

2012 Exploration Report

KAR Property

Watson Lake Mining District
Yukon Territory, Canada

Exploration Work: Soil, Stream Silt & Rock Sampling & Digital Data Compilation



2012 Exploration **Expenditures: \$13,293.02**

NTS map area **095D/09**
Latitude 60°32'N; Longitude 126°12'W

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Dated: December 2012



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1.0 Introduction

This report is a summary of the exploration work completed on the Kar Yukon property, carried out from February to October 2012. Through this period, Precipitate Gold Corp. carried out rock, soil and stream silt sampling, prospecting and digital data compilation. Fieldwork on the property was done by a 3 man crew on August 25, 2012 as part of a larger multi-property reconnaissance survey program. A total of 8 silt, 31 soil and 10 rock samples were collected in 2012.

This December 2012 exploration report is intended to fulfil Yukon Territory government assessment requirements to keep property claims in good standing. Precipitate has incurred **\$13,293.02** on property related exploration expenditures in 2012.

Reliance on Other Experts and Consultants

On August 25, 2012, Pierre Duc (Pika Exploration Inc.), Christian Kieslinger (Precipitate) and Chris Baldys (independent geological consultant) completed a rock and soil sampling and prospecting program covering a north-south trending river valley area within the central property area; as a follow up to the June 08, 2010 and September 11, 2011 Archer Cathro property visits to the main area of intrigue→ the north-south trending ‘colour gossan valley’ where white clay altered and iron oxide weathered sediments contain highly anomalous thallium concentrations (up to 460ppm in rocks; with elevated arsenic and vanadium) and no gold. A possible target area for Carlin style sediment hosted gold mineralization.

2.0 Property Description and Location

2.1 Area and Location

The Kar property is located in southeast Yukon, centered near 60°32′ N latitude - 126°12′ W longitude at UTM coordinates 653270E, 6713782N (NAD83) on NTS map sheet 095D/09 (Figure 2.1). Access to the property was provided by a Hughes 500D helicopter operated by Kluane Airways from Watson Lake, YT, which is located approximately 110 km south-southwest of the property. All personnel stayed at the Air Force Lodge in Watson Lake.

The community of Watson Lake is the nearest supply centre. The closest road access to the property is from the Alaska Highway, which at its nearest point is 95 km southwest of the property. The Alaska Highway is usable in all seasons by two wheel drive vehicles.

2.2 Claims and Title

The Kar property comprises 100 contiguous quartz claims within the Watson Lake Mining District, of which sixteen claims (Kar 1 to 16) are registered and 100% owned by Archer Cathro (held in trust for Strategic Metals) and the remaining claims are owned 100% by Precipitate Gold Corp. The claims cover an area about 2,025 hectares (Figure 2.2). Property claims have various good standing dates from October 18, 2013 to September 03, 2019. Table 2.2 below summarizes the property claim data.

PRECIPITATE GOLD CORP.

FIGURE 2.1

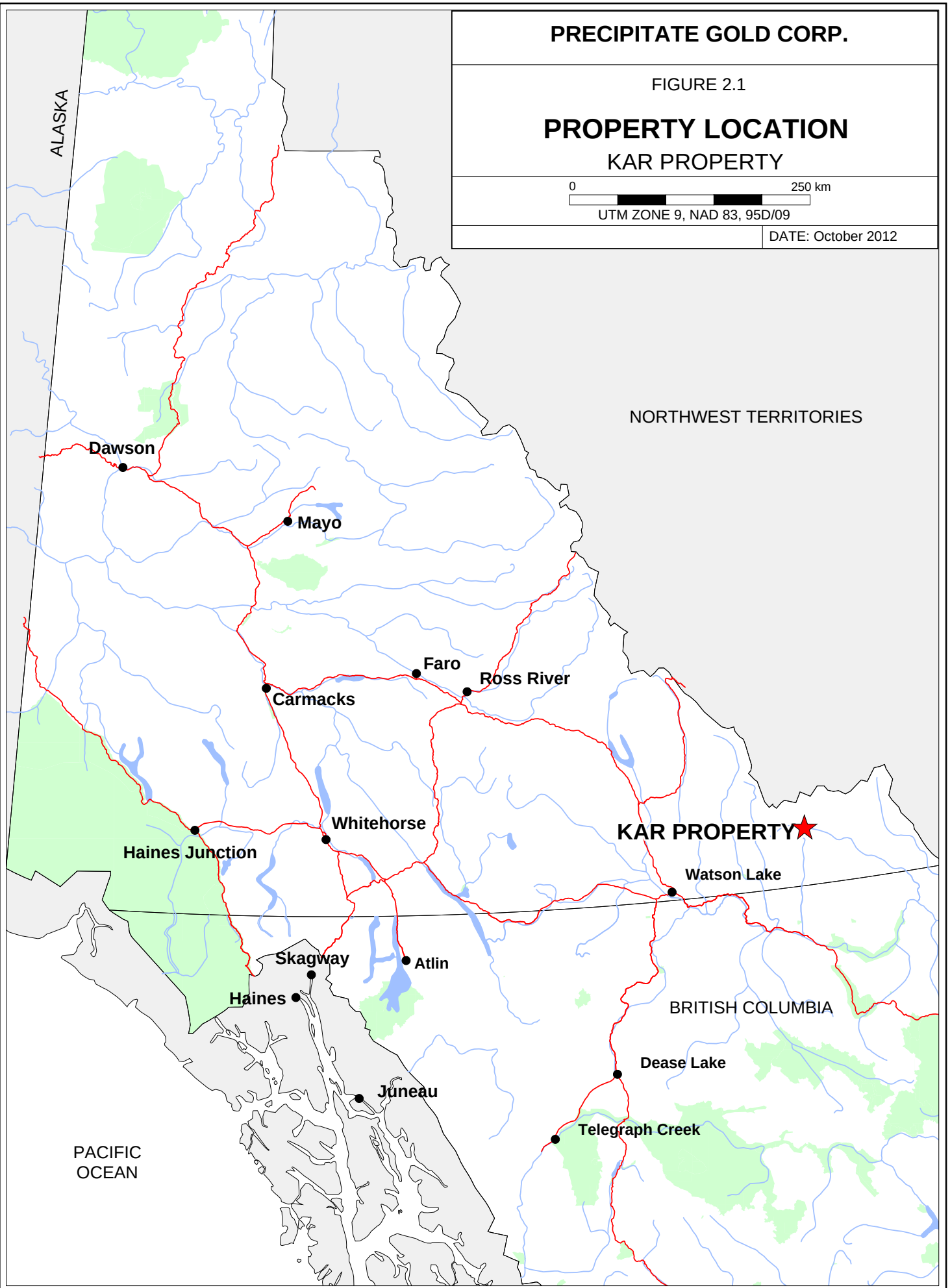
**PROPERTY LOCATION
KAR PROPERTY**

0 250 km
UTM ZONE 9, NAD 83, 95D/09

DATE: October 2012

NORTHWEST TERRITORIES

KAR PROPERTY ★



There are no First Nations reserves located on or in immediate proximity of the properties. The properties are located within the traditional lands of Kaska First Nation. This traditional territory is subject to land claim negotiations with the governments of Canada and Yukon.

Table 2.2 Kar Property Claims

Grant #	Name	#	Owner	Record Date	Expiry Date *
YD33869 to 884	KAR	1 to 16	AC 100%	06/03/2010	09/03/2019
YF27917 to 938	KAR	17 to 38	PRG 100%	28/09/2011	18/10/2013
YF27939 to 948	KAR	39 to 48	PRG 100%	28/09/2011	18/10/2014
YF27949 to 951	KAR	49 to 51	PRG 100%	28/09/2011	18/10/2013
YF27952	KAR	52	PRG 100%	28/09/2011	18/10/2014
YF27953	KAR	53	PRG 100%	28/09/2011	18/10/2013
YF27954 to 978	KAR	54 to 78	PRG 100%	28/09/2011	18/10/2014
YF27979	KAR	79	PRG 100%	28/09/2011	18/10/2013
YF27980	KAR	80	PRG 100%	28/09/2011	18/10/2013
YF27981	KAR	81	PRG 100%	28/09/2011	18/10/2014
YF27982	KAR	82	PRG 100%	28/09/2011	18/10/2013
YF27983	KAR	83	PRG 100%	28/09/2011	18/10/2014
YF27984	KAR	84	PRG 100%	28/09/2011	18/10/2013
YF27985	KAR	85	PRG 100%	28/09/2011	18/10/2014
YF27986	KAR	86	PRG 100%	28/09/2011	18/10/2013
YF27987	KAR	87	PRG 100%	28/09/2011	18/10/2013
YF27988	KAR	88	PRG 100%	28/09/2011	18/10/2013
YF27989	KAR	89	PRG 100%	28/09/2011	18/10/2014
YF27990	KAR	90	PRG 100%	28/09/2011	18/10/2013
YF27991 to 998	KAR	91 to 98	PRG 100%	28/09/2011	18/10/2014
YF27999	KAR	99	PRG 100%	28/09/2011	18/10/2013
YF28000	KAR	100	PRG 100%	28/09/2011	18/10/2013

*New Expiry date assumes full acceptance of the 2012 exploration expenditures

2.3 Accessibility, Climate, Local Resources, Infrastructure, and Physiography

The Kar property is situated in the Liard Plateau south of the Selwyn Mountains. It is drained by creeks that flow into the Beaver River, which ultimately connects to the Arctic Ocean via the Liard and Mackenzie Rivers.

Local elevations on the property range from 700 to 950 metres. Topographic relief in the area is gentle, although the property is cut by a few northward flowing, deeply incised valleys with steep walls. Outcrop is generally limited to the steeper exposures of the valley walls. The property lies entirely below treeline. Vegetation comprises black spruce and alder with an understory of low shrubs and moss.

Much of the overburden in the region is associated with the most recent Cordilleran ice sheet, the McConnell glaciation, which is believed to have covered south and central Yukon between 26,500 and 10,000 years ago (Yukon Geological Survey, 2010). The area was covered by the Liard Lobe of the ice sheet, which moved in an eastward to north-eastward direction. The Kar claim block encompasses a *large and thick glaciofluvial delta with some till deposits found along the property west side (J. Bond 2012 per comm), which greatly hinder normal surface geochemical methods.*

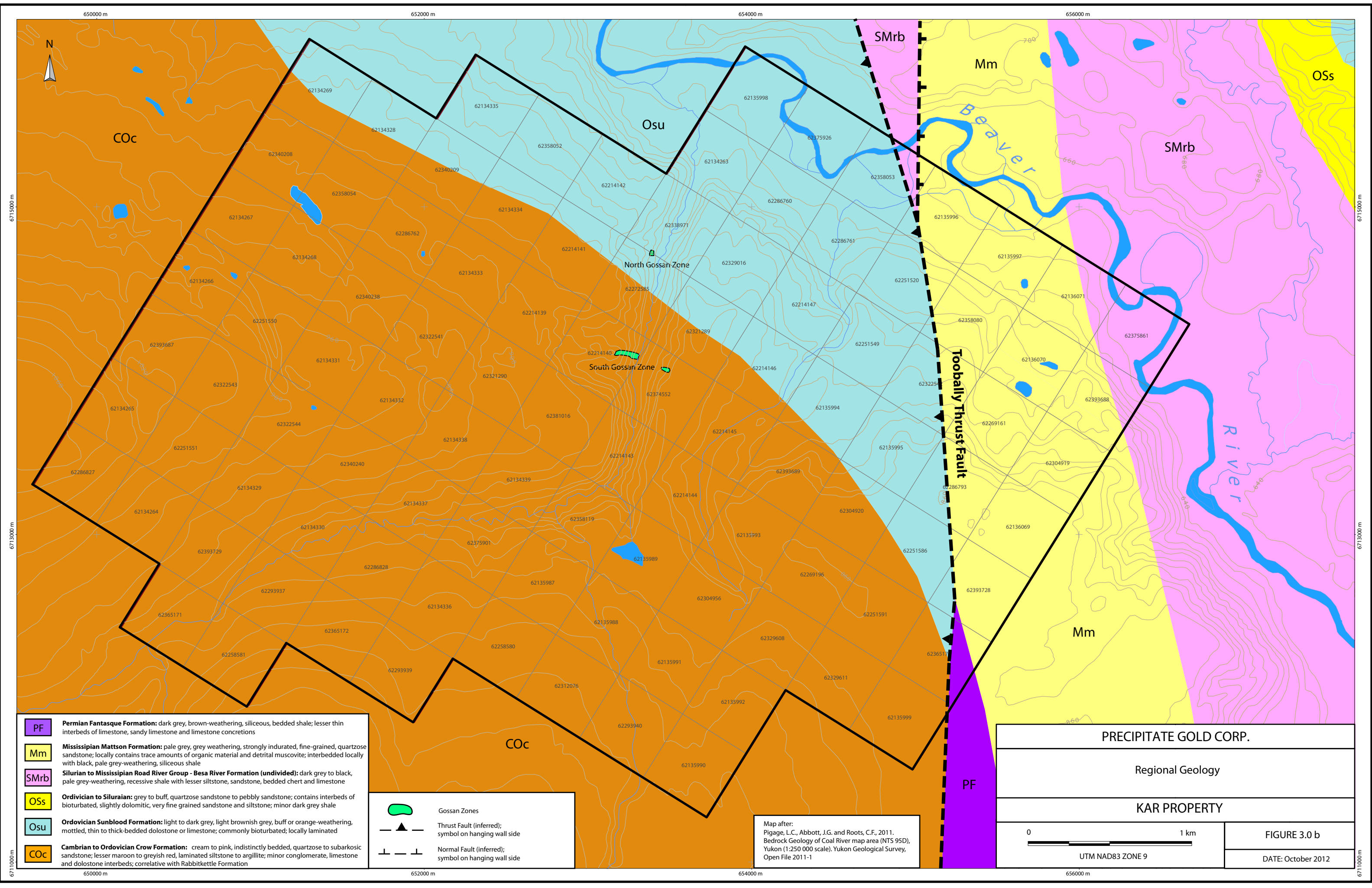
The climate in the Kar area is typical of northern continental regions with long, cold winters, truncated fall and spring seasons and short, mild summers. The property is mostly snow free from early June to late September.

3.0 Geology & Mineralization

The property lies within the Selwyn Basin (Figures 3.0a & b), a tectonic element comprising deep water clastic rocks with minor carbonate facies, which accumulated along the North American continental margin during Paleozoic time (Pigage, 2004).

The Kar property is dominantly underlain by rock units of the Cambrian-Ordovician Crow Formation and overlying Ordovician Sunblood Formation. In the eastern property area, Ordovician to Permian aged Road River Group (Besa River Fm), Mississippian Mattson Formation and Permian Fantasque Formations are thrust on these older sediments, separated by the north-south trending Toobally thrust.

Age	Name	Unit	Description
Permian	Fantasque Formation	PF	dark grey, brown-weathering, siliceous, bedded shale; lesser thin interbeds of limestone, sandy limestone and limestone concretions
Mississippian	Mattson Formation	Mm	pale grey, grey weathering, strongly indurated, fine-grained, quartzose sandstone; locally contains trace amounts of organic material and detrital muscovite; interbedded locally with black, pale grey-weathering, siliceous shale
Ordovician to Silurian	Road River Group Besa River Fm	SMrb	dark grey to black, pale grey-weathering, recessive shale with lesser siltstone, sandstone, bedded chert and limestone
Ordovician to Silurian	--	OSs	grey to buff, quartzose sandstone to pebbly sandstone; contains interbeds of bioturbated, slightly dolomitic, very fine grained sandstone and siltstone; minor dark grey shale
Ordovician	Sunblood Formation	Osu	Light to dark grey, light brownish grey-, buff- or orange-weathering, mottled, thin to thick bedded dolostone or limestone; commonly bioturbated; locally laminated.
Cambrian to Ordovician	Crow Formation	COc	Cream to pink, indistinctly bedded, quartzose to subarkosic sandstone; lesser maroon to greyish red, laminated siltstone to argillite; minor quartz-sandstone conglomerate, limestone and dolostone interbeds.



PF	Permian Fantasque Formation: dark grey, brown-weathering, siliceous, bedded shale; lesser thin interbeds of limestone, sandy limestone and limestone concretions
Mm	Mississippian Mattson Formation: pale grey, grey weathering, strongly indurated, fine-grained, quartzose sandstone; locally contains trace amounts of organic material and detrital muscovite; interbedded locally with black, pale grey-weathering, siliceous shale
SMrb	Silurian to Mississippian Road River Group - Besa River Formation (undivided): dark grey to black, pale grey-weathering, recessive shale with lesser siltstone, sandstone, bedded chert and limestone
OSs	Ordovician to Silurian: grey to buff, quartzose sandstone to pebbly sandstone; contains interbeds of bioturbated, slightly dolomitic, very fine grained sandstone and siltstone; minor dark grey shale
Osu	Ordovician Sunblood Formation: light to dark grey, light brownish grey, buff or orange-weathering, mottled, thin to thick-bedded dolostone or limestone; commonly bioturbated; locally laminated
COc	Cambrian to Ordovician Crow Formation: cream to pink, indistinctly bedded, quartzose to subarkosic sandstone; lesser maroon to greyish red, laminated siltstone to argillite; minor conglomerate, limestone and dolostone interbeds; correlative with Rabbitkettle Formation

	Gossan Zones
	Thrust Fault (inferred); symbol on hanging wall side
	Normal Fault (inferred); symbol on hanging wall side

Map after:
Pigage, L.C., Abbott, J.G. and Roots, C.F., 2011.
Bedrock Geology of Coal River map area (NTS 95D),
Yukon (1:250 000 scale). Yukon Geological Survey,
Open File 2011-1

PRECIPITATE GOLD CORP.	
Regional Geology	
KAR PROPERTY	
 UTM NAD83 ZONE 9	FIGURE 3.0 b DATE: October 2012

Kar property claims cover a well-known north-south trending valley that is marked by at least two distinct colour gossans (*North and South Gossan zones*, see Fig 3.0b), where white clay altered and iron oxide (“FeOx”) weathered Cambrian to Ordovician sediments contain local highly anomalous thallium concentrations (up to 460ppm in rocks; with associated elevated arsenic and vanadium). While sampling to date has yet to yield a single anomalous gold value, the area is a possible target for Carlin style sediment hosted gold mineralization.

The South or Main gossan contains indurated, subarkosic sandstones of the Crow Formation that have been pervasively altered to a white-yellow, soft, non-indurated, bedded fine siltstone (Pigage et. al., 2010). The North gossan lies about 600 metres downstream or north of the South Gossan and has a smaller surface extent. Outcropping dolostone and fine grained clastic rocks found between the North and South gossans are also locally white-buff-yellow clay altered. The colour gossans are exposed on the walls of the deeply incised valley and reportedly project to the east and west, roughly perpendicular to the valley orientation; being masked outside the valley by the pervasive glaciofluvial deltaic sediment cover.

Iron oxide mineralization at Kar primarily comprises layered to massive ferricrete, containing rusty to blood red, local boxwork textured goethite-jarosite-limonite (after pyrite). Goethite is reported to be dense but has strongly fractured and decomposed sections.

4.0. Exploration

4.1 Historical Exploration (modified after Eaton Nov 2011)

In 1963, Frances River Syndicate (Canex Aerial Explorations Ltd., Kerr Addison Mines Ltd. and Newconex Canadian Exploration Ltd.) discovered a prominent gossan within dolostone and sandstone (Deklerk and Traynor, 2005).

In 1966, Atlas Exploration Ltd. staked the Too claims (1-20) over the gossan and completed limited geological mapping and geochemical sampling. Anomalous lead values were obtained from the gossan (no report is available for this work). The Too claims were allowed to expire.

In 1979, Getty Canadian Minerals Ltd. re-staked the gossan as the Karen claims (1-32). No work was reported and the claims subsequently lapsed.

In 2009, the Yukon Geological Survey (YGS) visited the gossan during a regional mapping program (Pigage et. al., 2010). The YGS collected samples from the South gossan and adjacent, pervasively altered sandstone. The YGS FeOx gossan samples returned anomalous values for arsenic (185.5 ppm), zinc (218.2 ppm), lead (38.2 ppm), nickel (95.9 ppm), cobalt (90.5 ppm), manganese (>10,000 ppm) and iron (33.2%).

In spring 2010, Strategic Metals staked the gossan valley and later that summer (June 08, 2010) collected 11 rock and chip samples from the gossan valley and adjacent altered sandstone. The company also took 24 grid soil samples on a plateau to the east of the main South gossan (~along the projected strike). Later that year, Strategic Metals optioned the property to Precipitate Gold as part of a multi-property option deal called the Fireside Agreement. In September 2011,

Precipitate (via an Archer Cathro field crew) collected an additional 12 rock and composite rock samples from the South and North gossan-clay altered areas.

South gossan rock samples collected in 2010 and 2011 report weak to strong values in arsenic (59 to 618 ppm), zinc (249 to 1,060 ppm) and thallium (3 to 90 ppm). All gold and silver values are poor, with very weak peak values of 19 ppb gold and 1.8 ppm silver (2010 samples G285658 and G285661 collected from the South gossan's east side exposure). Two composite rock samples of ferricrete from the smaller, downstream North gossan yielded very anomalous arsenic and thallium values, with sub-anomalous zinc, gold and silver values. A five piece composite sample (K976882) taken across five metres returned 6630 ppm arsenic and 460 ppm thallium, while a nearby '20 piece composite' sample collected across ~ 15m yielded 3110 ppm arsenic and 115.5 ppm thallium (K976883). Two samples of float were collected from local landslide debris between the two gossans; a yellow-grey weathered, partly decomposed, green-orange clay altered dolostone yielded 548 ppm arsenic and 90.2 ppm thallium (K976880), while a nearby rock sample of mostly goethite yielded 6490 ppm arsenic and 4.21 ppm thallium (K976881). Both K976880 and K976881 returned sub-anomalous values for zinc, gold and silver. In 2013, retained specimens of 2011 rock samples K976880, K976882 & K976883 were analyzed and reviewed in detail to confirm the habit of the thallium enrichment.

4.2 Precipitate 2012 Exploration

From February to October 2012, Precipitate carried out soil, silt and rock sampling, prospecting and digital data/map compilation. The 2012 fieldwork was carried out on August 25 by a 3 man crew; a total of 8 silt, 31 soil and 10 rock samples were collected and analysed. A total of \$13,293.02 in expenditures was incurred. In the period from December 2012 to March 2013 three retained specimens of 2011 rock samples (K976880, K976882 & K976883) were analyzed and reviewed in detail to confirm the habit of the thallium enrichment.

Compilation maps for 2012 sample locations and results for gold, silver, arsenic, copper, mercury, lead, antimony, strontium, thallium and zinc are in Appendix I. Appendix II contains rock, silt and soil descriptions and locations and also details for the 2013 'thallium review' for three property rocks. Certificates of Analysis are provided in Appendix III.

Table 4.2 Exploration Expenditures 2012

Geological Consulting	
Korpach, I. Gal, Pika exploration, C. Baldys, C. Kieslinger	\$3,774.30
Air Support: Kluane Airways Ltd	\$2,781.25
Accommodations, Transportation and Shipping	\$650.00
Soil-Rock Sampling & Analytical: Acme (31 soils, 8 silt, 10 rocks)	\$1,179.01
Field Supplies, Maps, Air photo Images	\$200.00
Report: Moore, Kieslinger, Korpach, Baldys	\$3,500.00
subtotal	\$12,084.56
Office and General Management @ 10%	\$1,208.46
TOTAL	\$13,293.02

Data Compilation and Maps

A comprehensive review, screening and restructuring of the property historical and 2012 geochemical, surveying and geological data was carried out. All relevant property data is now fully digitized to a Manifold GIS platform, on a NAD 83 topographic base.

Soil Geochemical Surveys

In 2012, a total of 31 Ah horizon soil samples were collected on the plateaus of the main gossan valley. A test Ah horizon soil survey (along northward trending lines) was conducted to investigate its possible effectiveness for 'seeing through' the glacial till cover. On the west side of the valley 100 metre spaced Ah soil samples were taken along two 200m spaced lines. On the east side of the valley a single line of 50m spaced samples was collected.

In general, the results of the three test lines of Ah soil sampling did not conclusively help identify Tl-As enrichment or other elements for that matter. Nonetheless, a comparison of Ah and B horizon analytical results appears to show that Ah maybe effective for certain critical elements, such as Ag, As, Hg and Tl; although these variations could also be reflecting the differences in the analytical methods for the two soil types (?). The sample compilation maps show that the irregularly located Ah & B horizon soil anomalies are mostly likely reflective of areas of shallow cover as samples collected in areas which appear to have thicker glacial tills report mostly subdued pathfinder element values, relative to those more anomalous samples collected closer to the river valley and nearby topographic lows. Additional test soil surveys are necessary to provide convincing guidance for an effective means to reliably identify an expression of underlying altered sediments masked by deep tills.

Silt Geochemical Surveys

As part of a looping prospecting traverse over the plateau west of the gossan valley, a total of 8 silt samples were taken within the gossan valley creek to serve as a baseline for future silt sampling in neighbouring property drainages. Together with three property based government regional silt samples collected along the same gossan creek, results show that almost all samples yield sub-anomalous gold, silver, antimony, lead and zinc values. Interestingly, 2012 silt sample 157251 collected at the immediate headwaters of the colour gossans reported the only meaningful anomalous thallium value of 5.5 ppm (with As 55 ppm, Sb 0.8ppm). Most elevated arsenic in-silt values are located downstream of the South-North gossans. Notably, a government silt sample collected off a small north-south trending tributary, located due south the gossans reported anomalous As, Hg, Pb, Zn and Cu values and should be followed up.

Rock Geochemical Surveys

A total of 10 rock samples were taken during a prospecting loop on the plateau west of the main gossan creek. On the whole, 2012 rock sample analytical results are disappointing; yielding no significant precious or pathfinder element values. Sample 1528131, collected upslope and west of the North gossan reported the highest Tl values of 4.55 ppm, while sample 157228, collected from subcrop upslope and west of the South gossan, yielded the 'high' gold value of 1.8 ppb (with 0.24 ppm Tl). Rock sample descriptions indicate that rock types vary from sandstone to conglomerate and that the white-yellow clay alteration has been observed in some outcrops west of the valley.

Thallium review for 2011 rock samples K976880, K976882 & K976883

Three retained specimens of 2011 rock samples (K976880, K976882 & K976883) were analyzed and reviewed in detail to determine the habit of the thallium enrichment. Detailed XRD and microscopy work on three property rocks samples indicates that thallium has a strong positive correlation with potassium (0.99 coeff.) and that Tl maybe dispersed within the clay-rich matrix of the samples. Also, second likely mineral hosts for thallium are pyrite and/or arsenopyrite; locally found in oxidized outcrops as ferricrete (goethite and jarosite) (Colombo 2013). Appendix II and III contain these reports. Interestingly, XRD analysis of the sample of *yellow-buff white clay altered dolostone is nearly pure quartz with trace kaolinite*.

Sample Statistical Thresholds

Au (ppb)	Ag (ppm)	As (ppm)	Cu (ppm)	Hg (ppb)	Pb (ppm)	Sb (ppm)	Sr (ppm)	Tl (ppm)	Zn (ppm)	Percentile
B Horizon Soils 2010 (n=24)										
< 0.3	< 0.10	< 14	< 13	< 500	< 25	< 1	< 21	< 5	< 157	<i>sub-anomalous</i>
0.3	0.10	14	13		25	1	21	5	157	<i>70%</i>
0.5	0.14	17	16		26	1	31	5	169	<i>80%</i>
2.0	0.20	25	18	500	30	3	108	5	202	<i>90%</i>
3.0	0.40	32	24	1000	64	4	720	5	227	<i>maximum</i>
Ah Horizon Soils 2012 (n=31)										
< 0.3	< 0.4	< 15.9	< 8.5	< 140	< 8.7	< 0.9	< 21	< 0.6	< 43	<i>sub-anomalous</i>
0.3	0.4	15.9	8.5	140	8.7	0.9	21	0.6	43	<i>70%</i>
0.5	0.5	28.1	11.6	150	11.8	1.3	33	1.4	60	<i>80%</i>
0.7	0.7	76.4	15.6	180	15.3	2.2	54	2.8	82	<i>90%</i>
3.5	1.2	190.9	34.3	340	34.8	5.8	137	5.3	225	<i>maximum</i>
Silts 2012 (n=8)										
< 2.7	< 0.05	< 8.8	< 11.3	< 60	< 6.1	< 0.6	< 34	< 0.4	< 24	<i>sub-anomalous</i>
2.7	0.05	8.8	11.3	60	6.1	0.6	34	0.4	24	<i>70%</i>
3.4	0.05	11.3	14.6	70	6.7	0.7	42	0.5	25	<i>80%</i>
4.4	0.05	25.4	17.4	130	7.4	0.9	47	2.0	40	<i>90%</i>
6.2	0.05	55.1	19.0	250	8.3	1.3	51	5.6	77	<i>maximum</i>
Rocks 2010, 2011, 2012 (n=34)										
< 2.5	< 0.4	< 129.6	< 12.5	< 45	< 21.1	< 5.1	< 50.2	< 10	< 339	<i>sub-anomalous</i>
2.5	0.4	129.6	12.5	45	21.1	5.1	50.2	10	339	<i>70%</i>
2.5	0.5	252.0	17.5	266	23.2	6.0	56.6	20	369	<i>80%</i>
4.0	0.6	597.0	22.9	517	32.1	7.0	92.0	81	522	<i>90%</i>
19.1	1.9	6631.0	33.1	2981	90.1	17.1	294.0	461	1061	<i>maximum</i>

5.0 Sampling Methods, Preparation, Analysis and Security

All stream sediment and Ah soil samples were collected using a stainless steel shovel or trowel. For stream sediments where the creek bed in the sample location was coarse, a sieve with mesh #25 (0.7mm) was used to eliminate the coarse fraction. If the creek bed consisted of mostly silt and clay, or the sample location was a dry creek bed, no sieving was performed. Between 0.5 and 1 pound of fine material was placed in a Kraft paper bag and closed with a piece of flagging tape. All the sample locations were marked with one large piece of pink flagging tape attached to a tree or bush. One aluminium tag with the sample number written on was attached to the flagging tape. At all sample location, one photo was taken and UTM's, colour, texture, trap type, moisture contents, sieve size, and comments recorded. All samples were air-dried while in camp and packed in rice bags for shipping to the ACME prep lab in Whitehorse Yukon. No blanks or samples standards were added to the silt or rock sample shipments.

All rock samples were collected using either a geotool or an Estwing hammer. Rock samples were placed in a plastic bag together with a Acme sample tag. Bags were sealed with flagging tape. All field sample locations are marked with flagging tape and sample number. The location of each sample is recorded in UTM coordinates (NAD83 datum), with the aid of a hand-held GPS (Garmin Map60CS; accuracy $\pm 10\text{m}$). All rock samples were packed in rice bags and shipped Acme's prep laboratory in Whitehorse Yukon.

Silt and soil Preparation and Analysis

At the Acme prep lab, silts were dried at 60° C, sieved with a -80 mesh, before being sent to the Vancouver BC lab where they were analysed for 37 elements using an aqua regia digestion followed by inductively coupled plasma combined with mass spectroscopy and atomic emission spectroscopy. (Preparation code: SS80; Analyses code: 1DX2, Disposal code: DISP2)

Rocks Preparation and Analysis

At the Acme prep lab, rocks were dried, crushed, split and pulverized. A 250 gram split of the crushed sample was sieved to -200 mesh before being sent to the Vancouver BC lab, where a 15 gram sub-split was analyzed for 37 elements using an aqua regia digestion followed by inductively coupled plasma combined with mass spectroscopy and atomic emission spectroscopy. (Preparation code: R200-250; Analyses code: 1F02, Disposal code: DIS-RJT, DIS-PLP)

6.0 Conclusions & Recommendations

The Kar property lies within the Selwyn Basin, a tectonic element comprising deep water clastic rocks with minor carbonate facies, and also a favourable environment for base metal (sedex, skarn), industrial metal (tungsten, molybdenum) and precious metal (Carlin and orogenic sediment hosted) deposits.

Property claims cover a well-known north-south trending valley that is marked by at least two distinct colour gossans (*North and South Gossans*), where white-yellow clay altered and iron oxide weathered Cambrian to Ordovician sediments contain local highly anomalous thallium concentrations with associated elevated arsenic and vanadium; indicating a possible target for Carlin style sediment hosted gold mineralization.

Sampling to date has yet to yield a single anomalous gold value and vectoring to an area of possible precious metal enrichment remains challenge. The extensive and highly heterogeneous nature of the glaciofluvial cover throughout the property is a barrier to typical surface exploration methods. Nonetheless, the author suggests that the next phase of work have a wider property/regional focus by collecting additional detailed silt and lake-pond sediment samples and also carrying out an extensive outcrop-till-boulder prospecting program. Particular attention should be paid to those topographically unique features which extend laterally from the gossan creek, which suggest lithologies with varying alteration and/or lithological character.

Other present-day non-technical considerations for future property exploration work include the Kaska First Nation's ongoing dispute with the Yukon-Federal governments and also the current generally pessimistic appetite for Yukon based reconnaissance type exploration.

7.0 References

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Yukon Geological Survey, 2010. Summary Report for Coal River Map Area N.T.S. 095D;

8.0 Author Certificate

MICHAEL MOORE, P. GEO STATEMENT OF QUALIFICATIONS

I, Michael P. Moore, P. Geo., VP Exploration of Precipitate Gold Corp., HEREBY CERTIFY THAT:

1) I am a consulting geologist with a business address at 789 West Pender Street, Suite 860, Vancouver, British Columbia V6C 1H2.

2) I am a graduate of Carleton University, Ottawa Ontario, with a B.Sc. (Honours) in Geology (1989).

3) I am a registered Professional Geologist in good standing with the Association of Professional Engineers and Geoscientists of British Columbia (APEGBC) with member number 21586.

4) I have worked as a geologist for a total of 23 years since graduation from university. I have work experience in most parts of Canada, as well as the United States, Cuba, Mexico, Peru and Ghana.

6) I am responsible for the preparation of all sections of the technical report titled "2012 Exploration Report Kar Property" prepared for Precipitate Gold Corp. dated December 2012.

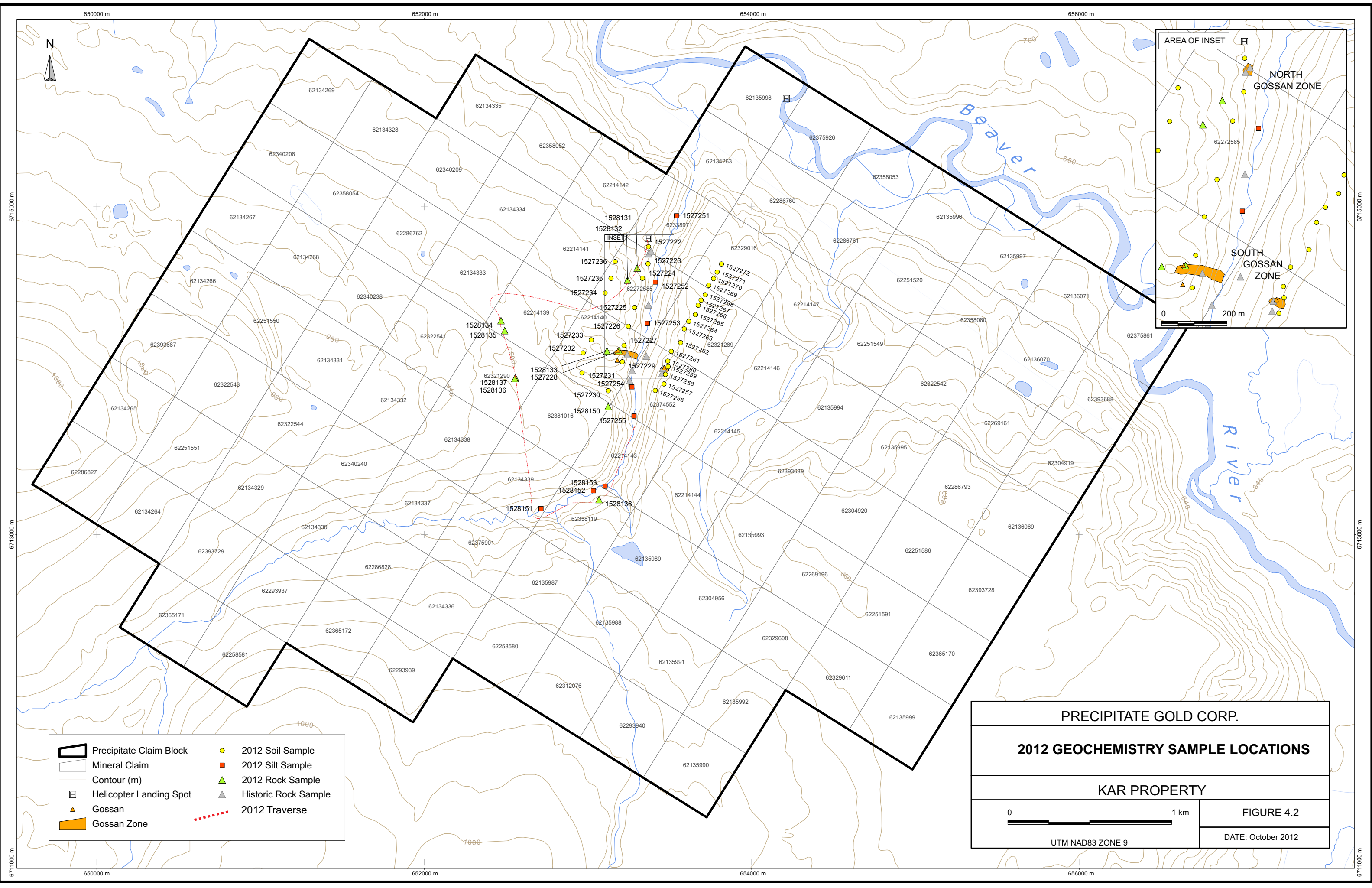
"signed & sealed"
Michael Moore, B.Sc. P. Geo.

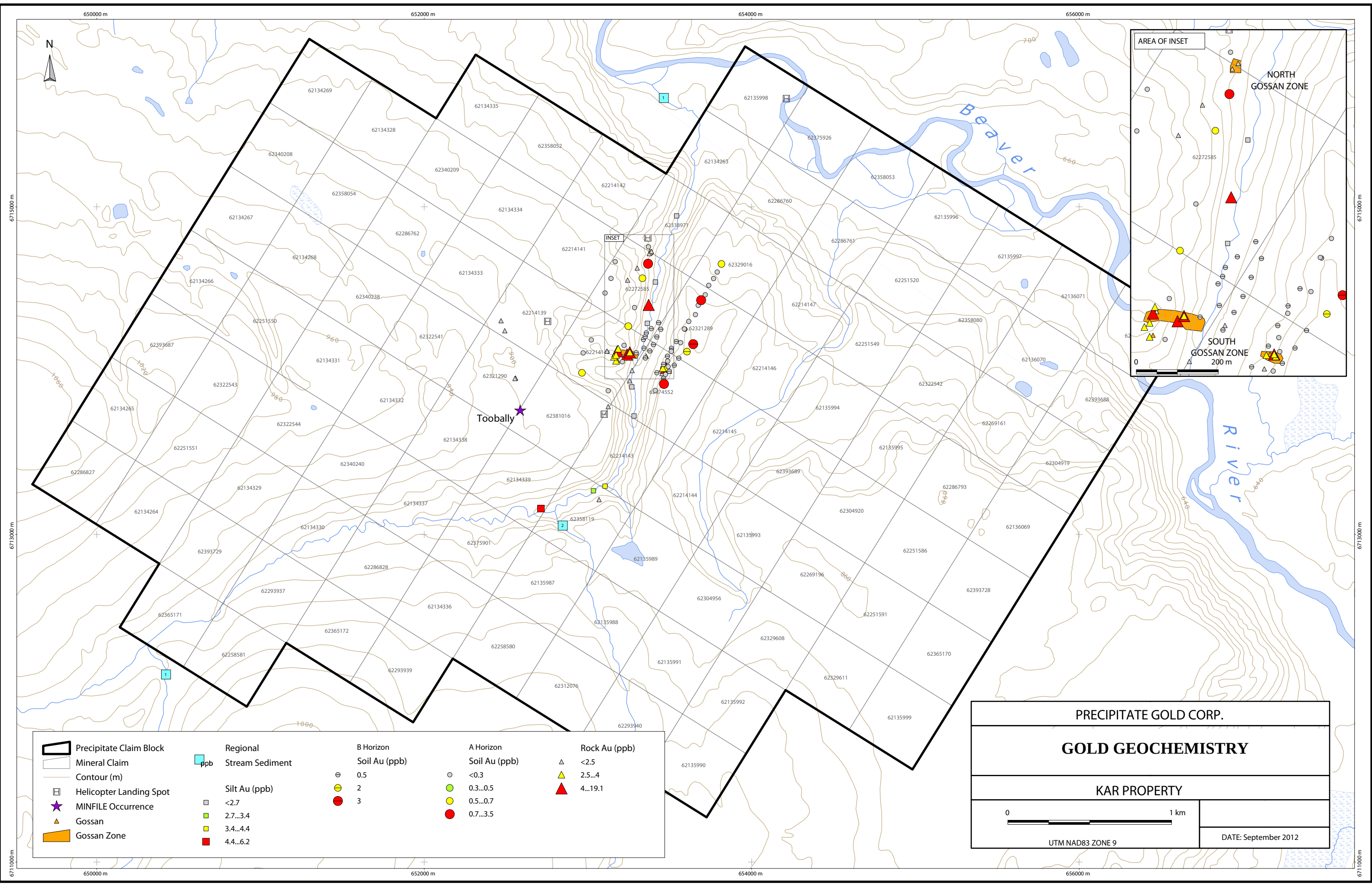
Dated at Vancouver, B.C.
March 31, 2013

Appendix I

Geochemical Compilation Maps

- 2012 Sample locations
- Silver Geochemistry
- Arsenic Geochemistry
- Gold Geochemistry
- Copper Geochemistry
- Mercury Geochemistry
- Lead Geochemistry
- Antimony Geochemistry
- Strontium Geochemistry
- Thallium Geochemistry
- Zinc Geochemistry





Precipitate Claim Block

Mineral Claim

Contour (m)

Helicopter Landing Spot

MINFILE Occurrence

Gossan

Gossan Zone

Regional Stream Sediment

Silt Au (ppb)

<2.7

2.7...3.4

3.4...4.4

4.4...6.2

B Horizon Soil Au (ppb)

0.5

2

3

A Horizon Soil Au (ppb)

<0.3

0.3...0.5

0.5...0.7

0.7...3.5

Rock Au (ppb)

<2.5

2.5...4

4...19.1

PRECIPITATE GOLD CORP.

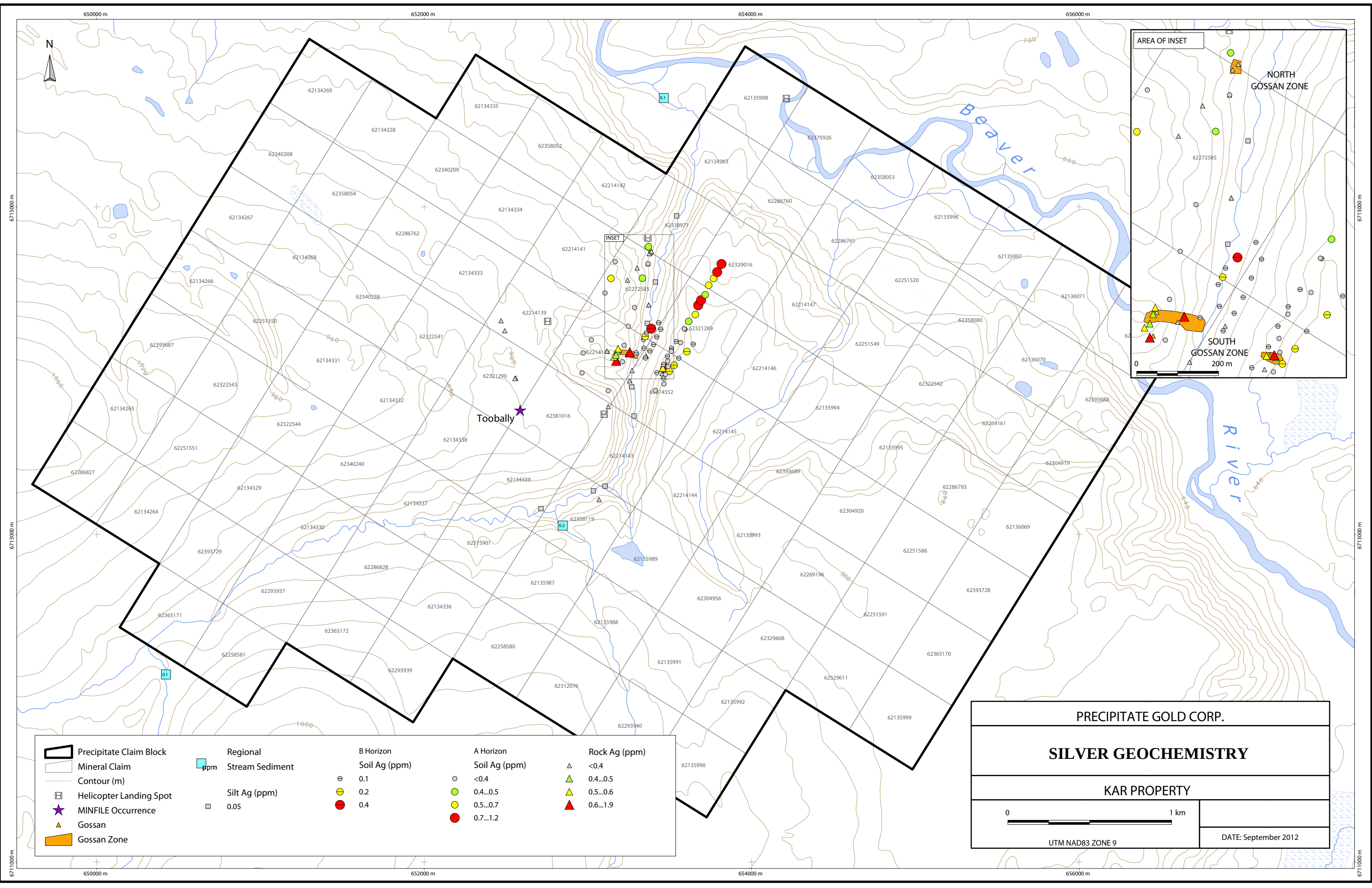
GOLD GEOCHEMISTRY

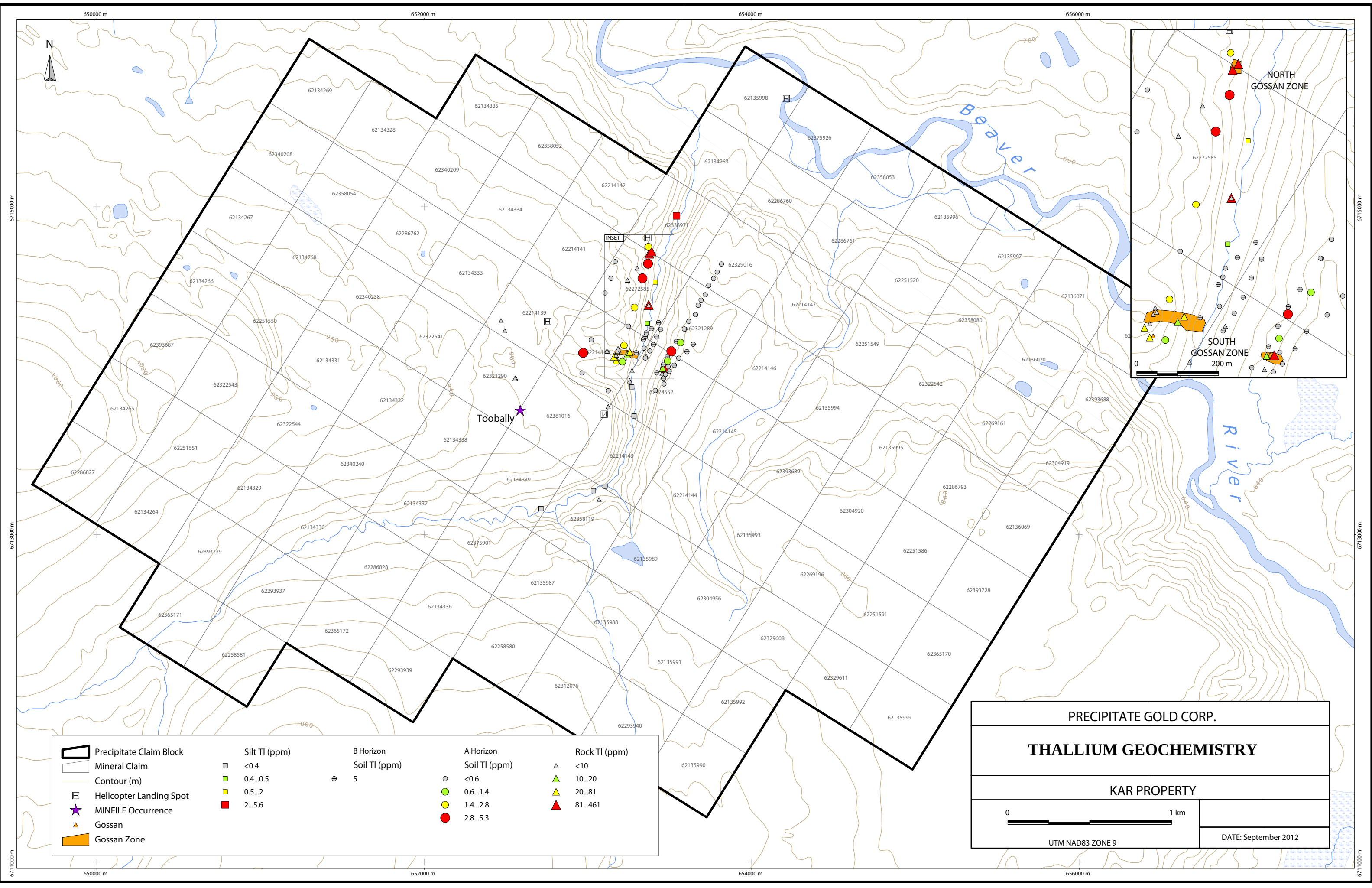
KAR PROPERTY

01 km

UTM NAD83 ZONE 9

DATE: September 2012





Precipitate Claim Block

Mineral Claim

Contour (m)

Helicopter Landing Spot

MINFILE Occurrence

Gossan

Gossan Zone

<0.4

0.4...0.5

0.5...2

2...5.6

5

<0.6

0.6...1.4

1.4...2.8

2.8...5.3

<10

10...20

20...81

81...461

PRECIPITATE GOLD CORP.

THALLIUM GEOCHEMISTRY

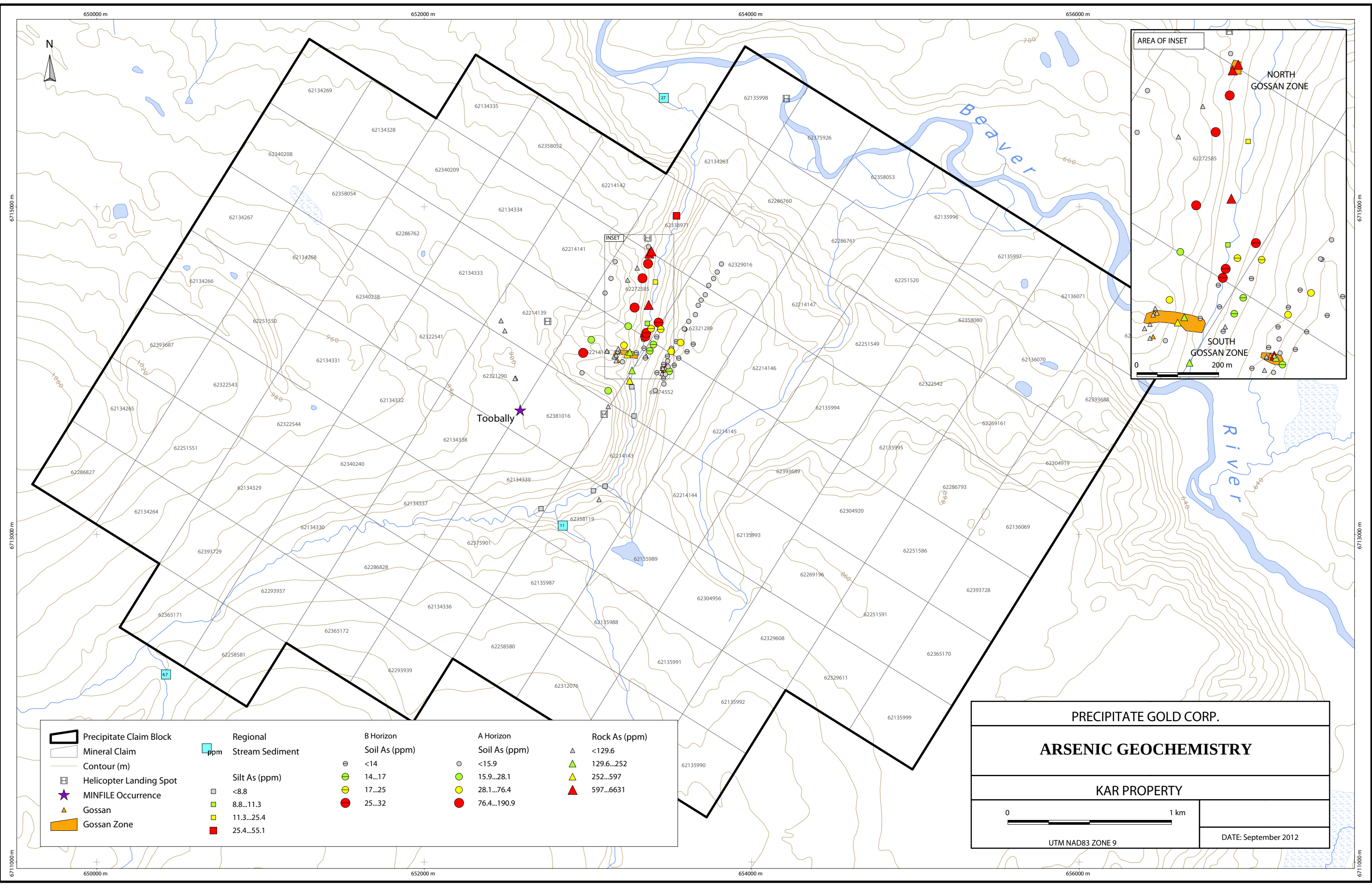
KAR PROPERTY

0

1 km

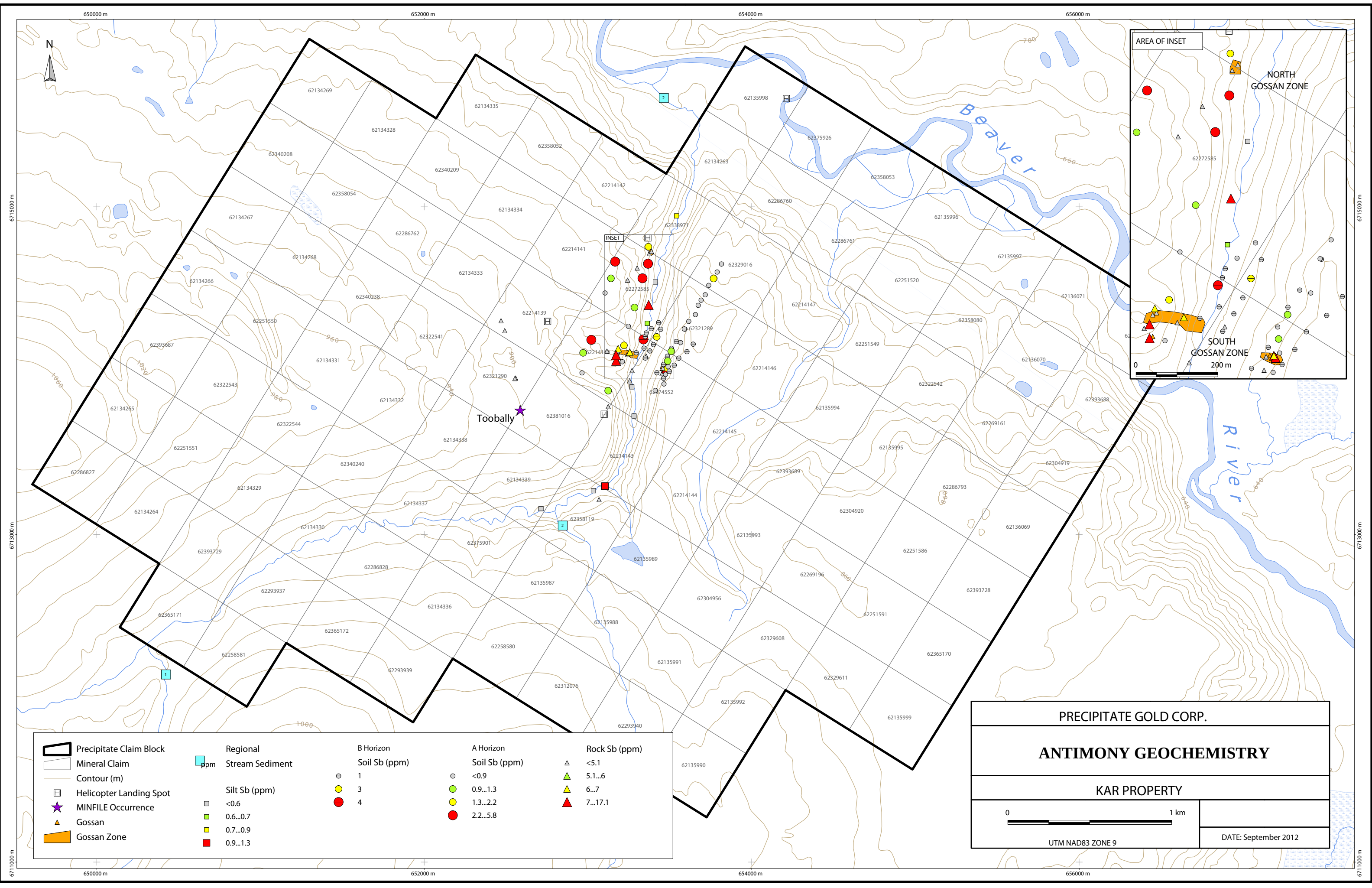
UTM NAD83 ZONE 9

DATE: September 2012



Precipitate Claim Block	Mineral Claim	Contour (m)	Helicopter Landing Spot	MINFILE Occurrence	Gossan	Gossan Zone
Regional Stream Sediment (ppm)		Silt As (ppm)				
B Horizon Soil As (ppm)		A Horizon Soil As (ppm)		Rock As (ppm)		
<14		<15.9		<129.6		
14...17		15.9...28.1		129.6...252		
17...25		28.1...76.4		252...597		
25...32		76.4...190.9		597...6631		
<8.8						
8.8...11.3						
11.3...25.4						
25.4...55.1						

PRECIPITATE GOLD CORP.	
ARSENIC GEOCHEMISTRY	
KAR PROPERTY	
	DATE: September 2012
UTM NAD83 ZONE 9	



Precipitate Claim Block

Mineral Claim

Contour (m)

Helicopter Landing Spot

MINFILE Occurrence

Gossan

Gossan Zone

ppm

Regional Stream Sediment

Silt Sb (ppm)

<0.6

0.6...0.7

0.7...0.9

0.9...1.3

Soil Sb (ppm)

1

3

4

Soil Sb (ppm)

<0.9

0.9...1.3

1.3...2.2

2.2...5.8

Rock Sb (ppm)

<5.1

5.1...6

6...7

7...17.1

PRECIPITATE GOLD CORP.

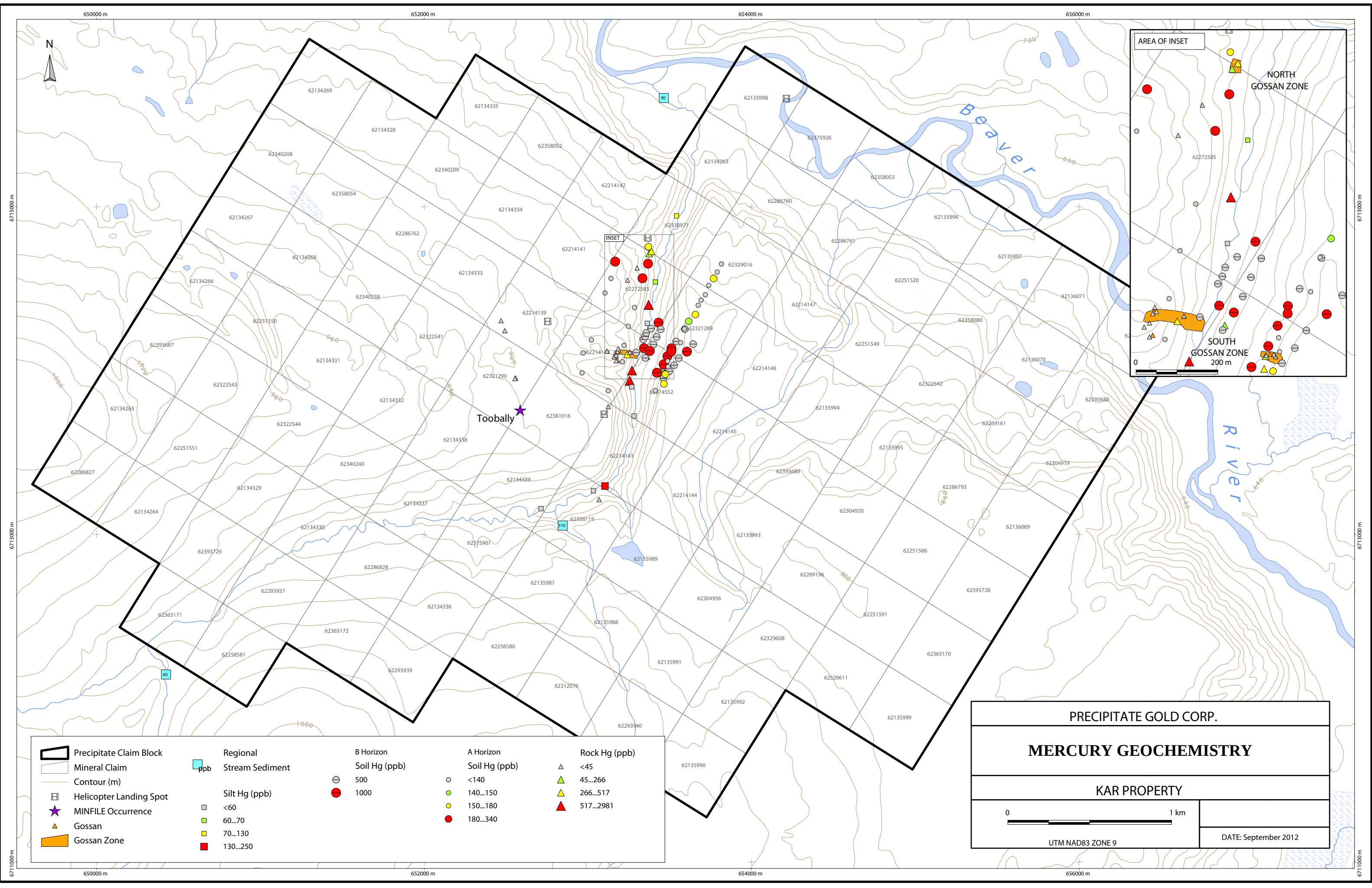
ANTIMONY GEOCHEMISTRY

KAR PROPERTY

01 km

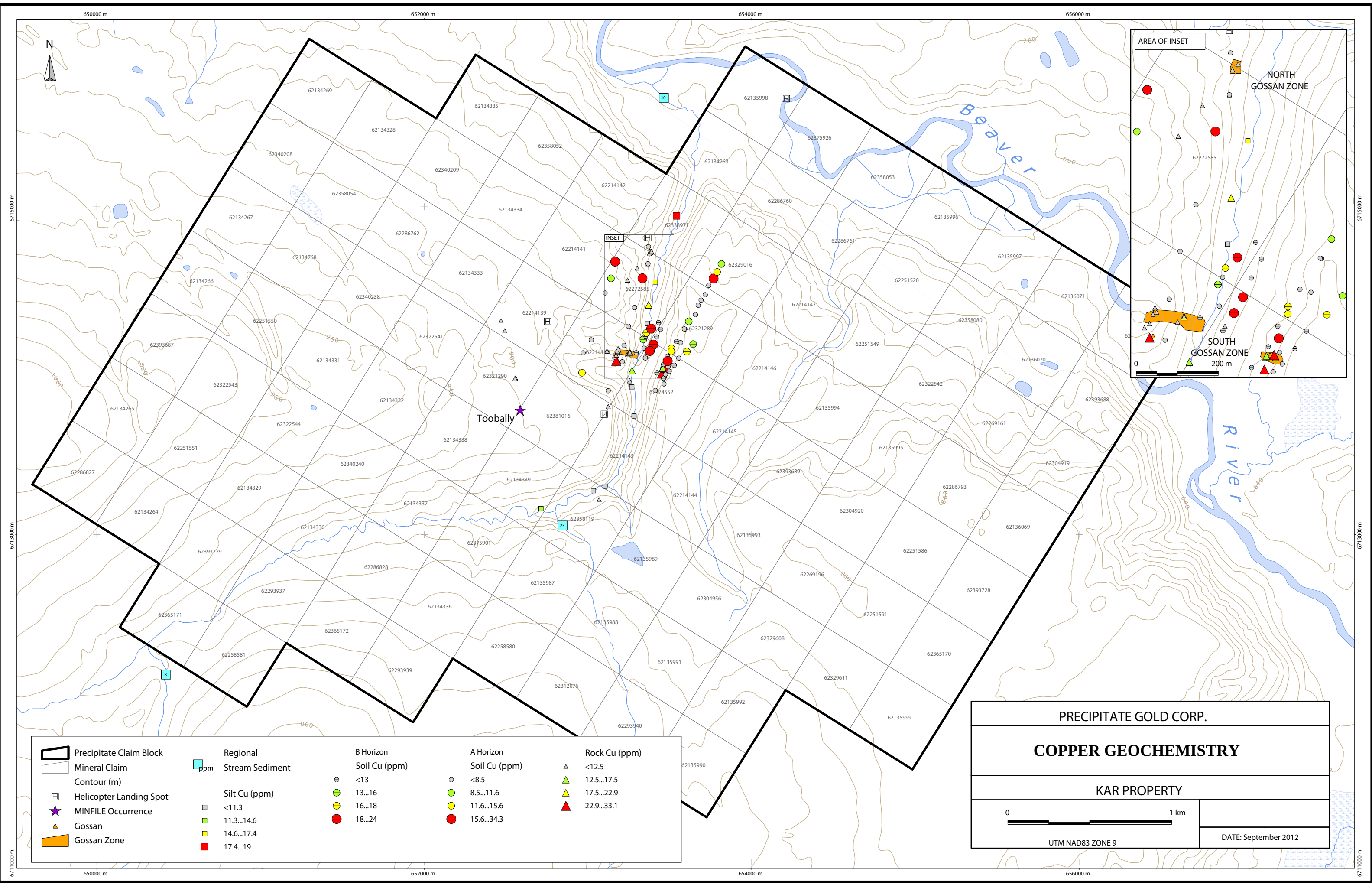
UTM NAD83 ZONE 9

DATE: September 2012



Precipitate Claim Block	Mineral Claim	Contour (m)	Helicopter Landing Spot	MINFILE Occurrence	Gossan	Gossan Zone
Regional Stream Sediment (ppb)	Silt Hg (ppb) <60	60...70	70...130	130...250	B Horizon Soil Hg (ppb) 500	1000
A Horizon Soil Hg (ppb) <140	140...150	150...180	180...340	Rock Hg (ppb) <45	45...266	266...517
517...2981						

PRECIPITATE GOLD CORP.	
MERCURY GEOCHEMISTRY	
KAR PROPERTY	
	DATE: September 2012
UTM NAD83 ZONE 9	



- Precipitate Claim Block
- Mineral Claim
- Contour (m)
- Helicopter Landing Spot
- MINFILE Occurrence
- Gossan
- Gossan Zone

- Regional Stream Sediment ppm
- Silt Cu (ppm)
- <11.3
- 11.3...14.6
- 14.6...17.4
- 17.4...19

- B Horizon Soil Cu (ppm)
- <13
- 13...16
- 16...18
- 18...24

- A Horizon Soil Cu (ppm)
- <8.5
- 8.5...11.6
- 11.6...15.6
- 15.6...34.3

- Rock Cu (ppm)
- <12.5
- 12.5...17.5
- 17.5...22.9
- 22.9...33.1

PRECIPITATE GOLD CORP.

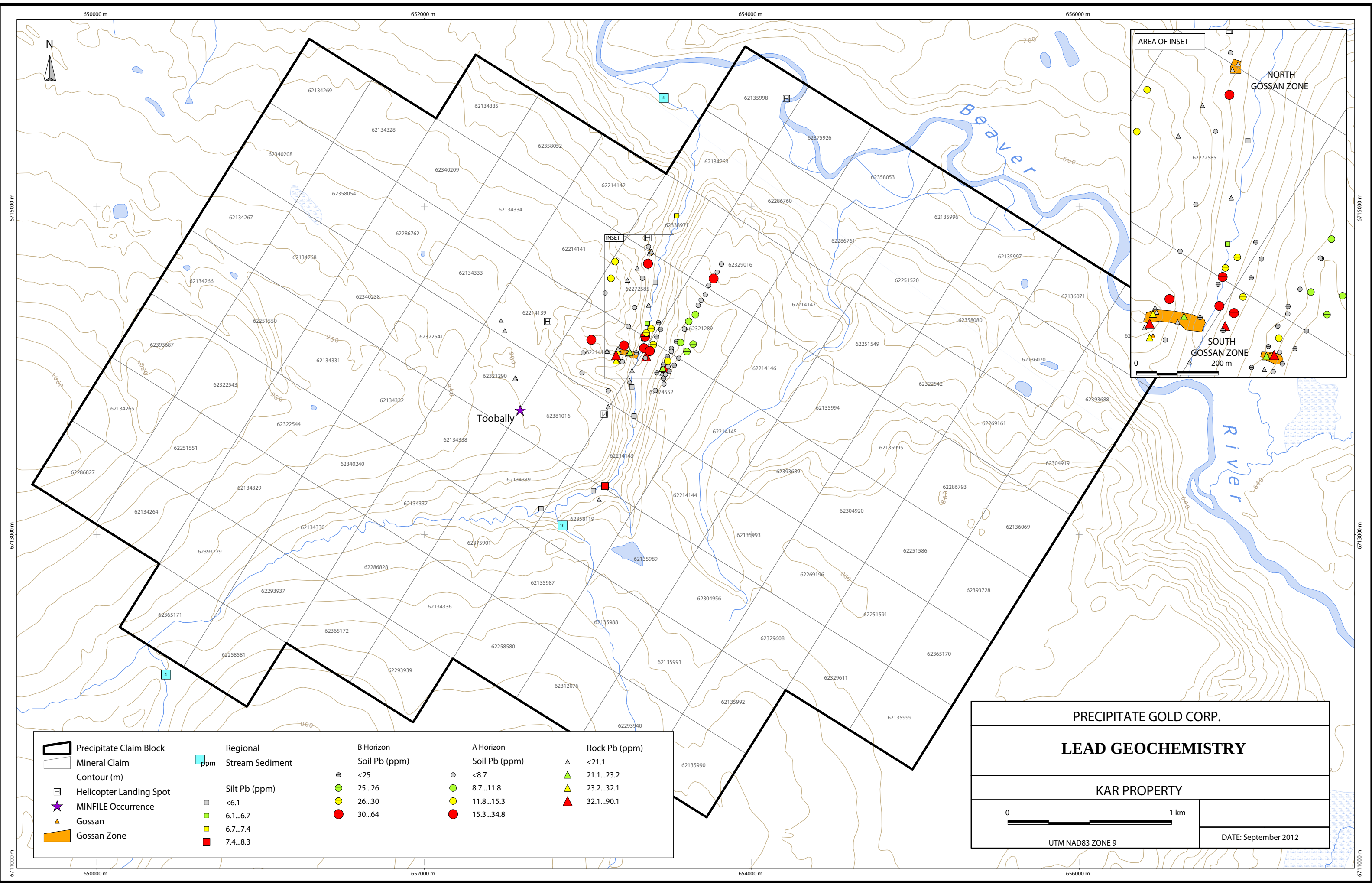
COPPER GEOCHEMISTRY

KAR PROPERTY

01 km

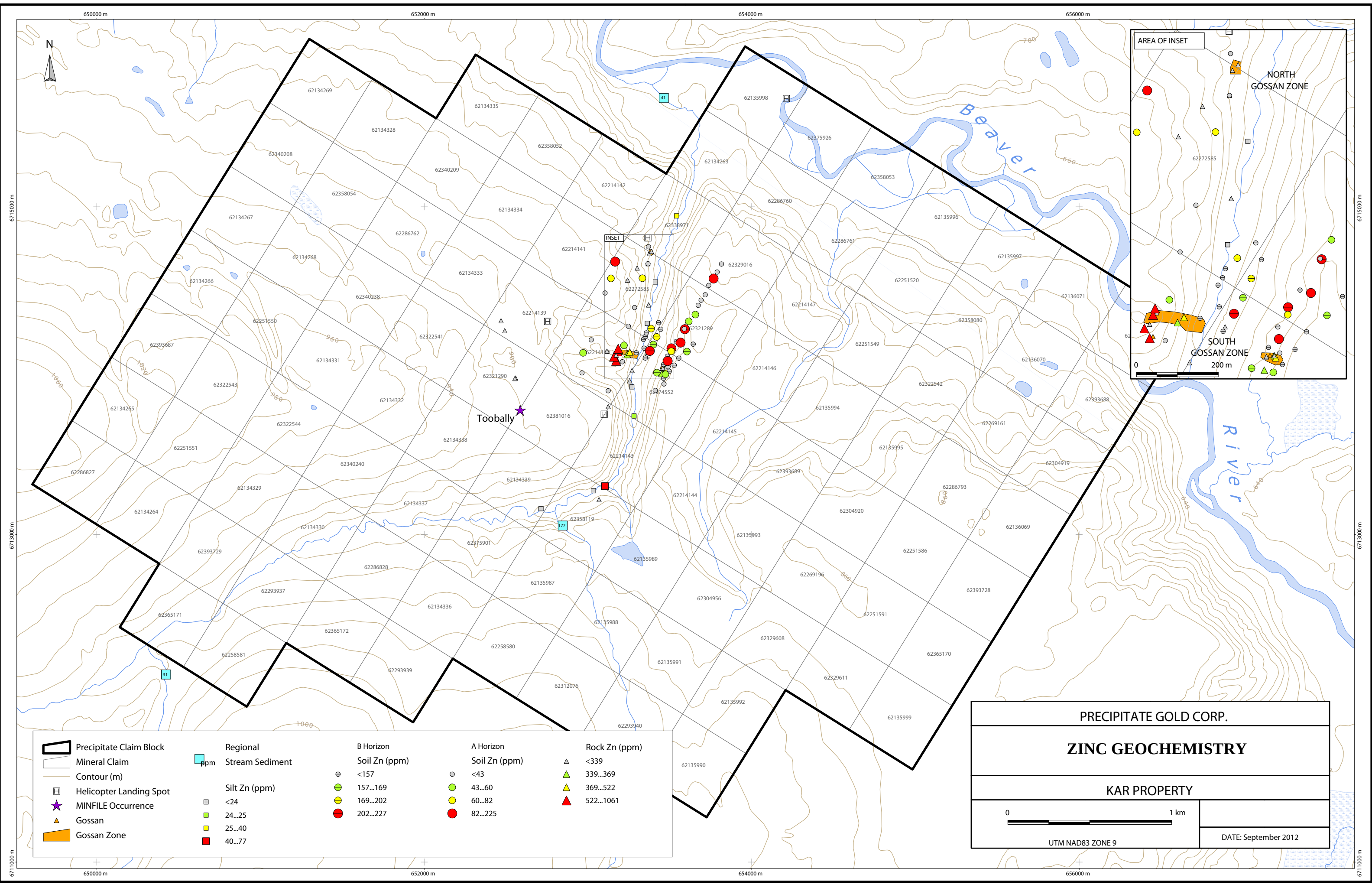
UTM NAD83 ZONE 9

DATE: September 2012



- | | | | | | | |
|---------------------------------|---------------|-------------|-------------------------|--------------------|--------|-------------|
| Precipitate Claim Block | Mineral Claim | Contour (m) | Helicopter Landing Spot | MINFILE Occurrence | Gossan | Gossan Zone |
| Regional Stream Sediment | | | | | | |
| ppm | | | | | | |
| Silt Pb (ppm) | | | | | | |
| <6.1 | | | | | | |
| 6.1...6.7 | | | | | | |
| 6.7...7.4 | | | | | | |
| 7.4...8.3 | | | | | | |
| B Horizon Soil Pb (ppm) | | | | | | |
| <25 | | | | | | |
| 25...26 | | | | | | |
| 26...30 | | | | | | |
| 30...64 | | | | | | |
| A Horizon Soil Pb (ppm) | | | | | | |
| <8.7 | | | | | | |
| 8.7...11.8 | | | | | | |
| 11.8...15.3 | | | | | | |
| 15.3...34.8 | | | | | | |
| Rock Pb (ppm) | | | | | | |
| <21.1 | | | | | | |
| 21.1...23.2 | | | | | | |
| 23.2...32.1 | | | | | | |
| 32.1...90.1 | | | | | | |

PRECIPITATE GOLD CORP.	
LEAD GEOCHEMISTRY	
KAR PROPERTY	
 UTM NAD83 ZONE 9	DATE: September 2012



- Precipitate Claim Block
- Mineral Claim
- Contour (m)
- Helicopter Landing Spot
- MINFILE Occurrence
- Gossan
- Gossan Zone

- Regional
Stream Sediment
- Silt Zn (ppm)
- <24
 - 24...25
 - 25...40
 - 40...77

- B Horizon
Soil Zn (ppm)
- <157
 - 157...169
 - 169...202
 - 202...227

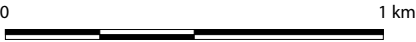
- A Horizon
Soil Zn (ppm)
- <43
 - 43...60
 - 60...82
 - 82...225

- Rock Zn (ppm)
- <339
 - 339...369
 - 369...522
 - 522...1061

PRECIPITATE GOLD CORP.

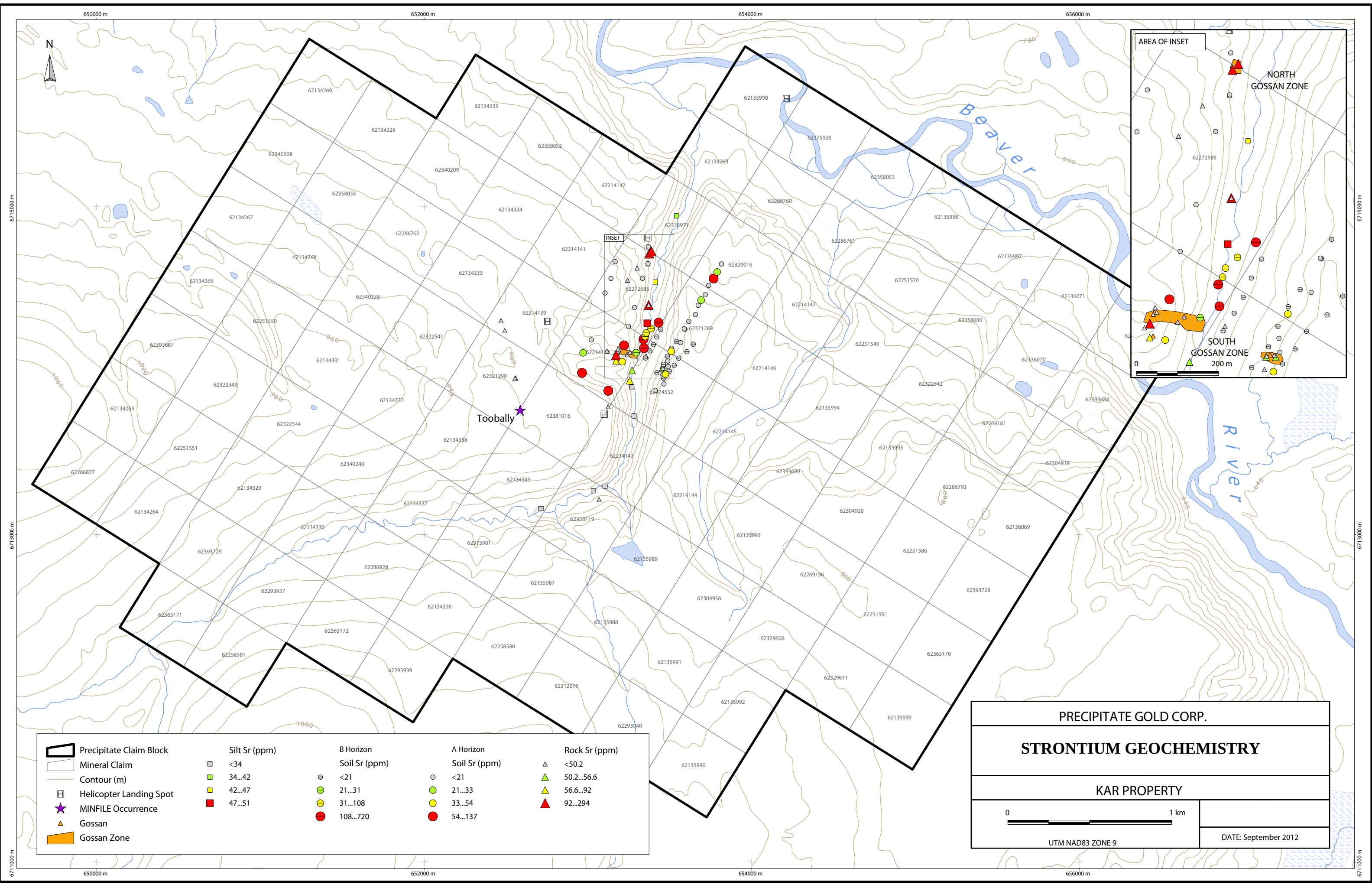
ZINC GEOCHEMISTRY

KAR PROPERTY



UTM NAD83 ZONE 9

DATE: September 2012



Appendix II

Soil, Silt and Rock Descriptions

KAR Property Samples 2012

Sample Number	Easting NAD83 Zone9	Northing NAD83 Zone9	Ag ppb	Al %	As ppm	Au ppb	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	V ppm	W ppm	Zn ppm
---------------	---------------------	----------------------	--------	------	--------	--------	-------	--------	--------	------	--------	--------	--------	--------	------	--------	--------	-----	--------	------	--------	--------	------	--------	-----	--------	-----	--------	--------	--------	--------	--------	--------	------	--------	-------	-------	--------

Soil Samples from the 2012 exploration program															Samples taken by Precipitate Gold Corp.															Certificate Number: WHI12000800														
1527222	653369	6714756	0.4	0.11	5.8	<0.5	2	75	<0.1	0.07	0.1	0.1	2	1.5	0.07	<1	0.16	0.05	3	0.01	42	2.2	0.005	1.6	0.030	5.7	0.08	1.3	0.3	<0.5	7	<0.2	0.1	<0.001	2.4	7	<0.1	10						
1527223	653367	6714654	0.2	0.06	95.3	1.0	1	26	<0.1	<0.01	<0.1	0.2	3	2.0	0.24	<1	0.33	0.03	6	<0.01	4	5.1	0.002	1.4	0.008	34.7	<0.05	2.7	0.3	<0.5	15	<0.2	0.6	<0.001	5.2	8	<0.1	6						
1527224	653333	6714564	0.4	0.18	185.4	0.6	2	259	0.5	0.20	0.7	4.2	8	15.6	1.51	1	0.21	0.04	3	0.01	27	6.3	0.012	34.4	0.057	6.2	0.14	4.3	1.5	<0.5	20	<0.2	0.5	0.004	3.3	25	<0.1	60						
1527225	653285	6714386	0.2	0.10	190.8	<0.5	<1	64	<0.1	0.02	0.2	4.0	3	7.6	0.71	<1	0.05	0.02	5	<0.01	13	1.4	0.004	9.5	0.018	5.8	<0.05	0.9	0.4	<0.5	15	<0.2	0.3	0.002	2.5	21	<0.1	17						
1527226	653246	6714272	<0.1	0.32	15.9	0.5	2	52	<0.1	1.03	0.1	5.2	4	4.3	2.41	<1	0.04	0.02	11	0.61	1022	0.2	0.003	11.7	0.046	6.1	<0.05	0.6	3.2	<0.5	17	<0.2	3.7	0.004	0.5	13	<0.1	34						
1527227	653220	6714155	<0.1	0.15	37.9	<0.5	3	13	<0.1	9.18	0.2	9.4	2	4.0	3.55	<1	0.03	0.01	8	5.90	2297	<0.1	0.007	22.5	0.063	17.6	<0.05	1.3	1.7	<0.5	68	<0.2	1.3	0.007	1.4	7	<0.1	43						
1527229	653210	6714055	<0.1	0.24	6.1	<0.5	2	83	<0.1	0.01	<0.1	0.9	4	1.4	0.50	1	0.07	0.03	12	0.02	41	0.4	0.002	2.3	0.033	4.5	<0.05	0.4	1.3	<0.5	42	<0.2	0.5	0.002	0.6	18	<0.1	9						
1527230	653124	6713877	<0.1	0.46	15.9	<0.5	4	233	<0.1	0.20	0.4	0.6	8	6.4	0.45	3	0.13	0.07	8	0.12	83	1.8	0.009	4.2	0.066	6.0	<0.05	0.9	1.8	<0.5	74	<0.2	0.4	0.003	0.3	37	<0.1	12						
1527231	652964	6713987	<0.1	0.77	1.2	0.6	7	368	<0.1	0.05	0.6	0.9	7	11.6	0.53	3	0.10	0.06	12	0.05	29	0.9	0.006	5.0	0.090	4.7	<0.05	0.4	9.5	<0.5	136	<0.2	0.6	0.002	0.1	39	<0.1	12						
1527232	652971	6714109	<0.1	0.16	76.4	<0.5	1	32	<0.1	<0.01	0.1	6.5	5	7.1	1.70	<1	0.11	0.01	7	<0.01	196	0.5	0.001	8.0	0.037	8.0	<0.05	1.0	3.8	<0.5	22	<0.2	1.0	0.003	3.9	13	<0.1	43						
1527233	653020	6714188	<0.1	0.13	26.2	<0.5	1	8	<0.1	<0.01	<0.1	0.6	7	8.1	1.15	<1	0.04	<0.01	7	<0.01	16	2.5	<0.001	2.2	0.018	27.2	<0.05	5.7	1.4	<0.5	3	<0.2	1.1	0.007	<0.1	32	<0.1	12						
1527234	653105	6714474	<0.1	0.28	3.4	<0.5	32	72	<0.1	0.04	0.2	1.3	7	2.6	0.56	1	0.02	0.03	6	0.08	36	1.2	0.002	5.3	0.010	5.2	<0.05	0.6	0.8	<0.5	6	<0.2	1.3	0.006	<0.1	22	<0.1	34						
1527235	653141	6714564	0.5	0.44	4.9	<0.5	3	174	<0.1	0.26	4.3	2.1	11	11.1	0.85	2	0.11	0.05	7	0.07	242	4.8	0.007	11.1	0.048	13.3	0.05	0.9	1.0	<0.5	10	<0.2	0.9	0.005	0.2	29	0.1	70						
1527236	653166	6714666	<0.1	0.46	10.2	<0.5	3	69	<0.1	0.03	0.6	4.9	15	17.2	1.79	1	0.18	0.03	5	0.09	75	3.4	0.003	28.6	0.026	12.7	<0.05	2.2	2.0	<0.5	7	<0.2	1.7	0.002	0.3	38	<0.1	106						
1527256	653411	6713879	<0.1	0.17	2.5	<0.5	2	153	<0.1	0.05	2.2	0.8	2	3.8	0.26	1	0.06	0.02	6	0.02	17	0.5	0.005	1.6	0.030	3.8	<0.05	0.2	0.6	<0.5	20	<0.2	0.7	0.004	0.1	7	<0.1	24						
1527257	653464	6713919	<0.1	0.13	2.5	3.4	3	159	0.1	0.22	5.5	2.1	5	4.5	0.27	<1	0.15	0.05	1	0.04	72	1.6	0.006	5.5	0.050	5.0	<0.05	0.3	0.9	<0.5	8	<0.2	0.3	0.003	<0.1	6	<0.1	38						
1527258	653474	6713977	<0.1	0.14	3.1	<0.5	6	189	<0.1	0.82	1.9	1.3	5	4.4	0.31	<1	0.15	0.05	2	0.14	25	11.7	0.004	6.4	0.061	5.8	<0.05	0.3	1.0	<0.5	43	<0.2	0.5	0.002	<0.1	7	<0.1	48						
1527259	653490	6714025	<0.1	0.17	<0.5	<0.5	2	196	<0.1	1.00	1.3	0.4	1	4.7	0.11	<1	0.04	<0.01	<1	0.08	61	0.2	0.01	5.5	0.022	0.7	<0.05	0.3	0.4	<0.5	13	<0.2	<0.1	0.005	<0.1	3	<0.1	25						
1527260	653487	6714059	0.2	0.45	9.8	<0.5	5	522	<0.1	0.64	7.1	7.5	9	19.4	1.15	2	0.10	0.06	5	0.06	3419	4.9	0.006	15.8	0.055	11.8	<0.05	0.9	1.4	<0.5	17	<0.2	0.8	0.005	0.6	36	<0.1	224						
1527261	653509	6714118	0.2	0.33	50.3	<0.5	4	274	<0.1	0.24	2.4	2.0	12	15.5	0.84	1	0.18	0.04	5	0.03	469	6.1	0.003	12.8	0.071	8.0	<0.05	1.0	1.1	<0.5	33	<0.2	0.3	0.004	2.8	23	<0.1	81						
1527262	653566	6714171	<0.1	0.80	28.1	<0.5	1	128	<0.1	0.02	0.4	3.8	11	4.9	1.47	2	0.01	0.03	7	0.12	114	0.9	0.001	13.4	0.016	10.3	<0.05	0.7	1.2	<0.5	10	<0.2	2.3	0.004	1.1	25	<0.1	82						
1527263	653589	6714255	<0.1	0.19	1.2	<0.5	3	122	<0.1	0.08	0.6	0.9	3	3.0	0.18	<1	0.10	0.06	3	0.02	46	0.7	0.005	3.0	0.042	5.1	<0.05	0.1	0.7	<0.5	10	<0.2	0.3	0.003	0.3	5	<0.1	17						
1527264	653616	6714301	0.4	0.33	3.2	<0.5	4	222	<0.1	0.20	3.7	1.4	8	9.1	0.46	1	0.14	0.08	3	0.04	106	1.9	0.005	7.8	0.069	9.2	<0.05	0.4	1.0	<0.5	10	<0.2	0.3	0.004	0.2	14	<0.1	49						
1527265	653656	6714342	0.6	0.19	1.1	<0.5	2	154	<0.1	0.20	2.5	1.1	6	5.8	0.31	<1	0.15	0.08	2	0.03	65	1.8	0.006	5.1	0.065	8.7	<0.05	0.2	0.8	<0.5	9	<0.2	0.3	0.004	0.1	6	<0.1	43						
1527266	653673	6714400	1.1	0.07	<0.5	<0.5	3	72	<0.1	0.12	4.8	0.4	5	2.7	0.10	<1	0.12	0.06	1	0.03	54	1.1	0.005	4.3	0.055	2.2	0.07	<0.1	0.7	<0.5	6	<0.2	0.2	0.003	0.1	4	<0.1	36						
1527267	653691	6714431	1.1	0.19	<0.5	1.1	2	402	<0.1	0.30	8.3	0.9	5	8.2	0.20	<1	0.09	0.09	2	0.02	124	1.5	0.006	7.9	0.053	5.1	<0.05	<0.1	1.5	<0.5	23	<0.2	0.1	0.005	0.1	6	<0.1	35						
1527268	653717	6714463	0.4	0.10	0.6	<0.5	2	111	<0.1	0.11	2.8	0.4	3	4.2	0.13	<1	0.07	0.05	2	0.02	41	0.9	0.007	3.5	0.040	2.6	0.06	<0.1	0.7	<0.5	8	<0.2	0.3	0.004	<0.1	6	<0.1	13						
1527269	653738	6714521	0.6	0.12	<0.5	<0.5	2	212	<0.1	0.28	7.8	0.4	5	7.0	0.13	<1	0.09	0.06	1	0.04	39	1.1	0.008	4.6	0.059	3.9	0.08	<0.1	0.9	<0.5	13	<0.2	0.1	0.005	<0.1	4	<0.1	31						
1527270	653767	6714563	0.5	0.91	11.6	<0.5	5	617	<0.1	2.31	9.3	10.2	14	34.2	1.81	3	0.15	0.07	10	0.11	1336	3.6	0.009	34.9	0.059	15.3	0.07	1.6	2.9	0.6	54	<0.2	1.9	0.011	0.5	56	0.2	170						
1527271	653790	6714603	0.7	0.16	<0.5	<0.5	<1	633	<0.1	0.20	14.5	0.8	4	13.7	0.16	<1	0.10	0.04	2	0.03	42	1.3	0.012	8.6	0.042	3.2	0.06	<0.1	0.8	<0.5	21	<0.2	0.1	0.004	<0.1	4	<0.1	24						
1527272	653816	6714652	0.9	0.15	<0.5	0.7	2	380	<0.1	0.22	12.0	0.7	5	8.5	0.17	<1	0.13	0.03	1	0.02	23	1.3	0.014	5.4	0.051	3.4	0.09	0.1	0.9	<0.5	19	<0.2	0.2	0.004	<0.1	5	<0.1	33						

Silt Samples from the 2012 exploration program														Samples taken by Precipitate Gold Corp.														Certificate Number: WHI12000801													
1527251	653541	6714945	<0.1	0.42	55.0	<0.5	0.5	71	0.05	0.70	0.1	3.6	5	18.9	0.90	<1	0.08	0.03	7	0.43	181	1.9	0.001	7.3	0.024	7.0	0.06	0.8	1.5	0.25	36	0.1	1.9	0.003	5.5	10	<0.1	25			
1527252	653412	6714542	<0.1	0.17	12.7	<0.5	0.5	96	0.05	1.01	0.1	2.6	5	16.7	0.71	<1	0.06	0.03	8	0.60	165	0.3	0.002	6.0	0.025	5.4	<0.05	0.5	1.5	0.25	46	0.1	2.1	0.003	0.5	10	<0.1	20			
1527253	653362	6714289	<0.1	0.20	9.2	<0.5	0.5	116	0.05	0.58	0.3	3.3	6	7.4	0.82	<1	0.05	0.03	9	0.34	195	0.5	0.002	7.4	0.028	6.2	<0.05	0.6	2.0	0.25	50	0.1	2.3	0.003	0.4	11	<0.1	22			
1527254	653267	6713901	<0.1	0.14	3.6	<0.5	0.5	74	0.05	0.26	0.2	2.2	5	10.6	0.52	<1	0.02	0.03	7	0.17	72	0.4	0.001	5.4	0.013	3.1	<0.05	0.5	1.2	0.25	15	0.1	2.0	0.003	<0.1	11	<0.1	17			
1527255	653281	6713723	<0.1	0.22	2.3	<0.5	0.5	67	0.05	0.20	0.3	2.8	7	8.1	0.72	<1	0.02	0.04	11	0.14	72	0.3	0.001	7.5	0.018	4.3	<0.05	0.4	1.3	0.25	7	0.1	3.0	0.004	0.1	12	<0.1	24			
1528151	652713	6713158	<0.1	0.17	2.9	6.10	1.0	52	0.05	0.32	0.1	3.0	7	11.4	0.77	<1	0.01	0.03	8	0.22	125	0.3	0.001	7.4	0.012	4.9	<0.05	0.4	1.2	0.25	6	0.1	3.0	0.005	<0.1	12	<0.1	19			
1528152	653033	6713267	<0.1	0.16	2.7	3.00	0.5	55	0.05	0.64	0.2	2.4	7	7.3	0.71	<1	0.02	0.04	8	0.38	88	0.6	0.002	7.1	0.016	4.2	<0.05	0.5	1.1	0.25	7	0.1	2.8	0.004	<0.1	13	<0.1	23			
1528153	653104	6713295	<0.1	0.18	4.9	3.70	2.0	147	0.05	2.66	1.0	2.6	7	10.2	0.82	<1	0.24	0.04	8	1.48	122	1.8	0.004	14.7	0.044	8.2	<0.05	1.2	1.3	0.25	19	0.1	2.8	0.003	0.1	23	<0.1	76			

Kar Sample Descriptions

Rocks, Soils, Silts

SampleNo	Sample Type	Project	Elev	Easting NAD83Z9	Northing NAD83Z9	Colour	Terrain	Horizon	Depth	Quality	Comments
1527222	soil	Kar	743	653369	6714756	Black	Steep	Ah	0	Poor	poorly developed under moss
1527223	soil	Kar	721	653367	6714654	Grey	Steep	B	30	Good	no Ah
1527224	soil	Kar	758	653333	6714564	Black	Steep	Ah	10	Good	Ah and orange B
1527225	soil	Kar	796	653285	6714386		Steep		20		Ah and B
1527226	soil	Kar	784	653246	6714272	Orange	Steep	B	30	Good	poor Ah
1527227	soil	Kar	807	653220	6714155	Orange	Steep	B	25	Good	oxidized,gossanous ,orange soil
1527229	soil	Kar	816	653210	6714055				0		orange soil in between rock fragments
1527230	soil	Kar	840	653124	6713877	Black	Steep	Ah	10	Good	poorly developed Ah
1527231	soil	Kar	839	652964	6713987	Black	Moderate	Ah	15	Good	
1527232	soil	Kar	836	652971	6714109	Orange	Moderate	B	20	Good	poorly developed Ah
1527233	soil	Kar	855	653020	6714188	Orange	Gentle		15		poorly developed Ah
1527234	soil	Kar	867	653105	6714474		Flat		20		poorly developed Ah and grey sandy B
1527235	soil	Kar	844	653141	6714564		Gentle		15		poorly developed Ah over orange B
1527236	soil	Kar	843	653166	6714666		Moderate		20		poorly developed Ah and orange sandy B
1527256	soil	Kar	872	653411	6713879	Black	Gentle	Ah	20	Good	
1527257	soil	Kar	851	653464	6713919	Black	Moderate	Ah	10	Fair	
1527258	soil	Kar	851	653474	6713977	Black	Steep	Ah	10	Good	
1527259	soil	Kar	859	653490	6714025	Black	Moderate	Ah	10	Good	with some b horizon.
1527260	soil	Kar	836	653487	6714059	Brown	Steep	Ah	10	Good	
1527261	soil	Kar	833	653509	6714118	Black	Steep	Ah	10	Good	
1527262	soil	Kar	844	653566	6714171	Brown	Gentle	B	20	Good	ah undeveloped .
1527263	soil	Kar	846	653589	6714255	Black	Gentle	Ah	10	Good	
1527264	soil	Kar	846	653616	6714301	Black	Gentle	Ah	10	Good	
1527265	soil	Kar	844	653656	6714342	Black	Gentle	Ah	10	Good	
1527266	soil	Kar	846	653673	6714400	Black	Gentle	Ah	10	Good	
1527267	soil	Kar	825	653691	6714431	Black	Gentle	Ah	10	Good	
1527268	soil	Kar	816	653717	6714463	Black	Gentle	Ah	10	Good	
1527269	soil	Kar	820	653738	6714521	Black	Moderate	Ah	10	Good	
1527270	soil	Kar	824	653767	6714563	Black	Gentle	Ah	30	Excellent	
1527271	soil	Kar	814	653790	6714603	Black	Gentle	Ah	10	Excellent	
1527272	soil	Kar	794	653816	6714652	Black	Gentle	Ah	10	Good	
1527251	silt	Kar	689	653541	6714945				0		
1527252	silt	Kar	733	653412	6714542				0		
1527253	silt	Kar	737	653362	6714289				0		
1527254	silt	Kar	776	653267	6713901				0		
1527255	silt	Kar	881	653281	6713723				0		
1528151	silt	Kar	804	652713	6713158						main creek, high energy, edge of 2012 forest fire prong
1528152	silt	Kar	792	653033	6713267						main creek, low energy flood plain, 0.5m above main channel
1528153	silt	Kar	794	653104	6713295						small, steep eastern tributary

Kar Sample Descriptions
Rocks, Soils, Silts

SampleNo	SampleType	Project	Elevation (m)	Easting NAD83Z9	Northing NAD83Z9	Comments
1528131	rock	Kar	761	653301	6714627	angular, sinter-like text. silica after? Sandst., with pitted micro-colloform text. vuggs, filled with clays, 75% silica NVS*
1528132	rock	Kar	822	653242	6714553	Sandst.-Congl., gritt-size limonitic, clay-FeOx alt matrix, MnOx loc. on fractures
1528133	rock	Kar	843	653116	6714120	Arcosic Sandst., bleached (clay-sericite alt), white to grey when wet, friable (low spec gravity), clay-fine silt matrix
1528134	rock	Kar	887	652469	6714305	gritt-size Quartz-Congl. with clast-supported, vuggy text. - spherical vuggs partly filled with creamy clay
1528135	rock	Kar	895	652492	6714244	gritt-size Quartz-? Feldspar Congl. - mainly qtz, rounded pebbles; ? Feldspar clasts somewhat clay altered
1528136	rock	Kar	896	652558	6713956	Quartz Conglomerate - gritt-size clasts, w silica matrix and minor feldspar clasts altered to clays in spherical vuggs; limonitic stain on weathered surface
1528137	rock	Kar	896	652554	6713952	Quartz-Conglomerate, gritt-size, w silica-hematite matrix and hematite-limonite stain on weathered surface
1528138	rock	Kar	791	653068	6713213	Conglomerate, arcose to qtz dominated, in layered bands gritt-size clasts, hematitic on weathered surface
1528150	rock	Kar				bleached Sandstone, well sorted, clast-supported text., coarse grained; porous, clay mtx, friable, low spec gravity
1527228	rock	Kar	844.8	653189	6714123	



Vancouver Petrographics Ltd.

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Report for: Michael Moore
Precipitate Gold Corp.
789 West Pender Street, Suite 860
Vancouver, BC V6C 1H2

Sent to: Michael Moore
mmoore@mmoore.ca

Report 130102

March 11, 2013

Petrographic analysis (reflected light only) of Sample K976882

Summary of results

Three rock samples (K976880, K976882, and K976883) were cut by the client and submitted to me for a preliminary analysis under stereomicroscope.

The samples were submitted to ALS Chemex (2011) and Acme (2012) for ICP multielemental analysis. The attached results from the two laboratories are comparable and indicate variation in the iron content (2–33%), sulphur up to 5%, and anomalous amounts of arsenic, thallium, and vanadium (see Table 1).

As reported in the field notes, Sample K976880 is yellow-orange, strongly altered dolostone. Samples K976882 and K976883 are dark brown, gossanous ferricrete. All three samples show very fine-grained fluorescent grains.

Microscopic analysis indicated the presence of layered and probably epiclastic fabric in Samples K976880 and K976882. Microstructures attributed to brecciation were recognized in Sample K976883. Thallium shows a positive correlation (correlation coefficient of 0.99) with potassium. The data, if confirmed by a more robust statistic on a bigger sample population, would suggest that the thallium is dispersed within the clay-rich matrix; however, this interpretation is based on just three samples and therefore is only tentative.

Thallium is a rare element in the Earth's crust, as its average content has been estimated to be only 0.7 part per million. Thallium is usually associated with potassium-based minerals in clays, soils, and granites, and in most cases is not economically recoverable from these sources. Thallium is found as a trace element (up to 0.1–1%) in pyrite, vrbaitite ($\text{TlAs}_2\text{SbS}_5$), crookesite (TlCu_7Se_4), hutchinsonite ($\text{TlPbAs}_5\text{S}_9$), and lorandite (TlAsS_2).

To detect possible thallium-bearing minerals, 2 polished thick sections were prepared from Sample K976882 (Fig. 1).

The petrographic analysis indicated the presence of very fine-grained pyrite (Photomicrograph 1) and rare oxides (Photomicrographs 2–4) immersed in a porous and gossanous matrix, probably made up of clay.

To establish whether the thallium is dispersed within the clay and/or is concentrated within the very rare pyrite and rare oxides, electron optical analysis (using a scanning electron microscope equipped with an energy dispersive spectrometer) or electron microprobe analysis are recommended. Detection limits for thallium must be discussed with the electron optical instrument operator before planning these analyses.

Figure 1: The 2 polished thick sections prepared from Sample K976882.



Table 1: Selected results from Certificates WH11187196 (ALS Chemex 2011) and VAN12005591 (Acme 2012).

SAMPLE	Lab	As ppm	Cu ppm	Fe %	K %	Mo ppm	Pb ppm	S %	Sb ppm	Sr ppm	Tl ppm	V ppm
K976880	Chemex (2011)	548	1.4	3.11	0.49	8.1	13.1	0.96	1.9	206	90.2	7
K976880	Acme (2012)	694	2.5	2.16	0.27	12.8	20.6	0.45	2.3	106	53.6	12
K976882	Chemex (2011)	6630	4.6	33.40	2.50	7.2	9.0	5.39	1.2	293	460.0	624
K976882	Acme (2012)	1967	2.4	30.21	1.54	2.1	27.3	3.12	0.6	98	404.4	454
K976883	Chemex (2011)	3110	11.3	19.15	0.54	19.7	18.6	1.36	2.0	96	115.5	370
K976883	Acme (2012)	1452	9.3	31.62	0.69	1.4	18.2	1.85	0.7	43	148.9	513

Signed by

F. Colombo, Ph.D., P.Geo.

E-mail: fab.petrologic@gmail.com

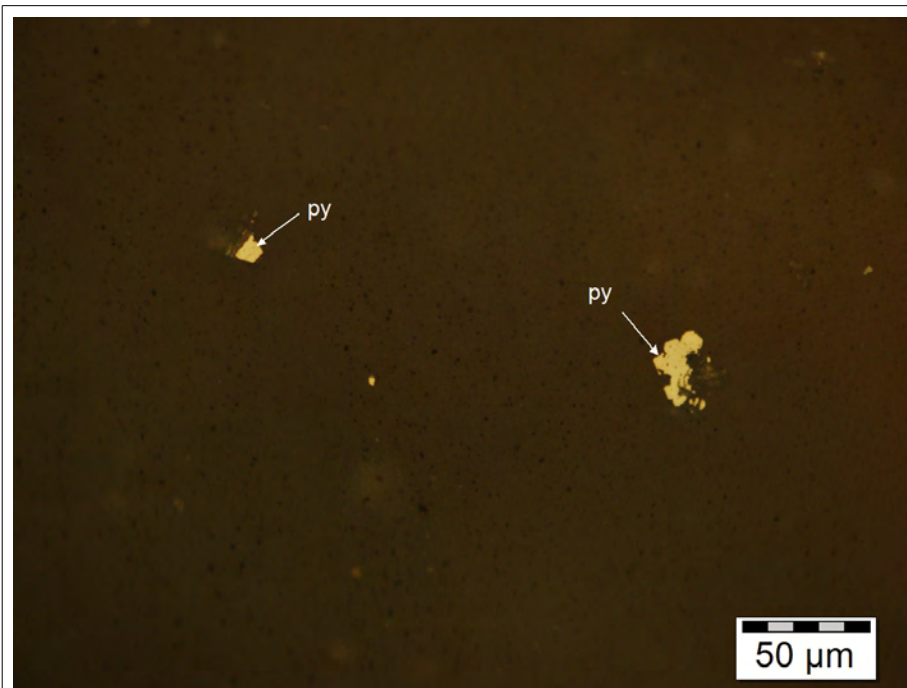
Selected Bibliography:

Guberman, D. E., 2013, Thallium. *U.S. Geological Survey, Mineral Commodity Summaries*. Retrieved from <http://minerals.usgs.gov/minerals/pubs/commodity/thallium/mcs-2013-thall.pdf>

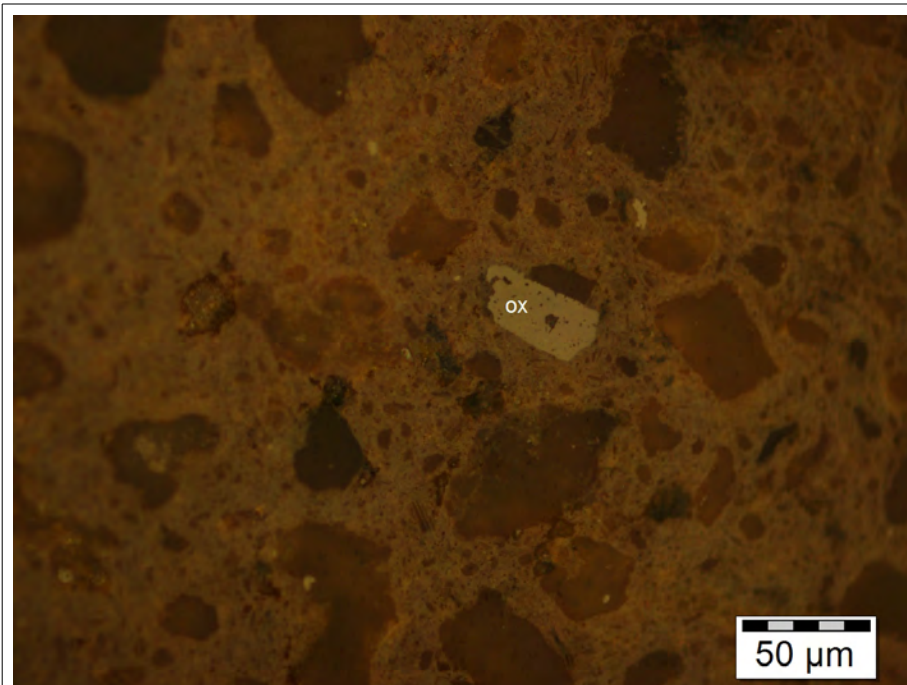
Peter, A., Viraraghavan, T., 2005, Thallium: A review of public health and environmental concerns. *Environment International* 31, 493–501.

Shaw, D., 1952, The geochemistry of thallium. *Geochimica et Cosmochimica Acta* 2, 118–154.

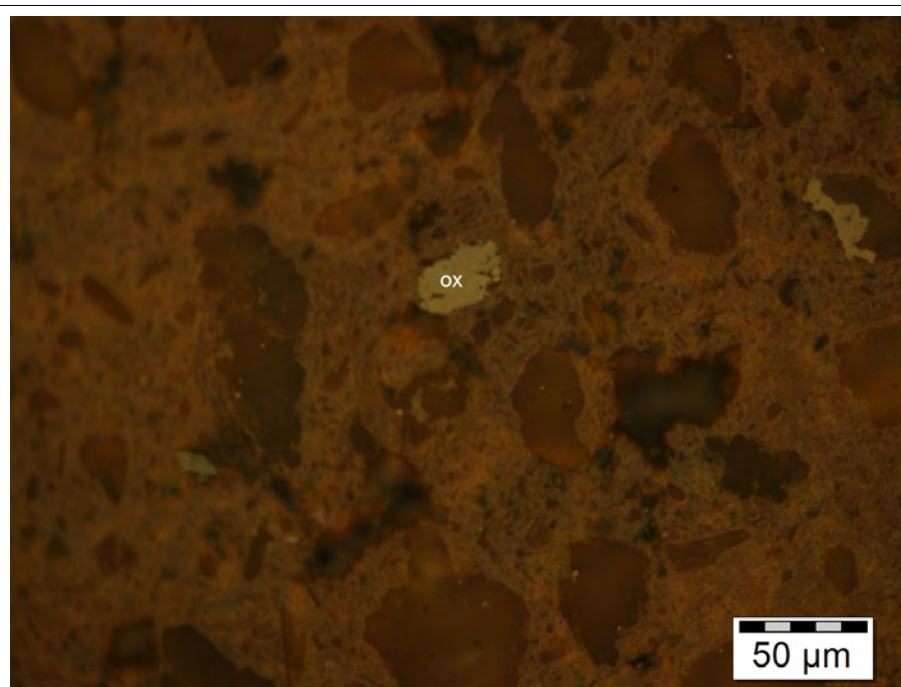
Zitko, V., Carson, W. V., Carson, W. G., 1975, Thallium: Occurrence in the environment and toxicity to fish. *Bulletin of Environmental Contamination and Toxicology* 13, 23–30.



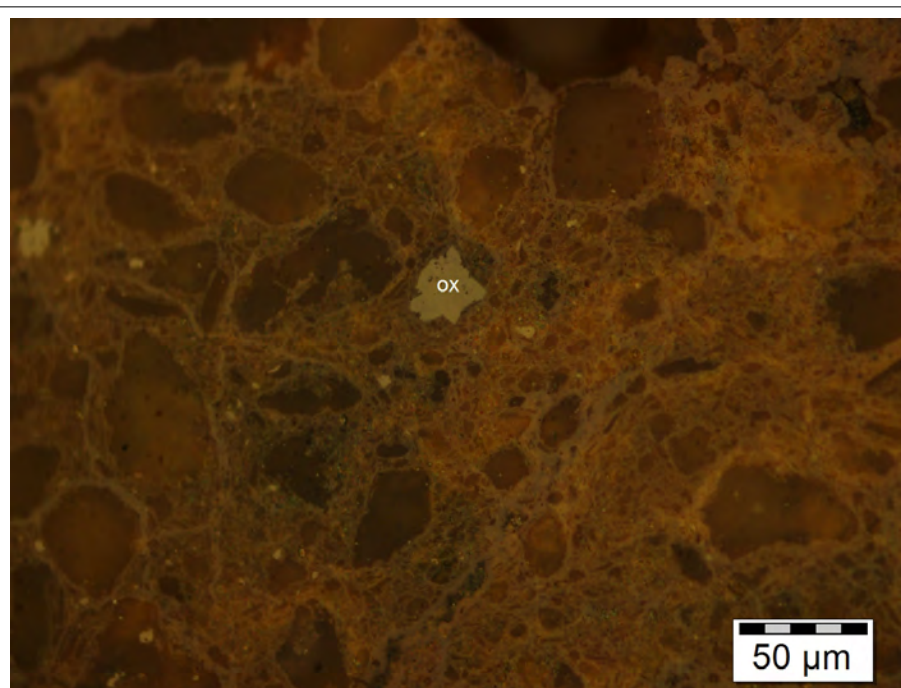
Photomicrograph 1: Very fine-grained subhedral aggregates of pyrite (py) are armoured within possible quartz grains. Plane-polarized reflected light.



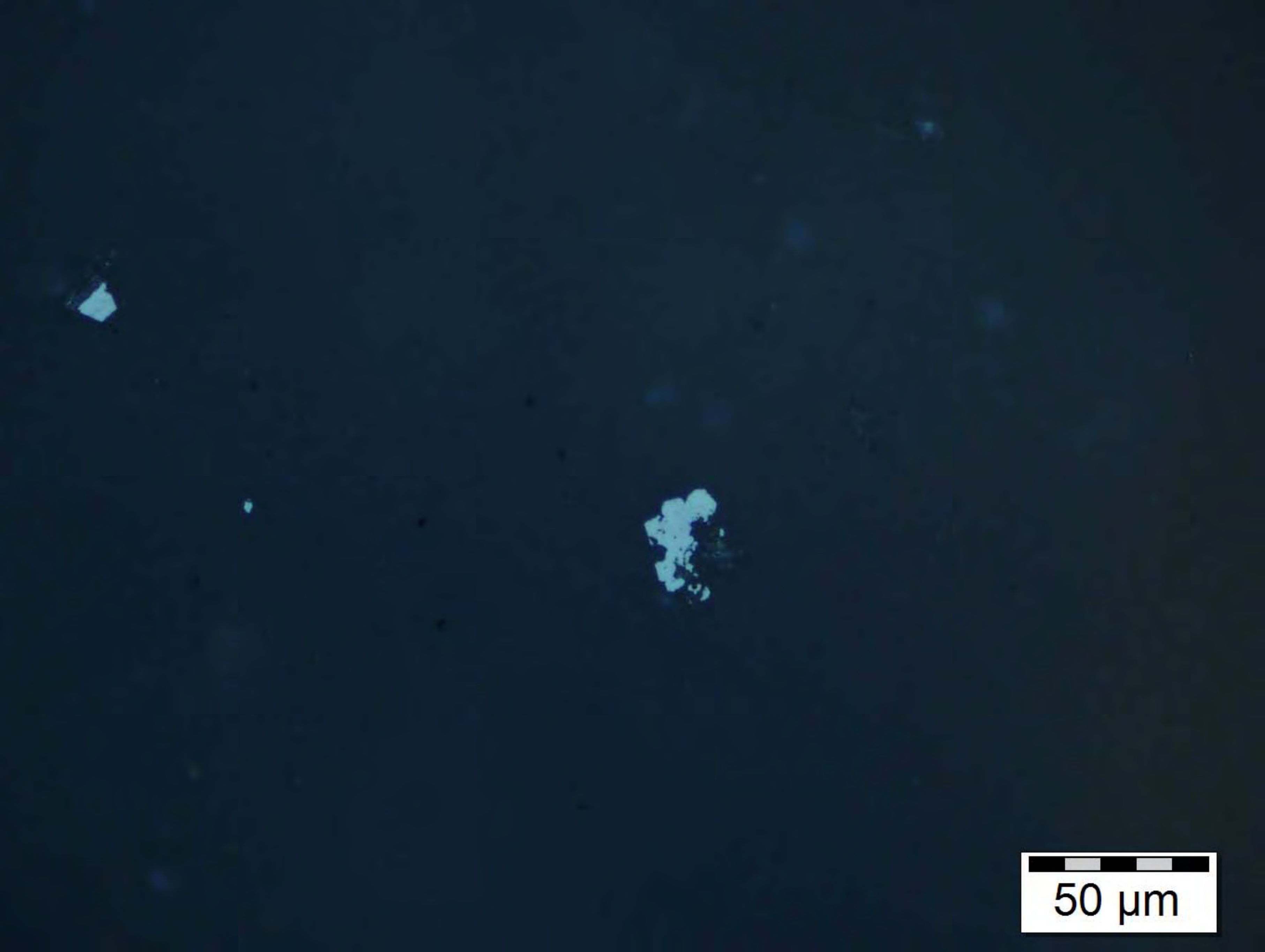
Photomicrograph 2: Unresolved and euhedral oxides (ox) are immersed within a porous clay-rich matrix. Plane-polarized reflected light.



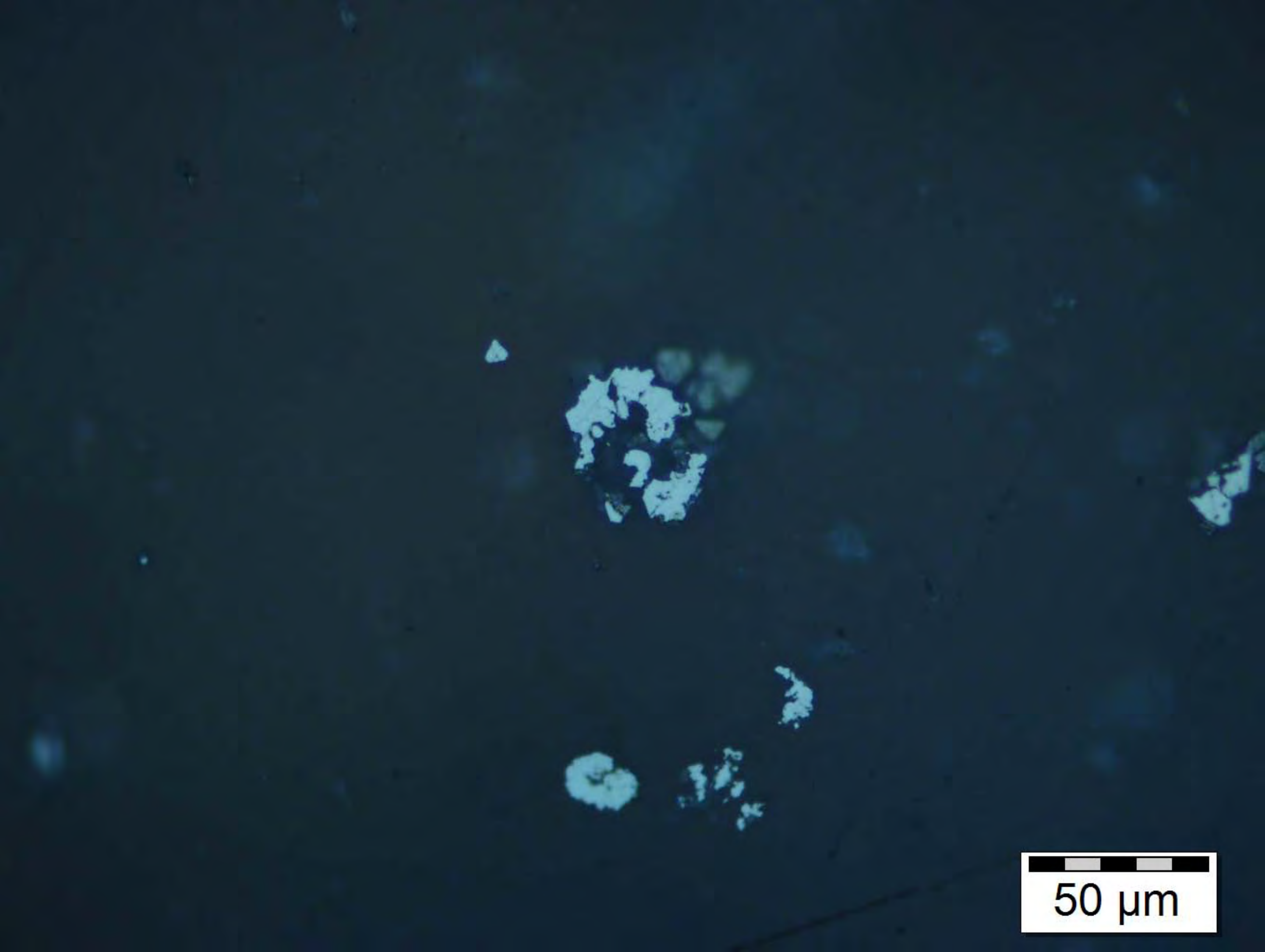
Photomicrograph 3: Unresolved and anhedral oxides (ox) are immersed within a porous clay-rich matrix. Plane-polarized reflected light.



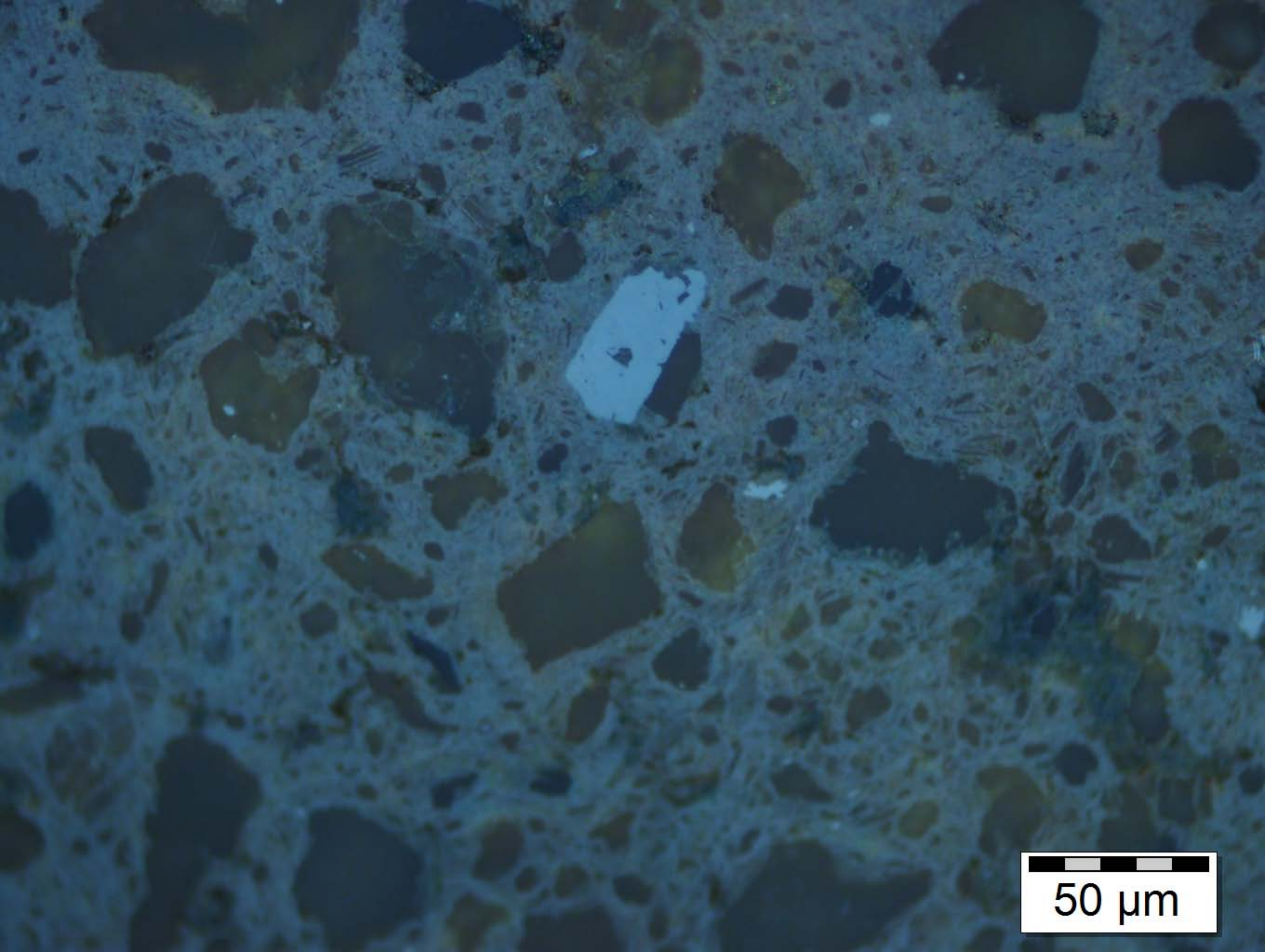
Photomicrograph 4: Unresolved and subhedral oxides (ox) are immersed within a porous clay-rich matrix. Plane-polarized reflected light.



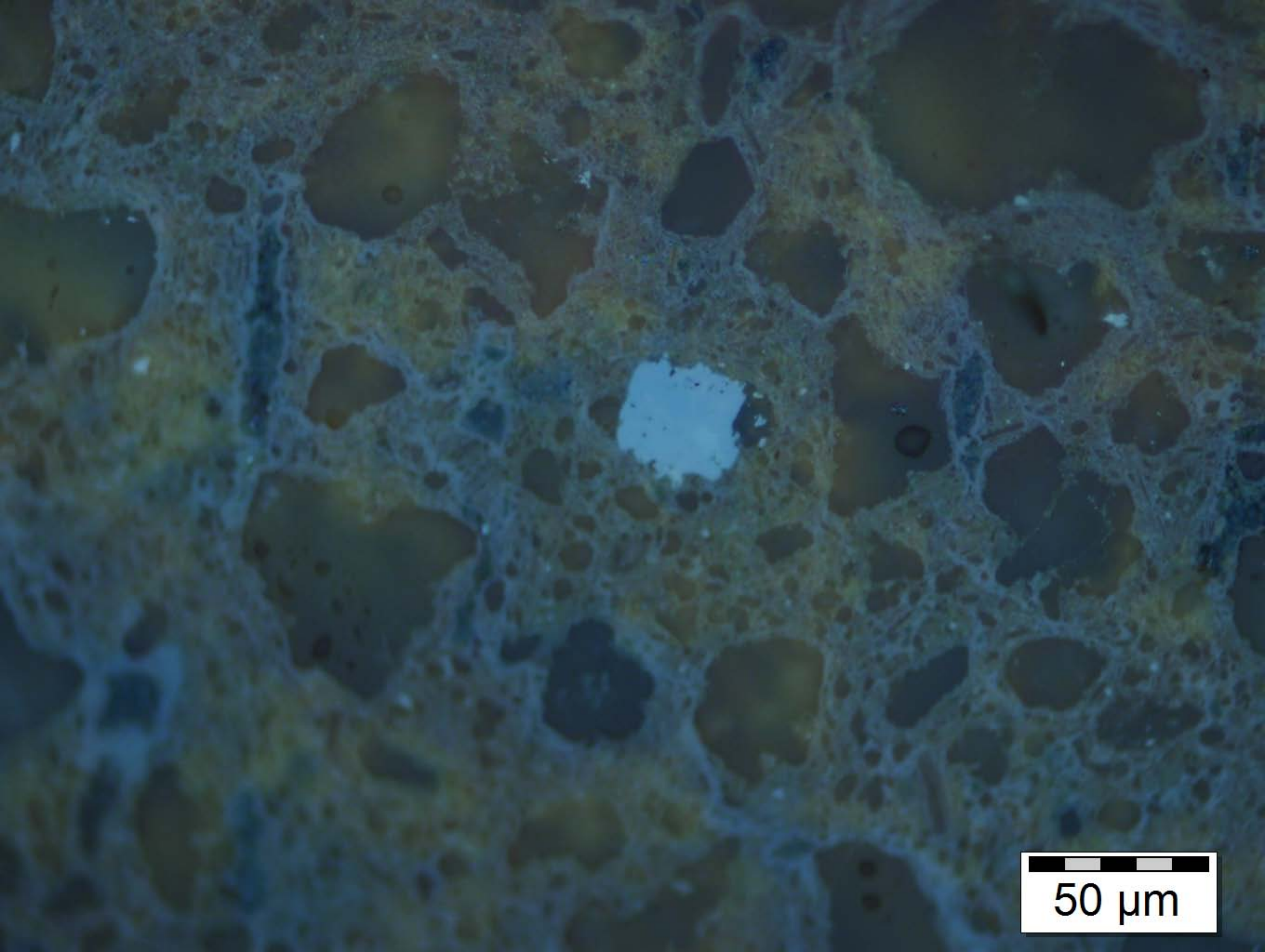
50 μm



50 μm



50 μm



50 μm

Appendix III

Sample Analytical Certificates



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Precipitate Gold Corp.**
860 - 789 West Pender St.
Vancouver BC V6C 1H2 Canada

Submitted By: Michael Moore
Receiving Lab: Canada-Whitehorse
Received: August 31, 2012
Report Date: September 07, 2012
Page: 1 of 3

CERTIFICATE OF ANALYSIS

WHI12000800.1

CLIENT JOB INFORMATION

Project: None Given
Shipment ID:
P.O. Number
Number of Samples: 32

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

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: Precipitate Gold Corp.
860 - 789 West Pender St.
Vancouver BC V6C 1H2
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	31	Dry at 60C			WHI
SS80	31	Dry at 60C sieve 100g to -80 mesh			WHI
RJSV	31	Saving all or part of Soil Reject			WHI
1DX2	31	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS



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. Results apply to samples as submitted. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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: **Precipitate Gold Corp.**
860 - 789 West Pender St.
Vancouver BC V6C 1H2 Canada

Project: None Given
Report Date: September 07, 2012

Page: 2 of 3

Part: 1 of 2

CERTIFICATE OF ANALYSIS

WHI12000800.1

	Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15		
					Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
					ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
					0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1527256	Soil				0.5	3.8	3.8	24	<0.1	1.6	0.8	17	0.26	2.5	<0.5	0.7	20	2.2	0.2	<0.1	7	0.05	0.030	6
1527257	Soil				1.6	4.5	5.0	38	<0.1	5.5	2.1	72	0.27	2.5	3.4	0.3	8	5.5	0.3	0.1	6	0.22	0.050	1
1527258	Soil				11.7	4.4	5.8	48	<0.1	6.4	1.3	25	0.31	3.1	<0.5	0.5	43	1.9	0.3	<0.1	7	0.82	0.061	2
1527259	Soil				0.2	4.7	0.7	25	<0.1	5.5	0.4	61	0.11	<0.5	<0.5	<0.1	13	1.3	0.3	<0.1	3	1.00	0.022	<1
1527260	Soil				4.9	19.4	11.8	224	0.2	15.8	7.5	3419	1.15	9.8	<0.5	0.8	17	7.1	0.9	<0.1	36	0.64	0.055	5
1527261	Soil				6.1	15.5	8.0	81	0.2	12.8	2.0	469	0.84	50.3	<0.5	0.3	33	2.4	1.0	<0.1	23	0.24	0.071	5
1527262	Soil				0.9	4.9	10.3	82	<0.1	13.4	3.8	114	1.47	28.1	<0.5	2.3	10	0.4	0.7	<0.1	25	0.02	0.016	7
1527263	Soil				0.7	3.0	5.1	17	<0.1	3.0	0.9	46	0.18	1.2	<0.5	0.3	10	0.6	0.1	<0.1	5	0.08	0.042	3
1527264	Soil				1.9	9.1	9.2	49	0.4	7.8	1.4	106	0.46	3.2	<0.5	0.3	10	3.7	0.4	<0.1	14	0.20	0.069	3
1527265	Soil				1.8	5.8	8.7	43	0.6	5.1	1.1	65	0.31	1.1	<0.5	0.3	9	2.5	0.2	<0.1	6	0.20	0.065	2
1527266	Soil				1.1	2.7	2.2	36	1.1	4.3	0.4	54	0.10	<0.5	<0.5	0.2	6	4.8	<0.1	<0.1	4	0.12	0.055	1
1527267	Soil				1.5	8.2	5.1	35	1.1	7.9	0.9	124	0.20	<0.5	1.1	0.1	23	8.3	<0.1	<0.1	6	0.30	0.053	2
1527268	Soil				0.9	4.2	2.6	13	0.4	3.5	0.4	41	0.13	0.6	<0.5	0.3	8	2.8	<0.1	<0.1	6	0.11	0.040	2
1527269	Soil				1.1	7.0	3.9	31	0.6	4.6	0.4	39	0.13	<0.5	<0.5	0.1	13	7.8	<0.1	<0.1	4	0.28	0.059	1
1527270	Soil				3.6	34.2	15.3	170	0.5	34.9	10.2	1336	1.81	11.6	<0.5	1.9	54	9.3	1.6	<0.1	56	2.31	0.059	10
1527271	Soil				1.3	13.7	3.2	24	0.7	8.6	0.8	42	0.16	<0.5	<0.5	0.1	21	14.5	<0.1	<0.1	4	0.20	0.042	2
1527272	Soil				1.3	8.5	3.4	33	0.9	5.4	0.7	23	0.17	<0.5	0.7	0.2	19	12.0	0.1	<0.1	5	0.22	0.051	1
1527222	Soil				2.2	1.5	5.7	10	0.4	1.6	0.1	42	0.07	5.8	<0.5	0.1	7	0.1	1.3	<0.1	7	0.07	0.030	3
1527223	Soil				5.1	2.0	34.7	6	0.2	1.4	0.2	4	0.24	95.3	1.0	0.6	15	<0.1	2.7	<0.1	8	<0.01	0.008	6
1527224	Soil				6.3	15.6	6.2	60	0.4	34.4	4.2	27	1.51	185.4	0.6	0.5	20	0.7	4.3	0.5	25	0.20	0.057	3
1527225	Soil				1.4	7.6	5.8	17	0.2	9.5	4.0	13	0.71	190.8	<0.5	0.3	15	0.2	0.9	<0.1	21	0.02	0.018	5
1527226	Soil				0.2	4.3	6.1	34	<0.1	11.7	5.2	1022	2.41	15.9	0.5	3.7	17	0.1	0.6	<0.1	13	1.03	0.046	11
1527227	Soil				<0.1	4.0	17.6	43	<0.1	22.5	9.4	2297	3.55	37.9	<0.5	1.3	68	0.2	1.3	<0.1	7	9.18	0.063	8
1527228	Soil				L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
1527229	Soil				0.4	1.4	4.5	9	<0.1	2.3	0.9	41	0.50	6.1	<0.5	0.5	42	<0.1	0.4	<0.1	18	0.01	0.033	12
1527230	Soil				1.8	6.4	6.0	12	<0.1	4.2	0.6	83	0.45	15.9	<0.5	0.4	74	0.4	0.9	<0.1	37	0.20	0.066	8
1527231	Soil				0.9	11.6	4.7	12	<0.1	5.0	0.9	29	0.53	1.2	0.6	0.6	136	0.6	0.4	<0.1	39	0.05	0.090	12
1527232	Soil				0.5	7.1	8.0	43	<0.1	8.0	6.5	196	1.70	76.4	<0.5	1.0	22	0.1	1.0	<0.1	13	<0.01	0.037	7
1527233	Soil				2.5	8.1	27.2	12	<0.1	2.2	0.6	16	1.15	26.2	<0.5	1.1	3	<0.1	5.7	<0.1	32	<0.01	0.018	7
1527234	Soil				1.2	2.6	5.2	34	<0.1	5.3	1.3	36	0.56	3.4	<0.5	1.3	6	0.2	0.6	<0.1	22	0.04	0.010	6



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Project: None Given
Report Date: September 07, 2012

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CERTIFICATE OF ANALYSIS

WHI12000800.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1527256	Soil	2	0.02	153	0.004	2	0.17	0.005	0.02	<0.1	0.06	0.6	0.1	<0.05	1	<0.5	<0.2
1527257	Soil	5	0.04	159	0.003	3	0.13	0.006	0.05	<0.1	0.15	0.9	<0.1	<0.05	<1	<0.5	<0.2
1527258	Soil	5	0.14	189	0.002	6	0.14	0.004	0.05	<0.1	0.15	1.0	<0.1	<0.05	<1	<0.5	<0.2
1527259	Soil	1	0.08	196	0.005	2	0.17	0.010	<0.01	<0.1	0.04	0.4	<0.1	<0.05	<1	<0.5	<0.2
1527260	Soil	9	0.06	522	0.005	5	0.45	0.006	0.06	<0.1	0.10	1.4	0.6	<0.05	2	<0.5	<0.2
1527261	Soil	12	0.03	274	0.004	4	0.33	0.003	0.04	<0.1	0.18	1.1	2.8	<0.05	1	<0.5	<0.2
1527262	Soil	11	0.12	128	0.004	1	0.80	0.001	0.03	<0.1	0.01	1.2	1.1	<0.05	2	<0.5	<0.2
1527263	Soil	3	0.02	122	0.003	3	0.19	0.005	0.06	<0.1	0.10	0.7	0.3	<0.05	<1	<0.5	<0.2
1527264	Soil	8	0.04	222	0.004	4	0.33	0.005	0.08	<0.1	0.14	1.0	0.2	<0.05	1	<0.5	<0.2
1527265	Soil	6	0.03	154	0.004	2	0.19	0.006	0.08	<0.1	0.15	0.8	0.1	<0.05	<1	<0.5	<0.2
1527266	Soil	5	0.03	72	0.003	3	0.07	0.005	0.06	<0.1	0.12	0.7	0.1	0.07	<1	<0.5	<0.2
1527267	Soil	5	0.02	402	0.005	2	0.19	0.006	0.09	<0.1	0.09	1.5	0.1	<0.05	<1	<0.5	<0.2
1527268	Soil	3	0.02	111	0.004	2	0.10	0.007	0.05	<0.1	0.07	0.7	<0.1	0.06	<1	<0.5	<0.2
1527269	Soil	5	0.04	212	0.005	2	0.12	0.008	0.06	<0.1	0.09	0.9	<0.1	0.08	<1	<0.5	<0.2
1527270	Soil	14	0.11	617	0.011	5	0.91	0.009	0.07	0.2	0.15	2.9	0.5	0.07	3	0.6	<0.2
1527271	Soil	4	0.03	633	0.004	<1	0.16	0.012	0.04	<0.1	0.10	0.8	<0.1	0.06	<1	<0.5	<0.2
1527272	Soil	5	0.02	380	0.004	2	0.15	0.014	0.03	<0.1	0.13	0.9	<0.1	0.09	<1	<0.5	<0.2
1527222	Soil	2	0.01	75	<0.001	2	0.11	0.005	0.05	<0.1	0.16	0.3	2.4	0.08	<1	<0.5	<0.2
1527223	Soil	3	<0.01	26	<0.001	1	0.06	0.002	0.03	<0.1	0.33	0.3	5.2	<0.05	<1	<0.5	<0.2
1527224	Soil	8	0.01	259	0.004	2	0.18	0.012	0.04	<0.1	0.21	1.5	3.3	0.14	1	<0.5	<0.2
1527225	Soil	3	<0.01	64	0.002	<1	0.10	0.004	0.02	<0.1	0.05	0.4	2.5	<0.05	<1	<0.5	<0.2
1527226	Soil	4	0.61	52	0.004	2	0.32	0.003	0.02	<0.1	0.04	3.2	0.5	<0.05	<1	<0.5	<0.2
1527227	Soil	2	5.90	13	0.007	3	0.15	0.007	0.01	<0.1	0.03	1.7	1.4	<0.05	<1	<0.5	<0.2
1527228	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
1527229	Soil	4	0.02	83	0.002	2	0.24	0.002	0.03	<0.1	0.07	1.3	0.6	<0.05	1	<0.5	<0.2
1527230	Soil	8	0.12	233	0.003	4	0.46	0.009	0.07	<0.1	0.13	1.8	0.3	<0.05	3	<0.5	<0.2
1527231	Soil	7	0.05	368	0.002	7	0.77	0.006	0.06	<0.1	0.10	9.5	0.1	<0.05	3	<0.5	<0.2
1527232	Soil	5	<0.01	32	0.003	1	0.16	0.001	0.01	<0.1	0.11	3.8	3.9	<0.05	<1	<0.5	<0.2
1527233	Soil	7	<0.01	8	0.007	1	0.13	<0.001	<0.01	<0.1	0.04	1.4	<0.1	<0.05	<1	<0.5	<0.2
1527234	Soil	7	0.08	72	0.006	32	0.28	0.002	0.03	<0.1	0.02	0.8	<0.1	<0.05	1	<0.5	<0.2



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Project: None Given
Report Date: September 07, 2012

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CERTIFICATE OF ANALYSIS

WHI12000800.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1527235	Soil	4.8	11.1	13.3	70	0.5	11.1	2.1	242	0.85	4.9	<0.5	0.9	10	4.3	0.9	<0.1	29	0.26	0.048	7
1527236	Soil	3.4	17.2	12.7	106	<0.1	28.6	4.9	75	1.79	10.2	<0.5	1.7	7	0.6	2.2	<0.1	38	0.03	0.026	5



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CERTIFICATE OF ANALYSIS

WHI12000800.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1527235	Soil	11	0.07	174	0.005	3	0.44	0.007	0.05	0.1	0.11	1.0	0.2	0.05	2	<0.5	<0.2
1527236	Soil	15	0.09	69	0.002	3	0.46	0.003	0.03	<0.1	0.18	2.0	0.3	<0.05	1	<0.5	<0.2



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QUALITY CONTROL REPORT

WHI12000800.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
Pulp Duplicates																					
1527262	Soil	0.9	4.9	10.3	82	<0.1	13.4	3.8	114	1.47	28.1	<0.5	2.3	10	0.4	0.7	<0.1	25	0.02	0.016	7
REP 1527262	QC	1.0	5.2	10.3	82	<0.1	12.4	3.7	112	1.48	28.5	<0.5	2.2	9	0.3	0.7	<0.1	25	0.02	0.015	7
Reference Materials																					
STD DS9	Standard	12.0	110.3	121.4	313	1.8	40.9	7.6	572	2.25	25.9	112.9	5.8	67	2.7	6.2	5.8	40	0.65	0.082	11
STD DS9 Expected		12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	0.0819	13.3
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	0.02	<0.001	<1



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Project: None Given

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QUALITY CONTROL REPORT

WHI12000800.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																	
1527262	Soil	11	0.12	128	0.004	1	0.80	0.001	0.03	<0.1	0.01	1.2	1.1	<0.05	2	<0.5	<0.2
REP 1527262	QC	11	0.12	130	0.005	1	0.78	0.001	0.02	<0.1	0.02	1.1	1.1	<0.05	2	<0.5	<0.2
Reference Materials																	
STD DS9	Standard	121	0.62	292	0.101	3	0.83	0.080	0.39	2.9	0.21	3.1	5.2	0.20	4	5.0	4.8
STD DS9 Expected		121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	0.2	2.5	5.3	0.1615	4.59	5.2	5.02
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2



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Submitted By: Michael Moore
Receiving Lab: Canada-Whitehorse
Received: August 31, 2012
Report Date: September 24, 2012
Page: 1 of 3

CERTIFICATE OF ANALYSIS

WHI12000799.1

CLIENT JOB INFORMATION

Project: None Given
Shipment ID:
P.O. Number
Number of Samples: 55

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	55	Crush, split and pulverize 250 g rock to 200 mesh			WHI
1F02	55	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed	VAN

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

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: Precipitate Gold Corp.
860 - 789 West Pender St.
Vancouver BC V6C 1H2
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. Results apply to samples as submitted. ** 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: None Given
Report Date: September 24, 2012

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CERTIFICATE OF ANALYSIS

WHI12000799.1

	Method Analyte Unit MDL	WGHT	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2
1528131	Rock	0.82	1.20	1.26	4.53	0.4	23	0.8	0.2	19	0.51	38.4	0.1	0.8	2.1	16.7	<0.01	0.32	0.03	<2
1528132	Rock	0.81	0.23	2.23	1.91	4.9	5	3.4	2.1	51	0.62	4.5	0.2	0.4	1.7	18.0	0.02	0.39	<0.02	5
1528133	Rock	0.50	0.13	1.07	7.15	0.8	22	0.6	0.1	13	0.14	2.0	0.3	0.4	2.3	6.0	0.01	0.13	0.02	2
1528134	Rock	0.84	0.14	1.18	1.04	0.2	3	1.4	0.2	24	0.27	0.4	<0.1	0.4	1.3	5.9	<0.01	0.06	<0.02	<2
1528135	Rock	0.78	0.08	0.73	1.63	1.3	2	1.4	0.3	17	0.29	1.4	0.2	<0.2	2.5	6.0	<0.01	0.33	<0.02	<2
1528136	Rock	0.76	0.14	0.84	1.70	0.6	3	1.1	0.4	27	0.25	0.6	0.2	<0.2	1.3	4.3	<0.01	0.04	<0.02	<2
1528137	Rock	0.88	0.07	0.93	1.67	0.6	3	0.8	0.1	18	0.30	0.2	0.1	<0.2	1.0	4.3	<0.01	0.28	<0.02	3
1528138	Rock	0.50	0.21	1.01	1.22	0.9	4	1.7	0.4	43	0.57	1.0	0.2	0.8	3.3	14.1	<0.01	0.44	<0.02	3
1528150	Rock	1.05	0.06	0.88	0.40	0.4	4	0.6	0.1	18	0.16	0.3	<0.1	0.4	0.5	14.8	<0.01	0.07	<0.02	2
1528139	Rock	1.25	0.51	4.91	7.41	27.5	18	4.8	1.8	168	1.27	2.4	0.3	0.3	2.6	15.4	0.10	0.35	0.03	2
1528140	Rock	0.74	0.19	4.37	1.83	14.9	17	4.9	1.9	120	0.91	2.2	0.4	<0.2	3.0	7.2	0.05	0.05	0.04	2
1528141	Rock	0.43	0.81	7.94	8.17	20.4	40	6.6	1.9	264	1.28	10.1	0.4	0.6	1.7	12.3	0.22	16.49	0.02	9
1528142	Rock	1.05	0.83	4.06	17.32	273.7	166	32.2	3.8	187	1.69	15.8	1.4	0.7	10.5	15.5	1.55	1.61	0.09	22
1528143	Rock	1.67	0.83	5.40	15.18	479.9	731	76.3	3.0	110	1.46	12.4	0.3	0.8	5.3	9.4	3.50	0.77	0.16	9
1528144	Rock	1.28	2.25	5.72	15.87	734.5	651	98.4	2.2	106	2.04	21.0	0.7	<0.2	6.7	4.3	5.23	4.47	0.16	18
1528145	Rock	0.62	1.22	3.12	9.92	238.3	875	28.4	1.7	46	1.24	9.8	0.9	0.5	7.0	22.2	1.53	2.07	0.05	8
1528146	Rock	0.97	1.95	10.76	32.89	235.1	140	31.4	2.5	53	1.49	14.0	1.3	<0.2	3.1	14.3	0.85	4.55	0.06	16
1528147	Rock	1.34	0.32	1.90	0.35	12.5	94	3.1	0.2	34	0.40	1.3	0.1	<0.2	0.3	<0.5	0.10	0.14	<0.02	3
1528148	Rock	2.18	1.26	9.08	1.58	97.8	89	11.9	3.8	99	1.38	9.4	1.2	0.7	3.7	1.8	1.02	1.24	0.08	25
1391451	Rock	0.54	0.19	6.30	51.62	49.1	169	41.2	18.0	117	0.71	2.5	0.4	0.4	11.4	8.5	0.12	0.33	0.42	<2
1391452	Rock	0.45	0.18	17.32	4.75	38.5	31	15.9	15.4	335	2.55	3.6	0.8	<0.2	5.9	252.2	0.06	0.19	0.03	73
1391453	Rock	0.45	0.13	2.16	2.88	25.7	11	2.8	1.4	58	0.38	1.7	0.1	0.4	3.8	1.8	0.02	0.06	0.04	<2
1391454	Rock	0.49	0.18	3.27	19.39	32.3	44	5.7	1.9	195	1.07	22.1	0.8	<0.2	13.2	8.7	0.11	0.33	0.06	<2
1528101	Rock	1.33	9.37	35.89	1.97	274.7	292	28.0	1.7	138	0.34	16.8	2.9	<0.2	0.4	829.7	17.00	10.16	<0.02	91
1528102	Rock	1.20	0.38	14.42	3.22	42.3	178	10.3	2.1	110	0.93	1.9	0.2	0.4	1.3	21.2	0.27	0.33	0.02	11
1528103	Rock	0.94	3.51	52.96	9.39	112.5	755	19.9	2.1	41	1.59	3.4	0.9	0.9	2.5	68.0	0.65	1.51	0.11	37
1528104	Rock	1.37	1.72	21.38	3.60	71.4	158	18.9	2.6	57	2.02	8.4	0.7	<0.2	1.7	51.8	0.21	1.19	0.06	2
1528105	Rock	1.65	0.35	33.79	3.34	56.9	92	12.9	6.1	273	2.02	2.7	0.2	<0.2	1.3	423.6	0.05	0.24	0.09	16
1528106	Rock	2.81	0.98	28.30	12.75	68.8	444	22.5	7.7	82	3.75	10.3	0.7	0.8	3.0	40.5	0.05	1.68	0.19	38
1528107	Rock	0.98	0.48	4.79	1.09	38.7	115	6.0	1.1	178	0.91	8.3	0.5	0.8	0.5	87.7	0.24	0.59	<0.02	6



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Report Date: September 24, 2012

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm
		0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02
1528131	Rock	0.007	8.7	8.9	<0.01	78.4	<0.001	1	0.12	0.002	0.07	<0.1	0.2	4.55	0.12	28	<0.1	<0.02
1528132	Rock	0.008	5.2	13.1	<0.01	27.3	0.001	2	0.13	0.002	0.04	<0.1	0.5	0.04	<0.02	<5	<0.1	<0.02
1528133	Rock	0.004	10.7	3.9	0.01	11.7	0.001	4	0.32	0.001	0.07	<0.1	0.4	0.10	<0.02	11	<0.1	<0.02
1528134	Rock	0.002	5.1	14.8	<0.01	8.3	<0.001	1	0.07	0.001	0.02	<0.1	<0.1	0.02	<0.02	<5	<0.1	<0.02
1528135	Rock	0.007	40.7	11.1	<0.01	28.1	<0.001	2	0.14	0.003	0.14	<0.1	0.2	0.06	<0.02	6	<0.1	<0.02
1528136	Rock	0.002	7.8	12.4	<0.01	15.1	<0.001	2	0.15	0.001	0.03	<0.1	0.2	<0.02	<0.02	7	<0.1	<0.02
1528137	Rock	0.002	3.6	5.6	<0.01	7.9	0.002	1	0.10	0.001	0.04	<0.1	0.2	<0.02	<0.02	<5	<0.1	<0.02
1528138	Rock	0.005	6.2	13.0	<0.01	60.9	0.003	<1	0.13	0.003	0.13	<0.1	0.2	0.11	<0.02	8	<0.1	<0.02
1528150	Rock	0.004	3.9	6.2	<0.01	36.5	<0.001	2	0.06	0.001	0.04	<0.1	0.2	0.02	<0.02	14	<0.1	<0.02
1528139	Rock	0.021	4.7	13.5	0.02	237.3	<0.001	<1	0.18	0.002	0.06	<0.1	1.2	<0.02	<0.02	38	<0.1	<0.02
1528140	Rock	0.015	3.0	10.0	<0.01	104.4	<0.001	<1	0.14	0.001	0.06	<0.1	1.0	<0.02	<0.02	<5	<0.1	<0.02
1528141	Rock	0.021	4.4	19.6	0.02	283.4	0.001	<1	0.21	0.001	0.05	0.2	0.8	<0.02	<0.02	18	<0.1	<0.02
1528142	Rock	0.342	18.5	34.5	0.02	89.0	0.004	4	0.18	0.002	0.08	<0.1	2.7	0.10	<0.02	29	<0.1	<0.02
1528143	Rock	0.102	24.1	19.2	0.02	3407	0.001	4	0.33	0.001	0.17	<0.1	4.7	0.28	0.05	14	0.1	<0.02
1528144	Rock	0.082	37.9	20.5	0.02	1045	0.001	6	0.31	0.001	0.15	<0.1	4.6	0.44	<0.02	29	0.2	<0.02
1528145	Rock	0.341	22.2	15.6	0.01	435.9	0.003	4	0.17	0.002	0.07	<0.1	2.7	0.12	<0.02	15	0.1	<0.02
1528146	Rock	0.059	24.9	24.7	0.02	948.7	0.001	7	0.22	0.002	0.10	<0.1	1.6	0.11	<0.02	29	<0.1	<0.02
1528147	Rock	0.005	1.2	23.0	<0.01	33.2	<0.001	<1	0.03	0.001	0.01	<0.1	0.4	0.02	<0.02	<5	<0.1	<0.02
1528148	Rock	0.031	14.2	23.6	0.02	149.7	0.002	2	0.14	0.001	0.08	<0.1	2.4	0.19	<0.02	15	<0.1	<0.02
1391451	Rock	0.038	12.2	11.3	0.04	48.9	0.013	1	0.23	0.033	0.13	<0.1	0.3	0.03	<0.02	9	<0.1	<0.02
1391452	Rock	0.044	6.6	20.4	1.40	141.6	0.098	1	5.36	0.317	0.04	0.1	3.5	<0.02	0.04	<5	<0.1	<0.02
1391453	Rock	0.026	6.3	11.7	0.04	12.5	0.003	<1	0.10	0.023	0.03	<0.1	0.2	<0.02	<0.02	<5	<0.1	<0.02
1391454	Rock	0.038	16.8	6.3	0.01	58.5	0.001	<1	0.23	0.036	0.12	<0.1	0.7	<0.02	<0.02	<5	<0.1	0.03
1528101	Rock	0.069	2.7	8.3	0.57	336.6	<0.001	2	0.09	0.004	0.04	<0.1	2.2	0.46	0.39	58	12.0	0.18
1528102	Rock	0.026	4.2	15.2	0.29	128.6	<0.001	<1	0.25	0.002	0.09	<0.1	0.8	0.04	<0.02	19	0.4	<0.02
1528103	Rock	0.101	12.1	20.0	0.30	256.0	0.002	2	0.50	0.003	0.15	<0.1	1.0	0.08	0.04	131	5.9	0.09
1528104	Rock	0.053	3.9	12.6	0.10	88.4	<0.001	2	0.27	0.006	0.07	<0.1	1.3	0.09	1.52	139	2.6	0.03
1528105	Rock	0.035	8.8	22.3	0.48	1022	0.001	1	0.58	0.005	0.07	<0.1	2.2	<0.02	0.10	67	0.8	<0.02
1528106	Rock	0.090	13.8	29.9	0.69	241.6	0.002	4	1.43	0.012	0.22	<0.1	2.1	0.07	0.63	236	1.6	0.11
1528107	Rock	0.058	3.4	14.0	1.57	163.9	<0.001	<1	0.03	0.001	0.02	<0.1	0.3	0.03	<0.02	40	0.2	0.03



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CERTIFICATE OF ANALYSIS

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		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2
1528108	Rock	1.49	0.07	2.20	3.09	7.7	11	1.8	0.8	462	0.54	0.5	<0.1	1.0	1.4	1357	0.02	0.02	<0.02	<2
1528109	Rock	1.13	0.51	1.09	5.25	6.5	5	1.6	1.2	696	0.62	0.4	0.1	<0.2	1.8	777.6	<0.01	0.04	<0.02	<2
1528110	Rock	0.86	0.14	1.99	1.45	7.9	6	1.8	0.9	128	0.53	1.6	<0.1	0.4	0.8	669.6	0.05	0.07	<0.02	<2
1528111	Rock	1.09	0.88	47.90	10.41	73.1	285	24.6	10.1	254	2.17	35.1	1.7	2.5	4.3	601.5	0.36	0.66	0.07	12
1528112	Rock	0.97	0.35	23.48	14.14	63.6	130	22.7	11.7	471	3.22	2.9	0.6	1.3	8.3	258.5	0.09	0.30	0.10	7
1528113	Rock	1.42	0.33	2.07	4.25	7.9	25	2.6	1.6	245	0.84	1.8	0.4	2.9	5.1	40.1	0.03	0.10	<0.02	<2
1528114	Rock	0.81	0.35	10.82	2.85	23.1	29	18.3	8.9	261	2.15	4.9	0.2	<0.2	1.7	70.5	0.12	0.45	<0.02	24
1528115	Rock	0.73	0.39	6.49	4.22	16.3	20	8.1	4.5	489	1.04	2.2	0.9	0.8	2.7	588.5	0.04	0.08	<0.02	10
1528116	Rock	1.02	0.64	45.66	3.68	82.1	44	33.5	37.7	952	6.93	1.2	0.4	1.0	2.6	108.8	0.06	0.06	<0.02	176
1528117	Rock	1.64	0.18	1.62	0.88	6.5	12	3.6	1.4	210	0.83	4.1	0.1	2.0	0.5	84.3	0.03	0.24	<0.02	4
1528118	Rock	0.99	0.46	2.55	1.52	13.7	19	5.0	2.2	413	1.03	2.3	0.4	0.8	1.2	268.0	0.07	0.20	<0.02	5
1528119	Rock	1.51	1.18	127.0	0.35	1397	97	5.0	0.6	88	0.14	1.8	1.4	<0.2	0.2	633.1	36.71	0.74	<0.02	51
1528120	Rock	1.84	0.81	42.19	0.58	32.7	75	8.1	0.7	89	0.21	6.8	1.0	<0.2	0.2	741.1	0.38	3.19	<0.02	17
1528121	Rock	5.03	1.79	98.00	1.62	87.1	245	10.4	0.9	83	0.59	14.4	1.3	<0.2	0.6	543.0	2.12	6.48	<0.02	40
1528122	Rock	1.37	1.18	71.14	1.00	29.3	240	12.3	0.8	75	0.32	9.2	1.8	0.6	0.6	484.4	0.30	3.78	<0.02	44
1528123	Rock	1.53	1.36	6.85	4.67	134.8	211	6.4	1.3	87	0.63	6.7	1.8	<0.2	0.4	522.9	2.26	3.71	<0.02	21
1528124	Rock	2.06	53.82	81.03	15.15	256.0	2641	89.1	5.7	28	1.64	43.1	8.7	<0.2	2.6	29.3	2.61	18.20	0.10	139
1528125	Rock	1.03	0.51	5.32	1.29	64.4	103	5.1	1.2	91	0.38	3.6	2.1	0.6	0.5	192.4	1.05	1.09	<0.02	12
1528126	Rock	1.07	18.43	6.02	8.82	25.8	1697	3.4	0.4	30	0.32	8.3	2.1	<0.2	1.1	13.5	0.31	8.53	0.03	129
1528127	Rock	1.68	10.91	49.18	4.92	394.1	481	42.1	4.0	390	0.95	9.6	4.0	<0.2	0.9	1055	6.81	7.87	<0.02	42
1528128	Rock	1.24	3.14	64.31	2.89	162.2	160	31.4	5.0	128	1.58	17.1	1.4	0.4	1.8	155.0	1.06	0.96	<0.02	15
1528129	Rock	1.12	2.84	177.8	26.63	361.9	455	91.8	25.8	292	6.64	132.4	2.6	1.0	3.6	66.4	1.10	16.33	0.28	17
1528130	Rock	3.65	0.27	2.63	0.97	18.2	21	3.6	1.2	1196	3.38	16.7	0.3	1.0	0.6	1524	0.11	0.33	0.03	8
1827223	Rock	1.61	0.26	1.61	1.49	1.8	12	1.9	0.7	28	0.29	2.9	<0.1	0.8	0.2	11.6	<0.01	0.23	<0.02	<2
1827228	Rock	1.67	0.18	1.87	8.24	14.7	72	8.8	9.9	4327	5.87	9.8	0.6	1.7	1.4	28.4	0.09	0.41	<0.02	7



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	Method Analyte Unit MDL	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se	Te
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm
		0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02
1528108	Rock	0.092	13.3	7.5	0.20	59.9	<0.001	<1	0.11	0.003	0.02	<0.1	3.3	<0.02	<0.02	<5	0.3	0.14
1528109	Rock	0.081	10.7	2.7	0.49	67.7	<0.001	<1	0.11	0.019	0.03	<0.1	1.5	<0.02	<0.02	14	<0.1	0.05
1528110	Rock	0.010	3.8	5.4	0.65	55.1	<0.001	<1	0.09	0.004	0.02	<0.1	1.0	<0.02	<0.02	12	<0.1	0.06
1528111	Rock	0.065	6.6	5.0	1.41	247.3	<0.001	3	0.49	0.012	0.19	<0.1	4.4	0.11	0.10	89	0.5	<0.02
1528112	Rock	0.036	27.6	5.3	1.40	206.0	<0.001	3	0.39	0.011	0.20	<0.1	3.4	0.05	0.08	108	0.3	0.04
1528113	Rock	0.008	3.3	10.5	0.10	42.7	<0.001	<1	0.06	0.008	0.02	<0.1	0.8	<0.02	<0.02	<5	<0.1	<0.02
1528114	Rock	0.054	10.6	27.5	0.29	262.3	0.002	2	0.67	0.002	0.06	<0.1	3.7	<0.02	<0.02	10	0.1	<0.02
1528115	Rock	0.023	14.1	11.2	1.27	179.1	0.002	<1	1.00	0.003	0.08	<0.1	2.4	0.02	0.09	20	<0.1	0.03
1528116	Rock	0.199	21.1	18.2	1.84	246.8	0.423	6	3.48	0.035	0.19	<0.1	5.1	0.03	0.18	11	<0.1	<0.02
1528117	Rock	0.042	1.7	13.9	0.02	33.7	<0.001	1	0.04	0.001	0.01	<0.1	1.0	<0.02	<0.02	19	<0.1	<0.02
1528118	Rock	0.039	6.6	9.0	0.09	68.9	0.005	<1	0.11	0.006	0.03	<0.1	1.7	<0.02	0.02	22	<0.1	<0.02
1528119	Rock	0.029	2.1	5.9	0.64	259.6	<0.001	1	0.03	0.002	<0.01	<0.1	0.2	<0.02	0.10	395	1.2	0.03
1528120	Rock	0.010	3.2	5.2	0.82	569.7	<0.001	<1	0.03	0.003	<0.01	<0.1	0.4	0.02	0.11	34	0.7	<0.02
1528121	Rock	0.026	3.7	5.9	2.01	251.9	0.001	2	0.05	0.003	0.01	<0.1	0.6	0.06	0.44	33	3.0	0.03
1528122	Rock	0.094	3.7	5.4	1.50	357.2	0.001	1	0.06	0.002	0.01	<0.1	0.8	0.11	0.24	9	2.8	<0.02
1528123	Rock	0.012	2.4	9.1	0.31	542.8	<0.001	<1	0.08	0.002	0.02	<0.1	1.0	0.05	0.28	137	2.2	0.03
1528124	Rock	0.053	4.7	10.9	0.05	81.8	0.002	4	0.37	<0.001	0.15	0.1	1.5	0.69	1.49	1101	13.9	0.22
1528125	Rock	0.010	2.7	18.1	0.27	181.8	<0.001	2	0.04	<0.001	0.02	<0.1	0.7	0.04	0.14	83	0.7	0.03
1528126	Rock	0.004	8.1	11.1	0.02	331.2	0.001	4	0.20	<0.001	0.08	<0.1	0.5	0.29	0.21	486	8.3	0.06
1528127	Rock	0.021	3.3	9.4	0.46	446.8	<0.001	3	0.18	0.001	0.06	<0.1	1.1	0.18	0.25	282	2.6	0.07
1528128	Rock	0.082	7.2	10.9	0.43	278.4	0.001	1	0.24	0.004	0.07	<0.1	3.2	0.07	0.29	177	3.6	0.06
1528129	Rock	0.110	17.4	13.5	0.06	1079	<0.001	4	0.81	<0.001	0.18	<0.1	5.6	0.37	0.16	596	4.7	<0.02
1528130	Rock	0.020	5.5	8.4	3.38	247.3	<0.001	<1	0.08	0.002	0.04	<0.1	2.0	0.04	0.13	17	0.6	0.14
1827223	Rock	0.002	0.9	28.0	0.01	29.8	<0.001	<1	0.03	<0.001	<0.01	<0.1	0.2	0.42	0.10	30	<0.1	<0.02
1827228	Rock	0.074	6.9	4.1	7.92	29.2	0.003	3	0.11	0.007	0.04	<0.1	1.5	0.24	<0.02	30	<0.1	<0.02



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860 - 789 West Pender St.
Vancouver BC V6C 1H2 Canada

Project: None Given
Report Date: September 24, 2012

Page: 1 of 1

Part: 1 of 1

QUALITY CONTROL REPORT

WHI12000799.1

	Method Analyte Unit MDL	WGHT	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
Pulp Duplicates																					
REP G1-WHI	QC		0.15	2.02	2.82	46.3	9	4.0	4.5	595	1.97	0.4	1.3	0.4	4.9	58.9	<0.01	0.02	0.05	35	0.66
1391452	Rock	0.45	0.18	17.32	4.75	38.5	31	15.9	15.4	335	2.55	3.6	0.8	<0.2	5.9	252.2	0.06	0.19	0.03	73	3.24
REP 1391452	QC		0.22	16.95	4.48	36.3	25	15.4	14.8	332	2.42	3.4	0.8	<0.2	6.0	248.6	0.06	0.20	0.03	69	3.08
1391454	Rock	0.49	0.18	3.27	19.39	32.3	44	5.7	1.9	195	1.07	22.1	0.8	<0.2	13.2	8.7	0.11	0.33	0.06	<2	0.07
REP 1391454	QC		0.16	3.07	18.57	32.4	35	5.7	1.7	189	1.05	20.1	0.8	0.5	13.1	8.4	0.12	0.32	0.06	<2	0.07
1827228	Rock	1.67	0.18	1.87	8.24	14.7	72	8.8	9.9	4327	5.87	9.8	0.6	1.7	1.4	28.4	0.09	0.41	<0.02	7	14.76
REP 1827228	QC		0.12	1.87	8.04	15.1	72	8.7	9.5	4252	5.89	9.8	0.6	1.1	1.4	28.3	0.12	0.43	<0.02	7	14.57
Core Reject Duplicates																					
1528108	Rock	1.49	0.07	2.20	3.09	7.7	11	1.8	0.8	462	0.54	0.5	<0.1	1.0	1.4	1357	0.02	0.02	<0.02	<2	14.19
DUP 1528108	QC		0.11	1.77	2.84	6.5	4	2.3	0.9	515	0.54	0.7	<0.1	<0.2	1.3	1429	<0.01	<0.02	<0.02	<2	14.64
Reference Materials																					
STD DS9	Standard		12.05	102.2	119.8	306.1	1848	36.0	6.7	532	2.17	25.2	2.7	121.6	6.2	68.6	2.35	6.17	6.96	37	0.66
STD DS9	Standard		13.63	108.6	124.5	314.3	1800	40.8	7.8	593	2.32	25.5	2.8	112.6	6.4	68.6	2.48	6.03	6.24	40	0.71
STD DS9	Standard		14.27	112.5	120.5	312.7	1920	41.9	7.8	598	2.40	26.6	2.7	122.3	6.5	71.2	2.47	5.39	6.27	42	0.78
STD DS9 Expected			12.84	108	126	317	1830	40.3	7.6	575	2.33	25.5	2.69	118	6.38	69.6	2.4	4.94	6.32	40	0.7201
BLK	Blank		<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	0.3	<0.1	<0.2	<0.1	2.0	<0.01	<0.02	<0.02	<2	0.02
BLK	Blank		<0.01	<0.01	0.02	<0.1	5	<0.1	<0.1	3	<0.01	0.2	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01
BLK	Blank		<0.01	<0.01	<0.01	<0.1	2	<0.1	<0.1	<1	<0.01	0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01
Prep Wash																					
G1-WHI	Prep Blank		0.09	2.22	2.44	47.1	13	4.0	4.4	574	1.94	0.4	1.4	1.0	5.7	49.3	0.02	0.03	0.06	36	0.43
G1-WHI	Prep Blank																				
G1-WHI	Prep Blank		0.12	1.99	2.84	45.0	15	3.7	4.4	584	1.97	0.3	1.3	1.3	4.9	59.4	0.01	0.03	0.05	35	0.66



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860 - 789 West Pender St.
Vancouver BC V6C 1H2 Canada

Project: None Given

Report Date: September 24, 2012

Page: 1 of 1

Part: 2 of 1

QUALITY CONTROL REPORT

WHI12000799.1

		Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Ti	S	Hg	Se
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm
		MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1
Pulp Duplicates																		
REP G1-WHI	QC		0.082	9.6	7.9	0.67	233.5	0.112	<1	0.97	0.086	0.48	<0.1	2.6	0.32	<0.02	<5	<0.1
1391452	Rock		0.044	6.6	20.4	1.40	141.6	0.098	1	5.36	0.317	0.04	0.1	3.5	<0.02	0.04	<5	<0.1
REP 1391452	QC		0.041	5.8	20.5	1.32	127.8	0.089	1	5.07	0.301	0.04	0.1	3.2	<0.02	0.04	10	<0.1
1391454	Rock		0.038	16.8	6.3	0.01	58.5	0.001	<1	0.23	0.036	0.12	<0.1	0.7	<0.02	<0.02	<5	<0.1
REP 1391454	QC		0.035	16.5	6.1	0.01	58.0	0.001	<1	0.21	0.032	0.11	<0.1	0.8	<0.02	<0.02	<5	<0.1
1827228	Rock		0.074	6.9	4.1	7.92	29.2	0.003	3	0.11	0.007	0.04	<0.1	1.5	0.24	<0.02	30	<0.1
REP 1827228	QC		0.073	6.8	2.9	7.93	28.3	0.003	5	0.12	0.007	0.04	<0.1	1.7	0.23	<0.02	43	0.2
Core Reject Duplicates																		
1528108	Rock		0.092	13.3	7.5	0.20	59.9	<0.001	<1	0.11	0.003	0.02	<0.1	3.3	<0.02	<0.02	<5	0.3
DUP 1528108	QC		0.089	13.8	8.2	0.20	52.9	<0.001	<1	0.11	0.003	0.01	<0.1	3.4	<0.02	<0.02	<5	0.2
Reference Materials																		
STD DS9	Standard		0.081	11.7	112.7	0.57	293.6	0.103	2	0.86	0.079	0.38	3.1	2.2	5.48	0.15	217	5.0
STD DS9	Standard		0.077	13.4	116.2	0.62	297.5	0.113	3	0.93	0.080	0.39	3.0	2.5	5.28	0.17	218	5.7
STD DS9	Standard		0.082	15.1	120.2	0.64	316.7	0.112	2	1.02	0.094	0.42	3.2	2.8	5.46	0.17	207	5.3
STD DS9 Expected			0.0819	13.3	121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	2.5	5.3	0.1615	200	5.2
BLK	Blank		<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1
BLK	Blank		<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	8	<0.1
BLK	Blank		<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1
Prep Wash																		
G1-WHI	Prep Blank		0.079	9.7	8.1	0.57	228.7	0.108	1	0.90	0.063	0.47	<0.1	2.4	0.32	<0.02	<5	<0.1
G1-WHI	Prep Blank																	
G1-WHI	Prep Blank		0.082	9.5	7.7	0.67	236.4	0.112	1	0.98	0.085	0.48	0.1	2.6	0.32	<0.02	<5	<0.1



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Acme Analytical Laboratories (Vancouver) Ltd.

PHONE (604) 253-3158

Client: **Precipitate Gold Corp**
789 West Pender Street, Suite 860
Vancouver Bc V6C 1H2

Submitted By: Michael Moore
Receiving Lab: Canada-Vancouver
Received: November 28, 2012
Report Date: December 18, 2012
Page: 1 of 2

CERTIFICATE OF ANALYSIS

VAN12005591.1

CLIENT JOB INFORMATION

Project: KAR
Shipment ID: XRD
P.O. Number
Number of Samples: 3

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	3	Crush, split and pulverize 250 g rock to 200 mesh			VAN
1DX2	3	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

SAMPLE DISPOSAL

RTRN-PLP Return

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: Precipitate Gold Corp
789 West Pender Street, Suite 860
Vancouver Bc V6C 1H2

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. Results apply to samples as submitted. *** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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PHONE (604) 253-3158

Client: **Precipitate Gold Corp**
789 West Pender Street, Suite 860
Vancouver Bc V6C 1H2

Project: KAR
Report Date: December 18, 2012

Page: 2 of 2

Part: 1 of 1

CERTIFICATE OF ANALYSIS

VAN12005591.1

	Method Analyte Unit MDL	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
G1	Prep Blank	<0.01	0.1	2.6	3.3	53	<0.1	4.3	4.6	608	2.06	0.6	2.9	5.3	59	<0.1	<0.1	<0.1	38	0.52	0.076
K976880	Rock	0.11	12.8	2.5	20.6	7	<0.1	1.7	0.2	33	2.16	693.9	11.4	2.4	106	<0.1	2.3	<0.1	12	0.02	0.029
K976882	Rock	0.15	2.1	2.4	27.3	5	0.1	0.2	<0.1	3	30.21	1967	4.8	1.2	98	<0.1	0.6	<0.1	454	<0.01	0.042
K976883	Rock	0.28	1.4	9.3	18.2	68	<0.1	18.4	7.3	30	31.62	1451	1.7	1.5	43	<0.1	0.7	<0.1	513	<0.01	0.052



Precipitate Gold Corp
789 West Pender Street
Suite 860
Vancouver BC
V6C 1H2

10 January, 2013

RE: Project KAR / Acme Job VAN12005591A

Three samples were submitted for x-ray diffraction and analysis. The results are summarized herein and the actual x-ray pattern, mineral match and peak information is attached. Following are the results:

SAMPLE K976880 CONTAINS:

1. Quartz Nearly pure
2. Kaolinite..... Trace

SAMPLE K976882 CONTAINS:

1. Quartz Moderate abundance
2. Jarosite Minor to moderate abundance
3. Goethite Minor to moderate abundance

SAMPLE K976883 CONTAINS:

1. Quartz Moderate abundance
2. Jarosite Minor abundance
3. Goethite Minor abundance

Attached is the x-ray trace, mineral match and the peak information.

Regards,

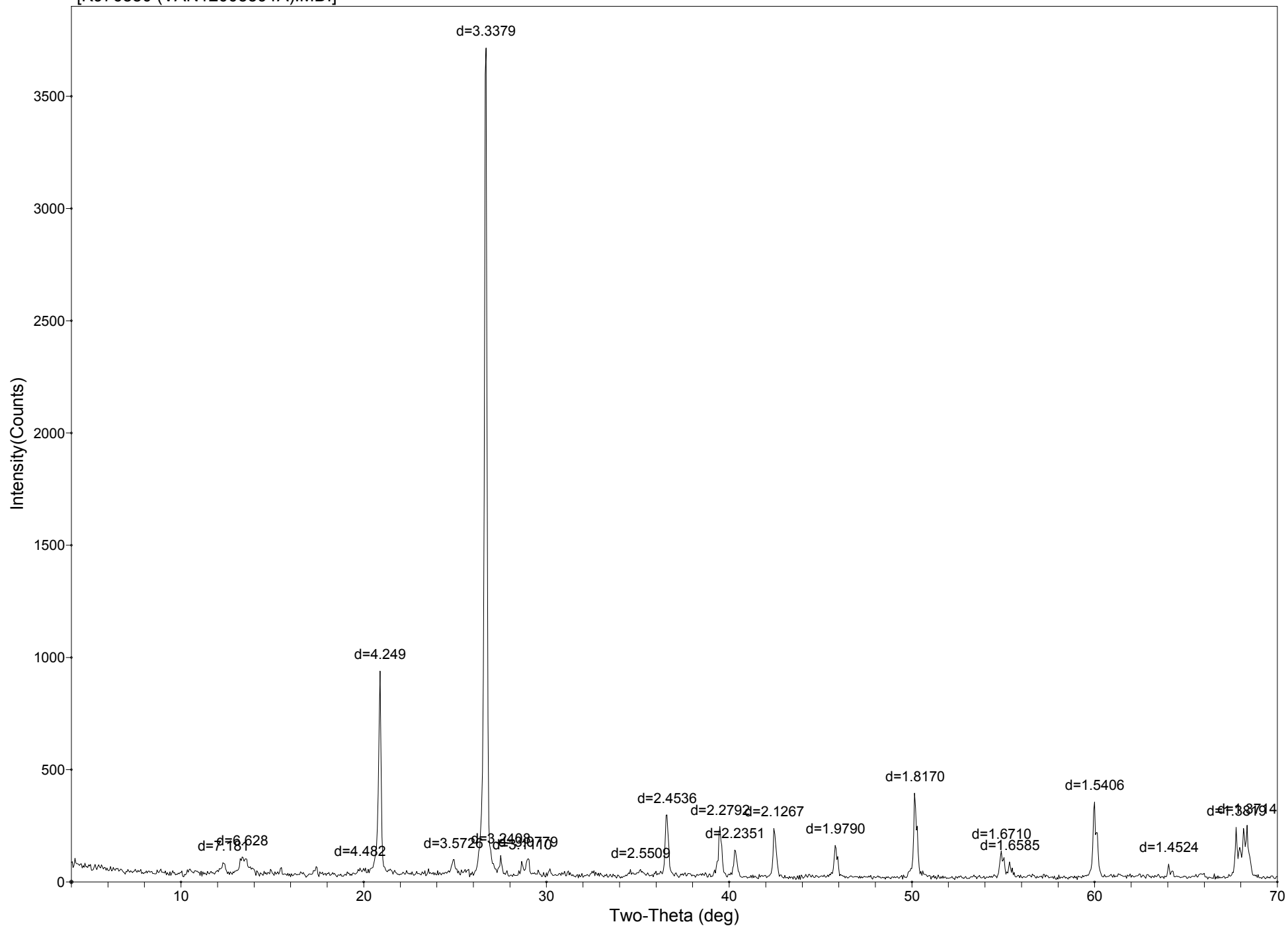


J.A. McLeod, M.A.Sc., P.Eng.

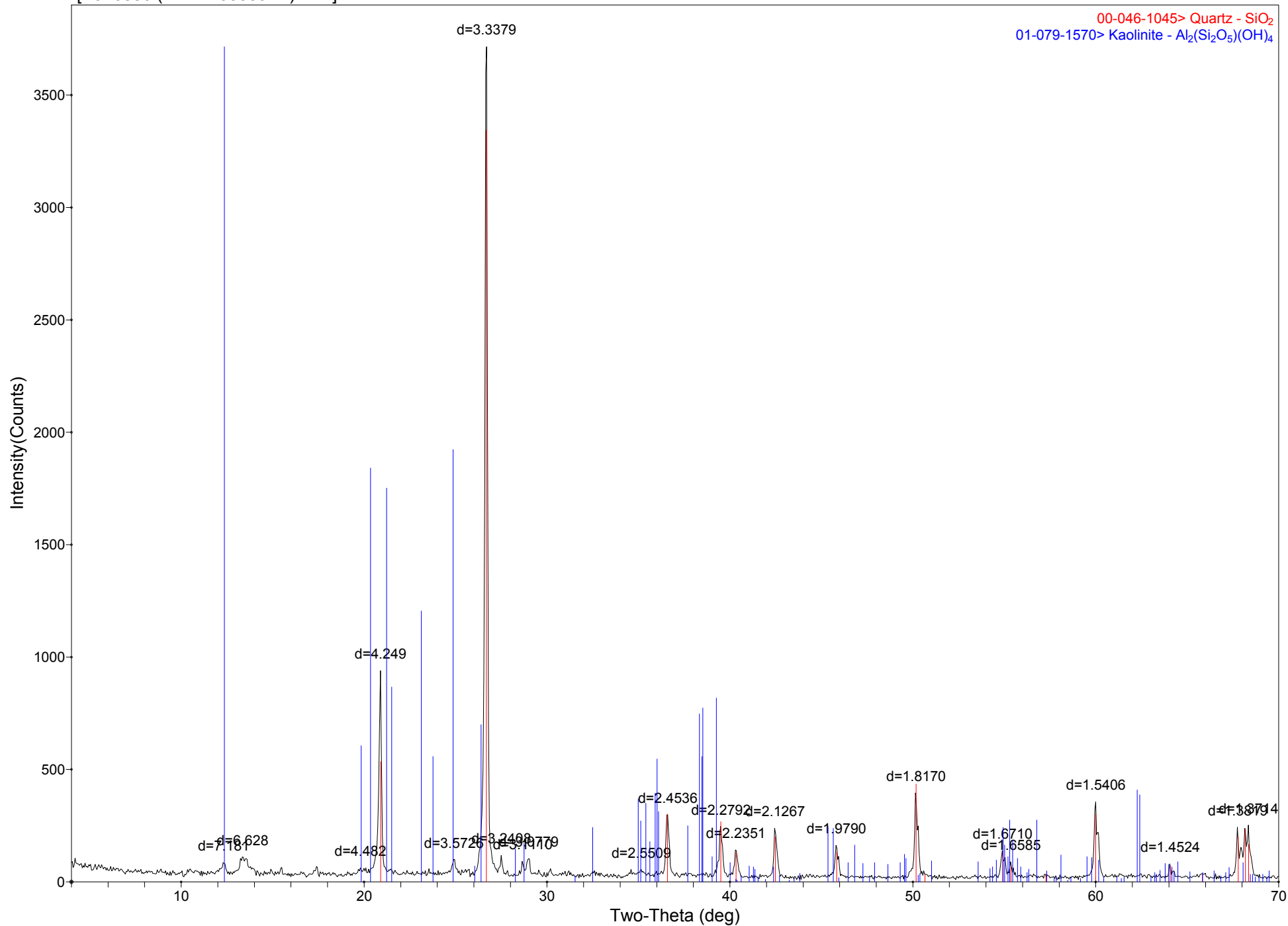
JAM/skw

Att. (x-ray diffractograms)

[K976880 (VAN12005591A).MDI]



[K976880 (VAN12005591A).MDI]



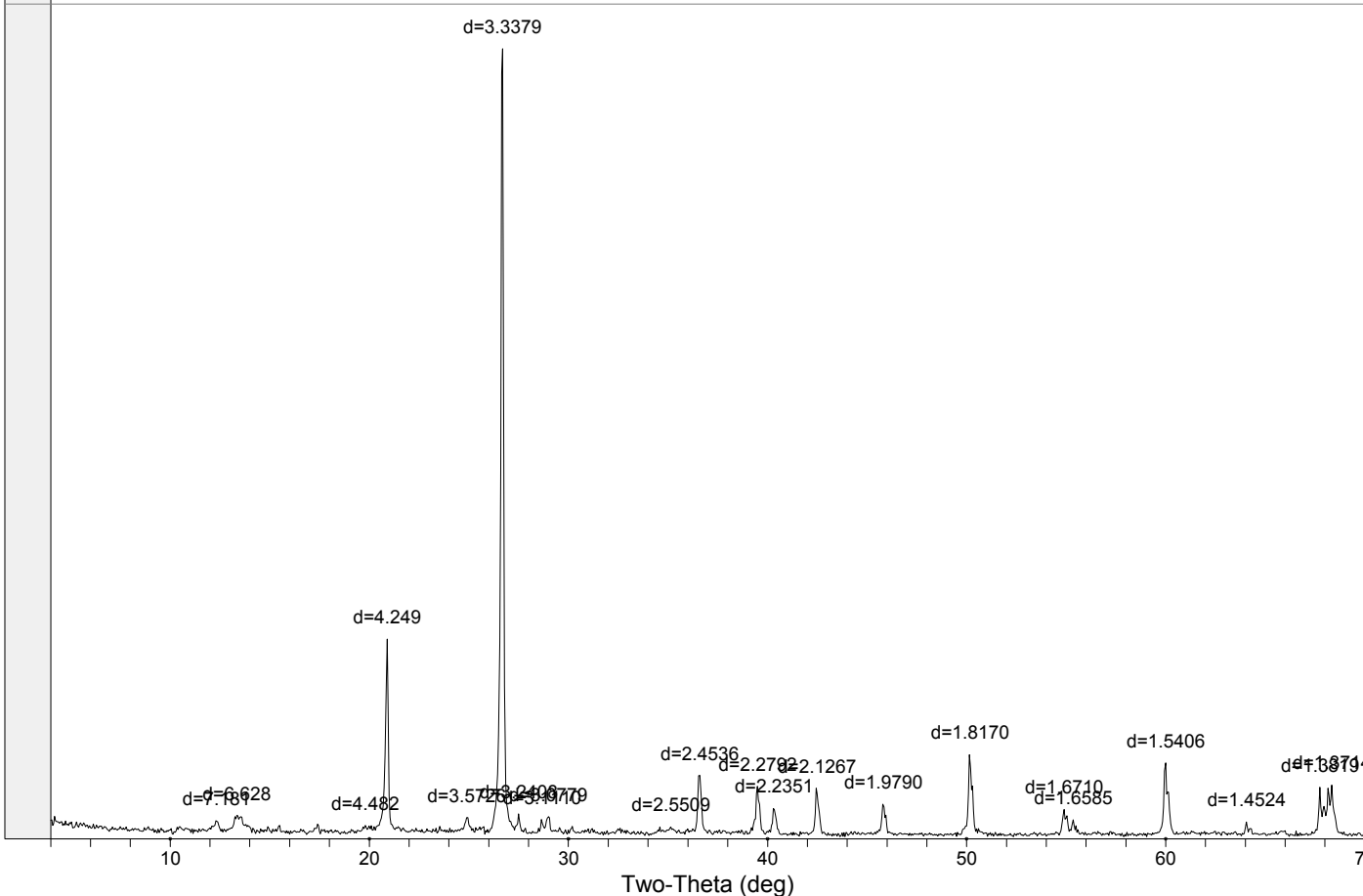
[K976880 (VAN12005591A).MDI]	Peak Search Report
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SCAN: 4.0/70.0/0.05/1(sec), Cu, I(max)=3715, 12/10/12 10:27a

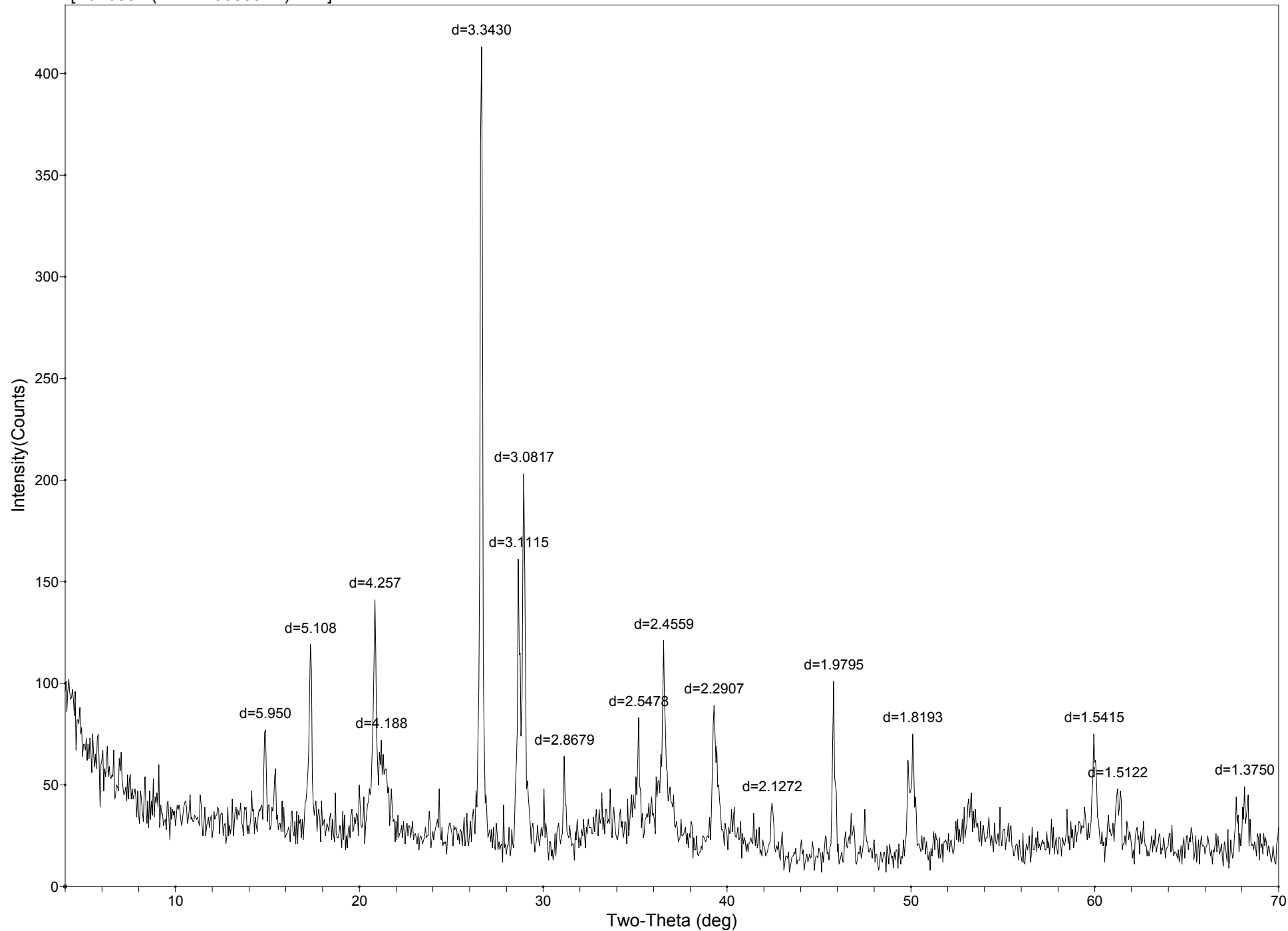
PEAK: 11(pts)/Parabolic Filter, Threshold=3.0, Cutoff=0.1%, BG=3/1.0, Peak-Top=Summit

NOTE: Intensity = Counts, 2T(0)=0.0(deg), Wavelength to Compute d-Spacing = 1.54059Å (Cu/K-alpha1)

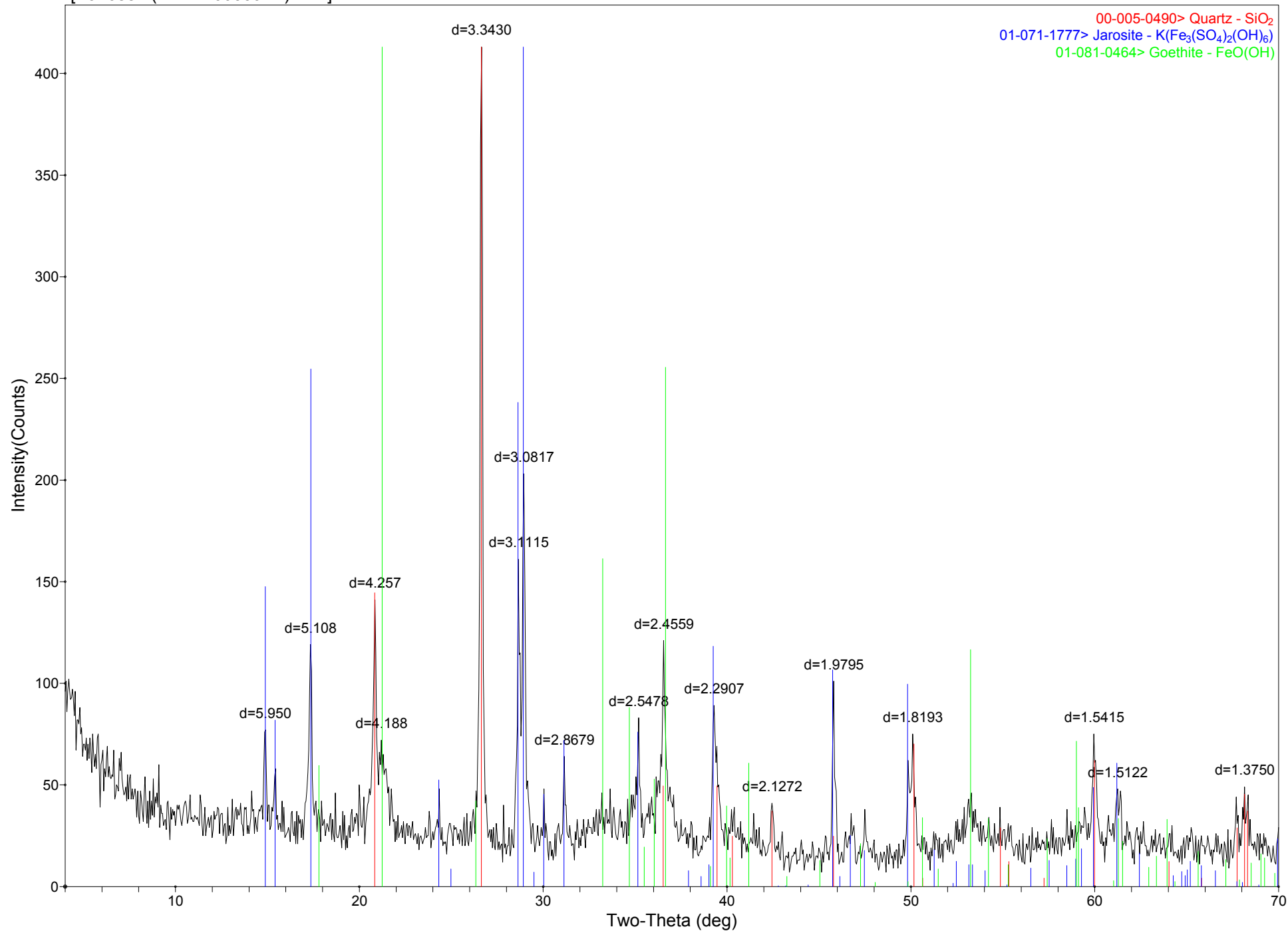
#	2-Theta	d(Å)	BG	Height	H%	Area	A%	FWHM
1	12.315	7.1812	39	46	1.3	281	1.9	0.258
2	13.349	6.6276	39	71	1.9	783	5.4	0.466
3	19.792	4.4820	29	33	0.9	375	2.6	0.479
4	20.890	4.2488	29	910	24.8	3789	26.3	0.177
5	24.903	3.5726	39	60	1.6	342	2.4	0.242
6	26.685	3.3379	41	3674	100.0	14413	100.0	0.167
7	27.500	3.2408	29	88	2.4	332	2.3	0.160
8	28.672	3.1110	31	60	1.6	285	2.0	0.202
9	28.987	3.0779	30	73	2.0	553	3.8	0.324
10	35.152	2.5509	22	33	0.9	457	3.2	0.586
11	36.595	2.4536	31	267	7.3	1198	8.3	0.191
12	39.507	2.2792	31	215	5.9	913	6.3	0.180
13	40.319	2.2351	21	121	3.3	610	4.2	0.213
14	42.472	2.1267	20	218	5.9	1004	7.0	0.196
15	45.815	1.9790	23	139	3.8	664	4.6	0.202
16	50.166	1.8170	23	372	10.1	1771	12.3	0.202
17	54.902	1.6710	22	116	3.2	683	4.7	0.249
18	55.351	1.6585	22	67	1.8	358	2.5	0.227
19	60.001	1.5406	24	332	9.0	1664	11.5	0.213
20	64.059	1.4524	22	57	1.6	218	1.5	0.161
21	67.754	1.3819	25	217	5.9	1125	7.8	0.220
22	68.344	1.3714	21	231	6.3	1467	10.2	0.270



[K976882 (VAN12005591A).MDI]



[K976882 (VAN12005591A).MDI]



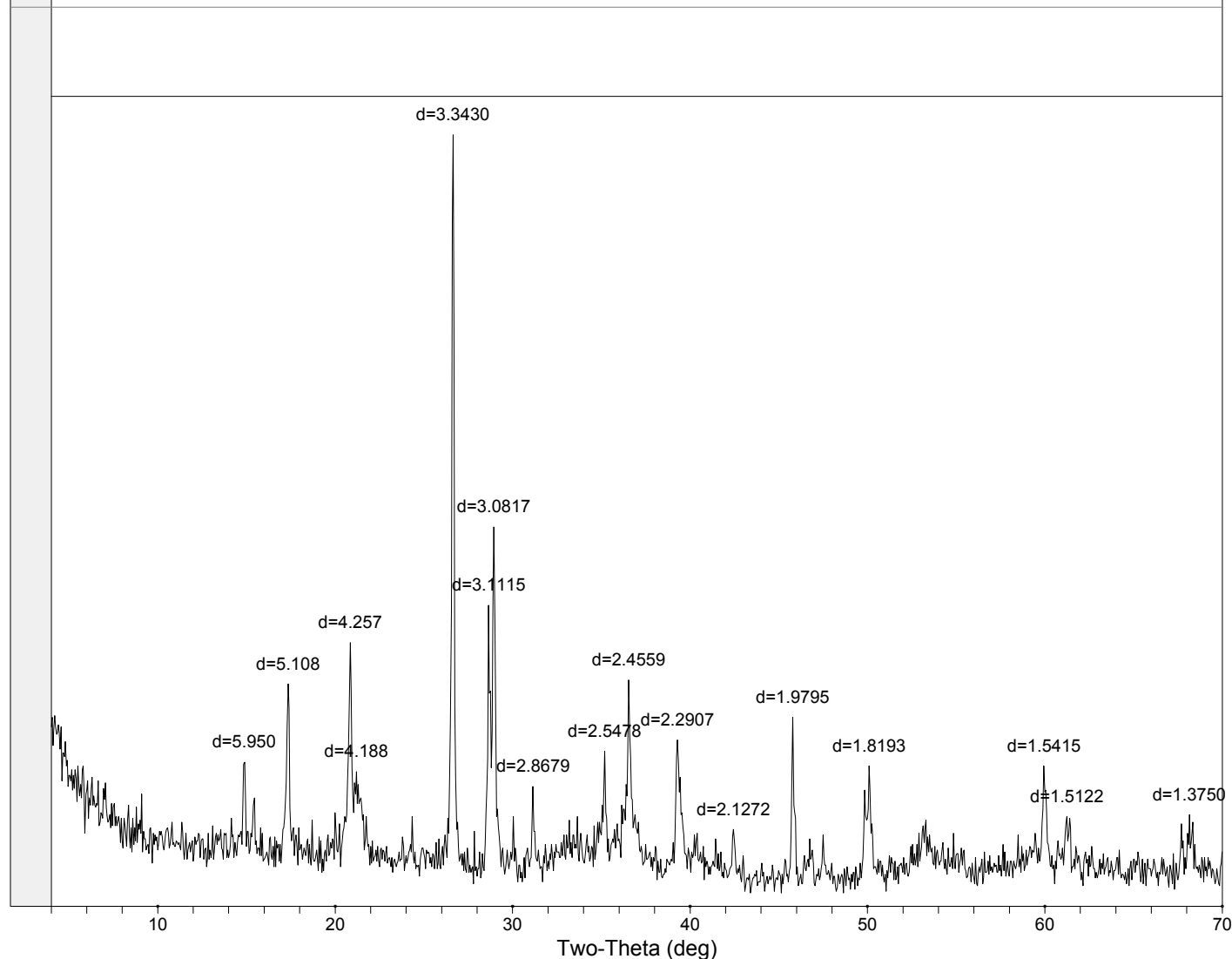
[K976882 (VAN12005591A).MDI]	Peak Search Report
-------------------------------------	---------------------------

SCAN: 4.0/70.0/0.05/1(sec), Cu, I(max)=413.0, 12/10/12 11:10a

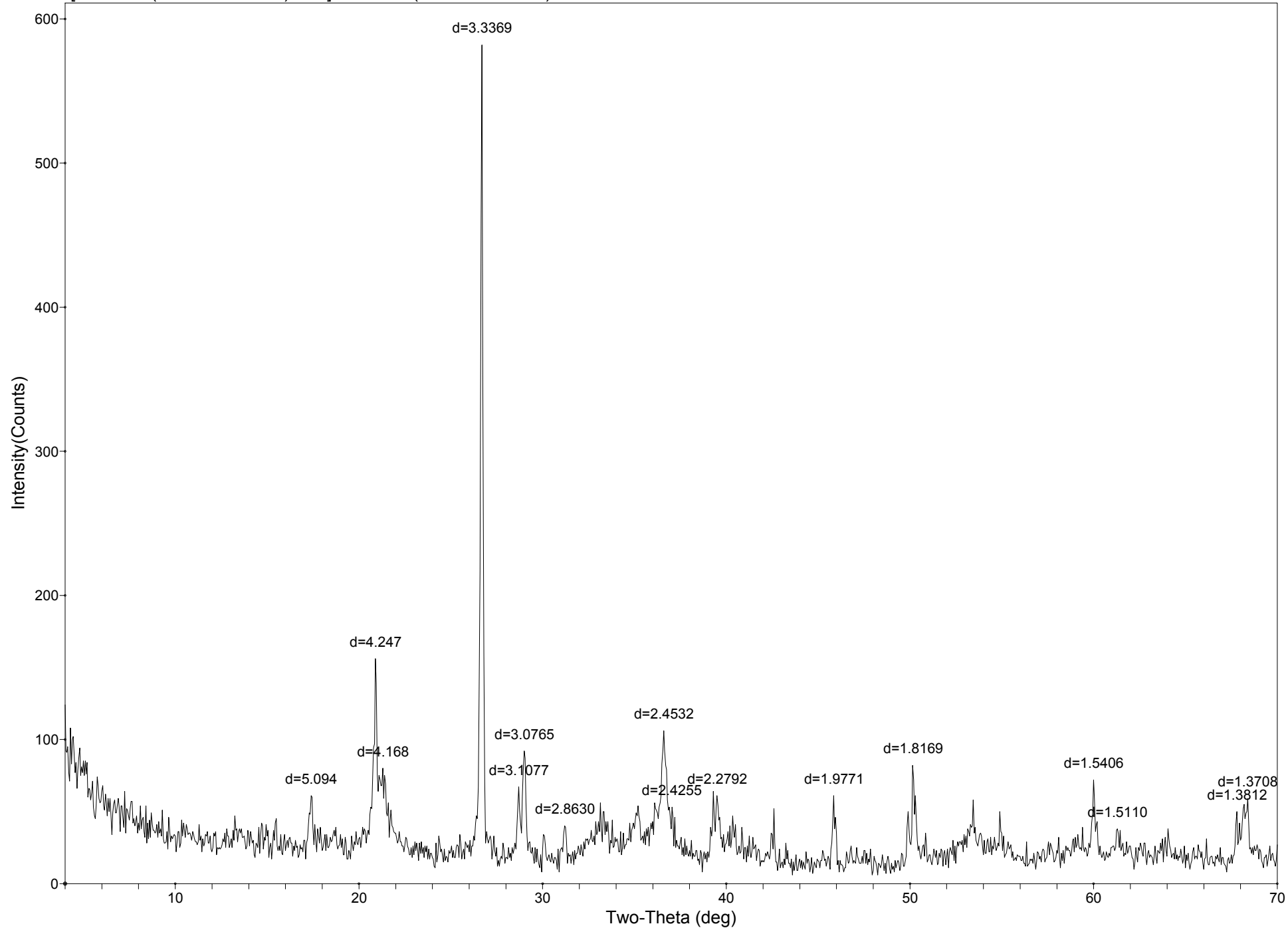
PEAK: 11(pts)/Parabolic Filter, Threshold=3.0, Cutoff=0.1%, BG=3/1.0, Peak-Top=Summit

NOTE: Intensity = Counts, 2T(0)=0.0(deg), Wavelength to Compute d-Spacing = 1.54059Å (Cu/K-alpha1)

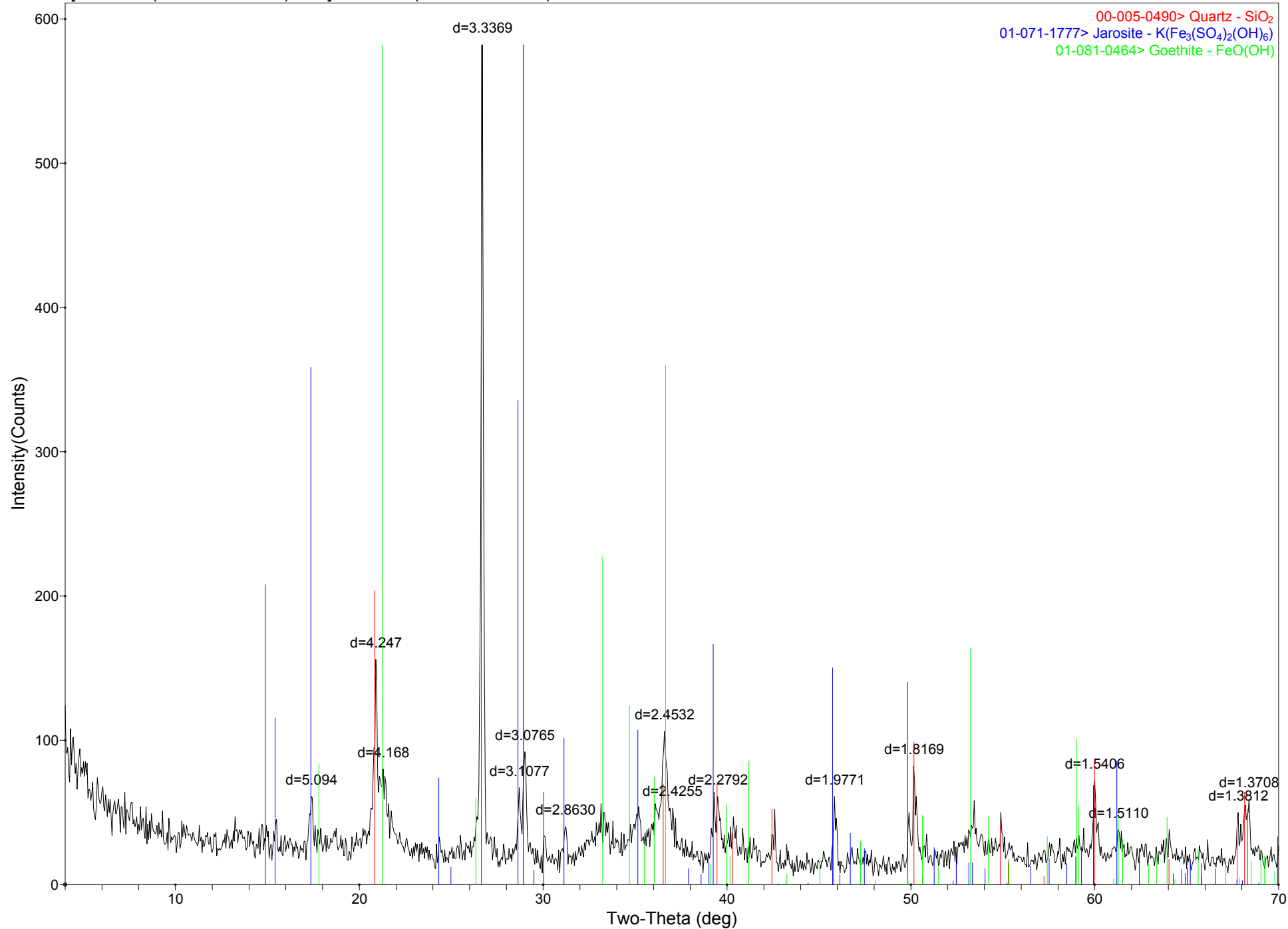
#	2-Theta	d(Å)	BG	Height	H%	Area	A%	FWHM
1	14.877	5.9500	32	45	11.4	223	14.0	0.213
2	17.347	5.1080	31	88	22.5	369	23.2	0.178
3	20.848	4.2573	37	104	26.6	607	38.1	0.248
4	21.198	4.1879	33	39	9.9	452	28.4	0.497
5	26.644	3.3430	22	391	100.0	1592	100.0	0.173
6	28.667	3.1115	23	138	35.3	649	40.8	0.200
7	28.950	3.0817	23	180	46.0	1026	64.5	0.243
8	31.161	2.8679	22	42	10.7	103	6.5	0.104
9	35.196	2.5478	32	51	13.1	196	12.3	0.163
10	36.559	2.4559	29	92	23.5	643	40.4	0.297
11	39.300	2.2907	23	66	17.0	424	26.6	0.272
12	42.461	2.1272	17	24	6.0	99	6.2	0.178
13	45.801	1.9795	19	82	21.1	247	15.5	0.127
14	50.099	1.8193	15	60	15.3	459	28.8	0.326
15	59.962	1.5415	23	52	13.3	315	19.8	0.258
16	61.245	1.5122	21	27	6.8	207	13.0	0.330
17	68.143	1.3750	19	30	7.7	189	11.9	0.267



[K976883 (VAN12005591A).MDI] K976883 (VAN12005591A)



[K976883 (VAN12005591A).MDI] K976883 (VAN12005591A)



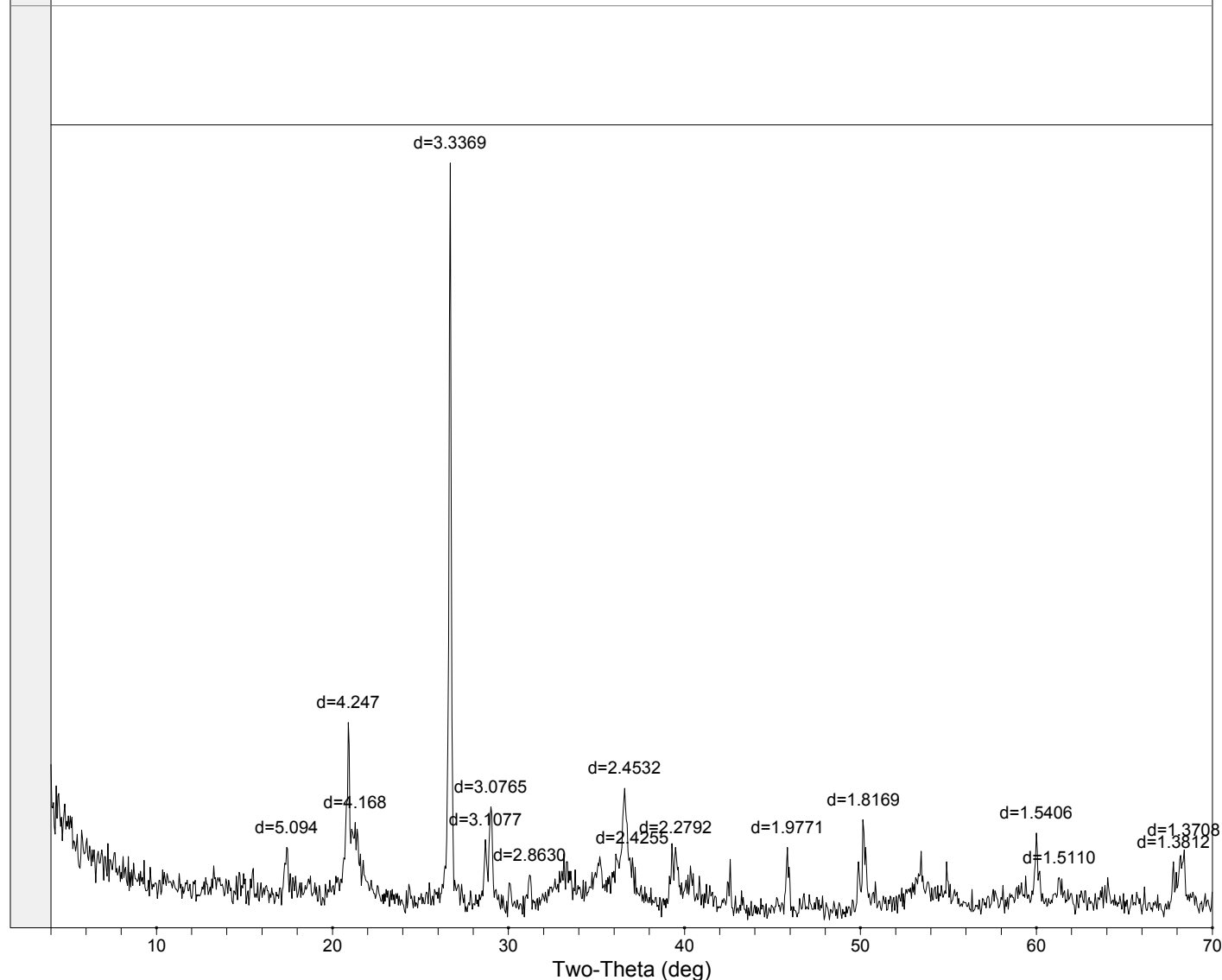
[K976883 (VAN12005591A).MDI] K976883 (VAN12005591A)	Peak Search Report
--	---------------------------

SCAN: 4.0/70.0/0.05/1(sec), Cu, I(max)=582.0, 12/10/12 11:52a

PEAK: 11(pts)/Parabolic Filter, Threshold=3.0, Cutoff=0.1%, BG=3/1.0, Peak-Top=Summit

NOTE: Intensity = Counts, 2T(0)=0.0(deg), Wavelength to Compute d-Spacing = 1.54059Å (Cu/K-alpha1)

#	2-Theta	d(Å)	BG	Height	H%	Area	A%	FWHM
1	17.395	5.0939	30	31	5.5	105	5.0	0.144
2	20.900	4.2469	39	117	20.9	711	33.6	0.257
3	21.301	4.1678	34	46	8.1	438	20.7	0.408
4	26.693	3.3369	20	562	100.0	2115	100.0	0.160
5	28.703	3.1077	19	48	8.6	301	14.2	0.265
6	29.000	3.0765	20	72	12.8	463	21.9	0.272
7	31.216	2.8630	18	22	3.8	74	3.5	0.145
8	36.600	2.4532	31	75	13.3	665	31.5	0.379
9	37.033	2.4255	21	32	5.6	314	14.9	0.423
10	39.506	2.2792	18	43	7.7	386	18.2	0.377
11	45.860	1.9771	13	48	8.6	179	8.5	0.158
12	50.171	1.8169	15	67	11.9	453	21.4	0.289
13	60.000	1.5406	22	50	8.9	210	9.9	0.178
14	61.299	1.5110	19	19	3.5	173	8.2	0.378
15	67.796	1.3812	14	36	6.5	439	20.7	0.512
16	68.379	1.3708	16	43	7.6	505	23.9	0.500





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Project: KAR
Report Date: December 18, 2012

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Part: 2 of 1

CERTIFICATE OF ANALYSIS

VAN12005591.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
G1	Prep Blank	9	8	0.63	239	0.123	1	1.01	0.074	0.49	<0.1	<0.01	2.4	0.3	<0.05	5	<0.5	<0.2
K976880	Rock	6	6	0.02	36	0.001	4	0.39	0.003	0.27	<0.1	0.91	0.4	53.6	0.45	1	0.9	<0.2
K976882	Rock	2	7	<0.01	17	<0.001	1	0.08	0.016	1.54	<0.1	0.11	0.3	404.4	3.12	<1	0.9	<0.2
K976883	Rock	2	11	<0.01	6	<0.001	1	0.07	0.008	0.69	<0.1	0.16	0.8	148.9	1.85	2	0.7	<0.2

QUALITY CONTROL REPORT

VAN12005591.1

	Method Analyte Unit MDL	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
K976883	Rock	0.28	1.4	9.3	18.2	68	<0.1	18.4	7.3	30	31.62	1451	1.7	1.5	43	<0.1	0.7	<0.1	513	<0.01	0.052
REP K976883	QC		1.7	9.8	18.8	68	<0.1	20.3	7.6	31	31.90	1514	2.1	1.6	45	<0.1	1.0	<0.1	508	<0.01	0.056
Reference Materials																					
STD DS9	Standard		13.6	111.4	134.9	327	1.9	42.3	7.7	589	2.42	26.3	119.6	6.9	63	2.5	4.4	5.5	41	0.75	0.086
STD DS9 Expected			12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	0.0819
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	0.1	<0.1	<1	0.03	1.8	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
Prep Wash																					
G1	Prep Blank	<0.01	0.1	2.6	3.3	53	<0.1	4.3	4.6	608	2.06	0.6	2.9	5.3	59	<0.1	<0.1	<0.1	38	0.52	0.076

QUALITY CONTROL REPORT

VAN12005591.1

Method Analyte Unit MDL		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
K976883	Rock	2	11	<0.01	6	<0.001	1	0.07	0.008	0.69	<0.1	0.16	0.8	148.9	1.85	2	0.7	<0.2
REP K976883	QC	2	12	<0.01	6	<0.001	<1	0.06	0.008	0.70	<0.1	0.19	0.8	149.7	1.88	3	1.2	<0.2
Reference Materials																		
STD DS9	Standard	14	122	0.63	306	0.122	2	0.97	0.082	0.40	3.0	0.17	2.6	5.9	0.17	5	6.2	5.6
STD DS9 Expected		13.3	121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	0.2	2.5	5.3	0.1615	4.59	5.2	5.02
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
Prep Wash																		
G1	Prep Blank	9	8	0.63	239	0.123	1	1.01	0.074	0.49	<0.1	<0.01	2.4	0.3	<0.05	5	<0.5	<0.2