AIRBORNE GEOCHEMICAL SAMPLE SURVEY – SEAGULL TIN PROJECT

NTS: 105B 03-04, Watson Lake Mining District, Yukon Territory, Canada

60°9' N 131° 27' W

Author
Mike Power, M.Sc., P.Geo.

CLAIMS:
DO 1-4 [YD106431 – YD106434]
DO 5-20 [YE31802 – YE31817]
ECCLES 1-16 [YE31848 – YE31833]

WORK PERFORMED:
October 5-7, 2012

January 15, 2013

Prepared for:
Panarc Resources Ltd.

Prepared by:

AURORA GEOSCIENCES

TECHNICAL REPORT
AIRBORNE GEOCHEMICAL SAMPLE SURVEY – SEAGULL TIN PROJECT

Effective Date: January 15, 2013

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1 EXECUTIVE SUMMARY

The Seagull Tin Project is centred at 60°9' N 131° 27' W 20 km north of Swift River. The Property is accessible by helicopter and consists of 108 Quartz Claims recorded in the Watson Lake Mining District. The claim blocks cover tin and tin-tungsten mineralization documented in the Yukon Minfile. It was staked in 2011, is owned by Panarc Resources Ltd., and is subject to an option to purchase by North Arrow Minerals Inc.. Prior to this, the property had been staked and explored by Du Pont Exploration in the 1980's. This report describes the results of a work program consisting of airborne stream sediment geochemical sampling conducted in areas adjacent to the claim blocks. The program was conducted to locate tin mineralization in areas covered by overburden.

The airborne geochemical sampling program was conducted with a new bucket system suspended beneath a helicopter. The system is flown to a sample point, suspended on a long line and the pilot manoeuvers the system to collect the sample. The sample is flown to a central collection point for processing by a ground crew. The survey conducted at Seagull Tin investigated 161 km of stream and collected 54 samples of which 4 were insufficient. The samples were sieved on-site and analyzed with ICP-MS for both whole rock and acid soluble elements.

The survey detected a strong coincident tin tungsten anomaly in the informally named Tin Creek which drains northwest into Dorsey Lake. This anomaly merits additional investigation.

2 INTRODUCTION

This report describes a helicopter-borne stream sediment survey program conducted at the Seagull Tin Project in the southern Yukon Territory. Aurora Geosciences Ltd. was retained by Panarc Resources Ltd. to conduct this program to locate new bedrock tin targets in areas adjacent to the current claims.

All geographic locations in this report are relative to North American Datum 1983. Non-geodetic coordinates are expressed in Universal Transverse Mercator Zone 9N metric coordinates. All measurements are expressed in the metric system unless they are measurements quoted from historic reports expressed in other units of measure. All geophysical data units are in the metric SI system. Angles are expressed relative to true north unless otherwise stated.

3 LOCATION & ACCESS

The Seagull Tin Project is centred at 60°9’ N 131° 27’ W on NTS Map Sheets 105 B3 and B4 in the Watson Lake Mining District. The property location is shown in Figure 1. The Property is 210 km southeast of Whitehorse and 150 km west-northwest of Watson Lake, the closest major communities. The property is accessible by helicopter with the nearest staging point being Swift River (Km 1136 on the Alaska Highway), 20 km south of the property centre and 283 km south of Whitehorse by road. There are old overgrown bulldozer trails to the property from the Alaska Highway near Swift River. The Property is also accessible by float plane to Dorsey Lake from either Whitehorse or Watson Lake.

4 PROPERTY DESCRIPTION

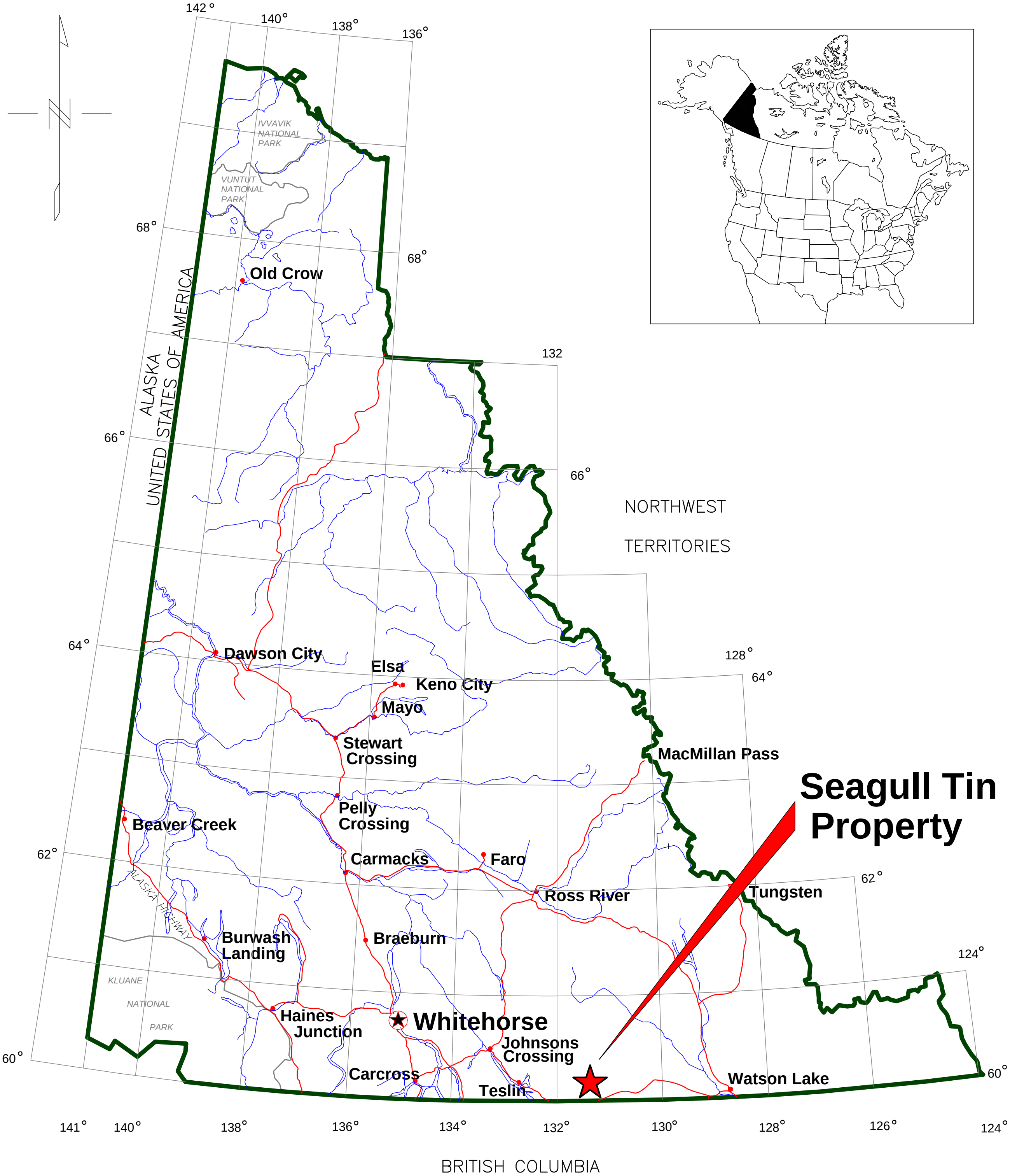
The Seagull Tin Project consists of 108 un-surveyed Quartz Claims recorded in the Watson Lake Mining District. Claim information[1] for those claims on which the work was performed is summarized below:

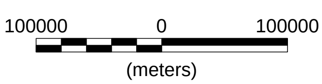
Table 1. Claim data

Claim Name	Tag Number	Anniversary Date
DO 1-4	YD106431 – YD106434	March 17, 2017
DO 5-20	YE31802 – YE31817	January 19, 2013
ECCLES 1-16	YE31818 – YE31833	January 19, 2013

The claims comprising the Property may be retained in good standing by performing assessment work in the amount of $100 per claim and paying assessment filing fees of $10 per claim (Yukon). The Seagull Tin Property is under option to purchase by North Arrow Minerals Ltd.

[1] Claim information as provided by the Watson Lake Mining Recorder (www.yukonminingrecorder.ca) on January 10, 2013. Anniversary dates do not reflect the value of work described in this report.





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SEAGULL TIN PROPERTY

Figure 1. Property Location Map

NTS: 105 B 03 & 04	Mining District: Whitehorse
Datum: NAD83	Projection: UTM Zone 8N
Job: PRL-11556-YT	Date: 17 Oct 11

AURORA GEOSCIENCES LTD.

5 CLIMATE & TOPOGRAPHY

The Seagull Tin Property is located in the Cassiar Mountains of the Yukon Plateau. Topography in the area consists of rugged peaks with steep north-facing cirques and scoured U-shaped valleys. Elevations in the project area range from 910 to 2070 m (3000 to 6800 feet). Above 5500 feet, the terrain is rugged with steep ridges and impassable rocky slopes. The glacial scour line at between 5000 to 5500 feet is readily visible in some cirque headwalls. At lower elevations, mountains and hills are rounded with convex, steep sided slopes. Boulder talus aprons occur at the base of most of the rocky faces and these are succeeded by grassy slopes with immature brown soils. Below treeline at roughly 4000 feet, more mature soils and dense vegetation predominates.

The project area is drained by south-flowing creeks and rivers, the largest of which is the Smart River. This drains through Dorsey Lake in the north center of the property area. Dorsey Lake is approximately 3 km long and is the largest water body in the project area. Vegetation in the property area ranges from mosses, grass and sedges at elevations above 5000 feet through a zone of willow and sparse spruce and fir down to treeline. Below treeline, alpine fir and black spruce predominate.

The climate in the property area consists of long, cold winters, short wet summers and short spring and fall seasons. At Watson Lake, the closest nearby community, average daily temperatures range from -24^0 C (January) to +15^0 C (July) and average annual precipitation consists of 40.4 cm of rain and snow with the majority falling in June and July (Environment Canada, 2011).

6 EXPLORATION HISTORY

Stream sediment geochemistry in the area of the Seagull Batholith is highly anomalous in tin and the area contains numerous tin, lead-zinc and tungsten showings. The Seagull Tin Property covers eleven Yukon Minfile showings, staked and explored for tin and tin-tungsten mineralization between 1978 and 1982. Information for the individual showings is summarized in the table below:

Table 2. Showings

Minfile Name Number [Current claim block]	Summary
Stoddart 105B 035 [Beans 1-36]	Staked by Rip Van Mining Ltd. in 1969 and restaked by the Klinkit Joint Venture (DuPont of Canada Exploration Ltd. and Duval Corporation) in 1978. Tin, lead-zinc-silver skarn mineralization reported with a chip sample running 3.9% Zn, 17.1 g/t Ag over 6.7 m with no tin values cited. Two holes were drilled in 1984 for which results are not reported.
Hollister 105B 112 [Tuna 1-4]	Staked by the Klinkit Joint Venture in 1978, the block was explored with geochemical surveys and mapping in 1978-1980 and 1982. Scheelite skarn is reported at the contact between the Seagull Batholith and the overlying limestone.

Slouce 105B 080 [Music 1-4]	Staked by the Klinkit Joint Venture in 1978, the property was explored by mapping, trenching and sampling from 1978 to 1980. Portions were restaked by McPrez Mining Exploration Ltd. and optioned to Player Petroleum Ltd. in 1981 who explored their claims with mapping, geochemical sampling and trenching. Five skarn zones over a length of 400 m returned up to 1.2% Sn from tourmaline-magnetite-amphibole-chalcopyrite skarn up to 0.5 m wide in limestone near the contact with the Seagull Batholith.
Skin 105B 079 [Laughter 1-4]	The Skin Showing consists of two separate showings staked by the Klinkit Joint Venture in 1978 and explored by mapping and hand trenching in 1979 - 1980. In both cases, mineralization is hosted by quartz-muscovite-arsenopyrite veins within the Seagull Batholith. The western showing returned two samples averaging 0.3% Sn and a sample from the eastern showing returned 0.435% Sn.
Current 105B 073 [Con 1-4]	Staked by the JC Syndicate (Dome Exploration and Cominco Ltd.) In 1977 and explored in 1977-79 with mapping, sampling, geochemical and magnetometer surveys and two drill holes. Malayaite, sphalerite, pyrrhotite, rare galena and fluorite occur in skarned metavolcanics, clastics and limestone near the contact with the Seagull Batholith. Report chip samples returned 6.5% Zn and 0.03% WO3 over 1.2 m but the drill holes failed to intersect significant mineralization.
Sin 105B 083 [Do 1-16]	Staked by Welcome North Mines Ltd. in 1978 and optioned to the Klinkit Joint Venture, the Sin Showing covers a suspected tin porphyry. Weak greisen zones returned samples from 0.1% Sn to 0.2% Sn from quartz-tourmaline-muscovite-fluorite veins and magnetite-garnet skarn. A large soil anomaly, over 1 km long was outlined by contour surveying below the showings with values ranging from 200 ppm Sn to 0.26% Sn.
Pont 105B 082 [Corn 1-4]	The Pont Showing was staked by the Klinkit Joint Venture in 1978 and explored by mapping and sampling in 1978-79 and 1982. Minor cassiterite in skarn and disseminated within the underlying Seagull Batholith is reported in the Minfile but no assays are included in the assessment report (090470).

Dorsey 105B 111 [Fired 1-4]	The Dorsey Showing was staked as part of the larger DU block in 1978 and explored by mapping and geochemical sampling in 1978 and 1979. The Minfile occurrence covers a tin soil geochemical anomaly with no known bedrock source. Sn in soils from 200 to 575 ppm occurs south of the ridge on which the nominal Minfile location is plotted. On the north side of the ridge, a single soil sample surrounded by a large area of no samples returned 300 ppm Sn.
JC 105B 040 [Peas 1-4]	The JC Showing was staked by Esannee Exploration Ltd. in 1967 who explored by bull dozer trenching. Cypress Exploration Ltd. staked the showing twice, and drilled two short holes. Restaked by the JC Syndicate in 1977, it was subsequently explored by mapping, geochem, both ground and airborne mag surveys, and two rounds of drilling. The showing covered by the Peas block is peripheral to the main JC showings and is underlain by skarned limestone and underlying Seagull Batholith granite. Best reported assays were 1.26% Sn over 2.6 m in a 1978 trench but many assays were not reported.
Du 105B 084 [Milk 1-4]	The Du Showing is centred on Eccles Ridge north of Dorsey Lake and was staked by the Klinkit Joint Venture in 1978 and explored by mapping, geochemical sampling and trenching during 1978-1980 and by drilling one hole in 1981. The showing consists primarily of a greisen vein system exposed over a distance of about 60 m from which selected samples to 2% Sn were recovered. The single hole beneath the showing returned 0.14% Sn over 1.0 m.
Duval 105B 081 [Goods 1-4] [Eccles 1-16]	The Duval Showing was staked as part of the larger Du claim block by the Klinkit Joint Venture in 1978 and explored from 1978 to 1981 by geochemical sampling, mapping and one drill hole. Drilling reportedly encountered extensive greisen but only low tin values over narrow widths. The drill results were never filed for assessment.

Tin deposits occur in four major classes. The claim blocks comprising the Seagull Tin Property includes showings which have been classified in each of these deposit models.

• *Vein-hosted lode deposits*. With type examples at Cornwall (UK), Potosi (Bolivia), Erzgebirge (Czechoslovakia), and Herberton (Australia), this style of mineralization consists of quartz-albite-microcline-cassiterite(-wolframite) veins and pegmatites within localized greisen envelopes in the cupola of granitic intrusions. Grades are in excess of 1% and tonnages are small (<10 MT). The Du Showing (Milk Claims) appears to be a classic greisen vein system.

- *Carbonate hosted deposits*. Type examples include the Renison Bell and Cleveland Deposits in Australia. These are replacement to exoskarn deposits, often structurally controlled, in permissible carbonates proximal to a fertile granitic intrusion. Grades range from 0.7% to 1.0% Sn and tonnages range from 2 to 10 Mt. True skarn deposits are generally smaller and include the JC Deposit, peripheral to the Peas claim groups.

- *Greisen hosted deposits.* Deposits in this class are hosted in extensive greisen alteration envelopes, often adjacent to richer lode deposits. Examples include Mt. Tin near Herberton in Australia. Taylor (1979) estimates these deposits contain from 10 - 80 Mt at about 0.3% Sn. The vein swarms on the Laughter Claims (Skin Showing) appear to fit this deposit type.

- *Porphyry tin deposits.* First recognized by Sillitoe (1975), this style of mineralization includes large (40 - 500 Mt), low grade (0.2 - 0.4% Sn) deposits in hydrothermal breccias within and adjacent to fertile granitic intrusions. Type examples include Llallagua and Chorolque in Bolivia (Sillitoe, ibid) and Yinyan in China (Xianghzao et. al. 1996). The Sin Showing (Do Claims) has been classified as a potential tin porphyry.

7 REGIONAL GEOLOGY

The regional geology in the property area is summarized by Gordey & Makepeace (1999) from regional mapping by Poole et. al. (1960) and more detailed mapping by Abbot (1981). The geology of the property area is shown in Figure 3.

7.1 Tectonic setting

The property lies in the Quesnellia Terrane of the Canadian Cordillera, an allochthonous package of pelagic sediments, carbonates and volcanics, formed in the Early Triassic. The Quesnellia Terrain was subsequently amalgamated with the Stikine, Cache Creek and Slide Mountain Terranes to form the Intermontane Superterrane in the Early Jurassic and completed docking with North America in the Early Cretaceous (Gabrielse and Yorath, 1991).

7.2 Stratigraphy

The following formations are mapped in the property area:

Table 3. Regional stratigraphy in the project area

Formation (Age)	Description
Overburden (Quaternary - Holocene)	Talus, organic and elluvial soil, boulder till.
mKqC Seagull Batholith [Cretaceous]	Granite, quartz monzonite, granodiorite, locally porphyritic. (117 - 85 Ma)
EjgA [Early Jurassic]	Granodiorite, diorite, monzonite (192 - 185 Ma)

CK3 [Carboniferous]	Shale, argillite, slate and siltstone (353 - 300 Ma)
CK2 [Carboniferous]	Limestone, dolostone, chert (353 - 300 Ma)
CK1 [Carboniferous]	Mafic volcanic flows, breccias and tuffs (353 - 300 Ma)

7.3 Structure

The structural and intrusive history of the project area is summarized by Abbot (1981) and Gabrielse and Yorath (1991) who describes the following deformational and associated igneous events:

Table 4. Deformational history in the project area

Age	Description
Late Cretaceous	Northeast and east-trending normal faulting.
Mid-Late Cretaceous	Intrusion of the Seagull Batholith
Middle Jurassic	Collision of Intermontane Superterrane: transpressional collision (thrust faulting with subsidiary strike slip and normal faulting)
Early Jurassic	Basic to intermediate intrusions; Amalgamation of the Intermontane Superterrane

Templeman-Kluit (1991) summarizes the structural style in the Cassiar Mountains and describes the imbrication of the Dorsey and Slide Mountain Allochthons (Sub-terranes of Quesnellia) over the autochthonous North American basement rocks via northeast directed thrust faulting. In the immediate property area, the stratigraphy appears to be folded into a broad NW-trending synclinal arch or graben with Devono-Mississippian metavolcanic and metasedimentary rocks flanking a central core of similar Carboniferous rocks.

The Seagull Batholith intrudes the centre of the aforementioned arch forming an elongate, elliptical mass roughly 40 km (NW-SE) by 10 km (NE-SW). Tin-tungsten mineralization in the district appears to be both spatially and genetically related to this intrusion. The Seagull Batholith is a polyphase pluton ranging from aphyric coarse biotite granite through granodiorite to porphyritic quartz-Kspar biotite granite. The intrusion appears to be tilted with apical porphyritic phases more prevalent in the northwest and deeper coarser grained, equigranular intrusive rocks dominant in the southeast. Contacts are generally steeply-dipping on the SW and NE flanks of the intrusion but are flat to gently dipping beneath roof pendants north of Dorsey Lake. Here the valley floors are underlain by Seagull Batholith granite while the surrounding mountains are capped by hornfelsed Carboniferous rocks. Porphyritic phases included rounded quartz and angular potassium feldspar together with local mariolitic ocelli (“bubble texture”) in the vicinity of at least one tin showing (Do Claims) (Smith,1980).

8 WORK PROGRAM

This section describes the work program conducted on the Seagull Tin Project in 2012. Appendix II contains a project log and Appendix III contains a summary of expenditures.

8.1 Airborne Stream Sediment Geochemical Survey

A helicopter-borne stream sediment geochemical survey was conducted in the project area from October 5 – 7, 2012. The purpose of this work was to locate bedrock tin targets in areas adjacent to the existing tin showings.

8.1.1 Personnel & equipment

The work program was conducted by the following personnel:

Crew chief:	Phil Jackson, P.Geoph.
Technician:	Mac Clohan

The crew was equipped with the following instruments and equipment:

Equipment:	2 – Airborne sampling buckets
	1 – Pump
	1 – Generator
	1 – Sampling tools & supplies
	1 – Field office
	2 – Radios
Vehicle:	1 – 1Ton truck

8.1.2 Specifications

The airborne geochemical sampling method employed in this survey was developed by Aurora Geosciences Ltd. (US & Canadian Patents Pending). The sampling device is shown in Figure 4 below and consists of a 2 cubic foot, semi-cylindrical steel container, hinged along the cylindrical axis above the centre of gravity and with two cutting edges on the two sides parallel to the cylindrical axis. The sampler is attached to an extension arm and weight which is in turn attached to a helicopter long line.

The helicopter pilot navigates to a pre-determined sample point with non-differential GPS and lowers the sampler into the stream bed. Samples may be taken from either the active stream (below water) or from dry alluvial sediment adjacent to the stream channel. The base of the bucket is placed at the sampling point and the extension arm and weight will tip to one side or other of the cylindrical axis, pivoting along the hinge axis as the pilot directs. Once the eye of the extension touches the ground, the pilot will lift the eye off the ground a few inches and drag the extension arm away from the bucket for a very short distance. This causes the bucket to topple over and set the teeth on the cutting edge in the sediment. The pilot next lifts the extension arm off the ground and may pivot the arm to one side or another to work the teeth into the sediment. Finally, the pilot slowly lifts the bucket off the ground. As he does this, the bucket is dragged beneath the extension arm, collecting a sample. At some point during this lift, the bucket will break free of the sediment and pivot, causing the open end to rotate to face upwards and the sediment to fall into the belly of the bucket. The pilot marks the location of the sample point with a waypoint in his GPS and flies the sample to a central staging point where the ground crew replaces the bucket with a clean bucket. They sieve the sample, bag it, clean the sampler and record the sample information while at the same time, the pilot flies off to collect another sample.

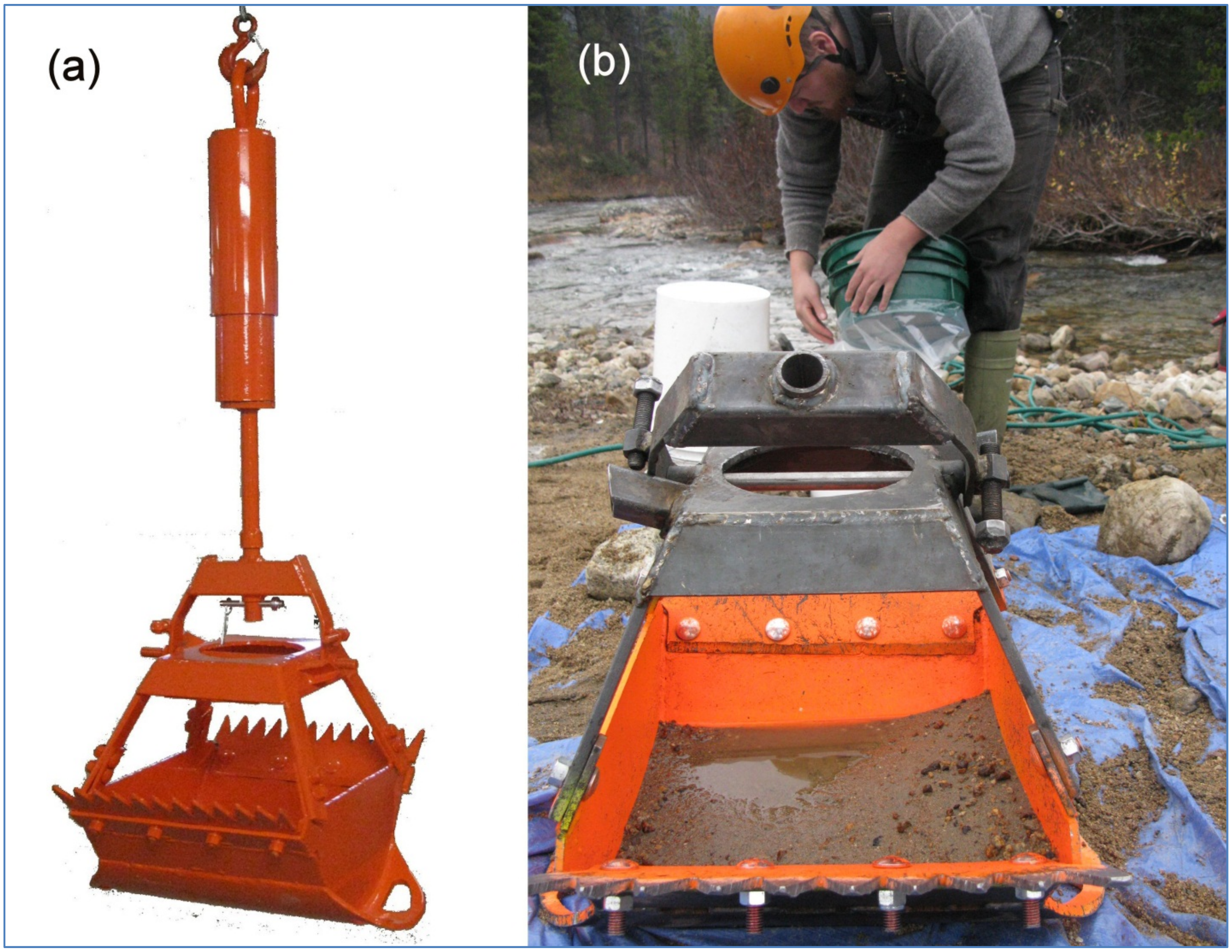

Figure 4. Aerochem bucket system. (a) with extension arm attached (b) sediment sample in bucket with extension arm removed.

This airborne sampling method is considerably faster and less expensive than conventional surveys using ground crews and allows samples to be taken through the tree canopy or in steep areas where a ground crew might not be able to obtain ready access.

The airborne stream sediment geochemical survey was conducted according to the following specifications:

Mapping Datum:	NAD83 UTM Zone 9N
Location recording:	Non-differential GPS position records
Sample collection:	Prescribed sample sites were inspected and if the area was unsuitable for sampling, a nearby location was selected. The pilot flew the full length of each drainage, locating the best possible sample locations at or near the prescribed sample points.
Sample handling:	Sample buckets were cleaned with running water from a hose and pump prior to each sample run.
Sample sites investigated:	79
Sampled sites:	54
Insufficient samples:	4
Samples collected & submitted:	50

8.1.3 Data products

Field data is contained in the following appendices to this report:

Appendix IV	Sample summary sheets
Appendix V	Assay certificates

Data is plotted in the following maps and sections included in this report:

Figure 5.	Sample locations
Figure 6.	Sample results – Tin
Figure 7.	Soil sample results – Tungsten

In addition to a copy of the report, digital data on the data stick in this report includes:

Sample data	\Sample data sheets

9 SAMPLE COLLECTION, SECURITY, PREPARATION & ANALYSIS

This section describes principles and procedures used in the collection, security, preparation and chemical analysis of stream sediment samples collected during the work program. All samples collected during the program were sealed in rice bags for transportation to the analytical laboratory with security tags. Samples were retained in the custody of Aurora personnel throughout transportation to the laboratory or were conveyed by a commercial carrier with a conveyance and security form attached.

9.1 Stream Sediment Samples

Stream sediment samples were taken from the centre of active stream channels where water was flowing or from the centre of the stream channel as best determined by the pilot / sampler. Sample volumes varied dramatically from over 10 litres to under 2 litres depending upon the sample site and substrate. The proportion of oversize material was larger in samples collected at higher elevations because of the relative immaturity of the sediments. Unfortunately, the volume of sample recovered was also often smaller from these locations.

After collection, each sample was flown to a central staging area for processing. The raw sample was screened to -50 mesh in a pair of stacked sieves and washed into a plastic sample bag. Water was decanted, sample tags inserted in the sample bag and the sample bag was zip-tied after collection. The ground crew and the pilot checked the sample / waypoint number for each sample as it was collected to trap errors. After the sample had been removed from the sample bucket, the bucket and teeth were washed down with a hose before being sent back out for another sample.

At the laboratory, stream sediment samples were prepared and analyzed as follows:

1. Samples were dried at 60^0 C
2. A 100 g subsample passing -80 mesh was sieved from the sample.
3. Split a 10g sample.
4. Li-metaborate fusion and nitric acid digestion followed by ICP-MS on a 0.5 g subsample to determine refractory element concentrations
5. Aqua Regia digestion of a 0.5 g subsample followed by ICP-MS to determine precious and base metal concentrations.

10 RESULTS

This section describes the results of the stream sediment geochemical survey. At the time of writing, analyses for precious and base metals had not been completed because of a laboratory error. This data is included in the final assay certificates in Appendix V.

10.1 Statistics

Summary statistics for Sn, W and the rare earth elements are tabulated below:

Table 5. Summary statistics – Stream sediment sample analyses

Statistic	*Sn*	*W*	*LREE*	*HREE*	*TREE*
No. of observations	50	50	50	50	50
Minimum	2.000	2.100	26.360	8.660	35.020
Maximum	984.000	225.800	3952.990	1166.220	5119.210
1st Quartile	31.250	5.625	334.090	101.603	466.268
Median	81.000	9.200	434.730	156.815	589.145
3rd Quartile	178.500	23.000	624.145	226.818	904.455
Mean	165.160	26.548	582.420	214.547	796.967
Standard deviation (n-1)	236.087	42.492	624.826	229.594	828.045

The data set contains highly anomalous Sn and anomalous W and REE analyses, relative to the regional data set.

10.2 Anomalies of interest

The tin and tungsten data has been plotted in dot plot format in Figures 6 and 7. The bin intervals were selected on the basis of the summary statistics and from lowest to highest are set at the 1st quartile, mean, and the first through 3rd standard deviations above the mean. The principal anomaly of interest is the coincident tin - tungsten anomaly centred at approximately 364,000E 6,666,250N on the informally named Tin Creek draining northwest into Dorsey Lake. The source would appear to be at lower levels in the creek since the tributaries show no significant response.

11 INTERPRETATION AND CONCLUSIONS

The results of geological and geochemical surveys conducted on the Seagull Tin Project to date indicate that the area is highly prospective to host economic tin mineralization. The targets on the DO and ECCLES claims are currently the most promising targets with proximal bedrock mineralization. The airborne stream sediment survey defined a strong tin-tungsten anomaly off of the existing claim blocks in an area with no known bedrock mineralization.

The results of the work to date support the following conclusions:

1. Stream sediment geochemical responses in the area of the DO and ECCLES claims do not reflect the bedrock mineralization exposed in outcrop in these drainage basins. This lack of response may be due to glacial effects at higher elevations.

2. A strong focused tin-tungsten stream sediment geochemical anomaly is centred near 364,000E 6,666,250N on *Tin Creek*. This anomaly should be staked and investigated to locate a bedrock source.

12 RECOMMENDATIONS

The conclusions of this report support the following recommendations:

1. The anomaly on Tin Creek should be staked with sufficient claims to cover the likely upstream source area and explored with detailed stream and soil geochemical surveys, coincident with or followed by prospecting and mapping.

Respectfully submitted,
PANARC RESOURCES LTD.

M.A. Power, M.Sc., P.Geo.
Geologist

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APPENDIX I. STATEMENT OF QUALIFICATIONS

I, Michael Allan Power, M.Sc. P.Geo., P.Geoph., CPG, with business and residence addresses in Whitehorse, Yukon Territory do hereby certify that:

1. I am a graduate of the University of Alberta with a B.Sc. (Honours) degree in Geology obtained in 1986 and a M.Sc. in Geophysics obtained in 1988.

2. I am a Professional Geoscientist registered with the Association of Professional Engineers and Geoscientists of British Columbia (registration number 21131) and a Professional Geophysicist registered by the Northwest Territories Association of Professional Engineers, Geologists and Geophysicists (licensee L942). I am also registered as a Professional Geologist with the American Association of Professional Geologists (registration number 11183).

3. I have been employed in mineral exploration as a geophysicist and geologist since 1988, primarily on projects in the Yukon Territory, Northwest Territories, Nunavut, Alaska and British Columbia.

4. I supervised the work described in this report and wrote this report.

5. I am a shareholder, director and officer of Panarc Resources Ltd., the owner of the Seagull Tin Project described in this report.

Dated this 15th day of January, 2013 in Whitehorse, Yukon.

Respectfully Submitted,

Michael A. Power M.Sc. P. Geo.

APPENDIX II. PROJECT LOG

AURORA GEOSCIENCES

JOB PRL-12570-YT SEAGULL TIN SAMPLING

PROJECT LOG

Mon 17 June 2012	Crew (PJ, MC) performed final checks, loaded the truck, picked up fuel and drove to Swift River, meeting the helicopter there in the mid-afternoon. The crew flew gear and fuel into the work area before dark and stayed at the Rancheria Motel. Weather: Partly cloudy.
Tues 18 Jun 2012	Crew began work by 0830. Helicopter sampling until late afternoon. Weather: Partly cloudy.
Wed 19 Jun 2012	Crew completed work in the early afternoon. The helicopter demobilized to Whitehorse and the crew returned by road. Weather: Partly cloudy.

Crew:

Name	*Address*
Phil Jackson	c/o 34A Laberge Road, Whitehorse YT Y1A 5Y9
Mac Clohan	c/o 3506 McDonald Drive Yellowknife, NT X1A 2H1

APPENDIX III. STATEMENT OF EXPENDITURES

Preparation, mobe, demobe		
Base maps, digital extraction	$400.00	
Crew & equipment preparation	$500.00	
Total - Preparation, mobe, demobe	$900.00	$900.00
Airborne geochemical survey		
Crew: 3 days @ $950	$2,850.00	
Helicopter charter	$12,649.72	
Accommodation & meals	$719.82	
Gas	$307.34	
Sample & field supplies - from stock	$42.75	
Total - Airborne survey	$16,569.63	$16,569.63
Analyses and report		
Analyses	$3,007.20	
Report	$2,500.00	
Total - Analyses & report	$5,507.20	$5,507.20
Total project expenditures		$22,976.83

I certify that this statement of expenditures is complete and true to the best of my knowledge.

Michael A. Power, M.Sc., P.Gxxx.

APPENDIX IV. SAMPLE SUMMARY SHEETS

Sample_ID	UTME_NAD83_Zn9N	UTMN_NAD83_Zn9N	Type	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI
				%	%	%	%	%	%	%	%	%	%	%	PPM	PPM	%
				0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1
K952701	359224.3	6670856.5	Sediment	68.09	11.38	6.92	2.18	2.37	2.5	3.88	0.35	0.08	0.1	0.033	60	7	1.9
K952702	359942.2	6669788.5	Sediment	71.12	11.02	2.99	2.34	2.76	2.38	3.76	0.39	0.06	0.07	0.053	64	7	2.7
K952703	358836.2	6671136.4	Sediment	74.16	10.99	2.08	2	2.03	2.53	3.99	0.25	0.005	0.05	0.033	48	6	1.7
K952704	359847.2	6670295.2	Sediment	59.37	13.5	3.31	1.61	1.74	2.39	2.88	0.41	0.14	0.06	0.026	62	9	14.3
K952705	358484.5	6671644.7	Sediment	70.68	11.4	2.94	2.15	2.23	2.42	3.56	0.51	0.05	0.06	0.082	54	8	3.5
K952706	358883.2	6670952.0	Sediment	69.9	11.45	3.48	1	1.21	1.98	3.48	0.49	0.14	0.11	0.008	37	7	6.5
K952707	357920.1	6667971.1	Sediment	71.41	11.47	4.39	1.71	1.14	1.55	4.23	0.64	0.15	0.16	0.008	42	8	2.9
K952708	360197.6	6665962.3	Sediment	68.77	12.58	3.19	0.77	1.47	2.13	3.57	0.37	0.06	0.09	0.004	30	7	6.7
K952709	360086.5	6666633.2	Sediment	53.08	10.68	3.56	1.86	2.34	0.73	2.17	0.43	0.19	0.08	0.014	47	9	24.6
K952710	360008.8	6666224.3	Sediment	65.83	12.62	5.15	2.58	2.2	1	3.15	0.62	0.08	0.1	0.012	43	11	6.4
K952711	362160.0	6667628.6	Sediment	72.11	10.49	2.17	2.77	2.67	2.35	3.88	0.33	0.06	0.05	0.108	58	7	2.7
K952712	365421.0	6664506.2	Sediment	68.88	9.51	3.89	5.72	3.27	2.09	3.31	0.4	0.07	0.08	0.215	124	11	2
K952713	363537.6	6666648.1	Sediment	68.22	9.91	4.17	4.15	3.22	2.23	3.38	1.1	0.16	0.11	0.398	96	12	1.6
K952714	362154.3	6668022.8	Sediment	64.28	13.08	4.72	3.03	4.13	2.73	2.91	0.8	0.13	0.1	0.042	67	14	3.5
K952715	365199.8	6669660.5	Sediment	64.59	15.32	2.55	0.99	1.28	4.09	3.27	0.28	0.11	0.07	0.011	29	4	7
K952717	365405.7	6670050.1	Sediment	47.02	14.52	12.88	6.77	2.75	0.31	3.46	0.67	0.72	0.24	0.117	392	24	10.1
K952718	365092.3	6670396.4	Sediment	47.18	15.9	10.54	8.12	4.37	1.56	1.41	2.29	0.32	0.35	0.049	145	29	7.4
K952719	366258.2	6669571.7	Sediment	58.12	15.57	6.75	3.08	2.69	3.64	2.53	0.37	0.16	0.13	0.043	140	9	6.5
K952721	361010.7	6671985.0	Sediment	58.32	16.77	4.86	1.16	1.22	2.89	3.66	0.44	0.14	0.09	0.009	40	10	9.9
K952722	362740.6	6672839.6	Sediment	68.71	10.9	2.56	4.66	3.41	2.43	3.85	0.38	0.02	0.05	0.005	10	5	2.6
K952723	363695.1	6666352.6	Sediment	66.72	10.88	3.16	4.43	4.87	2.01	3.66	0.45	0.08	0.09	0.014	29	6	3.3
K952724	363601.7	6663936.6	Sediment	66.02	10.43	3.28	4.03	4.75	1.89	3.08	0.3	0.07	0.09	0.019	32	6	5.7
K952725	367816.7	6662276.7	Sediment	60.65	14.06	2.76	0.92	1.04	2.62	3.68	0.24	0.1	0.04	0.02	49	7	13.7
K952726	363782.7	6666546.3	Sediment	65.8	11.98	3.66	3.3	2.67	2.45	3.42	0.42	0.09	0.08	0.048	72	10	5.8
K952727	366641.8	6666425.3	Sediment	64.7	11.25	4.96	4.59	3.55	2.22	3.19	0.42	0.14	0.09	0.059	93	15	4.4
K952728	364379.4	6665859.2	Sediment	68.19	10.09	3.88	4.41	3.22	2.2	3.15	0.93	0.27	0.09	0.376	103	13	1.5
K952729	365023.3	6665136.3	Sediment	68.22	10.67	3.37	4.02	2.57	2.3	3.4	0.45	0.1	0.07	0.171	104	9	4.1
K952730	366129.4	6663730.9	Sediment	73.6	10.63	2.14	2.82	1.83	2.36	3.71	0.23	0.01	0.05	0.049	61	6	2.3
K952731	366905.6	6664543.9	Sediment	53.5	6.7	7.59	15.42	7.16	1.24	1.68	0.28	0.05	0.12	0.354	380	23	5.4
K952732	366480.1	6662967.8	Sediment	73.7	11.11	1.62	1.65	1.48	2.37	4.01	0.19	0.03	0.04	0.021	29	5	3.6
K952733	355872.5	6676757.9	Sediment	52.18	11.73	3.02	0.46	0.91	1.49	2.82	0.19	0.29	0.08	0.009	10	4	26.6
K952734	354860.6	6679239.2	Sediment	53.52	15.16	6.37	2.16	1.56	1.87	2.22	0.84	0.4	0.07	0.017	35	15	15.4
K952735	354738.8	6677964.5	Sediment	53.63	16.4	8.21	2.47	1.39	1.75	2.37	0.69	0.23	0.19	0.018	63	18	12.3
K952736	351375.3	6680503.7	Sediment	65.84	11.91	4.77	1.45	2.3	2.34	2.35	0.66	0.14	0.19	0.013	23	10	7.7
K952737	351743.2	6680096.4	Sediment	65.5	11.71	5.6	1.43	2.51	2.29	2.37	0.96	0.16	0.2	0.029	10	11	6.6
K952738	353671.6	6679730.6	Sediment	66.51	11.63	4.37	1.06	1.63	2.25	2.94	0.52	0.12	0.28	0.009	22	8	8.4
K952739	354762.7	6677528.5	Sediment	69.69	11.96	5.7	1.52	1.03	1.62	2.83	0.56	0.16	0.19	0.016	45	12	4.3
K952740	355190.0	6677878.8	Sediment	64.93	13.67	3.51	1.04	0.99	2.51	3.38	0.46	0.15	0.05	0.011	10	9	8.9
K952741	355335.1	6678548.1	Sediment	61.91	14.07	6.92	0.86	1	2.2	3.14	0.52	0.15	0.29	0.008	29	10	8.5
K952742	355633.9	6678363.8	Sediment	59.97	15.34	6.01	2.68	2.25	3.26	3.11	0.74	0.22	0.13	0.019	53	15	5.9
K952743	353611.6	6678505.8	Sediment	69.03	14.73	3.98	0.2	0.38	2.96	4.99	0.22	0.04	0.07	<0.002	10	5	3.2
K952744	356035.0	6671115.2	Sediment	69.42	11.64	4.15	1.98	2.43	1.91	2.92	0.84	0.08	0.11	0.022	38	11	4.2
K952745	356617.6	6674932.9	Sediment	59.94	15.39	5.13	1.3	1.6	2.15	2.63	0.61	0.31	0.08	0.013	10	11	10.5
K952746	353223.0	6678733.4	Sediment	65.3	13.06	3.13	0.56	0.93	2.32	3.72	0.33	0.1	0.1	0.005	20	6	10.2
K952747	355866.8	6675352.0	Sediment	63.09	15.03	3.88	0.88	1.21	3.04	3.69	0.48	0.14	0.04	0.009	10	9	8.1
K952748	354588.7	6672365.1	Sediment	74.32	11.56	1.81	0.54	1.21	2.53	3.58	0.56	0.11	0.04	0.008	33	6	3.4
K952749	355051.4	6675399.8	Sediment	65.79	13.39	2.55	0.62	1.08	2.31	3.46	0.43	0.16	0.08	0.01	10	7	9.9
K952750	354235.5	6671804.3	Sediment	71.08	11.45	3.55	1.09	1.92	2.71	3.35	1.21	0.14	0.1	0.019	21	9	2.8
K952751	356497.3	6677040.1	Sediment	71.2	14.08	2.39	0.3	0.5	2.63	5.32	0.24	0.05	0.09	0.006	10	5	3
K952752	360139.5	6677123.5	Sediment	69.04	11.8	3.14	0.85	1.36	1.87	3.58	0.48	0.12	0.11	0.006	21	7	7.3

Sample_ID	Sum	Ba	Be	Co	Cs	Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce
	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
	0.01	1	1	0.2	0.1	0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1
K952701	99.79	274	9	10.2	6.5	20.1	11.2	42.3	250.2	49	91.3	3	31.4	11.5	92	23.4	302	40.8	68.3	134.6
K952702	99.68	228	13	8.8	6.5	20.2	18.4	89.6	235.8	352	74.7	15	55.7	20	88	54.2	483.9	46.6	115.2	225.7
K952703	99.8	217	10	7.4	5.9	19.7	14.9	131.1	249.4	6	65.4	29	46.1	12	70	10.7	398.5	31.7	60.3	112.2
K952704	99.72	337	13	8.3	9	18.7	11.5	42.5	239.4	12	99.5	4.1	57.3	102	43	5.1	290.5	290.6	105.7	160.7
K952705	99.59	266	3	9.6	6.1	19.6	21.4	117.3	225.5	673	81.4	14.7	70	30	71	68	613.4	123	154.5	293.1
K952706	99.76	312	4	7.8	6.5	17.4	8.5	124.4	236.5	29	75.8	9.1	43.1	35.3	50	8.6	317.4	95.3	105.4	191.1
K952707	99.77	311	7	12	7.5	18.3	6.9	41.3	287.2	86	62.4	3.4	37.1	17.2	61	7.2	202.8	51.6	82.2	159.1
K952708	99.7	201	13	7.1	10.1	21.5	23.3	93.5	235.4	64	88.2	9.7	86.2	32.4	58	6.3	623.1	121.4	171.2	302.5
K952709	99.71	416	7	10.7	10.5	13.9	4.6	11.3	96	2	94.8	1.2	14.4	141.6	58	2.1	143	453.5	101.6	59.4
K952710	99.77	566	7	14.8	9.1	19.4	5.8	17.6	122.2	5	106	1.4	14.8	4.4	99	2.2	204.7	29.4	40.3	87.1
K952711	99.68	183	3	8.3	5.6	19.4	28.6	82	255.6	109	42.9	11.6	74.3	29.8	46	14	706.9	55.6	152.3	309.1
K952712	99.47	178	5	19.2	5.7	18.7	36.4	224.4	231.5	315	43.1	21.2	161.4	47.1	56	62.4	947.3	176.4	221.1	433.4
K952713	98.68	185	4	16.2	5.2	20.7	110.2	724.8	240.7	856	45.2	53.3	394.8	120	63	167.8	3057.7	678	670.9	1274.1
K952714	99.47	353	6	16.4	9.5	22.2	37.9	117.6	215.8	523	223.3	11.9	87	30.5	77	72.2	972.1	84.9	233.5	428.4
K952715	99.6	1578	2	6.4	8.2	22	4.3	12.5	109.5	56	922.9	0.8	2.1	1.2	31	4.6	135	5	6.3	13.6
K952717	99.57	780	7	57.6	46.1	25.2	1.8	11.4	290.3	141	509	0.8	2.5	1.5	229	21.8	65.6	12.8	14.1	27.9
K952718	99.49	262	9	52.4	13.8	20	4	32.9	78.2	53	245.4	2.1	3	1	201	16.1	175.2	23.7	21.2	50
K952719	99.58	1307	3	28.2	10	26	5.1	11.6	73.9	19	1206.7	0.3	3.2	3	64	3.5	157.6	7.7	12.6	29.4
K952721	99.48	187	29	10.9	19.7	30.9	19.5	108.1	396.8	16	76.7	9.8	170.9	121.6	36	6.2	452.3	305.6	188.8	334.3
K952722	99.62	179	11	5.4	6.6	22.4	35.1	79.9	306	182	55.3	10.9	106.6	22.9	35	72.5	876.4	58.9	142.8	280.7
K952723	99.64	279	17	7.2	7.8	20.1	14	70.7	245.3	71	75.9	5.3	65.3	19.8	39	17.9	383.4	104.1	207.6	389.6
K952724	99.65	293	11	6.4	6.4	17.7	18.6	66.8	189.8	39	70.2	4.6	92	49.4	32	17.8	538.3	143	174.1	331.9
K952725	99.81	249	21	5.8	9.6	19.2	10.3	51.7	320.2	11	81.5	6.4	67.3	33	21	20	275.1	132.6	84	176.4
K952726	99.69	210	10	13.6	8.9	17.1	16.2	68.8	282.2	78	72.9	8.6	100.2	29.8	44	32.6	442.9	94.9	81.8	145.2
K952727	99.62	223	8	17.8	11.2	18.4	23.4	57.3	255.3	68	79.7	8.5	47.1	30.2	65	19.1	597.4	102	106.4	185.9
K952728	98.3	191	8	17.7	5.4	19.6	167.6	665.5	215.6	948	58.3	69.5	563.9	150.9	50	225.8	4476.2	685.5	951.5	1918
K952729	99.43	223	13	14.8	6.4	19.3	52.7	142.7	233.5	150	57.5	14.7	204.7	61.1	35	116	1287.3	149.2	285.6	556.6
K952730	99.76	208	10	8.1	5.6	14.7	20	49	265.4	10	47.4	3.3	55.8	19.5	17	9.2	511.1	82.8	88	165.4
K952731	99.51	123	8	50.1	8.3	14.5	12.2	25.1	159.2	330	43.7	3.1	37.8	24.7	65	4.5	305	77.1	62.1	115.8
K952732	99.84	219	2	5.4	6.6	15.3	7.2	75.4	286.9	84	44.7	13	23.4	11.6	13	15.1	193.4	59.6	58.8	101.7
K952733	99.78	189	22	4.9	7.2	17.8	8.8	25.3	202.7	9	50.8	3.4	39.6	123.3	11	5.9	231	146.9	68.3	115.8
K952734	99.64	559	18	13.4	15.2	23.6	6.9	48	148.3	13	148	3.6	86.8	108.5	93	6.6	206.7	242.3	123.1	213.5
K952735	99.6	604	8	25.3	27	27.6	5.7	51.7	178.9	41	115.1	3.5	58.3	48.1	104	13.9	189.9	199.7	111.6	206
K952736	99.69	541	9	10.8	5.6	13.5	11.3	28.5	132.6	96	153.4	2.1	39.5	20.3	79	4.2	332.3	64.9	91.2	164.6
K952737	99.38	471	11	9.4	5.1	14	35.4	54.5	139.1	984	135.8	4.4	132.9	31.9	95	38.7	1089.5	100.2	259.9	476.5
K952738	99.72	436	7	9.9	4.5	12.6	13.7	62.9	166.1	107	118.6	5.5	38	30.2	63	4.5	472.4	76.6	116.6	206
K952739	99.62	1032	23	16.9	16.6	20.4	10.9	49.2	204.5	31	76	4.3	43.7	22.3	77	9.2	298.6	124.2	123.2	258.4
K952740	99.59	425	4	5.6	11.1	19.4	20.3	55.1	239.1	227	88.5	5	52.3	33.8	51	7.5	584	95.3	132.1	214.9
K952741	99.53	471	11	6.4	21.4	24.8	11.9	62.3	228.4	89	160	5.5	92.7	44.5	50	5.3	349.9	138.9	112.6	296.2
K952742	99.65	393	13	15.7	13.8	21.3	11.6	56.9	237.2	230	175.9	5.1	69.1	26.1	89	5.8	302.9	103.5	100.3	236.2
K952743	99.76	120	15	3	13.2	27.3	10	56.1	438.3	122	37.2	5.6	78.3	38.6	10	5.7	257.3	97.9	86.7	247.9
K952744	99.72	409	6	11.8	5.5	16.7	16.1	46.9	162.3	32	142.3	3.6	71.8	14.6	75	4.4	490.2	36.3	92.7	172.6
K952745	99.71	540	10	8.1	13.3	24.6	10.5	46.6	217.2	51	165.5	4.2	84.1	66	70	5.6	293.4	126.5	84.9	171.6
K952746	99.71	302	11	4.9	7.2	18.9	17.2	38.9	277.4	206	81	3.8	61.3	46.6	35	4.5	450.9	70.6	126.6	225.5
K952747	99.61	271	15	4.3	13.7	26.5	30.3	91.5	297.1	168	82.1	9.4	101.2	74.3	41	8.4	777.4	134	158	295.5
K952748	99.63	398	5	2.2	4.9	16.1	34.1	55	220.1	37	110.6	4.3	39.9	15.3	31	4.8	1032.9	55.1	111.9	195.6
K952749	99.75	396	12	4.4	7.4	18	9.9	37.4	237.2	15	102.9	3.5	46.5	40	41	8	289.3	77.8	71.2	132.6
K952750	99.46	450	4	6.7	5	15.9	61.6	152	194.3	132	134.6	8.8	121.3	29.2	56	28.1	1754.2	115.2	278.7	504.8
K952751	99.76	314	12	2.4	12	23.7	15.6	50.5	452.1	118	53.5	7.4	60.8	42.1	16	13.6	381.1	71.2	101.1	210.9
K952752	99.69	407	12	5.8	6.6	15.7	17.5	84.7	239.3	213	83.4	11	48	41.2	42	35.8	503.7	87.6	94	188

	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu
Sample_ID	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
	0.02	0.3	0.05	0.02	0.05	0.01	0.05	0.02	0.03	0.01	0.05	0.01
K952701	14.42	46	9.67	0.42	8.39	1.32	8.63	1.64	4.58	0.7	4.83	0.66
K952702	24.4	80.4	14	0.39	10.81	1.63	10.87	1.86	5.25	0.85	6.02	0.83
K952703	12.37	40.8	7.7	0.36	6.09	0.89	5.71	1.05	3.18	0.53	3.89	0.58
K952704	30.39	117	35.38	0.92	41.76	7.27	53.17	9.66	28.62	4.48	29.27	3.96
K952705	33.07	108.9	21.56	0.49	20.48	3.33	23.71	4.37	14.09	2.12	14.52	1.92
K952706	23.28	77.3	16.24	0.7	15.48	2.49	16.32	3.33	9.36	1.41	8.77	1.08
K952707	17.27	60.4	10.47	0.68	9.42	1.4	9.76	1.73	4.66	0.79	5.34	0.68
K952708	34.95	113.2	22.43	0.58	19.55	3.28	22.41	4.1	13.1	2.08	14.96	2
K952709	35.7	155.3	46.24	1.8	57.64	8.92	61.45	12.12	35.21	5.01	30.9	4.36
K952710	9.79	36.4	6.77	1.06	5.82	0.82	5.28	0.93	2.8	0.43	2.77	0.39
K952711	34.2	112.7	19.66	0.36	13.39	1.97	12.65	2.2	6.55	1.04	7.48	1.03
K952712	48.25	168.1	32.79	0.41	30.9	5.18	38.78	7.25	22.01	3.52	21.88	2.93
K952713	137.65	457.6	95.45	0.53	103.71	18.14	135.84	26.68	81.9	12.31	77.52	10.45
K952714	44.48	138.7	23.25	0.74	17.14	2.6	17.37	3.08	10.14	1.6	10.98	1.51
K952715	1.49	3.7	1.04	0.23	1.15	0.14	0.87	0.16	0.67	0.06	0.56	0.05
K952717	3.14	12.4	2.89	0.7	2.91	0.41	2.49	0.41	1.18	0.2	1.19	0.19
K952718	5.52	23.5	5.26	1.56	5.31	0.75	4.63	0.9	2.43	0.38	2.38	0.35
K952719	3.01	11.1	2.52	0.63	2.3	0.28	1.75	0.26	0.7	0.1	0.8	0.09
K952721	44.06	155.4	37.59	0.52	41.66	6.94	49.19	9.24	28.32	4.07	26.83	3.61
K952722	28.95	89.7	15.01	0.37	11.78	1.7	10.94	2.02	6.42	1.1	7.48	1.16
K952723	43.13	138.2	25.33	0.52	20.57	3.12	20.32	3.6	10.85	1.62	10.55	1.33
K952724	39.51	133	26.18	0.62	23.76	3.66	26.03	4.52	13.65	2.12	13.72	1.86
K952725	21.3	74.1	19.86	0.31	19.88	3.55	24.23	4.81	13.91	2.23	15.43	1.98
K952726	18.82	68.7	13.87	0.49	13.7	2.26	15.38	3.11	8.82	1.54	9.89	1.4
K952727	23.05	74.8	15.2	0.43	14.76	2.43	16.34	3.25	10.14	1.63	10.67	1.47
K952728	214.18	731.4	137.15	0.76	122.52	18.98	135.78	24.87	77.08	11.74	79.05	10.7
K952729	63.81	220.2	40.89	0.46	33.72	4.91	30.8	5.37	16.43	2.49	16.25	2.28
K952730	20.02	70.7	14.34	0.34	14.17	2.19	13.81	2.7	8.54	1.29	8.92	1.09
K952731	15.04	49.5	11.42	0.3	10.98	1.78	11.99	2.23	7.02	1.11	7.39	0.98
K952732	12.24	41.5	8.54	0.36	8.84	1.49	11	1.89	5.98	0.96	6.22	0.98
K952733	20.55	78.5	22.87	0.53	24.85	4.06	28.26	4.93	14.91	2.29	16.06	2.09
K952734	33.13	132.6	32.89	1.03	35.71	6.09	42.6	7.6	22.35	3.29	21.05	2.72
K952735	28.85	111	27.13	1.09	29.69	4.95	34.44	6.12	17.6	2.68	15.91	2.16
K952736	19.2	65.4	12.29	0.89	11.55	1.79	12.63	2.17	6.75	1.01	6.43	0.92
K952737	52.77	172.4	27.66	1.14	20.77	2.92	17.93	3.26	9.89	1.57	10.03	1.47
K952738	23.24	80.2	15.47	0.54	14.14	2.15	13.39	2.66	7.85	1.21	8.07	1.17
K952739	24.67	84.4	17.77	1.06	17.57	3.09	22.15	4.13	13.24	1.85	13.15	1.71
K952740	28.84	101.3	19.08	0.65	17.36	2.9	18.85	3.54	10.31	1.53	10.54	1.59
K952741	26.1	90	20.61	0.59	21.42	4.19	25.49	5.66	17.13	2.51	16.52	2.23
K952742	22.3	80.4	15.88	0.83	15.36	2.94	17.15	3.83	11.56	1.78	11.62	1.62
K952743	19.07	60.2	13.36	0.18	12.83	2.67	16.35	3.61	11.53	1.86	11.78	1.56
K952744	17.34	53.3	9.28	0.78	7.34	1.18	7.14	1.39	4.08	0.68	4.68	0.69
K952745	20.22	72	17.9	0.78	18.63	3.63	21.72	4.56	13.5	2.05	13.2	1.75
K952746	24.27	75.8	14.77	0.45	12.69	2.37	14.05	2.73	8.96	1.43	9.2	1.37
K952747	34.84	118.6	24.24	0.45	22.14	4.26	25.1	5.58	16.8	2.5	16.76	2.41
K952748	22.75	74.5	13.04	0.53	10.66	1.84	10.7	2.24	7.41	1.19	7.63	1.21
K952749	16.85	60.1	13.11	0.54	12.14	2.46	14.48	2.99	8.77	1.4	9.24	1.28
K952750	53.27	175.3	28.29	0.59	20.91	3.36	20.39	4.5	14.49	2.21	14.31	2.09
K952751	21.62	73.2	14.98	0.25	12.41	2.33	13.13	2.82	8.63	1.38	9.14	1.34
K952752	21.96	76.3	15.72	0.58	14.69	2.87	16.76	3.71	11.52	1.78	11.19	1.62

APPENDIX V. ASSAY CERTIFICATES

Acme Analytical Laboratories (Vancouver) Ltd.

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PHONE (604) 253-3158

Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road.
Whitehorse YT Y1A 5Y9 CANADA

Submitted By:	Phil Jackson
Receiving Lab:	Canada-Whitehorse
Received:	October 12, 2012
Report Date:	January 09, 2013
Page:	1 of 3

CERTIFICATE OF ANALYSIS WHI12000990.2

CLIENT JOB INFORMATION

Project:	Seagull Tin
Shipment ID:	
P.O. Number	AGL-12569-YT
Number of Samples:	50

SAMPLE DISPOSAL

PICKUP-PLP	Client to Pickup Pulps
PICKUP-RJT	Client to Pickup Rejects

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	50	Dry at 60C			WHI
SS80	50	Dry at 60C sieve 100g to -80 mesh			WHI
RJSV	50	Saving all or part of Soil Reject			WHI
4A4B	50	Whole Rock Analysis Majors and Trace Elements	0.2	Completed	VAN

ADDITIONAL COMMENTS

Version 2: 1DX (14 elements) of 4A4B pkg included.

Invoice To: Aurora Geosciences Ltd. (Whitehorse)
34A Laberge Road.
Whitehorse YT Y1A 5Y9
CANADA

CC: Mike Power

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Acme Analytical Laboratories (Vancouver) Ltd.

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PHONE (604) 253-3158

Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road.
Whitehorse YT Y1A 5Y9 CANADA

Project: Seagull Tin
Report Date: January 09, 2013

CERTIFICATE OF ANALYSIS WHI12000990.2

Method		4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
Analyte		SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	Ga
Unit		%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	0.5
701	Sediment	68.09	11.38	6.92	2.18	2.37	2.50	3.88	0.35	0.08	0.10	0.033	60	7	1.9	99.79	274	9	10.2	6.5	20.1
702	Sediment	71.12	11.02	2.99	2.34	2.76	2.38	3.76	0.39	0.06	0.07	0.053	64	7	2.7	99.68	228	13	8.8	6.5	20.2
703	Sediment	74.16	10.99	2.08	2.00	2.03	2.53	3.99	0.25	<0.01	0.05	0.033	48	6	1.7	99.80	217	10	7.4	5.9	19.7
704	Sediment	59.37	13.50	3.31	1.61	1.74	2.39	2.88	0.41	0.14	0.06	0.026	62	9	14.3	99.72	337	13	8.3	9.0	18.7
705	Sediment	70.68	11.40	2.94	2.15	2.23	2.42	3.56	0.51	0.05	0.06	0.082	54	8	3.5	99.59	266	3	9.6	6.1	19.6
706	Sediment	69.90	11.45	3.48	1.00	1.21	1.98	3.48	0.49	0.14	0.11	0.008	37	7	6.5	99.76	312	4	7.8	6.5	17.4
707	Sediment	71.41	11.47	4.39	1.71	1.14	1.55	4.23	0.64	0.15	0.16	0.008	42	8	2.9	99.77	311	7	12.0	7.5	18.3
708	Sediment	68.77	12.58	3.19	0.77	1.47	2.13	3.57	0.37	0.06	0.09	0.004	30	7	6.7	99.70	201	13	7.1	10.1	21.5
709	Sediment	53.08	10.68	3.56	1.86	2.34	0.73	2.17	0.43	0.19	0.08	0.014	47	9	24.6	99.71	416	7	10.7	10.5	13.9
710	Sediment	65.83	12.62	5.15	2.58	2.20	1.00	3.15	0.62	0.08	0.10	0.012	43	11	6.4	99.77	566	7	14.8	9.1	19.4
711	Sediment	72.11	10.49	2.17	2.77	2.67	2.35	3.88	0.33	0.06	0.05	0.108	58	7	2.7	99.68	183	3	8.3	5.6	19.4
712	Sediment	68.88	9.51	3.89	5.72	3.27	2.09	3.31	0.40	0.07	0.08	0.215	124	11	2.0	99.47	178	5	19.2	5.7	18.7
713	Sediment	68.22	9.91	4.17	4.15	3.22	2.23	3.38	1.10	0.16	0.11	0.398	96	12	1.6	98.68	185	4	16.2	5.2	20.7
714	Sediment	64.28	13.08	4.72	3.03	4.13	2.73	2.91	0.80	0.13	0.10	0.042	67	14	3.5	99.47	353	6	16.4	9.5	22.2
715	Sediment	64.59	15.32	2.55	0.99	1.28	4.09	3.27	0.28	0.11	0.07	0.011	29	4	7.0	99.60	1578	2	6.4	8.2	22.0
717	Sediment	47.02	14.52	12.88	6.77	2.75	0.31	3.46	0.67	0.72	0.24	0.117	392	24	10.1	99.57	780	7	57.6	46.1	25.2
718	Sediment	47.18	15.90	10.54	8.12	4.37	1.56	1.41	2.29	0.32	0.35	0.049	145	29	7.4	99.49	262	9	52.4	13.8	20.0
719	Sediment	58.12	15.57	6.75	3.08	2.69	3.64	2.53	0.37	0.16	0.13	0.043	140	9	6.5	99.58	1307	3	28.2	10.0	26.0
721	Sediment	58.32	16.77	4.86	1.16	1.22	2.89	3.66	0.44	0.14	0.09	0.009	40	10	9.9	99.48	187	29	10.9	19.7	30.9
722	Sediment	68.71	10.90	2.56	4.66	3.41	2.43	3.85	0.38	0.02	0.05	0.005	<20	5	2.6	99.62	179	11	5.4	6.6	22.4
723	Sediment	66.72	10.88	3.16	4.43	4.87	2.01	3.66	0.45	0.08	0.09	0.014	29	6	3.3	99.64	279	17	7.2	7.8	20.1
724	Sediment	66.02	10.43	3.28	4.03	4.75	1.89	3.08	0.30	0.07	0.09	0.019	32	6	5.7	99.65	293	11	6.4	6.4	17.7
725	Sediment	60.65	14.06	2.76	0.92	1.04	2.62	3.68	0.24	0.10	0.04	0.020	49	7	13.7	99.81	249	21	5.8	9.6	19.2
726	Sediment	65.80	11.98	3.66	3.30	2.67	2.45	3.42	0.42	0.09	0.08	0.048	72	10	5.8	99.69	210	10	13.6	8.9	17.1
727	Sediment	64.70	11.25	4.96	4.59	3.55	2.22	3.19	0.42	0.14	0.09	0.059	93	15	4.4	99.62	223	8	17.8	11.2	18.4
728	Sediment	68.19	10.09	3.88	4.41	3.22	2.20	3.15	0.93	0.27	0.09	0.376	103	13	1.5	98.30	191	8	17.7	5.4	19.6
729	Sediment	68.22	10.67	3.37	4.02	2.57	2.30	3.40	0.45	0.10	0.07	0.171	104	9	4.1	99.43	223	13	14.8	6.4	19.3
730	Sediment	73.60	10.63	2.14	2.82	1.83	2.36	3.71	0.23	0.01	0.05	0.049	61	6	2.3	99.76	208	10	8.1	5.6	14.7
731	Sediment	53.50	6.70	7.59	15.42	7.16	1.24	1.68	0.28	0.05	0.12	0.354	380	23	5.4	99.51	123	8	50.1	8.3	14.5
732	Sediment	73.70	11.11	1.62	1.65	1.48	2.37	4.01	0.19	0.03	0.04	0.021	29	5	3.6	99.84	219	2	5.4	6.6	15.3

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road.
Whitehorse YT Y1A 5Y9 CANADA

Project: Seagull Tin
Report Date: January 09, 2013

CERTIFICATE OF ANALYSIS WHI12000990.2

	Method	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B		4A-4B
	Analyte	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3	0.05	0.02	0.05	0.01
701	Sediment	11.2	42.3	250.2	49	91.3	3.0	31.4	11.5	92	23.4	302.0	40.8	68.3	134.6	14.42	46.0	9.67	0.42	8.39	1.32
702	Sediment	18.4	89.6	235.8	352	74.7	15.0	55.7	20.0	88	54.2	483.9	46.6	115.2	225.7	24.40	80.4	14.00	0.39	10.81	1.63
703	Sediment	14.9	131.1	249.4	6	65.4	29.0	46.1	12.0	70	10.7	398.5	31.7	60.3	112.2	12.37	40.8	7.70	0.36	6.09	0.89
704	Sediment	11.5	42.5	239.4	12	99.5	4.1	57.3	102.0	43	5.1	290.5	290.6	105.7	160.7	30.39	117.0	35.38	0.92	41.76	7.27
705	Sediment	21.4	117.3	225.5	673	81.4	14.7	70.0	30.0	71	68.0	613.4	123.0	154.5	293.1	33.07	108.9	21.56	0.49	20.48	3.33
706	Sediment	8.5	124.4	236.5	29	75.8	9.1	43.1	35.3	50	8.6	317.4	95.3	105.4	191.1	23.28	77.3	16.24	0.70	15.48	2.49
707	Sediment	6.9	41.3	287.2	86	62.4	3.4	37.1	17.2	61	7.2	202.8	51.6	82.2	159.1	17.27	60.4	10.47	0.68	9.42	1.40
708	Sediment	23.3	93.5	235.4	64	88.2	9.7	86.2	32.4	58	6.3	623.1	121.4	171.2	302.5	34.95	113.2	22.43	0.58	19.55	3.28
709	Sediment	4.6	11.3	96.0	2	94.8	1.2	14.4	141.6	58	2.1	143.0	453.5	101.6	59.4	35.70	155.3	46.24	1.80	57.64	8.92
710	Sediment	5.8	17.6	122.2	5	106.0	1.4	14.8	4.4	99	2.2	204.7	29.4	40.3	87.1	9.79	36.4	6.77	1.06	5.82	0.82
711	Sediment	28.6	82.0	255.6	109	42.9	11.6	74.3	29.8	46	14.0	706.9	55.6	152.3	309.1	34.20	112.7	19.66	0.36	13.39	1.97
712	Sediment	36.4	224.4	231.5	315	43.1	21.2	161.4	47.1	56	62.4	947.3	176.4	221.1	433.4	48.25	168.1	32.79	0.41	30.90	5.18
713	Sediment	110.2	724.8	240.7	856	45.2	53.3	394.8	120.0	63	167.8	3058	678.0	670.9	1274	137.7	457.6	95.45	0.53	103.7	18.14
714	Sediment	37.9	117.6	215.8	523	223.3	11.9	87.0	30.5	77	72.2	972.1	84.9	233.5	428.4	44.48	138.7	23.25	0.74	17.14	2.60
715	Sediment	4.3	12.5	109.5	56	922.9	0.8	2.1	1.2	31	4.6	135.0	5.0	6.3	13.6	1.49	3.7	1.04	0.23	1.15	0.14
717	Sediment	1.8	11.4	290.3	141	509.0	0.8	2.5	1.5	229	21.8	65.6	12.8	14.1	27.9	3.14	12.4	2.89	0.70	2.91	0.41
718	Sediment	4.0	32.9	78.2	53	245.4	2.1	3.0	1.0	201	16.1	175.2	23.7	21.2	50.0	5.52	23.5	5.26	1.56	5.31	0.75
719	Sediment	5.1	11.6	73.9	19	1207	0.3	3.2	3.0	64	3.5	157.6	7.7	12.6	29.4	3.01	11.1	2.52	0.63	2.30	0.28
721	Sediment	19.5	108.1	396.8	16	76.7	9.8	170.9	121.6	36	6.2	452.3	305.6	188.8	334.3	44.06	155.4	37.59	0.52	41.66	6.94
722	Sediment	35.1	79.9	306.0	182	55.3	10.9	106.6	22.9	35	72.5	876.4	58.9	142.8	280.7	28.95	89.7	15.01	0.37	11.78	1.70
723	Sediment	14.0	70.7	245.3	71	75.9	5.3	65.3	19.8	39	17.9	383.4	104.1	207.6	389.6	43.13	138.2	25.33	0.52	20.57	3.12
724	Sediment	18.6	66.8	189.8	39	70.2	4.6	92.0	49.4	32	17.8	538.3	143.0	174.1	331.9	39.51	133.0	26.18	0.62	23.76	3.66
725	Sediment	10.3	51.7	320.2	11	81.5	6.4	67.3	33.0	21	20.0	275.1	132.6	84.0	176.4	21.30	74.1	19.86	0.31	19.88	3.55
726	Sediment	16.2	68.8	282.2	78	72.9	8.6	100.2	29.8	44	32.6	442.9	94.9	81.8	145.2	18.82	68.7	13.87	0.49	13.70	2.26
727	Sediment	23.4	57.3	255.3	68	79.7	8.5	47.1	30.2	65	19.1	597.4	102.0	106.4	185.9	23.05	74.8	15.20	0.43	14.76	2.43
728	Sediment	167.6	665.5	215.6	948	58.3	69.5	563.9	150.9	50	225.8	4476	685.5	951.5	1918	214.2	731.4	137.1	0.76	122.5	18.98
729	Sediment	52.7	142.7	233.5	150	57.5	14.7	204.7	61.1	35	116.0	1287	149.2	285.6	556.6	63.81	220.2	40.89	0.46	33.72	4.91
730	Sediment	20.0	49.0	265.4	10	47.4	3.3	55.8	19.5	17	9.2	511.1	82.8	88.0	165.4	20.02	70.7	14.34	0.34	14.17	2.19
731	Sediment	12.2	25.1	159.2	330	43.7	3.1	37.8	24.7	65	4.5	305.0	77.1	62.1	115.8	15.04	49.5	11.42	0.30	10.98	1.78
732	Sediment	7.2	75.4	286.9	84	44.7	13.0	23.4	11.6	13	15.1	193.4	59.6	58.8	101.7	12.24	41.5	8.54	0.36	8.84	1.49

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road.
Whitehorse YT Y1A 5Y9 CANADA

Project: Seagull Tin
Report Date: January 09, 2013

CERTIFICATE OF ANALYSIS WHI12000990.2

	Method	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	2A Leco	2A Leco
	Analyte	Dy	Ho	Er	Tm	Yb	Lu	TOT/C	TOT/S
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.05	0.02	0.03	0.01	0.05	0.01	0.02	0.02
701	Sediment	8.63	1.64	4.58	0.70	4.83	0.66	0.40	<0.02
702	Sediment	10.87	1.86	5.25	0.85	6.02	0.83	0.73	0.05
703	Sediment	5.71	1.05	3.18	0.53	3.89	0.58	0.24	<0.02
704	Sediment	53.17	9.66	28.62	4.48	29.27	3.96	5.14	0.04
705	Sediment	23.71	4.37	14.09	2.12	14.52	1.92	1.04	<0.02
706	Sediment	16.32	3.33	9.36	1.41	8.77	1.08	1.45	<0.02
707	Sediment	9.76	1.73	4.66	0.79	5.34	0.68	0.46	<0.02
708	Sediment	22.41	4.10	13.10	2.08	14.96	2.00	1.55	<0.02
709	Sediment	61.45	12.12	35.21	5.01	30.90	4.36	9.58	0.09
710	Sediment	5.28	0.93	2.80	0.43	2.77	0.39	1.04	<0.02
711	Sediment	12.65	2.20	6.55	1.04	7.48	1.03	0.42	<0.02
712	Sediment	38.78	7.25	22.01	3.52	21.88	2.93	0.33	<0.02
713	Sediment	135.8	26.68	81.90	12.31	77.52	10.45	0.31	<0.02
714	Sediment	17.37	3.08	10.14	1.60	10.98	1.51	0.58	<0.02
715	Sediment	0.87	0.16	0.67	0.06	0.56	0.05	1.96	<0.02
717	Sediment	2.49	0.41	1.18	0.20	1.19	0.19	0.75	<0.02
718	Sediment	4.63	0.90	2.43	0.38	2.38	0.35	0.42	<0.02
719	Sediment	1.75	0.26	0.70	0.10	0.80	0.09	0.67	0.03
721	Sediment	49.19	9.24	28.32	4.07	26.83	3.61	2.65	0.02
722	Sediment	10.94	2.02	6.42	1.10	7.48	1.16	0.28	<0.02
723	Sediment	20.32	3.60	10.85	1.62	10.55	1.33	0.67	<0.02
724	Sediment	26.03	4.52	13.65	2.12	13.72	1.86	1.69	<0.02
725	Sediment	24.23	4.81	13.91	2.23	15.43	1.98	4.93	0.03
726	Sediment	15.38	3.11	8.82	1.54	9.89	1.40	1.37	<0.02
727	Sediment	16.34	3.25	10.14	1.63	10.67	1.47	0.87	<0.02
728	Sediment	135.8	24.87	77.08	11.74	79.05	10.70	0.26	<0.02
729	Sediment	30.80	5.37	16.43	2.49	16.25	2.28	1.09	<0.02
730	Sediment	13.81	2.70	8.54	1.29	8.92	1.09	0.42	<0.02
731	Sediment	11.99	2.23	7.02	1.11	7.39	0.98	1.24	<0.02
732	Sediment	11.00	1.89	5.98	0.96	6.22	0.98	0.83	<0.02

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road.
Whitehorse YT Y1A 5Y9 CANADA

Project: Seagull Tin
Report Date: January 09, 2013

CERTIFICATE OF ANALYSIS WHI12000990.2

	Method	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
	Analyte	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	Ga
	Unit	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	0.5
733	Sediment	52.18	11.73	3.02	0.46	0.91	1.49	2.82	0.19	0.29	0.08	0.009	<20	4	26.6	99.78	189	22	4.9	7.2	17.8
734	Sediment	53.52	15.16	6.37	2.16	1.56	1.87	2.22	0.84	0.40	0.07	0.017	35	15	15.4	99.64	559	18	13.4	15.2	23.6
735	Sediment	53.63	16.40	8.21	2.47	1.39	1.75	2.37	0.69	0.23	0.19	0.018	63	18	12.3	99.60	604	8	25.3	27.0	27.6
736	Sediment	65.84	11.91	4.77	1.45	2.30	2.34	2.35	0.66	0.14	0.19	0.013	23	10	7.7	99.69	541	9	10.8	5.6	13.5
737	Sediment	65.50	11.71	5.60	1.43	2.51	2.29	2.37	0.96	0.16	0.20	0.029	<20	11	6.6	99.38	471	11	9.4	5.1	14.0
738	Sediment	66.51	11.63	4.37	1.06	1.63	2.25	2.94	0.52	0.12	0.28	0.009	22	8	8.4	99.72	436	7	9.9	4.5	12.6
739	Sediment	69.69	11.96	5.70	1.52	1.03	1.62	2.83	0.56	0.16	0.19	0.016	45	12	4.3	99.62	1032	23	16.9	16.6	20.4
740	Sediment	64.93	13.67	3.51	1.04	0.99	2.51	3.38	0.46	0.15	0.05	0.011	<20	9	8.9	99.59	425	4	5.6	11.1	19.4
741	Sediment	61.91	14.07	6.92	0.86	1.00	2.20	3.14	0.52	0.15	0.29	0.008	29	10	8.5	99.53	471	11	6.4	21.4	24.8
742	Sediment	59.97	15.34	6.01	2.68	2.25	3.26	3.11	0.74	0.22	0.13	0.019	53	15	5.9	99.65	393	13	15.7	13.8	21.3
743	Sediment	69.03	14.73	3.98	0.20	0.38	2.96	4.99	0.22	0.04	0.07	<0.002	<20	5	3.2	99.76	120	15	3.0	13.2	27.3
744	Sediment	69.42	11.64	4.15	1.98	2.43	1.91	2.92	0.84	0.08	0.11	0.022	38	11	4.2	99.72	409	6	11.8	5.5	16.7
745	Sediment	59.94	15.39	5.13	1.30	1.60	2.15	2.63	0.61	0.31	0.08	0.013	<20	11	10.5	99.71	540	10	8.1	13.3	24.6
746	Sediment	65.30	13.06	3.13	0.56	0.93	2.32	3.72	0.33	0.10	0.10	0.005	20	6	10.2	99.71	302	11	4.9	7.2	18.9
747	Sediment	63.09	15.03	3.88	0.88	1.21	3.04	3.69	0.48	0.14	0.04	0.009	<20	9	8.1	99.61	271	15	4.3	13.7	26.5
748	Sediment	74.32	11.56	1.81	0.54	1.21	2.53	3.58	0.56	0.11	0.04	0.008	33	6	3.4	99.63	398	5	2.2	4.9	16.1
749	Sediment	65.79	13.39	2.55	0.62	1.08	2.31	3.46	0.43	0.16	0.08	0.010	<20	7	9.9	99.75	396	12	4.4	7.4	18.0
750	Sediment	71.08	11.45	3.55	1.09	1.92	2.71	3.35	1.21	0.14	0.10	0.019	21	9	2.8	99.46	450	4	6.7	5.0	15.9
751	Sediment	71.20	14.08	2.39	0.30	0.50	2.63	5.32	0.24	0.05	0.09	0.006	<20	5	3.0	99.76	314	12	2.4	12.0	23.7
752	Sediment	69.04	11.80	3.14	0.85	1.36	1.87	3.58	0.48	0.12	0.11	0.006	21	7	7.3	99.69	407	12	5.8	6.6	15.7

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34A Laberge Road.
Whitehorse YT Y1A 5Y9 CANADA

Project: Seagull Tin
Report Date: January 09, 2013

CERTIFICATE OF ANALYSIS WHI12000990.2

	Method	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B		4A-4B
	Analyte	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3	0.05	0.02	0.05	0.01
733	Sediment	8.8	25.3	202.7	9	50.8	3.4	39.6	123.3	11	5.9	231.0	146.9	68.3	115.8	20.55	78.5	22.87	0.53	24.85	4.06
734	Sediment	6.9	48.0	148.3	13	148.0	3.6	86.8	108.5	93	6.6	206.7	242.3	123.1	213.5	33.13	132.6	32.89	1.03	35.71	6.09
735	Sediment	5.7	51.7	178.9	41	115.1	3.5	58.3	48.1	104	13.9	189.9	199.7	111.6	206.0	28.85	111.0	27.13	1.09	29.69	4.95
736	Sediment	11.3	28.5	132.6	96	153.4	2.1	39.5	20.3	79	4.2	332.3	64.9	91.2	164.6	19.20	65.4	12.29	0.89	11.55	1.79
737	Sediment	35.4	54.5	139.1	984	135.8	4.4	132.9	31.9	95	38.7	1089	100.2	259.9	476.5	52.77	172.4	27.66	1.14	20.77	2.92
738	Sediment	13.7	62.9	166.1	107	118.6	5.5	38.0	30.2	63	4.5	472.4	76.6	116.6	206.0	23.24	80.2	15.47	0.54	14.14	2.15
739	Sediment	10.9	49.2	204.5	31	76.0	4.3	43.7	22.3	77	9.2	298.6	124.2	123.2	258.4	24.67	84.4	17.77	1.06	17.57	3.09
740	Sediment	20.3	55.1	239.1	227	88.5	5.0	52.3	33.8	51	7.5	584.0	95.3	132.1	214.9	28.84	101.3	19.08	0.65	17.36	2.90
741	Sediment	11.9	62.3	228.4	89	160.0	5.5	92.7	44.5	50	5.3	349.9	138.9	112.6	296.2	26.10	90.0	20.61	0.59	21.42	4.19
742	Sediment	11.6	56.9	237.2	230	175.9	5.1	69.1	26.1	89	5.8	302.9	103.5	100.3	236.2	22.30	80.4	15.88	0.83	15.36	2.94
743	Sediment	10.0	56.1	438.3	122	37.2	5.6	78.3	38.6	10	5.7	257.3	97.9	86.7	247.9	19.07	60.2	13.36	0.18	12.83	2.67
744	Sediment	16.1	46.9	162.3	32	142.3	3.6	71.8	14.6	75	4.4	490.2	36.3	92.7	172.6	17.34	53.3	9.28	0.78	7.34	1.18
745	Sediment	10.5	46.6	217.2	51	165.5	4.2	84.1	66.0	70	5.6	293.4	126.5	84.9	171.6	20.22	72.0	17.90	0.78	18.63	3.63
746	Sediment	17.2	38.9	277.4	206	81.0	3.8	61.3	46.6	35	4.5	450.9	70.6	126.6	225.5	24.27	75.8	14.77	0.45	12.69	2.37
747	Sediment	30.3	91.5	297.1	168	82.1	9.4	101.2	74.3	41	8.4	777.4	134.0	158.0	295.5	34.84	118.6	24.24	0.45	22.14	4.26
748	Sediment	34.1	55.0	220.1	37	110.6	4.3	39.9	15.3	31	4.8	1033	55.1	111.9	195.6	22.75	74.5	13.04	0.53	10.66	1.84
749	Sediment	9.9	37.4	237.2	15	102.9	3.5	46.5	40.0	41	8.0	289.3	77.8	71.2	132.6	16.85	60.1	13.11	0.54	12.14	2.46
750	Sediment	61.6	152.0	194.3	132	134.6	8.8	121.3	29.2	56	28.1	1754	115.2	278.7	504.8	53.27	175.3	28.29	0.59	20.91	3.36
751	Sediment	15.6	50.5	452.1	118	53.5	7.4	60.8	42.1	16	13.6	381.1	71.2	101.1	210.9	21.62	73.2	14.98	0.25	12.41	2.33
752	Sediment	17.5	84.7	239.3	213	83.4	11.0	48.0	41.2	42	35.8	503.7	87.6	94.0	188.0	21.96	76.3	15.72	0.58	14.69	2.87

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Whitehorse YT Y1A 5Y9 CANADA

Project: Seagull Tin
Report Date: January 09, 2013

CERTIFICATE OF ANALYSIS WHI12000990.2

	Method	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	2A Leco	2A Leco
	Analyte	Dy	Ho	Er	Tm	Yb	Lu	TOT/C	TOT/S
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.05	0.02	0.03	0.01	0.05	0.01	0.02	0.02
733	Sediment	28.26	4.93	14.91	2.29	16.06	2.09	10.03	0.08
734	Sediment	42.60	7.60	22.35	3.29	21.05	2.72	4.27	0.07
735	Sediment	34.44	6.12	17.60	2.68	15.91	2.16	2.51	0.03
736	Sediment	12.63	2.17	6.75	1.01	6.43	0.92	2.26	0.03
737	Sediment	17.93	3.26	9.89	1.57	10.03	1.47	1.96	<0.02
738	Sediment	13.39	2.66	7.85	1.21	8.07	1.17	2.64	0.03
739	Sediment	22.15	4.13	13.24	1.85	13.15	1.71	0.22	<0.02
740	Sediment	18.85	3.54	10.31	1.53	10.54	1.59	2.53	0.04
741	Sediment	25.49	5.66	17.13	2.51	16.52	2.23	1.55	0.04
742	Sediment	17.15	3.83	11.56	1.78	11.62	1.62	0.23	<0.02
743	Sediment	16.35	3.61	11.53	1.86	11.78	1.56	0.20	<0.02
744	Sediment	7.14	1.39	4.08	0.68	4.68	0.69	0.81	<0.02
745	Sediment	21.72	4.56	13.50	2.05	13.20	1.75	2.33	0.04
746	Sediment	14.05	2.73	8.96	1.43	9.20	1.37	2.35	0.03
747	Sediment	25.10	5.58	16.80	2.50	16.76	2.41	2.07	<0.02
748	Sediment	10.70	2.24	7.41	1.19	7.63	1.21	0.87	<0.02
749	Sediment	14.48	2.99	8.77	1.40	9.24	1.28	2.91	<0.02
750	Sediment	20.39	4.50	14.49	2.21	14.31	2.09	0.54	<0.02
751	Sediment	13.13	2.82	8.63	1.38	9.14	1.34	0.37	<0.02
752	Sediment	16.76	3.71	11.52	1.78	11.19	1.62	1.88	0.02

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Whitehorse YT Y1A 5Y9 CANADA

Project: Seagull Tin
Report Date: January 09, 2013

QUALITY CONTROL REPORT WHI12000990.2

	Method	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
	Analyte	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	Ga
	Unit	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	0.5
732	Sediment	73.70	11.11	1.62	1.65	1.48	2.37	4.01	0.19	0.03	0.04	0.021	29	5	3.6	99.84	219	2	5.4	6.6	15.3
752	Sediment	69.04	11.80	3.14	0.85	1.36	1.87	3.58	0.48	0.12	0.11	0.006	21	7	7.3	99.69	407	12	5.8	6.6	15.7
Pulp Duplicates																					
738	Sediment	66.51	11.63	4.37	1.06	1.63	2.25	2.94	0.52	0.12	0.28	0.009	22	8	8.4	99.72	436	7	9.9	4.5	12.6
REP 738	QC																				
751	Sediment	71.20	14.08	2.39	0.30	0.50	2.63	5.32	0.24	0.05	0.09	0.006	<20	5	3.0	99.76	314	12	2.4	12.0	23.7
REP 751	QC																				
Reference Materials																					
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD SO-18	Standard	57.98	13.99	7.62	3.47	6.33	3.75	2.16	0.69	0.83	0.41	0.569	<20	26	1.9	99.71	506	1	25.4	6.8	17.1
STD SO-18	Standard	57.85	14.17	7.65	3.41	6.29	3.78	2.18	0.70	0.81	0.40	0.566	48	25	1.9	99.72	496	1	25.5	6.8	16.9
STD SO-18	Standard	58.35	13.97	7.56	3.38	6.27	3.71	2.11	0.69	0.82	0.40	0.566	42	25	1.9	99.73	495	2	26.1	6.8	16.7
STD SO-18	Standard	58.18	14.10	7.61	3.37	6.26	3.67	2.13	0.70	0.84	0.40	0.568	40	25	1.9	99.73	497	2	25.9	6.6	16.7
STD SO-18	Standard	57.84	14.08	7.80	3.41	6.45	3.66	2.15	0.70	0.79	0.40	0.549	64	24	1.9	99.73	476	3	25.6	6.5	20.4
STD SO-18	Standard	58.25	13.94	7.75	3.35	6.45	3.56	2.12	0.69	0.78	0.40	0.540	49	24	1.9	99.74	487	3	25.7	6.8	20.7
STD SO-18	Standard	58.28	14.10	7.67	3.40	6.31	3.51	2.11	0.69	0.81	0.40	0.550	49	24	1.9	99.75	473	<1	24.0	6.5	16.1
STD SO-18	Standard	58.49	13.94	7.59	3.36	6.34	3.56	2.09	0.70	0.81	0.39	0.547	49	24	1.9	99.74	493	<1	24.8	6.8	15.8
STD SO-18	Standard	58.54	13.94	7.60	3.35	6.29	3.54	2.10	0.69	0.84	0.40	0.564	44	25	1.9	99.74	525	<1	24.0	6.8	17.5
STD SO-18	Standard	58.16	14.01	7.49	3.35	6.31	3.75	2.15	0.72	0.93	0.40	0.574	55	26	1.9	99.74	506	<1	23.6	6.6	17.1
STD SO-18	Standard	58.54	13.94	7.60	3.35	6.29	3.54	2.10	0.69	0.84	0.40	0.564	44	25	1.9	99.74	525	<1	24.0	6.8	17.5
STD SO-18	Standard	58.16	14.01	7.49	3.35	6.31	3.75	2.15	0.72	0.82	0.40	0.574	55	26	1.9	99.64	506	<1	23.6	6.6	17.1
STD GS311-1 Expected																					
STD GS910-4 Expected																					
STD SO-18 Expected		58.47	14.23	7.67	3.35	6.42	3.71	2.17	0.69	0.83	0.39	0.55	44	25			514		26.2	7.1	17.6
BLK	Blank																				
BLK	Blank																				

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road.
Whitehorse YT Y1A 5Y9 CANADA

Project: Seagull Tin
Report Date: January 09, 2013

QUALITY CONTROL REPORT WHI12000990.2

	Method	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B		4A-4B
	Analyte	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3	0.05	0.02	0.05	0.01
732	Sediment	7.2	75.4	286.9	84	44.7	13.0	23.4	11.6	13	15.1	193.4	59.6	58.8	101.7	12.24	41.5	8.54	0.36	8.84	1.49
752	Sediment	17.5	84.7	239.3	213	83.4	11.0	48.0	41.2	42	35.8	503.7	87.6	94.0	188.0	21.96	76.3	15.72	0.58	14.69	2.87
Pulp Duplicates																					
738	Sediment	13.7	62.9	166.1	107	118.6	5.5	38.0	30.2	63	4.5	472.4	76.6	116.6	206.0	23.24	80.2	15.47	0.54	14.14	2.15
REP 738	QC																				
751	Sediment	15.6	50.5	452.1	118	53.5	7.4	60.8	42.1	16	13.6	381.1	71.2	101.1	210.9	21.62	73.2	14.98	0.25	12.41	2.33
REP 751	QC																				
Reference Materials																					
STD GS311-1	Standard																				
STD GS311-1	Standard																				
STD GS910-4	Standard																				
STD GS910-4	Standard																				
STD SO-18	Standard	9.6	20.5	29.1	15	417.6	7.0	10.2	16.9	203	14.2	285.2	29.1	12.5	27.9	3.35	14.8	2.87	0.89	2.97	0.50
STD SO-18	Standard	9.8	21.0	29.6	15	416.6	7.0	10.0	16.7	203	14.5	291.4	29.7	12.2	26.9	3.30	13.4	2.95	0.87	2.93	0.51
STD SO-18	Standard	9.4	20.5	28.0	13	396.3	6.9	9.6	15.1	197	14.6	293.0	31.8	12.3	26.6	3.42	14.9	3.03	0.90	3.18	0.46
STD SO-18	Standard	9.3	20.2	27.5	15	394.1	7.3	9.9	15.2	194	14.3	296.4	32.2	13.3	28.9	3.55	14.6	2.89	0.90	3.14	0.47
STD SO-18	Standard	9.0	19.6	26.5	15	377.3	6.4	8.8	14.3	206	13.6	281.7	30.1	11.8	25.0	3.17	13.6	2.81	0.82	2.96	0.44
STD SO-18	Standard	9.7	20.1	26.8	15	382.9	6.7	9.3	15.2	183	13.9	282.8	30.4	11.9	25.5	3.24	14.3	2.93	0.84	3.09	0.45
STD SO-18	Standard	8.7	18.3	25.2	13	376.9	6.8	9.9	15.7	189	13.2	266.1	28.2	11.9	24.4	3.16	13.0	2.74	0.80	2.90	0.45
STD SO-18	Standard	9.3	18.3	25.5	14	379.2	6.6	9.8	15.2	198	14.3	277.2	29.4	12.1	25.2	3.15	13.6	2.95	0.85	2.90	0.48
STD SO-18	Standard	9.9	20.0	26.5	14	419.6	6.7	9.2	17.1	201	14.9	291.8	30.0	12.4	26.8	3.38	12.7	2.90	0.87	3.03	0.53
STD SO-18	Standard	9.5	18.9	27.0	13	418.8	6.3	9.5	16.0	198	14.3	281.1	30.3	12.7	26.7	3.28	11.9	2.90	0.89	3.09	0.48
STD SO-18	Standard	9.9	20.0	26.5	14	419.6	6.7	9.2	17.1	201	14.9	291.8	30.0	12.4	26.8	3.38	12.7	2.90	0.87	3.03	0.53
STD SO-18	Standard	9.5	18.9	27.0	13	418.8	6.3	9.5	16.0	198	14.3	281.1	30.3	12.7	26.7	3.28	11.9	2.90	0.89	3.09	0.48
STD GS311-1 Expected																					
STD GS910-4 Expected																					
STD SO-18 Expected		9.8	21.3	28.7	15	407.4	7.4	9.9	16.4	200	14.8	280	31	12.3	27.1	3.45	14	3	0.89	2.93	0.53
BLK	Blank																				
BLK	Blank																				

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Client: **Aurora Geosciences Ltd. (Whitehorse)**
34A Laberge Road.
Whitehorse YT Y1A 5Y9 CANADA

Project: Seagull Tin
Report Date: January 09, 2013

QUALITY CONTROL REPORT WHI12000990.2

	Method	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	2A Leco	2A Leco
	Analyte	Dy	Ho	Er	Tm	Yb	Lu	TOT/C	TOT/S
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.05	0.02	0.03	0.01	0.05	0.01	0.02	0.02
732	Sediment	11.00	1.89	5.98	0.96	6.22	0.98	0.83	<0.02
752	Sediment	16.76	3.71	11.52	1.78	11.19	1.62	1.88	0.02
Pulp Duplicates									
738	Sediment	13.39	2.66	7.85	1.21	8.07	1.17	2.64	0.03
REP 738	QC							2.50	0.03
751	Sediment	13.13	2.82	8.63	1.38	9.14	1.34	0.37	<0.02
REP 751	QC							0.39	<0.02
Reference Materials									
STD GS311-1	Standard							0.99	2.29
STD GS311-1	Standard							0.94	2.26
STD GS910-4	Standard							2.70	8.15
STD GS910-4	Standard							2.58	8.12
STD SO-18	Standard	3.04	0.66	1.96	0.28	1.80	0.30		
STD SO-18	Standard	3.10	0.62	1.88	0.30	1.91	0.26		
STD SO-18	Standard	3.18	0.53	1.66	0.26	1.63	0.26		
STD SO-18	Standard	3.03	0.59	1.72	0.26	1.78	0.27		
STD SO-18	Standard	2.93	0.57	1.60	0.23	1.67	0.26		
STD SO-18	Standard	2.93	0.57	1.75	0.26	1.75	0.27		
STD SO-18	Standard	2.90	0.60	1.71	0.22	1.76	0.26		
STD SO-18	Standard	2.82	0.61	1.81	0.22	1.69	0.26		
STD SO-18	Standard	2.48	0.55	1.75	0.26	1.98	0.25		
STD SO-18	Standard	2.87	0.62	1.99	0.26	1.66	0.25		
STD SO-18	Standard	2.48	0.55	1.75	0.26	1.98	0.25		
STD SO-18	Standard	2.87	0.62	1.99	0.26	1.66	0.25		
STD GS311-1 Expected								1.02	2.35
STD GS910-4 Expected								2.65	8.27
STD SO-18 Expected		3	0.62	1.84	0.27	1.79	0.27		
BLK	Blank							<0.02	<0.02
BLK	Blank							<0.02	<0.02

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34A Laberge Road.
Whitehorse YT Y1A 5Y9 CANADA

Project: Seagull Tin
Report Date: January 09, 2013

QUALITY CONTROL REPORT WHI12000990.2

		4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	Ga
		%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm
		0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	0.5
BLK	Blank	<0.01	<0.01	0.08	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<20	<1	0.0	<0.01	<1	<1	<0.2	<0.1	<0.5
BLK	Blank	<0.01	<0.01	<0.04	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.002	<20	<1	0.0	<0.01	<1	<1	0.4	<0.1	<0.5
BLK	Blank	<0.01	<0.01	0.06	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<20	<1	0.0	0.07	<1	<1	0.7	<0.1	2.0
BLK	Blank	0.02	<0.01	<0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<20	<1	0.0	0.04	<1	<1	<0.2	<0.1	<0.5
BLK	Blank	0.06	0.02	<0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<20	<1	0.0	0.10	3	<1	0.6	<0.1	<0.5
BLK	Blank	0.06	0.02	<0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<20	<1	0.0	0.10	3	<1	0.6	<0.1	<0.5

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34A Laberge Road.
Whitehorse YT Y1A 5Y9 CANADA

Project: Seagull Tin
Report Date: January 09, 2013

QUALITY CONTROL REPORT WHI12000990.2

		4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B		4A-4B
		Hf	**Nb**	**Rb**	**Sn**	**Sr**	**Ta**	**Th**	**U**	**V**	**W**	**Zr**	**Y**	**La**	**Ce**	**Pr**	**Nd**	**Sm**	**Eu**	**Gd**	**Tb**
		ppm	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**	**ppm**
		0.1	**0.1**	**0.1**	**1**	**0.5**	**0.1**	**0.2**	**0.1**	**8**	**0.5**	**0.1**	**0.1**	**0.1**	**0.1**	**0.02**	**0.3**	**0.05**	**0.02**	**0.05**	**0.01**
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.5	0.1	<0.2	<0.1	<8	<0.5	0.6	<0.1	<0.1	<0.1	<0.02	<0.3	<0.05	<0.02	<0.05	<0.01
BLK	Blank	<0.1	0.2	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	0.8	0.1	<0.1	0.1	0.1	<0.02	<0.3	<0.05	<0.02	<0.05	<0.01
BLK	Blank	<0.1	0.3	0.3	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	0.4	<0.1	0.1	<0.1	0.04	<0.3	<0.05	<0.02	0.07	<0.01
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	0.2	<0.1	<0.1	<0.1	<0.02	<0.3	<0.05	<0.02	<0.05	<0.01
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.5	0.1	<0.2	<0.1	<8	<0.5	0.5	<0.1	<0.1	0.1	<0.02	<0.3	<0.05	<0.02	<0.05	<0.01
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.5	0.1	<0.2	<0.1	<8	<0.5	0.5	<0.1	<0.1	0.1	<0.02	<0.3	<0.05	<0.02	<0.05	<0.01

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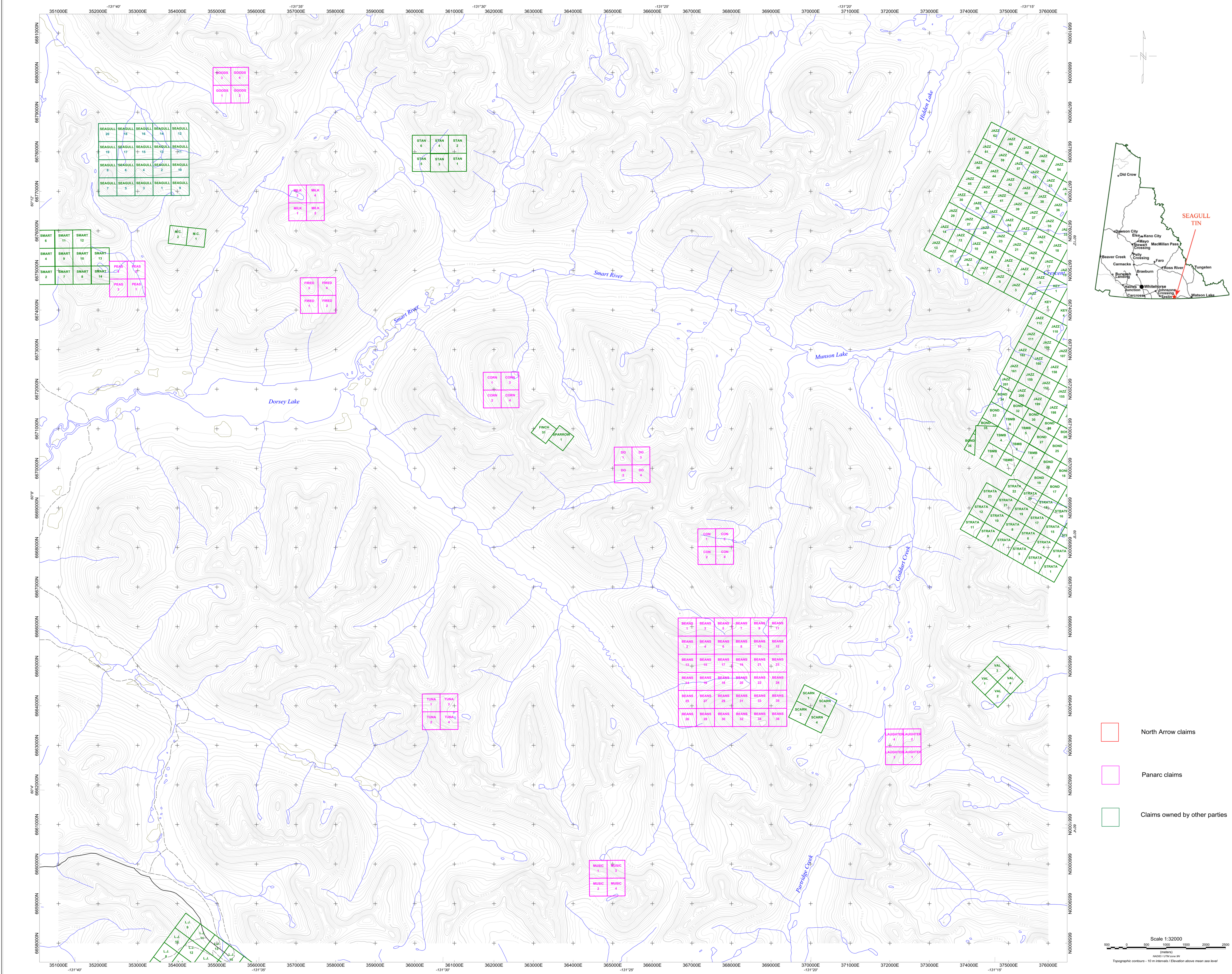
34A Laberge Road.
Whitehorse YT Y1A 5Y9 CANADA

Project: Seagull Tin
Report Date: January 09, 2013

QUALITY CONTROL REPORT WHI12000990.2

		4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	2A Leco	2A Leco
		Dy	Ho	Er	Tm	Yb	Lu	TOT/C	TOT/S
		ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.05	0.02	0.03	0.01	0.05	0.01	0.02	0.02
BLK	Blank	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01		
BLK	Blank	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01		
BLK	Blank	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01		
BLK	Blank	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01		
BLK	Blank	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01		
BLK	Blank	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01		



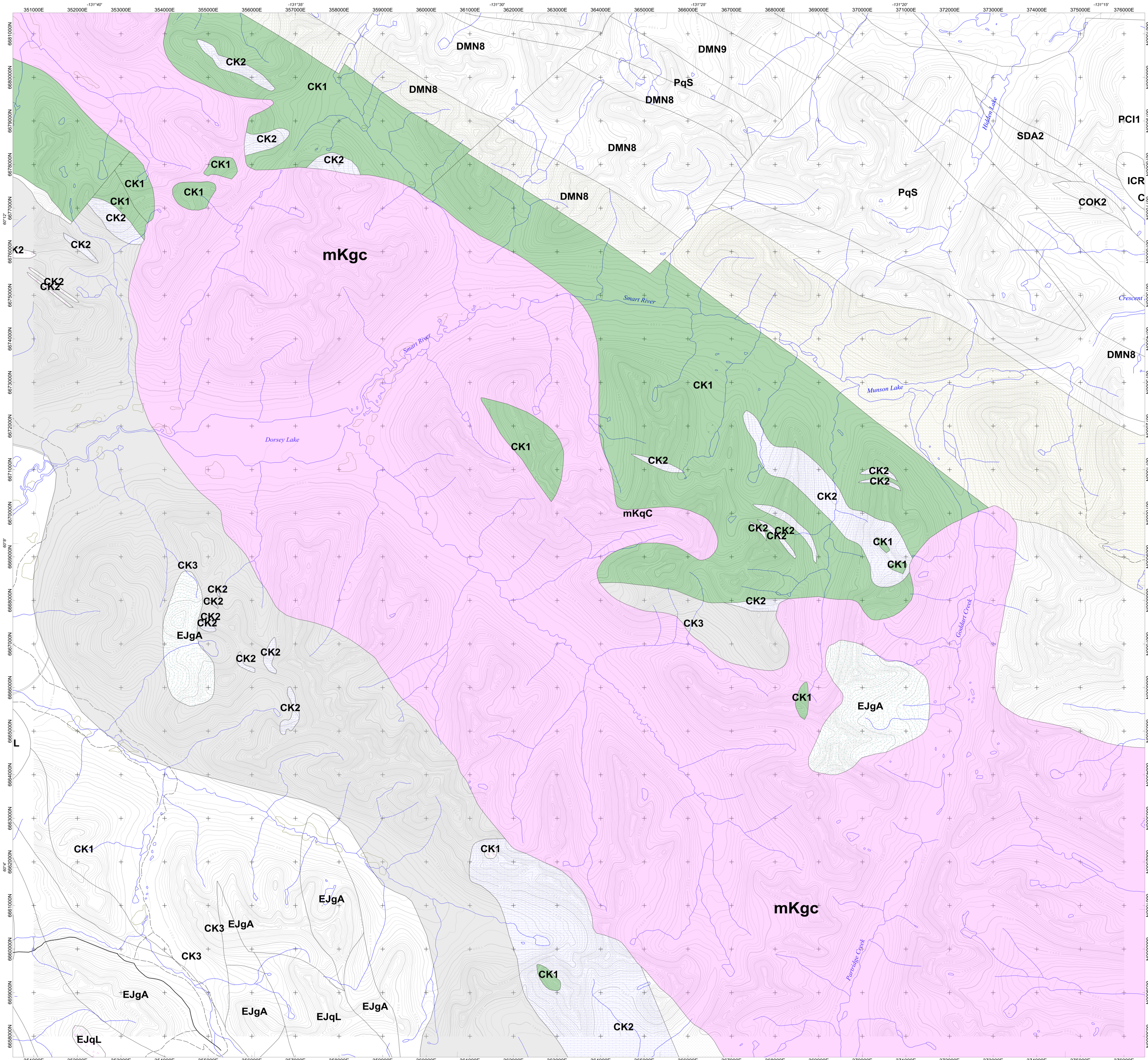
PANARC RESOURCES LTD.

SEAGULL TIN PROJECT
STREAM SEDIMENT GEOCHEMICAL SURVEY
Figure 3. Geology

NTS: 105 B03 / 04
Datum: NAD83
Job: PRL-12570-YT

Mining District: Watson Lake
Projection: UTM Zone 9N
Date: 11 Jan 13

AURORA GEOSCIENCES LTD.



mKgc	Seagull Tin Batholith - Granite, quartz monzonite, granodiorite, locally porphyritic (117-85 Ma)
EJgA	Granodiorite, diorite, monzonite (192 - 185 Ma)
CK3	Shale, argillite, slate and siltstone (353-300 Ma)
CK2	Limestone, dolostone, chert (353 -300 Ma)
CK1	Mafic flows, breccias and tuff (353-300 Ma)

Scale 1:32000

500 0 500 1000 1500 2000 2500

(meters)

NAD83 / UTM zone 9N

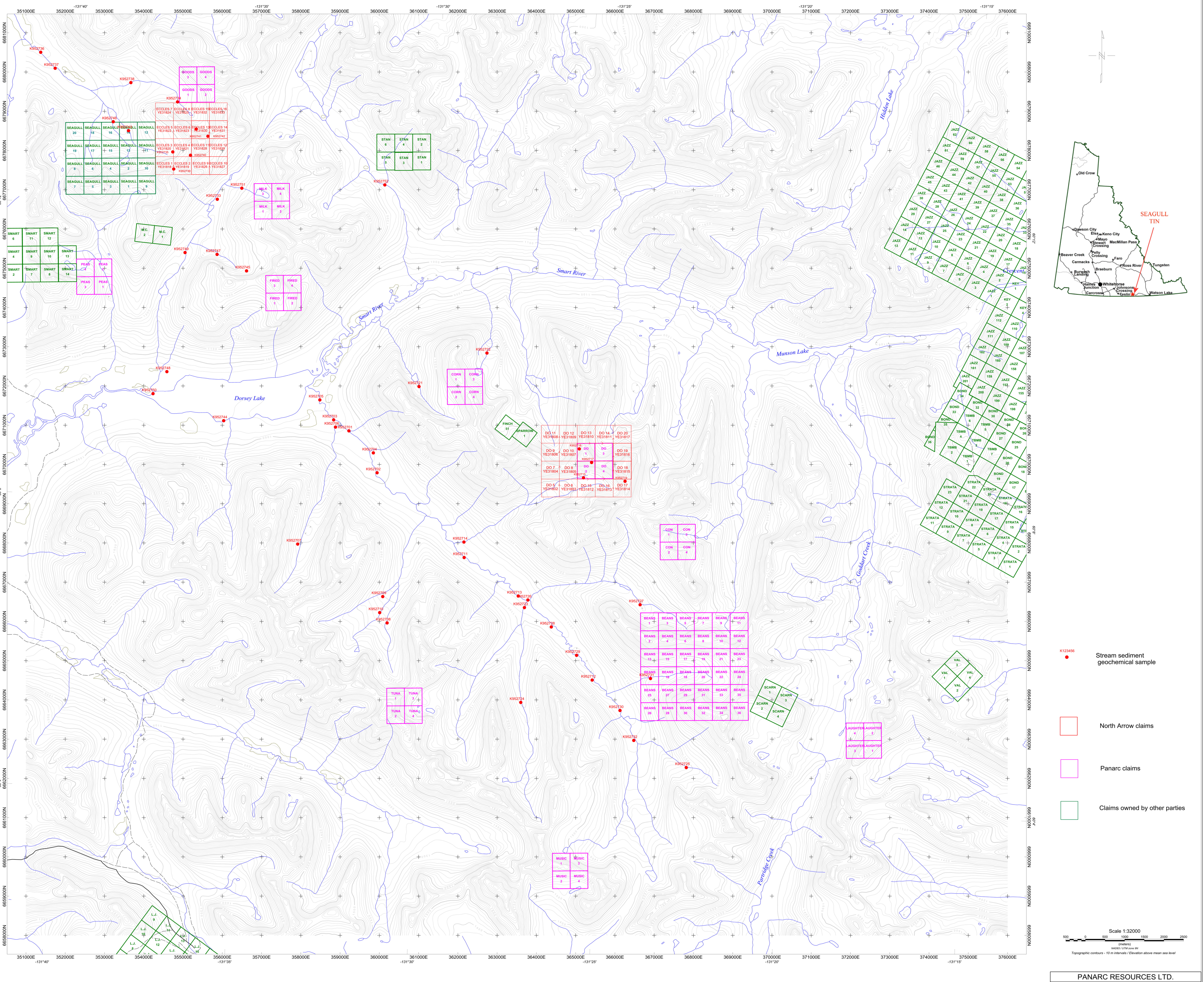
Topographic contours - 10 m intervals / Elevation above mean sea level

PANARC RESOURCES LTD.

SEAGULL TIN PROJECT
STREAM SEDIMENT GEOCHEMICAL SURVEY
Figure 3. Geology

NTS: 105 B03 / 04 | Mining District: Watson Lake
Datum: NAD83 | Projection: UTM Zone 9N
Job: PRL-12570-YT | Date: 11 Jan 13

AURORA GEOSCIENCES LTD.



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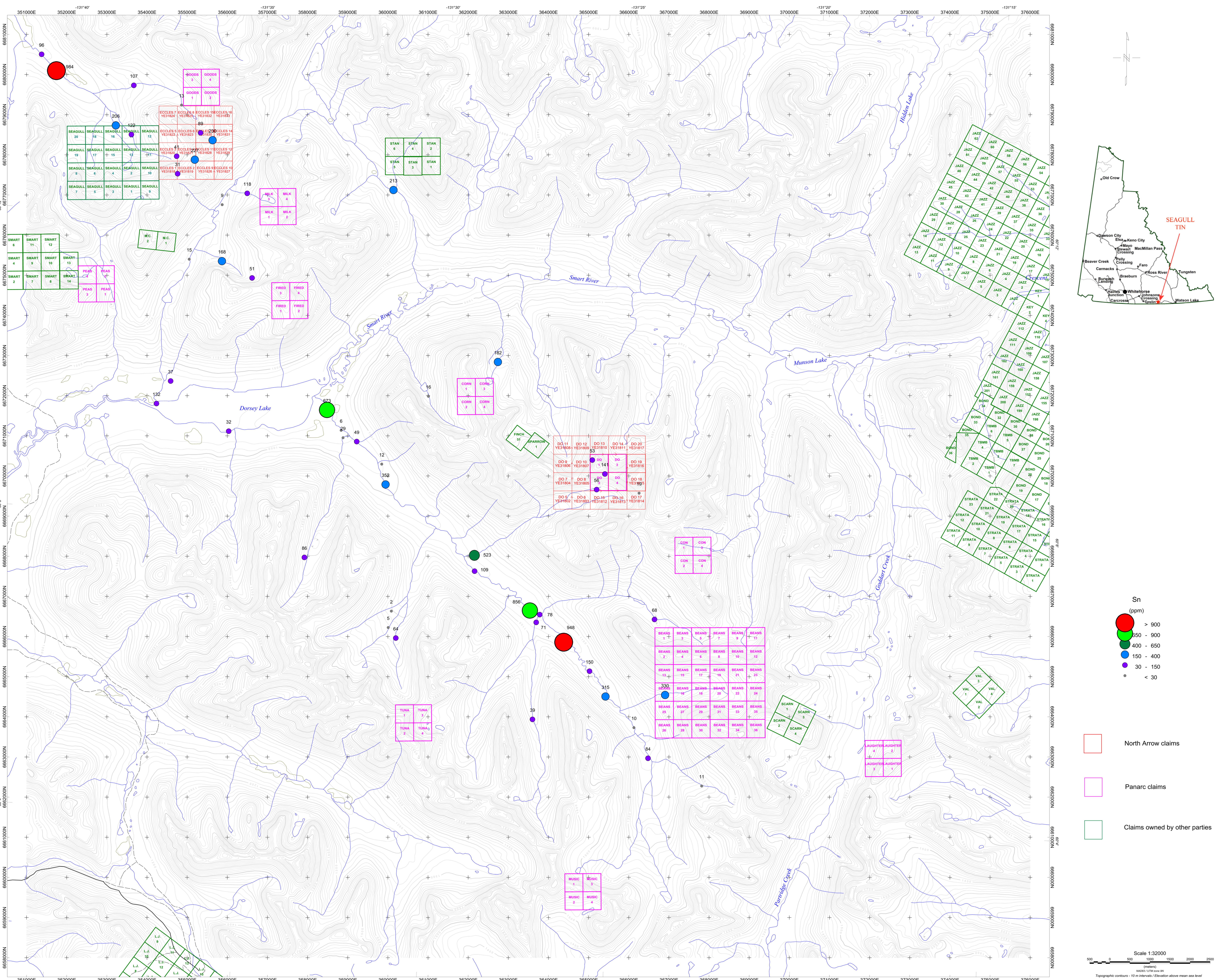
SEAGULL TIN PROJECT
STREAM SEDIMENT GEOCHEMICAL SURVEY
Figure 5. Sample locations

NTS: 105 B03 / 04
Datum: NAD83
Job: PRL-12570-YT

Mining District: Watson Lake
Projection: UTM Zone 9N
Date: 11 Jan 13

AURORA GEOSCIENCES LTD.



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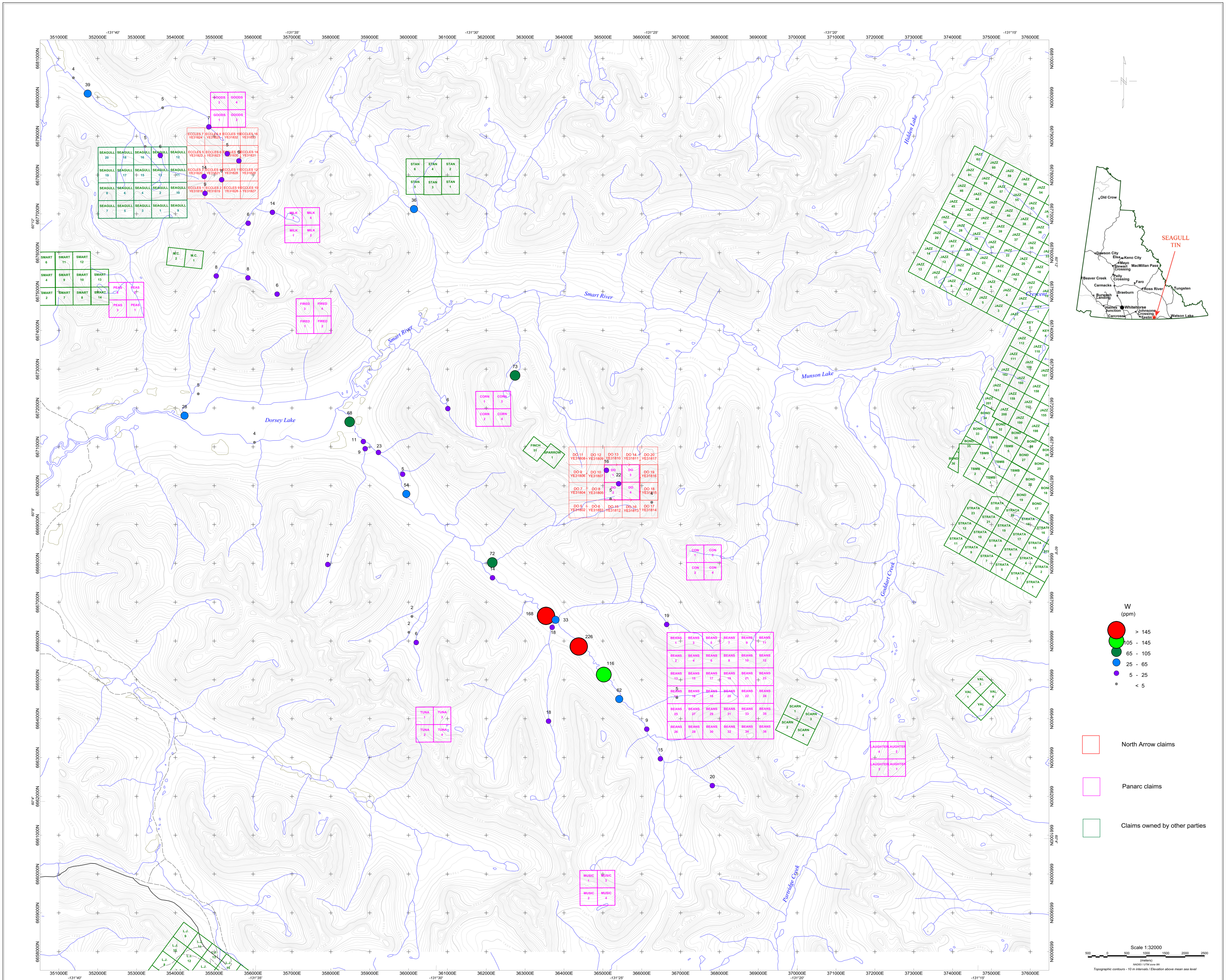
SEAGULL TIN PROJECT
STREAM SEDIMENT GEOCHEMICAL SURVEY
Figure 6. Tin response

NTS: 105 B03 / 04
Datum: NAD83
Job: PRL-12570-YT

Mining District: Watson Lake
Projection: UTM Zone 9N
Date: 11 Jan 13

AURORA GEOSCIENCES LTD.



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SEAGULL TIN PROJECT
STREAM SEDIMENT GEOCHEMICAL SURVEY
Figure 7. Tungsten response

NTS: 105 B03 / 04
Datum: NAD83
Job: PRL-12570-YT

Mining District: Watson Lake
Projection: UTM Zone 9N
Date: 11 Jan 13

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