered quartz-clay vein and grey and orange gouge.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284058	UTM:	347235 E	UTM:	6926310 N	Sample Width: 1.0 m	Abundance: Fault bounded
	Elevation:	1641 m				
Comments: Target D - PM-TR-09-13 - 1.0 m of mainly yellow, grey, and orange gouge hosting narrow (7 cm wide) quartz vein with disseminated py.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284059	UTM:	347235 E	UTM:	6926310 N	Sample Width: 0.5 m	Abundance: Fault bounded
	Elevation:	1641 m				
Comments: Target D - PM-TR-09-13 - 0.5 m chip of gouge (orange and yellow).						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284060	UTM:	347235 E	UTM:	6926310 N	Sample Width: 1.0 m	Abundance: Locally abundant
	Elevation:	1641 m				
Comments: Target D - PM-TR-09-13 - 1.0 m of manganese and limonite altered volcanics						

Rock Sample Descriptions			Project: Prospector Moul		Property: Prospector Mountain	
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284061	UTM:	347338 E	UTM:	6926321 N	Sample Width: 1.0 m	Abundance: Locally abundant
	Elevation:	1646 m				
Comments: Target D - PM-TR-09-14 - 1.0 m chip sample of very bleached volcanics hosting limonite and manganese staining on fractures. Fractures at 015/vertical						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284062	UTM:	347338 E	UTM:	6926321 N	Sample Width: 0.35 m	Abundance: Fault bounded
	Elevation:	1646 m				
Comments: Target D - PM-TR-09-14 - 0.35 m chip of light green, highly silicified vein material or host volcanics (quite unlikely). Quartz stringers exist within this zone.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284063	UTM:	347338 E	UTM:	6926321 N	Sample Width: 0.50 m	Abundance: Fault bounded
	Elevation:	1646 m				
Comments: Target D - PM-TR-09-14 - 0.50 m chip sample of grey quartz vein hosting local sulphides (py, galena) and strong pitting coated by limonite.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284064	UTM:	347338 E	UTM:	6926321 N	Sample Width: 0.5 m	Abundance: Fault bounded
	Elevation:	1646 m				
Comments: Target D - PM-TR-09-14 - 0.50 chip of grey quartz vein. Local sulphides of disseminated galena, arseno, and py and possible electrum. Minor scorodite locally.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284065	UTM:	347338 E	UTM:	6926321 N	Sample Width: 0.47 m	Abundance: Fault bounded
	Elevation:	1646 m				
Comments: Target D - PM-TR-09-14 - 0.47 m chip of grey-green qv material. Yellow staining within locally abundant pits.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284066	UTM:	347338 E	UTM:	6926321 N	Sample Width: 1.0 m	Abundance: Abundant
	Elevation:	1646 m				
Comments: Target D - PM-TR-09-14 - 1.0 m chip of yellow altered volcanics with limonite and manganese staining .						

Rock Sample Descriptions			Project: Prospector Moul		Property: Prospector Mountain	
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284067	UTM:	347420 E	UTM:	6926321 N	Sample Width: 0.6	Abundance: Abundant
	Elevation:	1646 m				
Comments: Target D - PM-TR-09-15 -0.60 m chip of mainly unaltered green volcanics.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284068	UTM:	347420 E	UTM:	6926321 N	Sample Width: 0.40 m	Abundance: Locally abundant
	Elevation:	1646 m				
Comments: Target D - PM-TR-09-15 - 0.40 m chip of green volcanics hosting disseminated py grains. NOTE: A ~10cmX10cm pod of gouge was found on the floor.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284069	UTM:	347420 E	UTM:	6926321 N	Sample Width: 0.31	Abundance: Fault bounded
	Elevation:	1646 m				
Comments: Target D - PM-TR-09-15 - 0.31 m chip of orange coloured gouge sample taken on floor due to the angle of the vein zone.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284070	UTM:	347420 E	UTM:	6926321 N	Sample Width: 0.16 m	Abundance: Fault bounded
	Elevation:	1646 m				
Comments: Target D - PM-TR-09-15 - 0.16 m chip of green -grey gouge						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284071	UTM:	347420 E	UTM:	6926321 N	Sample Width: 1.0 m	Abundance: Abundant
	Elevation:	1646 m				
Comments: Target D - PM-TR-09-15 - 1.0 m chip of green volcanics.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284072	UTM:	347905 E	UTM:	6927156 N	Sample Width: 1.0 m	Abundance: Abundant
	Elevation:	1652 m				
Comments: Target D - PM-TR-09-16 - 1.0 m chip across green-black volcanic with manganese staining on fractures						

Rock Sample Descriptions			Project: Prospector Moul		Property: Prospector Mountain	
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284073	UTM:	347905 E	UTM:	6927156 N	Sample Width: 0.35 m	Abundance: Fault bounded
	Elevation:	1652 m				
Comments: Target D - PM-TR-09-16 - 0.35 m chip sample across grey - orange gouge and broken strongly managanse stained yellow quartz vein (or strongly silicified volcanics). Contact of vein @ 007.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284074	UTM:	347905 E	UTM:	6927156 N	Sample Width: 0.49 m	Abundance: Fault bounded
	Elevation:	1652 m				
Comments: Target D - PM-TR-09-16 - 0.49 m chip sample of mixed coloured (orange, yellow, grey, green) gouge with local crushed quartz.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284075	UTM:	347905 E	UTM:	6927156 N	Sample Width: 0.36 m	Abundance: Local
	Elevation:	1652 m				
Comments: Target D - PM-TR-09-16 - 0.36 m chip of blocky green volcanics.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284076	UTM:	347905 E	UTM:	6927156 N	Sample Width: 0.28 m	Abundance: Fault bounded
	Elevation:	1652 m				
Comments: Target D - PM-TR-09-16 - 0.28 m chip of green-grey clay-rich gouge.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284077	UTM:	347905 E	UTM:	6927156 N	Sample Width: 0.68 m	Abundance: Fault bounded
	Elevation:	1652 m				
Comments: Target D - PM-TR-09-16 - 0.68 m chip of yellow-orange clay gouge.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284078	UTM:	347905 E	UTM:	6927156 N	Sample Width: 0.30 m	Abundance: Locally abundant
	Elevation:	1652 m				
Comments: Target D - PM-TR-09-16 - 0.30 m chip of broken manganese stained, highly altered volcanics. This sample taken below band of overlying yellow gouge.						

Rock Sample Descriptions			Project: Prospector Moul		Property: Prospector Mountain	
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284079	UTM:	347373 E	UTM:	6927000 N	Sample Width: 0.65 m	Abundance: Abundant
	Elevation:	1733 m				
Comments: Target D - PM-TR-09-17 - 0.65 m chip sample of unaltered (first 40 cm) and altered (manganese and limonite stained and very bleached) volcanics (final 25 cm).						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284080	UTM:	347373 E	UTM:	6927000 N	Sample Width: 0.08 m	Abundance: Fault bounded
	Elevation:	1733 m				
Comments: Target D - PM-TR-09-17 - 0.08 m chip of massive galena (4 cm wide) hosted in an orange gouge and white crushed quartz (minor).						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284081	UTM:	347373 E	UTM:	6927000 N	Sample Width: 0.10 m	Abundance: Abundant
	Elevation:	1733 m				
Comments: Target D - PM-TR-09-17 - 0.10 m chip of highly broken/shattered green volcanics with strong manganese staining on all fractured surfaces						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284082	UTM:	347373 E	UTM:	6927000 N	Sample Width: 0.90 m	Abundance: Fault bounded
	Elevation:	1733 m				
Comments: Target D - PM-TR-09-17 - 0.90 m of highly rotten/shattered green volcanics with numerous limonite stained and green coloured gouge zones. Locally pieces of quartz veins.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Grab	Dimension:
G284083	UTM:	347373 E	UTM:	6927000 N	Sample Width:	Abundance: Local
	Elevation:	1733 m				
Comments: Target D - PM-TR-09-17 - grab of massive galena						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284084	UTM:	347373 E	UTM:	6927000 N	Sample Width: 0.50 m	Abundance: Abundant
	Elevation:	1733 m				
Comments: Target D - PM-TR-09-17 - 0.50 m of green volcanics						

Rock Sample Descriptions			Project: Prospector Moul	Property: Prospector Mountain		
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284085	UTM:	347367 E	UTM:	6926242 N	Sample Width: 1.0 m	Abundance: Abundant
	Elevation:	1623 m				
Comments: Target D - PM-TR-09-18 - 1.0 m chip of green unaltered volcanics						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284086	UTM:	347367 E	UTM:	6926242 N	Sample Width: 0.21 m	Abundance: Fault bounded
	Elevation:	1623 m				
Comments: Target D - PM-TR-09-18 - 0.21 m chip of orange and grey-green gouge						
Sample Number:	Grid East:	E	Grid North:	N	Type: Grab	Dimension:
G284087	UTM:	347367 E	UTM:	6926242 N	Sample Width: 0.50 m	Abundance: Abundant
	Elevation:	1623 m				
Comments: Target D - PM-TR-09-18 - 0.50 m chip of green volcanics						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284091	UTM:	347281 E	UTM:	6925029 N	Sample Width: 1.0 m	Abundance: Abundant
	Elevation:	1566 m				
Comments: Target A - PM-TR-09-19 - 1.0 m chip sample of increasingly altered volcanics hosting strong manganese staining and locally strong pyritization (up to 25%)						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284092	UTM:	347281 E	UTM:	6925029 N	Sample Width: 0.12 m	Abundance: Fault bounded
	Elevation:	1566 m				
Comments: Target A - PM-TR-09-19 - 0.12 m chip of orange stained clay gouge hosting shattered QV material						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284093	UTM:	347281 E	UTM:	6925029 N	Sample Width: 0.13 m	Abundance: Fault bounded
	Elevation:	1566 m				
Comments: Target A - PM-TR-09-19 - 0.13 m chip of strongly manganese stained massive QV hosting disseminated galena and py. Locally pitted.						

Rock Sample Descriptions			Project: Prospector Moul		Property: Prospector Mountain	
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284094	UTM:	347281 E	UTM:	6925029 N	Sample Width: 0.14 m	Abundance: Locally abundant
	Elevation:	1566 m				
Comments: Target A - PM-TR-09-19 - 0.14 m chip of yellow-orange clay gouge.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284095	UTM:	347281 E	UTM:	6925029 N	Sample Width: 0.32 m	Abundance: Fault bounded
	Elevation:	1566 m				
Comments: Target A - PM-TR-09-19 - 0.32 m chip of shattered manganese stained qtz vein material hosted within an orange clay-sand gouge.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284096	UTM:	347281 E	UTM:	6925029 N	Sample Width: 1.27 m	Abundance: Locally abundant
	Elevation:	1566 m				
Comments: Target A - PM-TR-09-19 -1.27 m chip of strongly altered volcanics hosting strong limonite staining and orange clay gouge in fractures (appears to extend at depth).						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284097	UTM:	347281 E	UTM:	6925029 N	Sample Width: 0.12 m	Abundance: Fault bounded
	Elevation:	1566 m				
Comments: Target A - PM-TR-09-19 - 0.12 m chip of orange clay gouge.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284098	UTM:	347281 E	UTM:	6925029 N	Sample Width: 1.0 m	Abundance: Abundant
	Elevation:	1566 m				
Comments: Target A - PM-TR-09-19 - 1.0 m chip of limonite stained blocky volcanics.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284099	UTM:	347264 E	UTM:	6925045 N	Sample Width: 1.0 m	Abundance: Abundant
	Elevation:	1566 m				
Comments: Target A - PM-TR-09-20 -1.0 m chip sample of green volcanics with moderate silification close to contact with vein						

Rock Sample Descriptions			Project: Prospector Moul	Property: Prospector Mountain		
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284100	UTM:	347264 E	UTM:	6925045 N	Sample Width: 0.18 m	Abundance: Fault bounded
	Elevation:	1566 m				
Comments: Target A - PM-TR-09-20 - 0.18 m chip of orange clay gouge hosting broken fragments of QV and coarse grained galena xtals.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284101	UTM:	347264 E	UTM:	6925045 N	Sample Width: 0.51 m	Abundance: Fault bounded
	Elevation:	1566 m				
Comments: Target A - PM-TR-09-20- 0.51 m chip of quartz-carbonate vein hosting pods and zones (parellel to strike) of massive, medium-coarse grained galena. Minor alteration to anglesite.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284102	UTM:	347264 E	UTM:	6925045 N	Sample Width: 0.16 m	Abundance: Fault bounded
	Elevation:	1566 m				
Comments: Target A - PM-TR-09-20 -0.16 m chip of brown-orange gouge hosting broken fragments of QV and galena xtals (very similar to G284100).						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284103	UTM:	347264 E	UTM:	6925045 N	Sample Width: 0.32 m	Abundance: Abundant
	Elevation:	1566 m				
Comments: Target A - PM-TR-09-20 -0.32 m chip of green, very strong silicified material hosting disseminated galena and py.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284104	UTM:	347264 E	UTM:	6925045 N	Sample Width: 0.25 m	Abundance: Abundant
	Elevation:	1566 m				
Comments: Target A - PM-TR-09-20 -0.25 m chip of altered volcanics (orange coloured).						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284105	UTM:	347264 E	UTM:	6925045 N	Sample Width:	Abundance: Relatively abundant
	Elevation:	1566 m				
Comments: Target A - PM-TR-09-20- Grab sample of massive galena.						

Rock Sample Descriptions			Project: Prospector Moul		Property: Prospector Mountain	
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284106	UTM:	347420 E	UTM:	6925292 N	Sample Width: 0.5 m	Abundance: Abundant
	Elevation:	1590 m				
Comments: Target A - PM-TR-09-21 -0.5 m chip of manganese/hematite stained (along fractures) green volcanics						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284107	UTM:	347420 E	UTM:	6925292 N	Sample Width: 0.14 m	Abundance: Fault bounded
	Elevation:	1590 m				
Comments: Target A - PM-TR-09-21 -0.14 m chip of orange caly-sand gouge.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284018	UTM:	347420 E	UTM:	6925292 N	Sample Width: 0.72 m	Abundance: Fault bounded
	Elevation:	1590 m				
Comments: Target A - PM-TR-09-21 -0.72 m chip of pitted, rusty QV hosting massive pods to disseminated galena and tetrahedrite. Some of copper has been leached out of the sulphasalts and reprecipitated as malachite.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284109	UTM:	347420 E	UTM:	6925292 N	Sample Width: 0.24 m	Abundance: Fault bounded
	Elevation:	1590 m				
Comments: Target A - PM-TR-09-21 - 0.24 m chip of orange clay-sand gouge.						
Sample Number:	Grid East:	E	Grid North:	N	Type: Chip	Dimension:
G284110	UTM:	347420 E	UTM:	6925292 N	Sample Width: 0.5 m	Abundance: Fault Bounded
	Elevation:	1590 m				
Comments: Target A - PM-TR-09-21 - 0.5 m chip of manganese/hematite stained green volcanics (relatively quite altered). Two 0.5cm wide massive hematite veins parallel to the main vein. ~010 degrees.						

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 – 510 West Hastings Street
Vancouver, B.C. V6B 1L8

Telephone: 604-688-2568

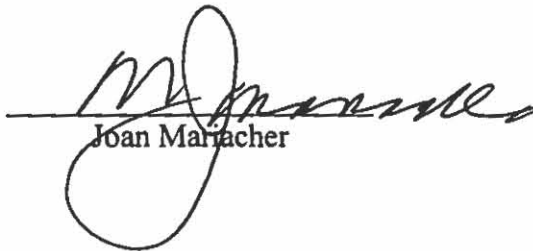
Fax: 604-688-2578

AFFIDAVIT



I, Joan Mariacher, of Vancouver, B.C. make oath and say:

That to the best of my knowledge the attached Statement of
Expenditures for exploration work on the Hayes 1-239 mineral
claims on Claim Sheet 115I/5 is accurate.


Joan Mariacher

Sworn before me at Vancouver, B.C.

this 15th day of December, 2009.


Barrister and Solicitor

IAN J. TALBOT
Barrister & Solicitor
281 East 6th Street
North Vancouver
British Columbia
Canada V7L 1L8

Statement of Expenditures
Hayes 1-239 Mineral Claims
December 11, 2009



Labour

B. Wengzynowski (geologist) March to October – 183 hrs @ \$100/hr	\$ 19,215.00
M. Turner (geologist) August – 13 1/2 days @ \$560/day	7,938.00
K. Jessen (geologist) March & April – 18 5/8 days @ \$520/day	10,169.25
N. Sheshi (field assistant) August – 14 days @ \$296/day	4,351.20
L. Corbett (expeditor) July to September – 33 1/2 hrs @ \$60/hr	2,110.50
D. Huston (expeditor) July & August – 29 hrs @ \$62/hr	1,887.90
J. Mariacher (office work) July to October – 34 3/4 hrs @ \$70/hr	2,554.13
J. Itkin (office work) March to October – 29 1/4 hrs @ \$64/hr	1,965.60
M. Gonzalvo (office work) March to September – 24 1/2 hr @ \$40/hr	<u>1,029.00</u>
	51,220.58

Expenses

Field room and board – 43 5/8 days @ \$125/day	5,725.78
Heli Dynamics Ltd. – 10.4 hrs Bell 206 @ \$1050/hr plus fuel	11,466.00
ALS Chemex	8,871.71
Acme Analytical Laboratories	631.11
Norcan Leasing	<u>1,767.49</u>
	28,462.09

Total	<u>\$79,682.67</u>
-------	--------------------

440 samples taken = \$181.10/sample



**Archer, Cathro & Associates
(1981) Limited**

#1016 - 510 West Hastings Street
Vancouver, B.C.
V6B 1L8

Invoice

Date	Invoice #
3/31/2009	1395

Bill To

PROSPECTOR MOUNTAIN PROJECT
Tarsis Capital Corp.

		Billing Period		
		MARCH/2009		
Budget Item	Description	Qty	Rate	Amount
	NON-ARCHER, CATHRO SERVICES & SUPPLIES			
NA-30 Non-AC Miscellan...	Hydery Printing - Inv#26793	1.00	13.05	13.05T
NA-30 Non-AC Miscellan...	Hydery Printing - Inv#26797	1.00	867.77	867.77T
	Total Expenses			880.82
	ARCHER, CATHRO SERVICES & SUPPLIES			
AC-01 Management Fee	Management Fee on Non-Archer,Cathro Services & Supplies		8.00%	70.47T
AC-08 Senior Supervision	B.Wengzynowski	18.00	100.00	1,800.00T
AC-07 Office work	K.Jessen	122.00	65.00	7,930.00T
AC-07 Office work	S.Newman	1.50	40.00	60.00T
AC-07 Office work	J.Itkin	12.50	64.00	800.00T
	GST charged		5.00%	577.06
Subtotal		\$11,541.29		
GST No. 100247667		GST Total		\$577.06
Total Payable		\$12,118.35		



**Archer, Cathro & Associates
(1981) Limited**

#1016 - 510 West Hastings Street
Vancouver, B.C.
V6B 1L8

Invoice

Date	Invoice #
4/30/2009	1439

Bill To

PROSPECTOR MOUNTAIN PROJECT
Tarsis Capital Corp.

Billing Period

APRIL/2009

Budget Item	Description	Qty	Rate	Amount
	ARCHER, CATHRO SERVICES & SUPPLIES			
AC-07 Office work	K.Jessen	27.00	65.00	1,755.00T
AC-07 Office work	J.Itkin	3.00	64.00	192.00T
AC-08 Senior Supervision	B.Wengzynowski	7.00	100.00	700.00T
	GST charged		5.00%	132.35
Subtotal				\$2,647.00
GST No. 100247667	GST Total			\$132.35
Total Payable				\$2,779.35



**Archer, Cathro & Associates
(1981) Limited**

#1016 - 510 West Hastings Street
Vancouver, B.C.
V6B 1L8

Invoice

Date	Invoice #
5/31/2009	1491

Bill To

PROSPECTOR MOUNTAIN PROJECT
Tarsis Capital Corp.

Billing Period

MAY/2009

Budget Item	Description	Qty	Rate	Amount
NA-30 Non-AC Miscellan...	NON-ARCHER, CATHRO SERVICES & SUPPLIES CIBC Visa - Apr.9-May.8/09 - Edges Workshop	1.00	47.50	47.50T
AC-01 Management Fee	ARCHER, CATHRO SERVICES & SUPPLIES Management Fee on Non-Archer,Cathro Services & Supplies		8.00%	3.80T
AC-08 Senior Supervision	B.Wengzynowski	6.00	100.00	600.00T
AC-07 Office work	J.Itkin	0.25	64.00	16.00T
	GST charged		5.00%	33.37
Subtotal		\$667.30		
GST No. 100247667		GST Total		\$33.37
Total Payable		\$700.67		



**Archer, Cathro & Associates
(1981) Limited**

#1016 - 510 West Hastings Street
Vancouver, B.C.
V6B 1L8

ARCHER CATHRO

Invoice

Date	Invoice #
7/31/2009	1590

Bill To

PROSPECTOR MOUNTAIN PROJECT
Tarsis Resources Ltd.

Billing Period

JULY/2009

Budget Item	Description	Qty	Rate	Amount
	NON-ARCHER, CATHRO SERVICES & SUPPLIES			
NA-02 Helicopter+Fuel	Heli Dynamics - Inv#8359	1.00	1,470.00	1,470.00T
NA-22 Camp Food & Co...	Riverdale Super A - Inv#39273	1.00	408.65	408.65T
NA-26 Truck Rental & Fuel	Porter Creek Super A - Inv#21920	1.00	79.11	79.11T
NA-02 Helicopter+Fuel	Heli Dynamics - Inv#7956	1.00	2,205.00	2,205.00T
NA-26 Truck Rental & Fuel	Sunrise Service Center - Inv#10214	1.00	68.40	68.40T
NA-25 Shipping & Trucki...	Air North - Inv#F21672862	1.00	147.94	147.94T
NA-20 Assays	ALS Chemex - Inv#1935955	1.00	763.64	763.64T
NA-26 Truck Rental & Fuel	Norcan Leasing - Inv#NOR-31725	1.00	899.70	899.70T
NA-26 Truck Rental & Fuel	Porter Creek Super A - Inv#22276	1.00	58.29	58.29T
NA-02 Helicopter+Fuel	North 60 Petro - Inv#TBA0706014	1.00	700.20	700.20T
NA-02 Helicopter+Fuel	North 60 Petro - Inv#TBA0706307	1.00	-65.00	-65.00T
NA-02 Helicopter+Fuel	North 60 Petro - Inv#TBA0706325	1.00	700.20	700.20T
NA-20 Assays	ALS Chemex - Inv#1942065	1.00	1,030.62	1,030.62T
	Total Expenses			8,466.75
	ARCHER, CATHRO SERVICES & SUPPLIES			
AC-01 Management Fee	Management Fee on Non-Archer,Cathro Services & Supplies		8.00%	677.34T
AC-07 Office work	J.Mariacher	9.25	70.00	647.50T
AC-06 Expediting	L.Corbett	11.25	60.00	675.00T
AC-06 Expediting	D.Huston	6.00	62.00	372.00T
AC-07 Office work	M.Gonzalvo	4.00	40.00	160.00T
AC-08 Senior Supervision	B.Wengzynowski	50.00	100.00	5,000.00T
AC-07 Office work	J.Itkin	2.25	64.00	144.00T
AC-10 Camp & Field Ge...	AC Camp & Field Gear Rental	4.00	60.00	240.00T
AC-11 AC House-Room ...	AC House-Room & Board	2.00	120.00	240.00T
AC-14 Trailer Rental	Small Trailer	5.00	50.00	250.00T
	GST charged		5.00%	843.63
Subtotal		\$16,872.59		
GST No. 100247667		GST Total		\$843.63
Total Payable		\$17,716.22		



ARCHER CATHRO

**Archer, Cathro & Associates
(1981) Limited**

#1016 - 510 West Hastings Street
Vancouver, B.C.
V6B 1L8

Invoice

Date	Invoice #
8/31/2009	1632

Bill To

PROSPECTOR MOUNTAIN PROJECT
Tarsis Resources Ltd.

Billing Period

AUGUST/2009

Budget Item	Description	Qty	Rate	Amount
	NON-ARCHER, CATHRO SERVICES & SUPPLIES			
NA-02 Helicopter+Fuel	Heli Dynamics - Inv#7960	1.00	3,465.00	3,465.00T
NA-25 Shipping & Trucki...	Air North - Inv#F21689301	1.00	41.00	41.00T
NA-26 Truck Rental & Fuel	Porter Creek Super A - Inv#23262	1.00	50.22	50.22T
NA-22 Camp Food & Co...	Riverdale Super A - Inv#39293	1.00	1,789.58	1,789.58T
NA-26 Truck Rental & Fuel	Sunrise Service Center - Inv#10442	1.00	69.90	69.90T
NA-26 Truck Rental & Fuel	Sunrise Service Center - Inv#10541	1.00	35.28	35.28T
NA-26 Truck Rental & Fuel	Sunrise Service Center - Inv#10543	1.00	45.52	45.52T
NA-26 Truck Rental & Fuel	Sunrise Service Center - Inv#10582	1.00	61.48	61.48T
NA-02 Helicopter+Fuel	Heli Dynamics - Inv#7988	1.00	3,780.00	3,780.00T
NA-25 Shipping & Trucki...	Byers Transport - Inv#1001193712-00	1.00	150.05	150.05T
NA-22 Camp Food & Co...	L.Corbett - PC-Aug.26/09	1.00	14.67	14.67T
NA-25 Shipping & Trucki...	Air North - Inv#F21697362	1.00	41.94	41.94T
NA-22 Camp Food & Co...	Home Hardware - Inv#727486	1.00	127.96	127.96T
NA-22 Camp Food & Co...	Integra Tire - Inv#134416	1.00	17.64	17.64T
NA-22 Camp Food & Co...	Riverdale Super A - Inv#37865	1.00	382.14	382.14T
NA-26 Truck Rental & Fuel	Norcan Leasing - Inv#NOR-31092i3	1.00	77.26	77.26T
NA-26 Truck Rental & Fuel	Norcan Leasing - Inv#NOR-31995i2	1.00	309.03	309.03T
NA-30 Non-AC Miscellan...	Yukon Honda - Inv#25257	1.00	28.62	28.62T
NA-26 Truck Rental & Fuel	Porter Creek Super A - Inv#22408	1.00	29.52	29.52T
NA-02 Helicopter+Fuel	North 60 Petro - Inv#TBA0706613	1.00	350.10	350.10T
NA-02 Helicopter+Fuel	North 60 Petro - Inv#TBA0706738	1.00	350.10	350.10T
NA-02 Helicopter+Fuel	North 60 Petro - Inv#1675185	1.00	-130.00	-130.00T
NA-24 Airfare & Transpo...	CIBC Visa - Aug.9-Sep.8/09 - airfare N.Sheshi	1.00	141.87	141.87T
NA-02 Helicopter+Fuel	jetB 200l @ \$1.798 + 2 drums	1.00	-479.60	-479.60T
	Total Expenses			10,749.28
	ARCHER, CATHRO SERVICES & SUPPLIES			
AC-01 Management Fee	Management Fee on Non-Archer,Cathro Services & Supplies		8.00%	859.94T
Subtotal				
GST No. 100247667		GST Total		
Total Payable				



**Archer, Cathro & Associates
(1981) Limited**

#1016 - 510 West Hastings Street
Vancouver, B.C.
V6B 1L8

Invoice

Date	Invoice #
8/31/2009	1632

Bill To

PROSPECTOR MOUNTAIN PROJECT
Tarsis Resources Ltd.

		Billing Period		
		AUGUST/2009		
Budget Item	Description	Qty	Rate	Amount
AC-08 Senior Supervision	B.Wengzynowski	58.00	100.00	5,800.00T
AC-06 Expediting	L.Corbett	20.25	60.00	1,215.00T
AC-05 Labour	N.Sheshi	112.00	37.00	4,144.00T
AC-07 Office work	J.Mariacher	9.50	70.00	665.00T
AC-05 Labour	M.Turner	100.00	70.00	7,000.00T
AC-06 Expediting	D.Huston	23.00	62.00	1,426.00T
AC-07 Office work	M.Gonzalvo	9.00	40.00	360.00T
AC-07 Office work	J.Itkin	7.25	64.00	464.00T
AC-05 Labour	S.Newman	1.50	42.00	63.00T
AC-10 Camp & Field Ge...	AC Camp & Field Gear Rental	24.00	60.00	1,440.00T
AC-11 AC House-Room ...	AC House-Room & Board	8.50	120.00	1,020.00T
AC-20 AC Miscellaneous	stove pipe & access		76.30	76.30T
	GST charged		5.00%	1,764.13
Subtotal		\$35,282.52		
GST No. 100247667	GST Total	\$1,764.13		
Total Payable		\$37,046.65		



**Archer, Cathro & Associates
(1981) Limited**

#1016 - 510 West Hastings Street
Vancouver, B.C.
V6B 1L8

Invoice

Date	Invoice #
9/30/2009	1672

Bill To

PROSPECTOR MOUNTAIN PROJECT
Tarsis Resources Ltd.

		Billing Period		
		SEPTEMBER/2009		
Budget Item	Description	Qty	Rate	Amount
	NON-ARCHER, CATHRO SERVICES & SUPPLIES			
NA-20 Assays	ALS Chemex - Inv#1955911	1.00	2,957.47	2,957.47T
NA-20 Assays	ALS Chemex - Inv#1957163	1.00	811.75	811.75T
NA-20 Assays	ALS Chemex - Inv#1964026	1.00	2,121.52	2,121.52T
NA-22 Camp Food & Co...	L.Corbett - PC-Sep.22/09 - camp supls	1.00	17.99	17.99T
NA-30 Non-AC Miscellan...	Inte Graphics - Inv#85871	1.00	6.66	6.66T
NA-25 Shipping & Trucki...	Corporate Couriers - Inv#162084	1.00	36.90	36.90T
NA-24 Airfare & Transpo...	CIBC Visa - Sep.9-Oct.8/09 - airfare M.Turner	1.00	196.23	196.23T
NA-24 Airfare & Transpo...	CIBC Visa - Sep.9-Oct.8/09 - airfare B.Wengzynowski	1.00	431.84	431.84T
NA-25 Shipping & Trucki...	Byers Transport - Inv#1001186756-00	1.00	42.14	42.14T
NA-20 Assays	Acme Analytical - Inv#VANI032948	1.00	601.06	601.06T
NA-20 Assays	ALS Chemex - Inv#1970887	1.00	764.25	764.25T
	Total Expenses			7,987.81
	ARCHER, CATHRO SERVICES & SUPPLIES			
AC-01 Management Fee	Management Fee on Non-Archer,Cathro Services & Supplies		8.00%	639.02T
AC-07 Office work	M.Gonzalvo	7.00	40.00	280.00T
AC-06 Expediting	L.Corbett	2.00	60.00	120.00T
AC-08 Senior Supervision	B.Wengzynowski	15.00	100.00	1,500.00T
AC-07 Office work	J.Itkin	1.25	64.00	80.00T
AC-07 Office work	J.Mariacher	6.50	70.00	455.00T
AC-05 Labour	M.Turner	4.00	70.00	280.00T
AC-07 Office work	M.Turner	1.50	70.00	105.00T
AC-08 Senior Supervision	B.Wengzynowski	6.00	100.00	600.00T
AC-11 AC House-Room ...	AC House-Room & Board	3.50	120.00	420.00T
AC-20 AC Miscellaneous	AA Batteries	8.00	1.35	10.80T
Subtotal				
GST No. 100247667		GST Total		
Total Payable				



Date	Invoice #
9/30/2009	1672

PROSPECTOR MOUNTAIN PROJECT
Tarsis Resources Ltd.

SEPTEMBER/2009

Page 2



**Archer, Cathro & Associates
(1981) Limited**

#1016 - 510 West Hastings Street
Vancouver, B.C.
V6B 1L8

Invoice

Date	Invoice #
10/31/2009	1709

Bill To

PROSPECTOR MOUNTAIN PROJECT
Tarsis Resources Ltd.

		Billing Period		
		OCTOBER/2009		
Budget Item	Description	Qty	Rate	Amount
	NON-ARCHER, CATHRO SERVICES & SUPPLIES			
NA-24 Airfare & Transpo...	Coporate Couriers - Inv#162972	1.00	13.53	13.53T
NA-26 Truck Rental & Fuel	Norcan Leasing - Inv#NOR-31995	1.00	116.75	116.75T
	Total Expenses			130.28
	ARCHER, CATHRO SERVICES & SUPPLIES			
AC-01 Management Fee	Management Fee on Non-Archer,Cathro Services & Supplies		8.00%	10.42T
AC-07 Office work	M.Gonzalvo	4.50	40.00	180.00T
AC-07 Office work	J.Mariacher	9.50	70.00	665.00T
AC-08 Senior Supervision	B.Wengzynowski	23.00	100.00	2,300.00T
AC-07 Office work	J.Itkin	2.75	64.00	176.00T
AC-07 Office work	S.Newman	11.00	40.00	440.00T
	GST charged		5.00%	195.09
Subtotal		\$3,901.70		
GST No. 100247667	GST Total	\$195.09		
Total Payable		\$4,096.79		

Heli Dynamics Ltd.

Heli Dynamics Ltd.

Helicopter Charter Services

P.O. Box 4, Whitehorse, Yukon
Canada Y1A 5X9

Phone: (867) 668-3536 or 667-4971

Fax: (867) 668-5637

E-mail: helidynamics@northwestel.net

INVOICE No.

8359

[illegible]

G S T Reg. No.: 102320090

SUMMARY	AMOUNT	G.S.T.	TOTAL
1.4 Hours FLYING	1470. ⁰⁰	73.50	1543.50
Hours FUEL & OIL			
Expenses			
Misc.			
TOTALS			
GRAND TOTAL			\$ 1543.50 ✓

Payments must be made monthly on accounts, or 2% interest will be charged.

Payments must be made monthly on accounts, or 2% interest will be charged.

Heli Dynamics Ltd.

Heli-Dynamics Ltd.

Helicopter Charter Services

P.O. Box 4, Whitehorse, Yukon

Canada YIA 5X9

Phone: (867) 668-3536 or 667-4971

Fax: (867) 668-5637

E-mail: helidynamics@northwestel.net

INVOICE No.

7960

Charterer Billing Address						Customer P.O. #		
<u>Archer Cathro</u>						<u>[Signature]</u>		
						Flight Authorized By :		
Aircraft : GRFD		Type : 206	Rate/Hour : 1050		Pilot : Bruce Stuart			
Date : Aug 7/09	POSTED		Fuel : [] HD	[x] Customer	Base : Semoia			
From :			To :	Time Up	Time Down	Flight Time		
Semoia → Revenue			1221	¹²⁴⁵ ~~1245~~	0.4			
Revenue → camp, rtn			1323	1402	0.6			
Revenue → camp, aborted weather			1420	1450	0.6			
inter al load → camp - rtn / weather			1710	1810	1.0			
Revenue → camp, net load			1830	1915	0.7			
FUEL @ Litres/hr			TOTAL REV HOURS				3.3	
Fuel Costs/Litre \$								

G.S.T. Reg. No.: 102320090

SUMMARY	AMOUNT	G.S.T.	TOTAL
3.3 Hours FLYING 1,050 ⁰⁰	3,465 ⁰⁰	173.25	3,638.25
Hours FUEL & OIL			
Expenses			
Misc.			
TOTALS			
GRAND TOTAL			3638.25 ✓

Payments must be made monthly on accounts, or 2% interest will be charged.



Heli Dynamics Ltd.

Heli Dynamics Ltd.

Helicopter Charter Services

P.O. Box 4, Whitehorse, Yukon
Canada Y1A 5X9

Phone: (867) 668-3536 or 667-4971

Fax: (867) 668-5637

E-mail: helidynamics@northwestel.net

INVOICE No.

7988

Charterer Billing Address		Customer P.O. #	
Archie Cathie			
Proposed Alt.		Flight Authorized By:	
		B. Allen	
Aircraft: CRFD	Type: 206B	Rate/Hour: 1050	Pilot: Bruce Stuart
Date: Aug 18/09	Fuel: [] HD [X] Customer	Base: Sanoia	
From:	To:	Time Up	Time Down
Sanoia → Matt's camp → Revenue		1130	1200
Revenue → Bill's camp → Matt's → Bill's →			
Matt's → Bill's → Matt's → Revenue		1217	1330
Revenue → Sanoia		1345	1404
Aug 22/09	A		
Sanoia → camp		1225	1247
Camp → Revenue → camp → Revenue		1302	1354
at Sanoia			
Fuel Costs/Litre \$	TOTAL REV HOURS		
FUEL @	Litres/hr	3.6	

G.S.T. Reg. No.: 102320090

SUMMARY	AMOUNT	G.S.T.	TOTAL
3.6 Hours FLYING 10500	37800	1890	39690
Hours FUEL & OIL	61560	3078	64638
Expenses			
Misc.			
TOTALS			
GRAND TOTAL			461538

Payments must be made monthly on accounts, or 2% interest will be charged.

\$3969.00



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd

212 Brooksbank Avenue
North Vancouver BC V7J 2C1

Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED

1016-510 W HASTINGS ST

VANCOUVER BC V6B 1L8

Page 1 of 1

INVOICE NUMBER 1935955

BILLING INFORMATION

Certificate: **VA09073355**

Sample Type: **Soil**

Account: **F**

Date: **24-JUL-2009**

Project: **PROSPECTOR MTN.**

P.O. No.:

Quote: **ALSC-CW09-032-F-R1**

Terms: **Net 30 Days**

Comments:

C1

ANALYSED FOR			UNIT	
QUANTITY	CODE	DESCRIPTION	PRICE	TOTAL
20	PREP-41	Dry, Sieve (180 um) Soil Rush Charges X 2.0	2.24	44.80
7.90	PREP-41	Weight Charge (kg) - Dry, Sieve (180 um) Soil Rush Char	3.60	28.44
20	Au-AA23	Au 30g FA-AA finish Rush Charges X 2.0	20.38	407.60
20	ME-ICP41	35 Element Aqua Regia ICP-AES Rush Charges X 2.0	9.44	188.80
20	GEO-AR01	Aqua regia digestion Rush Charges X 2.0	4.70	94.00

Handwritten:
7/24
Prospector Mt
NA 20

SUBTOTAL (CAD) \$ 763.64

R100938885 GST \$ 38.18

TOTAL PAYABLE (CAD) \$ 801.82

To: ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED

ATTN: ACCOUNTS PAYABLE

1016-510 W HASTINGS ST

VANCOUVER BC V6B 1L8

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name:

Bank:

SWIFT:

Address:

Account:

ALS Canada Ltd.

Royal Bank of Canada

ROYCCAT2

Vancouver, BC, CAN

003-00010-1001098

Please Remit Payments To :

ALS Chemex

212 Brooksbank Avenue
North Vancouver BC V7J 2C1



ALS Chemex

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ALS Canada Ltd

212 Brooksbank Avenue
North Vancouver BC V7J 2C1

Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Page 1 of 1

INVOICE NUMBER 1942065

BILLING INFORMATION

Certificate: **VA09073356**
Sample Type: **Rock**
Account: **F**
Date: **5-AUG-2009**
Project: **PROSPECTOR MTN.**
P.O. No.:
Quote: **ALSC-CW09-032-F-R1**
Terms: **Net 30 Days**
Comments:

A ✓

C1

ANALYSED FOR			UNIT	
QUANTITY	CODE	DESCRIPTION	PRICE	TOTAL
35	PREP-31A	Crush, Split, Pulverize	5.04	176.40
36.36	PREP-31A	Weight Charge (kg) - Crush, Split, Pulverize	0.52	18.91
35	Au-AA23	Au 30g FA-AA finish	10.19	356.65
3	Au-GRA21	Au 30g FA-GRAV finish	13.34	40.02
35	ME-ICP41	35 Element Aqua Regia ICP-AES	4.72	165.20
12	Ag-OG46	Ore Grade Ag - Aqua Regia	1.58	18.96
15	ME-OG46	Ore Grade Elements - AquaRegia	1.58	23.70
1	Cu-OG46	Ore Grade Cu - Aqua Regia	1.58	1.58
11	Pb-OG46	Ore Grade Pb - Aqua Regia	1.58	17.38
3	Pb-VOL70	Pb by Titration	23.59	70.77
35	GEO-AR01	Aqua regia digestion	2.35	82.25
15	ASY-AR01	Assay Aqua Regia Digestion	3.92	58.80

Proposed NA 20

SUBTOTAL (CAD) \$ 1,030.62

R100938885 GST \$ 51.53

TOTAL PAYABLE (CAD) \$ 1,082.15

To: ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED
ATTN: ACCOUNTS PAYABLE
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name: ALS Canada Ltd.
Bank: Royal Bank of Canada
SWIFT: ROYCCAT2
Address: Vancouver, BC, CAN
Account: 003-00010-1001098

Please Remit Payments To :

ALS Chemex

212 Brooksbank Avenue
North Vancouver BC V7J 2C1



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd

2103 Dollarton Hwy

North Vancouver BC V7H 0A7

Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED

1016-510 W HASTINGS ST

VANCOUVER BC V6B 1L8

Page 1 of 1

INVOICE NUMBER 1955911

BILLING INFORMATION

Certificate: **VA09093546**

Sample Type: **Rock**

Account: **F**

Date: **17-SEP-2009**

Project: **Prospector Mountain**

P.O. No.:

Quote: **ALSC-CW09-032-F-R1**

Terms: **Net 30 Days**

Comments:

C1

ANALYSED FOR			UNIT PRICE	TOTAL
QUANTITY	CODE	DESCRIPTION		
110	PREP-31A	Crush, Split, Pulverize	5.04	554.40
130.48	PREP-31A	Weight Charge (kg) - Crush, Split, Pulverize	0.52	67.85
107	Au-AA23	Au 30g FA-AA finish	10.19	1,090.33
3	Au-AA23	Au 30g FA-AA finish	10.19	30.57
110	ME-ICP41	35 Element Aqua Regia ICP-AES	4.72	519.20
17	Ag-OG46	Ore Grade Ag - Aqua Regia	1.58	26.86
31	ME-OG46	Ore Grade Elements - AquaRegia	1.58	48.98
8	Zn-OG46	Ore Grade Zn - Aqua Regia	1.58	12.64
3	Ag-GRA21	Ag 30g FA-GRAV finish	14.14	42.42
1	Cu-OG46	Ore Grade Cu - Aqua Regia	1.58	1.58
26	Pb-OG46	Ore Grade Pb - Aqua Regia	1.58	41.08
6	Pb-VOL70	Pb by Titration	23.59	141.54
110	GEO-AR01	Aqua regia digestion	2.35	258.50
31	ASY-AR01	Assay Aqua Regia Digestion	3.92	121.52

*Prospector
N.A. 20*

SUBTOTAL (CAD) \$ 2,957.47

R100938885 GST \$ 147.87

TOTAL PAYABLE (CAD) \$ 3,105.34

To: ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED

ATTN: ACCOUNTS PAYABLE

1016-510 W HASTINGS ST

VANCOUVER BC V6B 1L8

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name:

Bank:

SWIFT:

Address:

Account:

ALS Canada Ltd.

Royal Bank of Canada

ROYCCAT2

Vancouver, BC, CAN

003-00010-1001098

Please Remit Payments To :

ALS Chemex

2103 Dollarton Hwy

North Vancouver BC V7H 0A7



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd

2103 Dollarton Hwy

North Vancouver BC V7H 0A7

Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED

1016-510 W HASTINGS ST

VANCOUVER BC V6B 1L8

Page 1 of 1

INVOICE NUMBER 1957163

BILLING INFORMATION

Certificate: **VA09094852**

Sample Type: **Rock**

Account: **F**

Date: **21-SEP-2009**

Project: **PROSPECTOR MTN**

P.O. No.:

Quote: **ALSC-CW09-032-F-R1**

Terms: **Net 30 Days**

Comments:

C1

ANALYSED FOR			UNIT	
QUANTITY	CODE	DESCRIPTION	PRICE	TOTAL
27	PREP-31A	Crush, Split, Pulverize	5.04	136.08
20.98	PREP-31A	Weight Charge (kg) - Crush, Split, Pulverize	0.52	10.91
27	Au-AA23	Au 30g FA-AA finish	10.19	275.13
9	Au-GRA21	Au 30g FA-GRAV finish	13.34	120.06
27	ME-ICP41	35 Element Aqua Regia ICP-AES	4.72	127.44
8	Ag-OG46	Ore Grade Ag - Aqua Regia	1.58	12.64
8	ME-OG46	Ore Grade Elements - AquaRegia	1.58	12.64
1	Ag-GRA21	Ag 30g FA-GRAV finish	14.14	14.14
5	Cu-OG46	Ore Grade Cu - Aqua Regia	1.58	7.90
27	GEO-AR01	Aqua regia digestion	2.35	63.45
8	ASY-AR01	Assay Aqua Regia Digestion	3.92	31.36

*Prospector
NA 20*

SUBTOTAL (CAD) \$ 811.75

R100938885 GST \$ 40.59

TOTAL PAYABLE (CAD) \$ 852.34

To: **ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED**

ATTN: ACCOUNTS PAYABLE

1016-510 W HASTINGS ST

VANCOUVER BC V6B 1L8

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name:

Bank:

SWIFT:

Address:

Account:

ALS Canada Ltd.

Royal Bank of Canada

ROYCCAT2

Vancouver, BC, CAN

003-00010-1001098

Please Remit Payments To :

ALS Chemex

2103 Dollarton Hwy

North Vancouver BC V7H 0A7

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ALS Canada Ltd

2103 Dollarton Hwy

North Vancouver BC V7H 0A7

Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Page 1 of 1

INVOICE NUMBER 1964026**BILLING INFORMATION**Certificate: **VA09093601**Sample Type: **Soil**Account: **F**Date: **21-SEP-2009**Project: **Prospector Mountain**

P.O. No.:

Quote: **ALSC-CW09-032-F-R1**Terms: **Net 30 Days**

Comments:

C1

		ANALYSED FOR		UNIT PRICE	TOTAL
QUANTITY	CODE	-	DESCRIPTION		
248	PREP-41		Dry, Sieve (180 um) Soil	0.96	238.08
52.60	PREP-41		Weight Charge (kg) - Dry, Sieve (180 um) Soil	1.80	94.68
248	ME-ICP41		35 Element Aqua Regia ICP-AES	4.72	1,170.56
5	ME-OG46		Ore Grade Elements - AquaRegia	1.58	7.90
5	Pb-OG46		Ore Grade Pb - Aqua Regia	1.58	7.90
248	GEO-AR01		Aqua regia digestion	2.35	582.80
5	ASY-AR01		Assay Aqua Regia Digestion	3.92	19.60

Handwritten signature
NA 10

To: **ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED**
ATTN: ACCOUNTS PAYABLE
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

SUBTOTAL (CAD) \$ 2,121.52

R100938885 GST \$ 106.08

TOTAL PAYABLE (CAD) \$ 2,227.60

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name:

Bank:

SWIFT:

Address:

Account:

ALS Canada Ltd.

Royal Bank of Canada

ROYCCAT2

Vancouver, BC, CAN

003-00010-1001098

Please Remit Payments To :

ALS Chemex

2103 Dollarton Hwy

North Vancouver BC V7H 0A7



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd

2103 Dollarton Hwy

North Vancouver BC V7H 0A7

Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Page 1 of 1

INVOICE NUMBER 1970887

BILLING INFORMATION

Certificate: **VA09109527**
Sample Type: **Soil**
Account: **F**
Date: **9-OCT-2009**
Project: **Prospector Mountain**
P.O. No.:
Quote: **ALSC-CW09-032-F-R1**
Terms: **Net 30 Days**
Comments:

C1

AK

ANALYSED FOR			UNIT	
QUANTITY	CODE	DESCRIPTION	PRICE	TOTAL
75	Au-AA23	Au 30g FA-AA finish	10.19	764.25

Prospector
NAVO

SUBTOTAL (CAD) \$ 764.25

R100938885 GST \$ 38.21

TOTAL PAYABLE (CAD) \$ 802.46

To: ARCHER, CATHRO AND ASSOCIATES (1981) LIMITED
ATTN: ACCOUNTS PAYABLE
1016-510 W HASTINGS ST
VANCOUVER BC V6B 1L8

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name: ALS Canada Ltd.
Bank: Royal Bank of Canada
SWIFT: ROYCCAT2
Address: Vancouver, BC, CAN
Account: 003-00010-1001098

Please Remit Payments To :

ALS Chemex

2103 Dollarton Hwy
North Vancouver BC V7H 0A7



Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East
Vancouver, BC Canada V6A 4A3
Phone 604 253 3158 Fax 604 253 1716
GST # 843013921 RT

Bill To: Archer, Cathro & Assoc. (1981) Ltd.
1016 - 510 W. Hastings St.
Vancouver, BC V6B 1L8
Canada

Invoice Date: October 9, 2009
Invoice Number: **VANI032948**
Submitted by: Bill Wengzynowski
Job Number: VAN09004605
Order Number:
Project Code: Prospector Mountain
Shipment ID:
Quote Number:

Item	Package	Description	Sample No.	Unit Price	Amount
1	R200-250	Crush and Pulverize 250 g	17	\$6.85	\$116.45
2	R200-250	Overweight prep charges per 100g	1	\$0.16	\$0.16
3	XWSH	Wash with glass between samples	17	\$1.25	\$21.25
4	DIS-PLP	Warehouse disposition of pulps	17	\$0.10	\$1.70
5	DIS-RJT	Warehouse disposition of reject	17	\$0.25	\$4.25
6	G601	30g Au Fire Assay	17	\$15.25	\$259.25
7	G601-G612	30g Fire assay Au gravimetric finish	8	\$18.50	\$148.00
8	BATCH	Batch Surcharge for <20 samples	1	\$50.00	\$50.00
			Net Total		\$601.06
			Canadian GST		\$30.05
			Grand Total	CAD	\$631.11

Invoice Stated In Canadian Dollars

Payment Terms:

This is a professional service. Payment due upon receipt. Please pay the last amount shown on the invoice.

For cheque payments, please remit payment to the above address, made payable to: Acme Analytical Laboratories (Vancouver) Ltd.
Please specify Acme invoice number on cheque remittance.

For electronic payments, please wire funds to one of the following accounts:

For payment in Canadian Funds:

Acme Analytical Laboratories (Vancouver) Ltd.
The Royal Bank of Canada
400 Main Street
Vancouver, BC Canada V6A 2T5
Account # 1034123
Bank Transit # 07120-003
Swift Code: ROYCCAT2

For payment in US Funds:

Acme Analytical Laboratories (Vancouver) Ltd.
The Royal Bank of Canada
400 Main Street
Vancouver, BC Canada V6A 2T5
Account # 4001533
Bank Transit # 07120-003
Swift Code: ROYCCAT2

Please specify Acme invoice number for reference on transfer forms when making payment.