Mechanical Stripping and Sampling Report of the Cat Key Property: A-Grid and B-Grids Mine Centre, Ontario For NuVision Resources ULC

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1 - Summary

The Cat Key Property was acquired by staking by NuVision Resources ULC for its gold potential however, the area has potential for base-metal and platinum-group metals. The property is located in the Mine Centre area, 60km east of Fort Frances, Ontario. The property is composed of sixteen mining claims, (135 units), covering 21.32 km2, that were staked in 2013 and 2014.

Historical prospecting in the Mine Centre area, since the 1890's, have located several high-grade gold occurences within quartz vein systems, with associated base metal mineralization. Limited mining of these high-grade gold systems, located within the felsic volcanic and volcanics rocks, have produced 25,000 oz. of gold and 3,000 ounces of silver from this camp. These small deposits were found by standard prospecting techniques.

NuVision's main target for exploration is gold mineralization hosted within porous and fractured lithologies, such as brecciated and/or sheared contacts between mafic volcanic and felsic tuff, lapilli tuff and pyroclastic rocks. These lithologies are located over a 10 km long northeast strike trend, on the property, in the Mine Centre area.

Recent studies (2014) by C. Ravnaas, Kenora District Geologist of MNDM, has illustrated that "gold and pyrite mineralization are lithologically and structurally localized along favorable porous and altered lithology, such as at the porous contacts between mafic and felsic rocks such as that found at the Rainy River deposit, Cameron Lake deposit and Eagle deposit in the Kenora Mining District".

Since the early 1990s, a new type of gold model was located in the west portion of the Rainy River – Mine Center Greenstone Belt. This gold mineralization was located by Nuinsco Resources, then developed by Rainy River Resources and is expected to go into production by New Gold in 2015 (104 Mt @ 1.13 gpt Au & 2.8 gpt Ag). This deposit appears to be lithologically controlled within sheared and porous volcaniclastic and chemical sedimentary interbedded rock units such as tuff, lapilli tuff, flows, breccia's, fractured and altered mafic and felsic volcaniclastic rocks. This style of gold mineralization is also found in the gold deposits of the Timmins Gold Camp (OGS, Karvinen, 1980).

A recent NI 43-101 Independent Technical Report of Merit by R. Bernatchez (2014) has shown that "altered and sheared contacts between lithological units in the Mine Centre area appear to host known gold mineralization, especially within the felsic volcaniclastic units, such as interbedded tuff, lapilli tuff and flow top breccia's within the mafic unit such as that found at the Thompson gold occurrence. These lithologically contrasting units are generally less resistant to deformation and are generally more susceptible to shearing and alteration. Such lithology, when subjected to shearing, provides favourable passage ways for mineralizing hydrothermal gold bearing fluids, which was emplaced after the stratabound copper-zinc base metal mineralization. Both styles of mineralization are present on NuVision's Cat Key property".

From May until August of 2014, NuVision Resources ULC conducted geological mapping (1:2000) on the Cat Key Property. Six geological zones were discovered or expanded upon. The two most prominent zones were:

1) Thompson Zone – historical assays up to 2.74 gpt Au in highly sheared and carbonate-chlorite altered mafic volcanics. Mapping greatly expanded this zone to over a 80m width along a 1600m strike-length, with assays up to 1.46 gpt Au.

2) 5420 Zone – a series of trenches (15), over 30m wide and over a 200m strike length, were located at L54E & 20+00 NBL. Sampling of altered felsic volcanics with py-po-cpy-asp mineralization and assay values up to 6.3 gpt Au (over 0.8m chip sample).

In September 6 to October 14 of 2014, a stripping program was performed on six target areas, or eight stripped sections, on the Cat Key Property. The targets areas were:

a) Port Arthur Copper 2 (L72+50E) – an area 115m x 3m was stripped, on the northern boundary of mining patent FF4261 (formerly HP187). This was to assess the gold and base metal potential and to possibly locate a large, east-west trending, quartz vein, previous mapped by Tanton (1934), that is projected to occur on this site on mining claim 4270749. No significant gold assays (over 100 ppb Au) were detected.
b) T-Trench (L54E East Trench / 5420 Zone) – an area 195m x 3m was stripped on mining claim 4266168. This was assess the wide-spread alteration and gold-copper mineralization located in trench 1 (6.3 gpt Au over 0.8m) and trench 12 (0.28 gpt Au, 10.9 gpt Ag, 0.41% Cu), over a >180m across strike.
c) Shaft Trench (L54E West Trench / 5420 Zone) – an area 85m x 2.5m was stripped on mining claim 4266168; 40m west of the T-Trench. This was to test the alteration and gold mineration located in trench 3 (2.81 gpt Au), aka the Shaft and trench 4 (2.56 gpt Au).
d) Bush Rat Trench (L60E) – an area 160m x 3m was stripped on mining claim 4266168. This was to test the alteration and gold mineralization located in the Bush Rat Trench (0.66 gpt Au).
e) Thompson Porphyry(L38+50E) – an “cross-shaped” area 120m x 5m and 40m x 6m was stripped on mining claim 4266167. This was to test the alteration and gold mineralization located in the Thompson Trail Trench (1.46 gpt Au).
f) Quartz Zone (L35E) – an area 8m x 1m was manually cleaned and channel sampled for gold mineralization but only weak base metal assays (0.02% Cu) were achieved.
g) Gabbro Zone (L22E) – an area 70m x 3m was stripped on mining claim 4266161. This was to test the north half of a layered gabbro intrusion for Cu-Ni-PGE mineralization. No significant Cu-Ni (over 500 ppb Au) or PGE’s (over 100 ppb) has been detected to date.
h) Gabbro Zone (L20E) – an area 60m x 3m was stripped on mining claim 4266161. This was to test the south half of a layered gabbro intrusion for Cu-Ni-PGE mineralization. No significant Cu-Ni (over 500 ppb Au) or PGE’s (over 100 ppb) has been detected to date.

2 - Introduction

This report presents and summarizes the results of a stripping and sampling program, carried out from September 6 to October 14, on the A-Grid and B-Grids of the Cat Key Property. The program was undertaken by NuVision Resources ULC, near Mine Center, located 56 km east of Fort Frances, Ontario.

This stripping and sampling program was conducted over five weeks and consisted of:

1) This author (Allen Raoul, PGeo.), in conjunction with NuVision management, outlined eight areas to strip on the Cat Key Property. These were physically outlined by flagging tape, by this author.
2) Nor-Ed Geophysics (Norman and Quinton Burkholder) of Mine Center were hired to strip and power wash these areas to allow mapping and channel sampling by NuVision personnel.
3) Mr. William Bone, Senior Prospector of Fort Frances, and Mr. Steven Tucker, Jr. Geological Assistant and resident of Couchiching First Nations, were hired by NuVision Resources ULC to channel cut and sample the eight areas (aka Sampling Crew).
4) Mapping and sampling of the eight areas, was by the Sampling Crew with Allen Raoul. Channel samples were approximately 2.5-4.0 cm wide by 7.5 cm deep by 150 cm long or as long as this author deemed necessary. This was based upon lithological contacts.
5) These samples were labelled on both sides of the sample bag (10 kg capacity) and a water-proof sample tag included. Samples averaged 5.0 kg, when a 1.5m long sample taken.
6) These samples were placed in rice bags, in groups of five samples, and shipped by Courtesy Courier of Fort Frances. These samples were weighed and sent collect to Actlabs in Thunder Bay, within a 1-2 day time period.
7) Actlabs completed Au and 31 Element ICP (Induced Couple Plasma) on all the samples taken. Assays that exceeded the detection limits, such as 3.00 gpt Au for Fire Assay or 10,000 ppm Zn for ICP, were re-assayed using another methodology, with higher detection limits.
8) This author, Allen Raoul of Fort Frances, was hired to produce the Stripping Report on the Cat Key Property of Mine Centre.

This author would like to thank Mr. Ray Bernatchez (PEng), Chief Geologist for NuVision Resources ULC or his geological advice and Mr. Max Reiter, Project Manager, for his guidance during this project.

3A – First Nation Consultations

NuVision Resources ULC has met the necessary requirement in consulting with the First Nations in the Fort Frances region to date. First Nation contact is as follows:

Table 1: Aboriginal Consultation with NuVision Resources Inc. (2014, 2015)

NuVision Resources ULC - First Nation Consultation			
From	**To**	**Date**	**Event / Contact**
Max Reiter, Project Manager, NuVision Res.	7 local First Nations Communities	18-Jan-14	Letter of Introduction from himself to the 7 first nations provided by the Fort Frances Chiefs Secretariat.
Alex Bruyere, Fort Frances Chiefs Secretariat	Max Reiter, Project Man., NuVision Res.	30-Jan-14	Invite for NuVision to attend the March 18 Aboriginal Mining Informational Session at the FF Sportsplex, Fort Frances on March 18/14.
Allen Raoul, PGeo, NuVision Res.	Alex Bruyere, Fort Frances Chiefs Secret,	30-Jan-14	Accepted the invite the same day of arrival. Allen prepared a 1 page (2 sided) handout of the history of the Cat Key Property for general distribution & a power point presentation (paper form) on the Geology of the Cat Key Property for each first nations supposed to attend.
Max Reiter, Project Manager, NuVision Res.	Tyrone Tenniscoe Seine River FN	07-Mar-14	Max replying to Tyrone email about meeting & discussions with him at the Fort Frances Aboriginal Informational Session on March 18.
Max Reiter & Allen Raoul NuVision Res.		18-Mar-14	Aboriginal Mining Informational Session at the FF Sportsplex - gave out over 50 handouts and 7 power point presentations. Discussion with over 50 FN & Metis people about our property and job futures. Negative feedback from Tyrone Tenniscoe (Seine River FN) about not getting the line cutting contact. According to Mr. Reiter, line cutting bid letters were sent to Couchiching FN, Red Gut FN and Seine River FN (the closest locations) and only Couchiching FN prepared a bid and got it.
Max Reiter & Allen Raoul NuVision Res.	Ron Allen Red Gut FN	19-Mar-14	Max sent a email to Ron about their phone discussion of adding Red Gut FN to their potential future employment.
Max Reiter NuVision Res	Allen Yerxa Couchiching FN	21-Mar-14	email reply to Allen about possible job opportunities in the future.
Tyrone Tenniscoe Seine River FN	Max Reiter, Project Man. NuVision Res	26-Mar-15	email to Max about setting up meeting with himself & Chief Kline in Minneapolis in mid April. Unknown this time due to scheduling.
Allen Raoul NuVision Res	Mrs. Caroline Jourdain Couchiching FN	11-Apr-14	Allen contracted to teach 2 day line-cutting and staking course to 18 residents of Couchiching First Nations. Fifteen members has full attendance and passed (April 11 - 12).
Tyrone Tenniscoe Seine River FN	Max Reiter, Project Man NuVision Res	14-Apr-14	Letter from Tyrone to Max about work opportunities with NuVision. Tyrone has contacted Richard about using some of their members for the Permit (ref: Permit PR-14-10517).
Richard Levesque KBL Outdoor Exploration Fort Frances		April - July 2014	Completed over 100km of line-cutting on the Cat Key Property, using 4-8 members of the Couchiching FN; all had taken the training course above. Two members of Seine River were supposed to participate but did not show up for work.
Tyrone Tenniscoe Seine River FN	Max Reiter, Project Man, NuVision Res	Apr 25 & Apr. 28	Tyrone contacting Max about meeting Chief Klyne. Max informed him he would be in Mine Centre from May 1st (for 2 weeks) and would be happy to meet with him.
Richard Levesque KBL Outdoor Exploration Fort Frances		July - Aug 2014	Completed over 100km of soil sampling (SGH) on the Cat Key Property, using 4 members of the Couchiching FN. Two members of Seine River were supposed to participate but did not show up for work.

Allen Raoul NuVision Res		Sept 6 - Oct 9	Hired Mr. Steven Tucker (Couchiching FN) to work with Chief Prospector Bill Bone for 5 week stripping & channelling program on the Cat Key.
Allen Raoul NuVision Res	Alex Bruyere, Fort Frances Chiefs Secret.	20-Oct	Allen confirmed fieldtrip for next day and meeting at the junction of Hwy 11 & Turtle River Road.
Max Reiter & Allen Raoul & Ray Bernatchez NuVision Res	Tour of property	21-Oct-15	Fieldtrip of NuVision Property for Mr. Alex Bruyere (FF Chiefs Secretariat), Ron Allen (Red Gut FN), Cameron Allen (Red Gut FN) and Tyrone Tenniscoe (Seine River FN). Allen gave out 5 page handout of work completed to present, tour of 2 of the stripping areas and visit to the drill site (in progress); 3 hrs long. Note: Cameron got hired on by Mallette drilling for the next >3 weeks as drillers helper.
Max Reiter NuVision Res	Alex Bruyere, Fort Frances Chiefs Secret	07-Jan-15	Max regular calls Alex every 6-8 weeks to discuss any possible issues in any of the First Nation Communities or to participate in any information sessions. Discussed the presence of Couchiching reps at PDAC. Max told them we have a booth (on March 1-2) in core shack and we (Allen & Ray) would be happy to go over everything to date. Allen will contact the week before to confirm their attendance - will have updated handout for them.
Max Reiter NuVision Res.	Alex Bruyere, Fort Frances Chiefs Secret.	05-Feb-15	NuVision has accepted to attend the 2nd Annual Fort Frances Aboriginal Information Session in Fort Frances on March 25/15.

3B – Consultation with Ontario Geological Survey

Met representatives from the Ministry of Northern Development and Mines, including the Kenora District Geologist (Mr. Craig Ravnaas), and we shared our exploration plans with their offices at the Fort Frances Aboriginal Informational Session on March 18.

Mr. Ravnaas has completed 2 property visits to the Cat Key to evaluate the geology, stripping and drilling on the Cat Key Project. Continuing discussions with Mr. Ravnaas about the property geology has been very useful to this author and NuVision management team.

4- Claims and Location

The following 16 mining claims (21.32 km^2) cover the Cat Key Property in Mine Centre, Ontario. These claims have been staked for NuVision Resources Inc. A list of claims can be seen in table 2 and a claim map can be seen in figure 1.

Table 2: Claims of NuVision Resources Inc. (modified after Claims Map III, Oct.07, 2014)

KENORA Mining Division - 412100 - NUVISION RESOURCES ULC								
Township / Area	**Claim Number**	**Recording Date**	**Claim Due Date**	**Percent Option**	**Work Required**	**Total Applied**	**Total Reserve**	**Claim Bank**
BAD VERMILION LAKE AREA	4266162	2013-Nov-28	2015-Nov-28	100%	$5,200	$0	$0	$0
BAD VERMILION LAKE AREA	4266164	2013-Nov-28	2015-Nov-28	100%	$6,400	$0	$0	$0
BAD VERMILION LAKE AREA	4266165	2013-Nov-28	2015-Nov-28	100%	$1,600	$0	$0	$0
BAD VERMILION LAKE AREA	4266167	2013-Nov-28	2015-Nov-28	100%	$2,400	$0	$0	$0
LITTLE TURTLE LAKE AREA	1152533	2014-Sep-10	2016-Sep-10	100%	$4,400	$0	$0	$0
LITTLE TURTLE LAKE AREA	1152534	2014-Sep-10	2016-Sep-10	100%	$1,600	$0	$0	$0
LITTLE TURTLE LAKE AREA	1152535	2014-Sep-10	2016-Sep-10	100%	$1,200	$0	$0	$0
LITTLE TURTLE LAKE AREA	1152536	2014-Sep-10	2016-Sep-10	100%	$800	$0	$0	$0
LITTLE TURTLE LAKE AREA	1152537	2014-Sep-10	2016-Sep-10	100%	$1,600	$0	$0	$0
LITTLE TURTLE LAKE AREA	4266161	2013-Nov-28	2015-Nov-28	100%	$6,400	$0	$0	$0
LITTLE TURTLE LAKE AREA	4266163	2013-Nov-28	2015-Nov-28	100%	$1,600	$0	$0	$0
LITTLE TURTLE LAKE AREA	4266166	2013-Nov-28	2015-Nov-28	100%	$6,000	$0	$0	$0
LITTLE TURTLE LAKE AREA	4266168	2013-Nov-28	2015-Nov-28	100%	$2,000	$0	$0	$0
LITTLE TURTLE LAKE AREA	4270747	2014-Mar-10	2016-Mar-10	100%	$1,600	$0	$0	$0
LITTLE TURTLE LAKE AREA	4270748	2014-Mar-10	2016-Mar-10	100%	$6,000	$0	$0	$0
LITTLE TURTLE LAKE AREA	4270749	2014-Mar-10	2016-Mar-10	100%	$5,200	$0	$0	$0
Total					**$54,000**			

The property is located 56 km east of Fort Frances along Highway 11 / 71, which bisects the property in an east-west direction. The Barber Road, Turtle River Road, Olive Road and several secondary bush roads running in a north-south direction on the property.

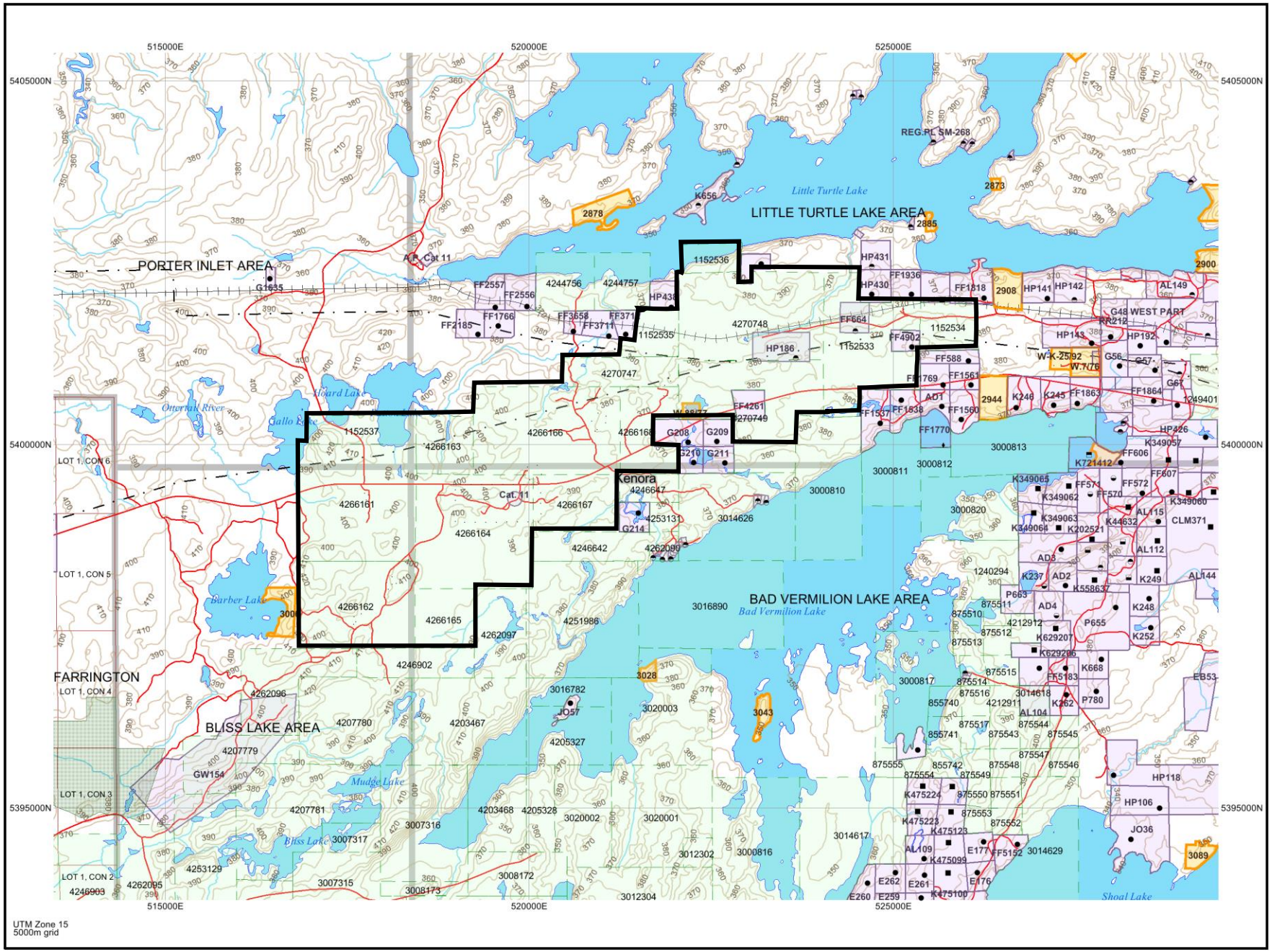


Figure 1: Claims of NuVision Resources Inc. (modified after Claims Map III, Oct. 07, 2014)

5 - History

The following table represents data recovered from the Kenora OGS assessment files, OGS Google Earth assessment files and other OGS publications and papers. Another source of information was an NI 43-101 Independent Technical Report of Merit by R. Bernatchez (2014).

Table 3: History of the Cat Key Property, Mine Centre, Ontario
References: Kenora Assessment Files – KAF, OGS Earth – OE, Toronto Work # - TOR

Company and Date	Work	Description	Reference
Sylvanite Gold Mines Ltd 1940	Geological	Geology Report by Burke on the Headlight property on south shores of Little Turtle Lake. A 32m shaft (with cross drifts) was sunk on qtz-brg shear at volcanic – granite and 2 bulk samples taken from vein one. 20T bulk sample (1929) – 26.52 gpt Au from 0.45m wide section (selective) 15T bulk sample (1935) – 24.96 gpt Au From 0.90m wide section (selective) Vein 1 – 3.99 gpt Au over 0.76m Vein 2 – 1.25 gpt Au over 0.30m Vein 3 - 2.50 gpt Au over 0.34m	KAF 52C15SE E-1
Young & Menzies 1948-1951	DD	11 DD on the FF4261 (Port Arthur Copper), just east of the NuVision Claims. Holes 1-5 (98m) by Corrigan (1948) yielded no sulphide or gold zones. Holes 1-6 (440m) by Menzies (1951) yielded several shear zones (2-30m) of qtz-carb schist or qtz-chl schist but no assays.	OE 52C16SW0032
Stratmat Ltd 1956	Geological	Geological mapping at 1":400 in and around the Port Arthur Copper deposit with drill hole locations.	KAF 52C15SE K-1
Stratmat Ltd 1956	LC, Prosp, Geol, Mag	McLeod Report described program of Line-cutting, prospecting geological mapping and a magnetometer survey, NE of the Stellar gold mine shaft. Mapping located NE trending mafic - felsic metavolcanic rock sequences with shearing, alteration and minor Py-Sph-Gal. Mag survey showed NE (070^{o}) striking magnetic trends, paralleling lithology. No assays were reported.	KAF 52C15SE K-2
Young 1956	1 DD	Drilled hole E10, ~600m NE of PAC, and intersected: 10.61m of semi-massive to disseminated Py + Sph-Gal in Sericite Schist 5.79m of disseminated Py + Sph-Gal in Sericite-Chlorite Schist (ended hole in unit). No assays given.	KAF 52C15SE L-1
Satellite Metal Mines 1963	3 DD	Drilled 3 holes (320m) in Mine Center area. Hole S-7 drilled west of patent G208 and intersected 0.3m of 0.31 gpt Au & 4.35 gpt Ag in andesite with Py – Gal.	KAF 52C15SE J-1

		Hole S-8 drilled north of patent G209 but no significant assays. Hole S-9 drilled 100m east of S-8 and hit 0.2m of 0.16 gpt Au in QV and 1.8m of 0.16 gpt Au in QV.	
Ronda Copper Mines Ltd 1966	Prospectus	Summary report for the company – 20 claims surrounding the Port Arthur Copper area (but excluding PAC). 450m from PAC – 0.6m zone in Hwy 11 yielded 3 sample average of 43.3 gpt Ag, 0.45% Cu, 2.89% Pb and 7.63% Zn in sheared andesite.	KAF 52C15SE I-1
Noranda Expl 1969-1970	3 DD	3 DDH on claim 4266164. These holes intersected andesite, basalt, and chlorite and biotite schist with Py-Po-Cpy-Sph-Mgt with quartz stringers. Best assay: Hole 2-70 of 1.8m with 0.2% Cu, 0.52% Zn and 0.05% Pb.	R. Bernatchez 2014
Noranda Expl 1970	DD	Barber Lake Base Metal - 3 drill holes east of Barber Lake (345m): Hole 1-70: 2.25m of minor Po-Py +/- Cpy in Chloritized Andesite/ Basalt Hole 1-69: 2.10m Py-Sph +/- Cpy in Chl. Schist Hole 444-2: 4.92m of 0.49% Zn with tr Cpy-Gal	KAF 52C10NE J-1
M. Hickerson 1972	Stripping	Completed 104 days of manual stripping and trenching on the two claims, west of patent HP143 and south of hydro-line. No detailed map or assays provided.	KAF 52C15SE F-1
Ken Carlson 1975	Stripping	Barber Lake Gold – stripping (13m^2) and two small trenches along strike	KAF 52C10NW A-1
Ray Pitkanen 1974	Stripping	Stellar Area – stripped three sites (9m^2, 4.5m^2 & 4.5m^2) along strike of veins.	KAF 52C10NE M-1
Ed-Vic Expl 1975	Tr & Str	Stellar No.2 Vein (MEAP) – stripped area (5m^2) and small pit on NE extension of No.2 vein but no assays.	KAF 52C10NE Z-1
Stellar Gold (Huber & Assoc). 1975	Inspection	Examine the Rainbow Vein / No.2 (Stellar) by PEng G. Ennis. Sketch map of claims with veins, positive review and historical reports from 1934.	KAF 52C10NE Q-1
Huber 1976	Tr. & Str.	Barber Lake Gold (MEAP) – 8 trenches with stripping, sampling but no assays.	OE 52C10NW1009
J. Hodge 1977	DD	3 DD (342m) near the gravel pit, NE of the Barber Lake base metal, with location sketches but no assays Hole 59 – sample 85-100' & 170-173' Hole 60 – sample 155-164', 280-297' and 337-343' Hole 61 – 177-180'	KAF 52C10NE CC-1 OE 52C10NE0497
Ed-Vic Expl 1977	Tr & Str	Stellar No.2 Vein – stripping and trenching near No.2 vein. Stripped 285m^2 and 10 trenches – 0.6-0.9m wide x 3-12m long x 0.6-	KAF 52C10NE Z-2

		0.9m deep. No assays. No.1 Vein – 0.45m wide x 75m long No.2 Vein – 0.76m wide x 180m long	
Ed-Vic 1977	Str, Samp	Thompson Showing - Ed-Vic Exploration carried out a stripping program, exposing quartz-carbonate veins with Py. Four grab samples averaged 0.8 opt Au (or 26.24 gpt Au).	R. Bernatchez 2014
Ed-Vic Expl 1978	2 DD	Stellar - 2 holes (106m) at Stellar Gold but no assays: #1 – 6m section of 2-15% qtz stringers #2 – granite	KAF 52C10NE Z-3
Ed-Vic Expl 1978	Mag, EM	Geophysics (Mag & EM) on Stellar property by Spanex Resources. Located contacts and NNW fault. Maps included.	KAF 52C10NE Z-4 TOR 2.88800
Ed-Vic Expl 1978	Geology Assays	Geological Report by Park Bowdidge Mineral Exploration Consultants. 3 sets of qtz veins (sugary qtz +/- ank–py) found on Stellar Area: 1st set – strike ENE-WSW, deeply dipping and parallel to host rock & schistosity 2nd set – sub-horizontal and contain narrow stringers 3rd set – strike N to NNW, steeply dipping, narrows stringers. Sampling showed many, widespread gold values, over 3 gpt, on the property. A large map showing the features and sampling on the Stellar property at 1:2500.	KAF 52C10NE Z-5
Ed-Vic Expl 1979	Str., Tr. & Samp	Prospecting the Thompson Group (Hwy 11) with 4 samples taken. 15 areas were stripped and 11 trenches blasted to reveal >30m wide quartz + pyrite stockwork by 200m long in greenstone. Two samples ran from 3.42 – 5.60 gpt Au but no mapping completed.	OE 52C10NE0077
Ray Pitkanen 1980	Tr & Str	Blank page – possible error from MNDM Sudbury	KAF 52C10NE M-2
R. McMillan 1981	DD	Drilled hole 1 on the south shore of Little Turtle lake testing 2 qtz veins, near shaft. Intersected 15 – 95m of greenstone with quartz and stringers of Po-Py-Aspy. No assays given.	KAF 52C15SE T-1
R. McMillan 1981	Stripping	Completed 84 days of stripping on the south shore of Little turtle Lake and adjoin claims to southeast. No detailed map or assays	KAF 52C15SE T-2
Ray Pitkanen 1982	Stripping & Trenching	Barber Lake Gold – stripping (4m2) along vein and two small pits (<1m^2) & 1 trench (5m^2)	KAF 52C10NW O-2 KAF 52C15SE S-5
Ray Pitkanen 1982	Stripping & Trenching	Pitkanen Showings – completed stripping & trenching (356 days) on 2 areas: East of FF4902–5 stripped area,4 trenches West of FF4902-5 stripped area,3 trenches No assays shown	KAF 52C15SE S-4

Ray Pitkanen 1982	Stripping & Trenching	OMEP 82-3-P133: Pitkanen Showings – East of FF4902– expanded to 8 trenches and trench 6 grab sample yielded 1.56 gpt Au, 585 gpt Ag and 4.93% Pb. On patent 588 – 5 areas stripped & 4 trenches in shear & minor sulphide but no assaying (BL2). On patent 1749 – 2 other areas stripped -BL3 with trenches 13 to 17 in rusty shears but low sulphides so no assays -BL4 with trenches 18-27 but no assays. On west side of FF4902 – shaft put down in 0.9m sulfide but assayed only 0.12 gpt Au.	OE 52C15SE0020
Steep Rock Iron 1983	Mag & EM	Patton – Barber Lake property: EM – 6 NE trending conductors and 7 weaker conductors Mag – NE trending rock, mag high of mafic intrusive +/- iron oxide or iron sulphides, mag low of felsic units (volcanic or intrusives).	KAF 52C15SE Y-1 (KAF 52C10NW S-1) TOR 2.55430 OE 52L15SE8272 (misprint 52C15SE)
Steep Rock Iron 1983	Mag & EM	Mine Centre West (Barber Lake Gold) – Phantom complete ground Mag & EM on the property. Six anomalies on NE grid and seven anomalies on SW grid.	KAF 52C15SE Y-2 (KAF 52C10NW S-2) TOR 2.60830 OE 52C15SE0018 (OE 52L15SE8272)
Homestake 1983	Mapping, Geochem	Geological & geochem mapping of the Olive Property but, it does included NuVision claims north of Hwy 11. The focus of the geology report is on the historic Olive Mine but a good property history is given on all the claims. A second geological report on the optioned West Block (west of Barber Lake) & East Block (around Port Arthur Cu) is included but not on NuVision Property. Report on tailings & dump sample of Olive Mine.	KAF 52C15SE BB-1 OE 52C15SE0011
Homestake 1983	AMag & AEM	Airborne Magnetic & Electromagnetic survey by Kenting Earth Science Ltd. Focused on the Olive Mine but did cover the NuVision claims, north of Hwy 11. The lithological boundary of the Bad Vermilion anorthosite is shown plus several large structural features, esp. on the AEM.	OE 52C15SE0017
Central Crude Ltd 1983	Geological, Geophysical	Mapping along the western shore of Bad Vermilion Lake, including Stellar. Chip sampling yielded 0.15-247.56 gpt Au over 0.91m from shaft area (5 samples). Small bulk samples (23kg) ran 0.93 – 3.48 gpt Au from shaft dump; approx. 200 tons sampled at 2.18 gpt Au (rep). Mag & EM surveys located contacts of anorthosite – trondhjemite boundaries. Mapping at 1:2000 produced 2 large colored maps with distinct geological borders.	KAF 52C10NE OO-3 TOR 2.74240
Central Crude Ltd 1984	6 DD (199m)	Drilling the Rainbow Vein (Stellar) is exposed for 18m long at 083^{o}/86^{o}N and plunges 50^{o} east	KAF 52C10NE OO-2

		St02- 0.15m of 13.38 gpt Au, 8.7 gpt Ag, 0.29% Zn, 0.82% Pb.	
R. McMillan 1984	Stripping & Trenching	Completed 40 days of stripping & trenching on the south shore of Little turtle Lake and adjoin claims to southeast. No detailed map or assays	KAF 52C15SE T-3
Minnova 1985	DD	2 DD (662m) located 2km NE of Lochart Lk (or 6km south of Nu Vision). This unit represents the high grade sulphide zones. SB10 – 17m of semi-massive Po-Py-Mgt +/- Cpy-Sph of altered volcanics SB11 – altered volcanics	KAF 52C10NW Y-1
Homestake Expl 1985	Mapping	Report on recon mapping / tour around the Barber Lake area. Sampling yielded values up to 16.70 gpt Au over 0.82m in silicified shear zone from an old pit	KAF 52C10NW X-1 TOR 2.86060\ OE 52C10NW1004
Homestake Expl 1985	Geochem	Soil sampling for chemical anomalies for Au near the Olive Property. Nearest test results are nearly 2km north of NuVision Property – no testing on the current property.	KAF 52C15SE BB-6
Falconbridge 1985	Map, DD	Drill Report on 1 hole (236m) on Lochart Lake hit 7.5m of 0.33% Zn with other small zones (<1m). This data shows high sulphide zones can be traced along strike. Mapping at 1:5000 shows Bad Vermilion west to Barber Lake with geology, zones & drill holes.	KAF 52C10NW W-7
Minnova 1987	DD	10 DD (1764m) on west end of Bliss Lake along sulphide horizon (see 52C10NW Y-1 for claim map). ML02- 8.1m of 30-80% Py-Po-Mgt-Cpy-Sph ML-03- no heavy sulphides but brecciated & silicified zones with Po-Py-Cpy Could not locate the remaining holes.	KAF 52C10NW Y-2 OE 52C10NW1005
Minnova 1987	DD	According to OGS Earth, located 5 DD (1305m) on the Barber Lake and East Barber Lake base metal horizons. However, no large claim map can confirm these drill locations (possible Lochart Lake?). Located many stringer zones of 5-20% Py-Po +/- Cpy-Sph in altered mafic volcanics and silicified zones	OE 52C10NW1042
Minnova 1987	DD	According to OGS Earth, located 6 DD (1494m), some plot north of Thompson Occurrence on Hwy 11. However, the claim map is difficult to read. ML06- localized stringer Py-Po ML07- breccia zone with 5-10% Po-Py These four may be west of Bliss Lake: HS05- 1.60m massive Py-Mgt-Po HS06- several 0.10m Py-Po-Mgt beds plus 0.1m beds of Py-Ser stringers HS07- 4.80m Exhalite with Py +/- Sph and 1.7m chert zones with Py-Po-Sph and 10.0m silicified mafic unit with >10% Py-Po-Mgt	OE 52C15SE1008

		HS08- 3.4m of Py-Ser unit, alt. rhy. with stringers / shears of qtz-py-cpy-sph, 1.6m unit of 10% Py,	
HSK Minerals 1987	1 DD	Hole H-87-11 ran 122m, on the NE corner of the NuVision Property (Noront ?) . It intersected several potential zones: -14m & 1.7m Qtz fracture zones + sulphide, - 5m of siliceous felsic tuff, - 2.6m deformed iron formation + Qtz-Py but no assays given.	OE 52C15SE00016
Noront Resources 1987	1 DD	Hole 87-11, on the NE corner of the NuVision property, intersected weak gold (0.03 gpt) and 0.19% Cu over 4.3 m.	R. Bernatchez 2014
Minnova 1989	1 DD	HS-09 (282m) – was drilled 1km east of PAC & just north of Hwy 11. The hole intersected sheared gabbro or sheared felsic volcanics with stringer sulphides. Best assay was 0.2% Zn over 3m.	OE 52C15SE00009
Thompson & Bolen 1989	Mag – EM	A Mag-EM survey was conducted on the six claims. Six weak HEM conductors were located, south of the Port Arthur Copper (PAC).	KAF 52C10NE CCC-1
Thompson & Bolen 1990	8 DD	OPAP 1990 – 8 short holes (324m) were drilled to intersect the HEM conductors. Off the NuVision property.	KAF 52C10NE CCC-2 TOR 2.12080
Thompson & Bolen 1990	4 DD	Bolen-Thompson Property – four holes were drilled. Best result was Hole BM90-9 (~523340E, 5399614N), 1km SSE of PAC. The hole intersected sheared and altered gabbro with 3.08m of 1.44% Cu, 2.74 gpt Au and 0.98 gpt Ag.	KAF 52C15SE JJ-4 OE 52C15SE0005
Mingold 1990	Geochem	Regional till sampling from Rowan Lake to Shebandowan by Mingold. See pg. 22-28 for Mine Centre summary as (table 6): 214 samples taken with average gold grain count of 2.7 (moderate-high) with 98% under 0.03mm. Three samples had gold above 0.5mm. Mean gold count is 730 ppb Au – 3x compared to Shebandowan & Atikokan.	OE 52F04NE9650
Ray Pitkanen 1990	Blasting & Stripping	Stellar - 4 small, blast pits (>5m^3) were made and cleaned out along strike from the main shaft	KAF 52C10NE M-5
Ray Pitkanen 1991-92	Sampling	Stellar Area Sampling trenches 2-5 yielded six values of 1.18 - 27.13 gpt Au @ 0.2-0.5m from trenches and stripping.	KAF 52C10NE M-6 TOR 2.14510 OE 52C10NE0098
Ray Pitkanen 1992	Mapping, Stripping & Sampling	OPAP 1991 – Stellar Area Prospecting Report with several good sketches showing geology and stripping with assays.	KAF 52C10NE M-7 TOR 2.19428
W. Ross 1993-94	Stripping Trenching	Stellar Area Dec 16-sample 5 - 2.27 gpt Au & 0.39% Zn	KAF 52C10NE A-1 TOR 2.14950

		Dec 16-sample 6 - 1.74 gpt Au Dec 10-sample 4 - 1.50 gpt Au Dec 10-sample 1 – 6.18 gpt Au	
W. Ross 1992		OPAP - Same data as from KAF 52C10NE A-1	KAF 52C10NE A-2
King Bay Gold 2001	Prospect, Tr & Str	Prospecting and sampling NE of the Stellar by Pitkanen family. Report shows large stripped area (322m^2) with NE veining & breccia zone, All 3 assays show values 9.58 – 68.19 gpt Au over 1m chip samples.	KAF 52C10NE III-1 TOR 2.21355
Ray Pitkanen 2004	Surveying	Re-cutting lines on claim 1161464	KAF 52C10NE M-8 TOR 2.27508
Ray Pitkanen 2004	Assay	Stellar No. 2 – sampling the stripped area, 100m SW of No.2, but no good values (> 100 ppb Au).	KAF 52C10NE M-9 TOR 2.29123
Sedex Mining 2008	AEM & AMag	Geotech Ltd completed a AEM & AMag survey on the Mine Centre property. Several EM and Mag anomalies were identified.	KAF 52C10NE NNN-1 TOR 2.39121 OE 20004920 (OE 20000003233)
Sedex Mining 2008	Stripping, Prosp & Sample	Northern Mineral Exploration Services stripped 2 areas along the Thompson Gold. It located a 230o trending ankerite-calcite-chlorite shear zone with qtz-brg ladder veins, along a mafic- felsic contact. Best assay was 2.74 gpt Au over 1.0m.	KAF 52C10NE NNN-2 TOR 2.41622 OE 20006272 (OE 20000004191)
Sedex Mining 2008	Prospecting	Prospector D. Healey hired to locate and prospect two separate areas: 1. An E-W trending sulphide zone was found just south of Highway 11 within a chlorite schist (mafic volcanics) with 10-20% Py + trace Cpy. This horizon appears to be on strike to the Port Arthur Copper. 2. Two shafts were located (by patent FF4902) and have an E-W trending, 1-3m sulphide zone (10-30% Py +/- Cpy) in chlorite schist. Samples for both taken but assays un-available for either showing.	KAF 15C15SE TT-1 OE 20005364
Ray Bernatchez NuVision Res. ULC 2014	NI43-101 Independent Report of Merit	Summary Report has shown that “altered and sheared contacts between lithological units in the Mine Centre area appear to host known gold mineralization.	Unpublished Report
Allen Raoul NuVision Res. ULC 2014	Geological Mapping	Mapping the A-grid and B-grid at 1:2000 with six significant zones located. Assays up to 6.3 gpt Au over 0.8m.	Unpublished Report
Pierre Simoneau GeoSig. Inc 2014	Geophysics Report	Ground Magnetic and VLF-EM on the Cat Key Property with 41 anomalies with coincident magnetic highs and lows.	Unpublished Report
Dale Sutherland Actlabs 2014	Report A014-04580	Completed Blue Lines for SGH Survey with 22 anomalies.	Unpublished Report
Dale Sutherland Actlabs 2014	Report A014-05889	Completed Red Lines for SGH Survey with 22 anomalies.	Unpublished Report

ODM and OGS Data Sources			
OGS 1975	Property Visit	Barber Lake Gold Occurrence Sampling by prospectors ran 20.53 gpt Au (chip) however OGS sampling ran 0.62 gpt Au, 3.1 gpt Ag & 0.03% Cu over 1.52m.	Property Visit May 14, 1975
OGS 1977	Property Visit	Barber Lake Base Metal Occurrence Core sampling from hole 59 (G. Armstrong) ran 3.80m of 4.10% Zn, 0.10% Cu and 4.4 gpt Ag.	Property Visit July 6, 1977 Beard
OGS 1977	Property Visit	Stellar Gold Mine Examine 2 drill sites but core moved off site (to Fort Frances). Hole 2 showed bull quartz with heavy mineralization of Gal-Py-Cpy; associated with trench 1. No assays.	Property Visit Dec. 21, 1977 Beard & Rivett
B. Schneiders OFR 5539 OGS 1980	Property Visit	McMillan – 1m wide quartz-carbonate vein, traced 50m, at 276°/86°N in sheared mafic volcanic. Best assay was 0.62 gpt Au in qtz - brg volcanics with ser-chl alteration.	Property Visit July 30, 1980 B. Schneiders & R. Dutka
OGS 1987	Property Visit Files	Headlight Bay (300m S of patent FF4902) – part of Minnova Assessment file – drill hole HS-08 (43 -167m) interested altered felsic volcanics with ser-chl alteration and stringer zones (<2m) of up to 3% Py +/- Cpy – Sph but no assays.	KAF 52C10NW Y-2
K.H. Poulsen OGS 2000	Mapping, Mag-EM, DD & Str-Tr	#17 – Ronda-Satellite Prospect – several, narrow, Py-Cpy bearing zones located at felsic –mafic contact. Best assays were 7.36% Zn, 2.89% Pb, 0.30% Cu and 43 gpt Ag from grab sampling.	See MDC 29, pg.42
K.H. Poulsen OGS 2000	Mapping, geophysical surveys, 30 DD	#42 – Stang Prospect – Py +/- Po-Cpy in 1m talc-chlorite-carbonate shear zone but traced over 450m. No assays available.	See MDC 29, pg.61-62
K.H. Poulsen OGS 2000	2 Shafts, Mag-EM, 2 DD	#43 – Stellar Mine – 5 significant veins: #1 vein – 240°/70°NW @ 0.76m wide with assays up to 9.33 gpt Au #2 vein – 265°/steep N @ 1.17m with assays of 3.73 – 93.30 gpt Au #4 vein – 240°/V @ 0.46m with gold. Un-named vein – 245o/V @ 0.73m with assays of 9.33 gpt Au. #6 vein – 330°/shallow E @ 0.91m & 0.15m with 3% Cu & 4.67 gpt Au	See MDC 29, pg.62
K.H. Poulsen OGS 2000	Trenching	#68 – Thompson – quartz-ankerite +/- py veins at 310° and four averaged 2.49 gpt Au in carbonate-pyritic bearing trondhjemite	See MDC 29, pg.71-72
K.H. Poulsen OGS 2000	3 DD	#69 – Noranda Barber Lake – two Py-Po +/- Sph-Cpy-Gal zones at felsic-mafic contact. Best assay was 4.6m of 0.49% Zn, 0.07% Cu and 0.06% Pb.	See MDC 29, pg.72
K.H. Poulsen OGS 2000	3 DD	#70 – Barber Lake Base Metal – drilling tested EM conducted at mafic-felsic contact.	See MDC 29, pg.72

		Best assay was 3.8m of 2.06% Zn, 0.11% Cu and 4.35 gpt Ag.	
K.H. Poulsen OGS 2000	Pits & Trench	#71 – Barber Lake Gold – NW striking quartz-py-cpy veins at intermediate to felsic contact. Best assay was 0.31m of 36.70 gpt Au.	See MDC 29, pg.72
Kenora OGS 2005		Stellar Southwest No.2 Vein - Au 521240E, 5398481N See KAF 52C10NE Q-1	MDI52C10NE00042
Kenora OGS 2005		Stellar Southwest No.1 Vein - Au 522018E, 5398540N Best assay: 9.33 gpt Au over 0.75m See KAF 52C10NE Q-1	MDI52C10NE00041
Kenora OGS 2005		Stellar – Au, Ag 521819E, 5398730N See OFR 5539, p.480-482	MDI52C10NE00051
Kenora OGS 2005		Stellar North – Au 521645E, 5399117N Best assay: 4.07 gpt Au over 0.15m See KAF 52C10NE Q-1 See KAF 52C10NE OO-3	MDI52C10NE00026
Kenora OGS 2005		Thompson – Au 520459E, 5399440N See OFR 5512, No.68	MDI52C10NE00016
Kenora OGS 2005		Barber Lake – Cu, Zn, Au, Ag, Pb 518901E, 5398762N 1969-70 – 3 DD but no values 1977 - 3 DD with best 4.1% Zn, 0.11% Cu and 0.14% Ag (misprint?). 1987 – 3 DD with cpy-sph-py-po +/- gal but no values See OFR 5512, No.70	MDI52C10NE00059
Kenora OGS 2005		East Barber Lake – Cu, Zn 518866E, 5398344N DD with up to 3% Sph & 2% Cpy See KAF 52C10NW Y-2	MDI52C10NW00036
Kenora OGS 2005		Bliss Lake North – Au 516705E, 5396279N Best assay: 36.70 gpt Au over 0.30m See KAF 52C10NW O-1	MDI52C10NW00019

6 - Regional Geology

The following section on regional geology is from a recent NI 43-101 Independent Technical Report of Merit **(**Bernatchez, 2014) by NuVision Resources ULC, on the Cat-Key Property. Secondary information sources for this report were Ontario Geological Survey's Geological Report 266 (Poulsen, 2000) and Mineral Deposit Circular 29 (Poulsen, 2000).

The Metavolcanic rocks of the Mine Centre-Fort Frances Area are located in the southern portion of the Archean Superior Province. The Mine Centre-Fort Frances metavolcanic belt is located in a fault-bounded wedge between 2 sub-provinces, the Wabigoon granite-greenstone terrane to the north and the Quetico metasedimentary terrane to the south. The Quetico and Rainy River Faults define this dextral wrench zone which displays distinctive stratigraphic, structural and metamorphic relationships.

The southern portion of the Wabigoon sub-province is composed of a complex sequence of granite-greenstone terrane such as the Rainy Lake and Irene-Eltrut Lake complexes composed of gneissic domes, central batholiths and marginal crescentic granitoid intrusions. These large complex gneisses and smaller domes have been interpreted as 1st and 2nd order gneissic diapers and are thought to be produced by gravitational, solid state remobilization of tabular batholiths and supracrustal rocks. The supracrustal rocks now occupy the margins of the gneissic and granitic domes.

Supracrustal metavolcanic and metasedimentary rocks dominates the Mine Center area and consists of metabasalt flows with local accumulations of flows, pyroclastic rocks and epiclastic rocks of intermediate to felsic composition. The metasedimentary rocks consisting of conglomerate, wacke, mudstone and iron formation form units within the volcanic sequences. Numerous stocks, commonly of quartz monzonite intrude both the metavolcanic and metasedimentary supracrustal rocks. The rocks of the Wabigoon sub-province have been metamorphosed to the green-schist and amphibolite stage. Late Proterozoic mafic diabase dykes intrudes the above rocks in the Mine Center area.

The structure of the Quetico Subprovince contrasts with that of the Wabigoon Subprovince. It is characterized by a consistent strike of metasedimentary units subparallel to the Rainy River –Seine River Fault. Near the northern edge boundary, a low-grade metasedimentary rock of the Quetico Subprovince dips steeply and displays 3 discrete cleavage sets. An early set is subparallel to the east-trending bedding but has a more northerly strike, whereas a second set with an even more northeasterly, makes a moderate angle with the bedding. A late set includes crenulation cleavage and kink bands which strike northwesterly and deflects the earlier cleavages as well as bedding. The strata commonly display well-developed graded bedding, and younging directions that, despite some reversals, are dominantly northward.

The rocks of the Mine Center area have been mapped by several individuals. For the purpose of this report the author has used extensively the OGS's 2000 Report, Mineral Deposits Circular # 29, "Geological Setting of Mineralization in the Mine Centre-Fort Frances Area" by K.H. Poulsen.
The metavolcanic rocks of the Mine Center area are bounded by the Quetico Fault Zone at its north boundary and by the Rainy Lake-Seine River Fault at its south boundary. The Mine Center-Fort Frances metavolcanic rocks extend west southwesterly into the state of Minnesota and North Dakota, U.S.A., and eastward to Shebandowan, ON. The above two noted fault systems have been interpreted as major wrench faults. These major wrench faults bound a wedge of crust that is structurally discordant from both sub-provinces, but because of a gross similarity, is generally considered to be part of the Wabigoon sub-province. Thus, the Mine Center metavolcanic rocks have been considered to form part of the Wabigoon sub-province.

Representatives of all major rock types of Archean terrane, mafic to felsic metavolcanic rocks, wackes and mudstone, conglomerates and arenites, layered gabbroic intrusions, tonalitic intrusions, and granodiorite-quartz monzonite are juxtaposed here. In addition to the lithological diversity, a wide variety of mineral deposit types is present.

Supracrustal metavolcanic and metasedimentary rocks occupy the margins of the gneissic domes, with the largest stratigraphic thicknesses preserved between the 2 1first-order structures, namely the Quetico

Fault at the north edge of the belt and the Seine River Fault at its southern edge. The metavolcanic rock types dominate and consist of metabasalt flows with local accumulations of flows, pyroclastic rocks and epiclastic rocks such as conglomerated, wacke, mudstone and iron formation form units within the volcanic sequences. Numerous stocks, commonly of quartz monzonite, intrude both metavolcanic and metasedimentary supracrustal rocks.

Wabigoon Subprovince supracrustal rocks are metamorphosed to assemblage's characteristic of the greenschist and amphibolite facies (Ayers, 1978). The highest metamorphic grades occur adjacent to the first-order structures.

With the exception of a few northeasterly striking Proterozoic diabase dikes, most of the Wabigoon Subprovince rocks in the Atikokan-Fort Frances area are of Archean age (2700 to 2400 MA). The oldest ages reflect widespread igneous activity, whereas successively younger ages are likely the results of metamorphism, metasomatism and crustal uplift.

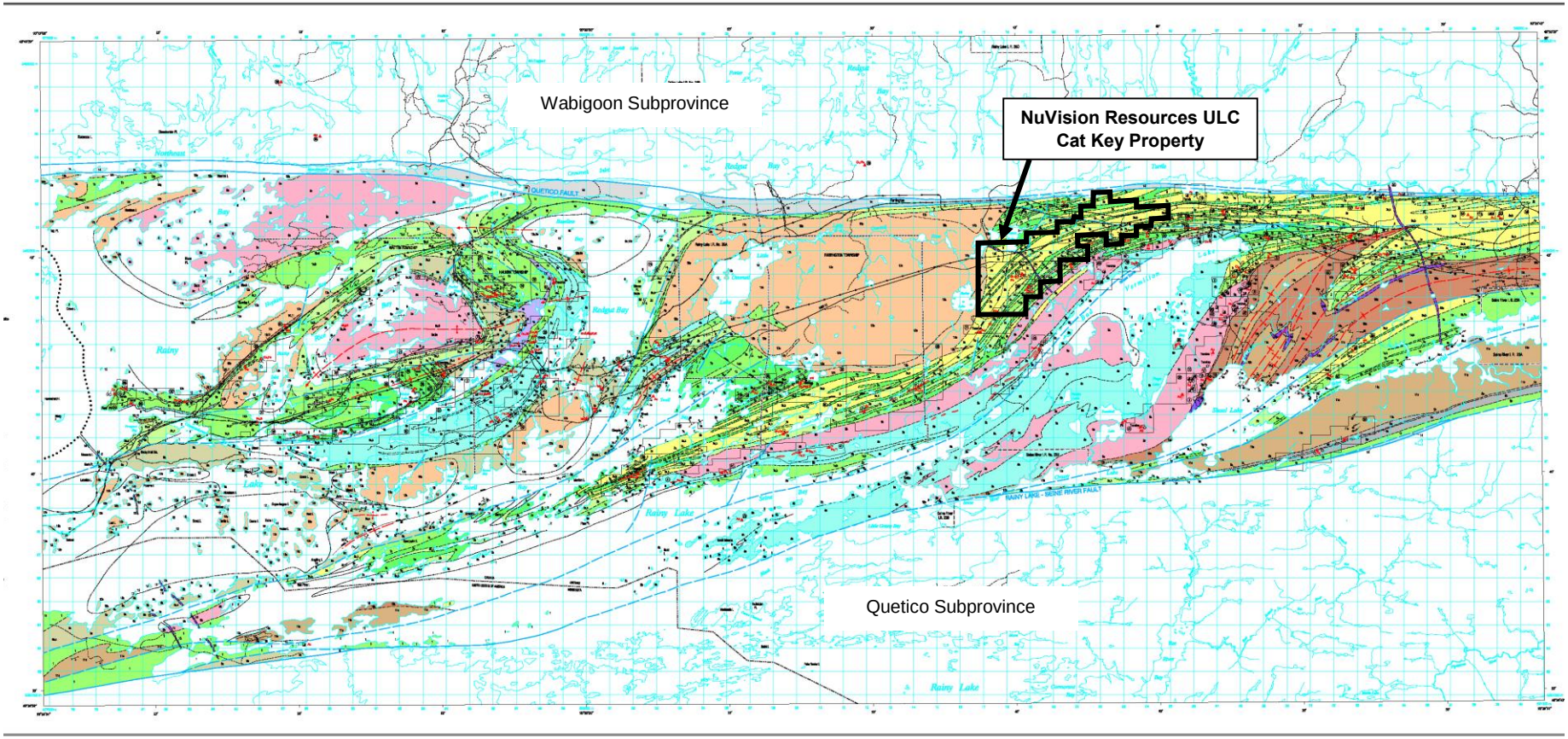


Figure 2 – Regional Geology of Cat Key Property, NuVision Resources ULC (modified after Poulsen, 2000)

7 - Property Geology

Parts of this section has been modified from Bernatchez (2014). The Mine Center metavolcanic belt consists of bimodal mafic, intermediate and felsic volcanic rocks, clastic and chemical sedimentary rocks intruded by several ages of mafic and felsic intrusions.

The general rock types found in the Mine Center area and on the Cat-Key property consists of bi-modal mafic to felsic volcanic rocks, dominantly massive and minor pyroclastic flows, with lesser units of interbedded tuff, lapilli tuff and chemical and sedimentary rocks. These rocks have been intruded by ultramafic, mafic, intermediate and felsic intrusive rocks.

The East-West and northeast striking Mine Center Meta-Volcanic Belt is bonded to the north by the East-West Quetico Fault, located at its northern margin of the metavolcanic belt. Along its southern margin, it is bounded the east-northeast striking Seine Bay-Rainy River Fault Zone. These two major orogenic events and possibly other subsequent events have played an important role in the preparing rock features for localizing gold mineralization within lithologically controlled sheared, carbonitized and silicified in rocks within the Mine Center area.

The following simplified geological legend was derived by Bernatchez (2014) and represents the stratigraphy of the Mine Centre metavolcanic, metasedimentary, and mafic and felsic intrusive rocks. Not all of the units have been located on our Cat Key Property and this author has modified several of the units. They are represented stratigraphically, from youngest to oldest.

Unit 14 Fault Rocks (Quetico)
Unit 13 Dike Rocks (Diabase)
Unit 12 Un-metamorphosed Granitoids (Ottertail and others)
- a) Granite
- b) Felsic Dikes (Kspar Porphyry – Felsite)
- c) Aplite

Unit 9 Metamorphosed Granitoids (Bad Vermillion?)
Unit 8 Metamorphosed Gabbroic Rocks
Unit 7 Course Grained Mafic Intrusives (Layered)
- a) Fine Gabbro
- b) Medium Gabbro
- c) Coarse Gabbro
- d) Pegmatite Gabbro
- e) Silica Altered Gabbro
- f) Sheared Gabbro

Unit 3 Felsic MetaVolcanics Rocks (and Metamorphosed Equivalents)
- a1) Felsic Flows (Rhyolite)
- a2) Felsic Tuffs (Rhyolite)
- b) Sheared / Altered Felsic Flows +/- tuffs
- c) Chert units +/- Magnetite
- d) Felsic Gneiss

Unit 2 Intermediate MetaVolcanics Rocks
- a) Intermediate Flows (Dacite to Andesite) +/- tuffs
- b) Sheared / Altered intermediate Flows +/- tuffs

Unit 1 Mafic MetaVolcanics Rocks

a) Mafic and Pyroclastic Flows (Basalt) +/- tuffs
b) Sheared / Altered Mafic Flows +/- tuffs
c) Mafic Breccia to Amphibolite

Based upon the 2014 mapping by this author and discussions with Mr. Ray Bernatchez, the detailed descriptions of the lithological units of the Cat Key Property are as follows:

Unit 14 – Fault Rocks

Based upon this author's past experience with unit, it was not recognized on the property during the mapping program. They are typically Cataclastites to Mylonite units and are easily recognizable.

Unit 13 – Dike Rocks (Diabase)

This mafic intrusive unit is medium to coarse grained, pyroxene – plagioclase bearing, massive, mafic unit with blocky fracture, trace – 1% Py and moderately magnetic (3-4% Mgt). These are northwest trending across the stratigraphy and are the youngest lithological unit. This unit was only located in 3 or 4 outcrops, north of Hwy 11 and by the Turtle River Road.

Unit 12 - Felsic Intrusives

a) Granite
This granite is fine to medium grained, pink to light grey, composed of orthoclase – plagioclase – quartz +/- hornblende bearing, massive unit with trace Py and rare quartz veins. Most typically of the western boundary of the property, aka the Ottertail Granite Intrusion. These were similar to the 1km wide granite, located west of Bad Vermilion Lake (aka Bad Vermilion Granite).
b) Felsic Dikes (Kspar Porphyry – Felsite)
This porphyry unit of consists of 5-30% course (>1cm) orthoclase crystals in a fine to medium grained, equigranular matrix of grey, plagioclase-orthoclase-quartz-biotite. May contain trace Py and trace-5% calcite or quartz veins. These were located on the west boundary, near the Ottertail Granite Intrusion.
This felsite unit consists of medium grained, matrix of plagioclase-orthoclase-quartz-biotite dike rock with trace – 3% Py. These were located of the western boundary of the Bad Vermilion Granite.
c) Aplite
This felsic rock consists of fine-grained, pink unit of feldspar – quartz with a sugary appearance in these thin (<2m), dike rocks. May contain trace – 1% Py and have associated quartz veins; both are filling fracture zones. Found at the Ottertail and Bad Vermilion Granite boundaries, up to 1km.

Unit 7 – Mafic Intrusives

Previous mapping by Poulsen and others did not identify that this unit can be representative of a 80 – 120m thick, layered gabbro sill. Starting off in the south, a fine-grained gabbro is located at the lower contact of the sill due to heat loss and faster cooling of the unit. As you proceed northward, an increase in grain size due to slower crystal settling until a course or possibly a pegmatite gabbro phase is reached. This is usually covered with a fine to medium grained unit at the upper contact with the country rock; this grain size reduction is due to heat loss during the cooling of the sill.

The magnetic signature of the sill decreases as you proceed stratigraphically up the lithology, into courser-grained phases; this is due to magnetite deposition in the lower units and reducing the overall magnetite content in the magma. These layered sills can be seen 300m east of Turtle River Road, along Hwy 11.

a) Fine Gabbro
This fine gabbro is fine grained (<0.2cm), dark grey to spotted, massive gabbro of pyroxene – amphibole – plagioclase, can have 0-2% quartz eyes; grey or blue (if any strain). Can contain 0-5% magnetite, 0-1% py and rare quartz veins.

b) Medium Gabbro
This medium gabbro is medium grained (~0.5cm), dark grey to spotted, massive gabbro of pyroxene – amphibole – plagioclase, can have 0-2% quartz eyes; grey or blue (if any strain). Can contain <3% magnetite, 0-1% py and rare quartz veins.

c) Coarse Gabbro
This coarse gabbro is coarse grained (~1cm), spotted black & white, massive gabbro of amphibole – pyroxene – plagioclase, can have 0-2% quartz eyes; grey or blue (if any strain). Can contain <2% magnetite and <2% Po-Py-Cpy.

d) Pegmatite Gabbro
This pegmatite gabbro is very coarse to pegmatite grained (~2cm), spotted white & black, massive gabbro of plagioclase- amphibole – pyroxene, can have <1% quartz eyes; grey or blue (if any strain). Can contain <2% magnetite and <4% Po-Py-Cpy.

e) Silicified Gabbro
This silica altered gabbro is fine to medium grained, light gray, siliceous gabbro with over 20-50% grey bleached zones of silica (aka quartz) and 1-5% Py-Po +/- Cpy. This is not representative of the layered gabbro sill however, this unit can be represent if a silica source and a fracture system is available.

f) Sheared Gabbro
This sheared gabbro is fine to medium grained, grey to black, biotite–amphibole – plagioclase, with moderate to strong shearing parallel to the regional trends; at 060^{o} in A-Grid or 090^{o} in B-grid. Can contain 0-20% calcite alteration, <1% magnetite, rare – 5% quartz veins and tr-5% Po-Py-Cpy. These sheared units are common in any of the gabbro units, layered and non-layered, if they are intersected by a structure feature such as shear or fracture system.

Unit 3 - Felsic Volcanics and Metamorphosed Equivalents

a) Felsic Flows (Rhyolite) +/- Tuffs

a1) The Felsic Flows (rhyolite) are dominantly, fine grained, light grey to black, siliceous unit with concoidal fracture, possible weak flow banding, weathers buff and contain 5-20% quartz eyes; grey and blue (if under strain). These flows can have <10% chlorite alteration; green chlorite if magnesium rich or black chlorite if iron rich. This chlorite composition will affect the color of the rock. Sulphide content is typically trace – 0.5% fine pyrite. These units comprised over 50% of the entire property.

a2) The Felsic Tuffs to Lapilli Tuffs (rhyolite) made up less than 10% of the felsic volcanics and are localized in specific areas. These tuffs are fine to medium grained, light grey, weakly bedded, siliceous unit and contain 10-20% quartz eyes; grey and blue (if under strain). These tuffs can have <5% sericite alteration and typically contain trace – 0.5% fine pyrite. These units are localized and can be found in the East Trench of the Thompson Showing (L40E, 17+50N).

b) Sheared / Altered Felsic Flows +/- Tuffs
These rocks are similar to unit 3a. They are dominantly, fine grained, dark grey to green to brown, felsic flow with shearing parallel to the regional trends; at 060^{o} in A-Grid or 090^{o} in B-grid. Common alteration is 5-20% sericite, chlorite, calcite or later ankerite alteration. These are widespread in most of the regional shearing and are concentrated at the L54E Trenches (L54E, 20+00N).

c) Chert (with Magnetite)
These rocks are fine to medium grained, light grey, possibly recrystallized, weakly bedded, cherty to siliceous unit with 0-5% magnetite. Limited exposure of this unit, along cliff face, on L2E 21+80N.

d) Felsic Gneiss
These rocks are similar to unit 3a felsic flows. They are fine grained, light grey to pale pink, weakly to moderately foliated (appears as flow banding) with possible 5% augens of quartz or orthoclase. Can have thin, siliceous bands (<2m) with tr-5% Py and possible 1-5% quartz or calcite veins. Common of the felsic unit within 1km of the Ottertail Granite Intrusion, west of the Turtle River Road, and have a foliation of 360o-330o due to metamorphism by the Ottertail.

Unit 2 - Intermediate Volcanics

a) Intermediate Flows (Dacite to Andesite) +/- tuffs
The rocks are dominantly, fine to medium grained, light to medium grey, possible plagioclase phyric (up to 20%), massive dacite to andesite flows in composition. They can have 1-5% quartz eyes; either grey or blue if under strain. These flows can have 0-5% chlorite or biotite alteration associated with regional metamorphism and trace – 0.5% fine pyrite. Minor units, under 10%, of intermediate tuff can be present but tend to be thin units; under 20m thick. This unit can be located along Hwy 11, east of the Port Arthur Copper deposit.

b) Sheared / Altered intermediate Flows +/- tuffs
These rocks are similar to unit 2a. They are dominantly, fine grained, dark grey, dacite (to andesite), with shearing parallel to the regional trends; at 060^{o} in A-Grid or 090^{o} in B-grid. Common alteration is >20% biotite - chlorite – calcite or later stage ankerite alteration. This unit one of the host units of the Port Arthur Copper deposit and has been to trace to the L84E East Boundary Sulphide showing

Unit 1 - Mafic Volcanics

a) Mafic and Pyroclastic Flows (Basalt) +/- tuffs

The rocks are dominantly, fine to medium grained, dark grey, massive basalt with minor andesite units. These flows can have <5% chlorite alteration associated with regional metamorphism and trace – 0.5% fine pyrite. Minor units, under 10%, of mafic tuff can be present but tend to be thin units; under 5m thick. Minor units, under 5%, of mafic pyroclastic rocks can be present but localized. These units are normally very dominant in most greenstone belts, but only a few units located during mapping.

b) Sheared / Altered Mafic Flows +/- tuffs

These rocks are similar to unit 1a. They are dominantly, fine grained, green to green-brown, basalt with shearing parallel to the regional trends; at 060^{o} in A-Grid or 090^{o} in B-grid. Common alteration is >20% chlorite – calcite or later stage ankerite alteration. This has been located in the footwall of the Port Arthur Copper deposit stratigraphy.

c) Mafic Breccia to Amphibolite

These rocks are dominantly, fine grained, dark grey to black, basalt with strong fracturing and brecciation of the unit and may have granite dikes as matrix material between the fractures. These granitic dikes can metamorphose the basalt to amphibolite grade. Calcite or quartz alteration / veining is common between the fractures. These breccia zones, with amphibolite, are located at the contact zone of the Ottertail Granite Intrusion, 300m west of the Turtle River Road.

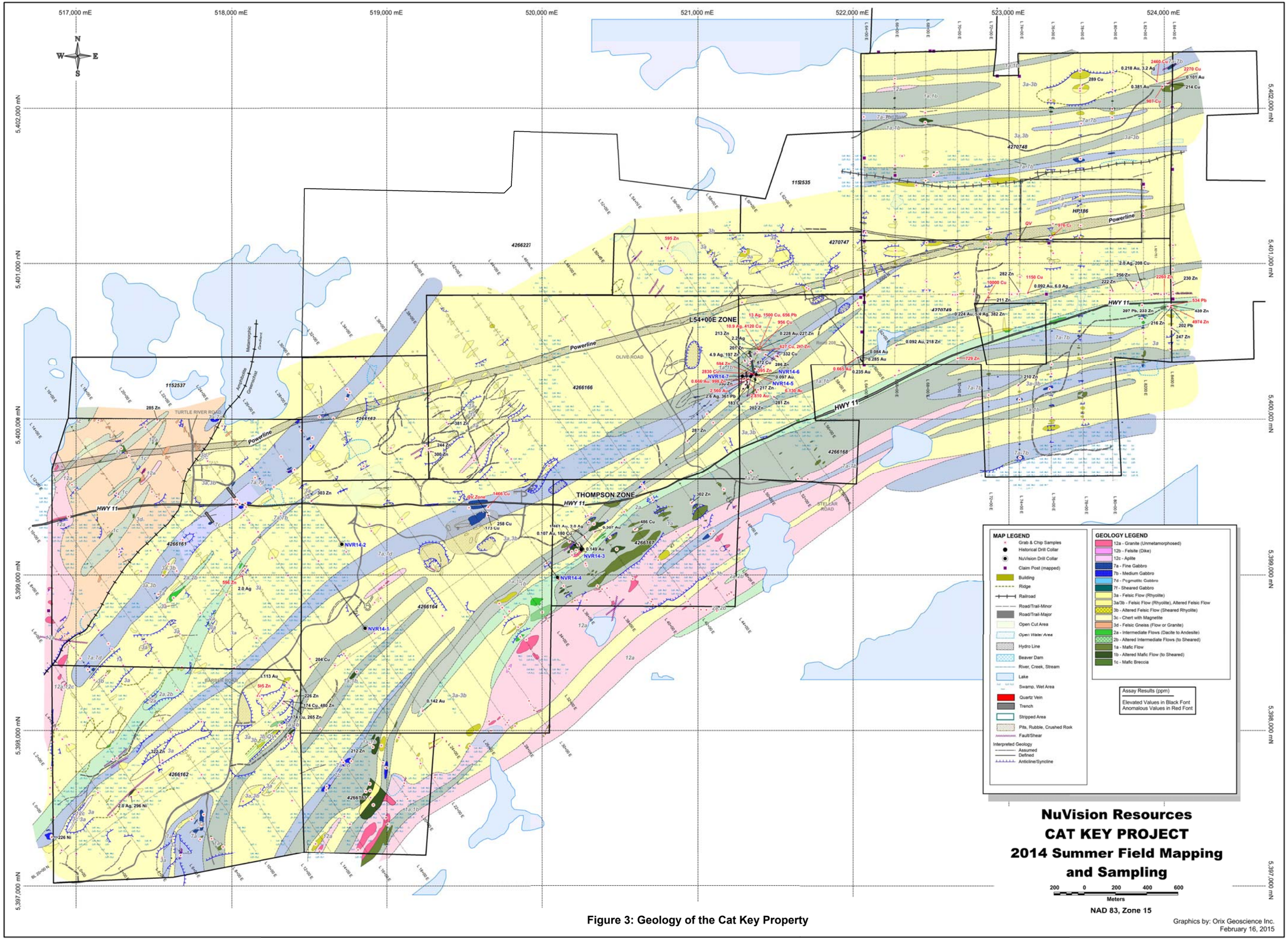


Figure 3: Geology of the Cat Key Property

8 - Geological Structures and Other Features

The following section on geological structures is derived from Bernatchez (2014) and Poulsen (2000).

The rocks in the Mine Centre area show evidence of progressive deformation involving folds, ductile shear zones and faults. These features developed contemporaneously as well as continued transition from ductile of brittle deformation. The trends for most of the structural features show incremental shortening about a sub-horizontal axis oriented west-northwest-east-southeast. This is what imparts a dominant northeasterly trending structural “grain” to the rocks in the area.

Large scale folding is evident in the area based on variation of distribution, attitudes and facing of mappable lithologic units, such as the Rice Lake Dome is a complex fold structure, the lithological mapping of the magnetic ultramafic units in the same area resulted in further definition of the complex fold structures. Early folds (F1) were mapped as recumbent folds. Early foliations (S1), are recognized locally by extreme flattening of pillow lavas, (F2) is a refolding about axial surfaces, (S2) produced a complex interference structure which produced a complex interference structure. D2 structures are common and small F2 folds are locally coaxial with pronounced lineations. L2 which result from crystallographic and dimensional orientation of metamorphic minerals. Cleavage (S2) that is axial planar to F2 folds is generally well developed. A third fold set (F3) is accompanied by the development of kink bands and a crenulation cleavage (S3) that strikes northwest. D3 minor structures are particularly abundant in the Bear Passage area. The persistence of east-northeast and northwesterly striking sets throughout the area suggests a genetic relationship to a west-northwest-oriented axis of shortening.

The attitude of minor fold axes and cleavages are clearly controlled by proximity to the Quetico and Rainy River-Seine River faults. The sigmoidal pattern of cleavage orientation suggests that these involve a zone of ductile deformation in which rotation of early-formed structures has taken place. Deflection of marker units indicates right-hand components of displacement for both faults so that the intervening terrane can be considered to be to be a dextral wrench zone. The orientations and senses of mesoscopic ductile shear zones across the area support this interpretation, parallel to each other

The property is located in the west central portion of the Mine Center Bimodal Metavolcanic Belt sequence of rocks. The Mine Centre Bimodal volcanic and intrusive rock sequences are bound by the east-west striking Quetico Fault Zone, located approximately 1 kilometer north of the north boundary of the property while the Rainy River-Seine Bay Fault Zone is located approximately 7.5 km from the south boundary of the property.

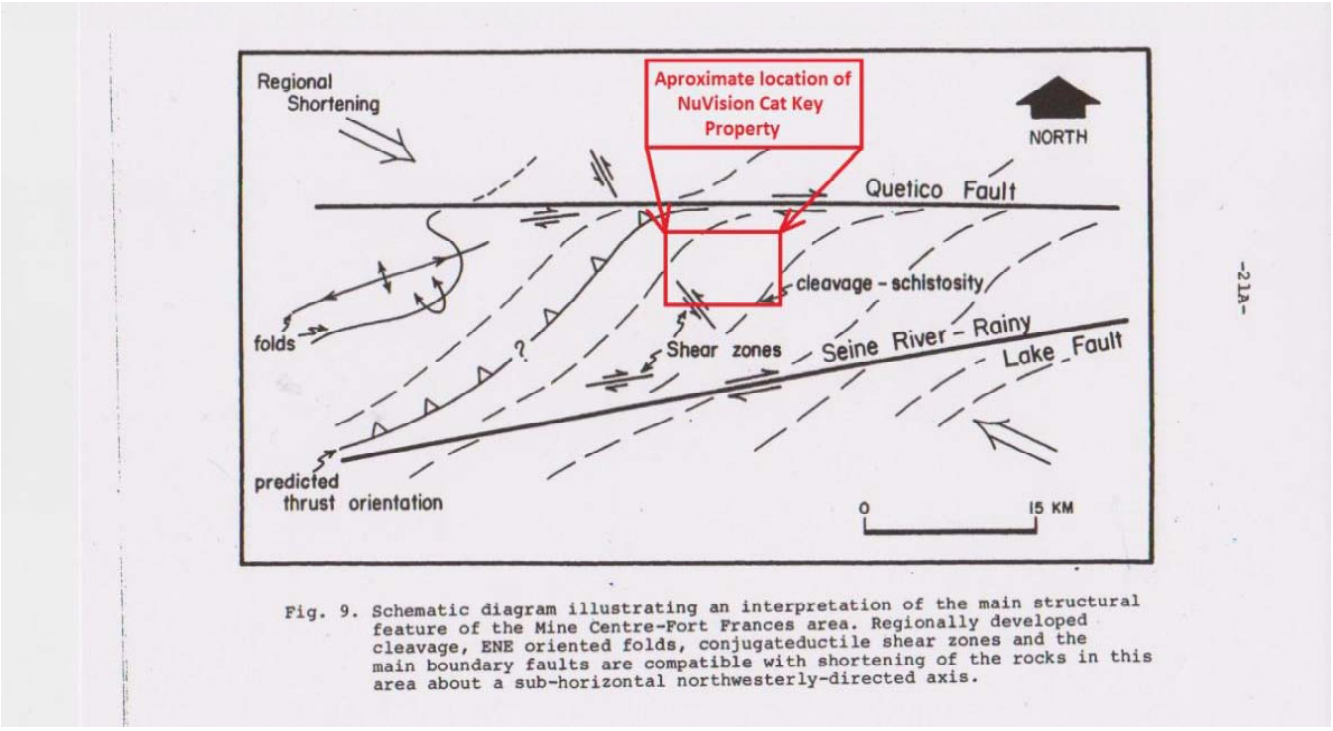


Fig. 9. Schematic diagram illustrating an interpretation of the main structural feature of the Mine Centre-Fort Frances area. Regionally developed cleavage, ENE oriented folds, conjugateductile shear zones and the main boundary faults are compatible with shortening of the rocks in this area about a sub-horizontal northwesterly-directed axis.

Figure 4: Structural Geology Map of the Mine Centre Area showing approximate location of the NuVision Cat Key property (Poulsen, 2000).

Based upon the 2014 geological mapping by this author, the Cat Key Property can be broken up into two regimes of lithological orientation.

1) The first is mafic – felsic units trending 060°/240°, as on the A-Block of the property. A 6.4km base-line (20+00N base-line), trending 055°, was established from L0E to L62E, at two hundred meter increments with 25m pickets. Based upon 2014 mapping, the rock units is this area are parallel to this base-line and the wing-lines, trending 325°/145°, cross stratigraphy and is oriented at a near maximum. These wing-lines were also picketed at 25m increments.

2) The second is mafic – felsic units trending 090°/270°, as on the B-Block of the property. A 2.0km base-line (20+00N base-line), trending 090°, was established from L64E to L84E, at two hundred meter increments with 25m pickets. Based upon 2014 mapping, the rock units is this area are parallel to this base-line and the wing-lines, trending 000°/180°, cross stratigraphy and is oriented at a near maximum. These wing-lines were also picketed at 25m increments.

Based upon the geological mapping, three separate “local” events seem to be occurring on the Cat Key Property. They are:

A. <u>060° Event</u> – a regional shearing, paralleling the lithological orientation of the A-Block, occurs on the entire property. This was common in over 35% of the outcrops in A-Block as fracturing or weak shearing, especially in the mafic or felsic volcanic units.

On the B-Block, any larger outcrops (>500m^2) with good bedrock exposure did show this 060o fracturing or weak shear event in at least 10-20% of the outcrops.

B. 090^o Event – a regional fracturing, paralleling the lithological orientation of the B-Block, occurs on the entire property. This was common in over 10% of the outcrops in A-Block as fracturing or minor faulting, especially in the mafic or felsic volcanic units. On the B-Block, this was common in at least 35% of the outcrops as fractures, shears or dilation zones (up to 0.3m wide).

C. 310^o Event – a regional fracturing, perpendicular to the lithological orientation of the A-Block, occurs on the entire property. This was common in over 5-10% of the outcrops in A-Block as fracturing or quartz filled fractures, especially in the mafic or felsic volcanic units. On the B-Block, this cross cutting feature was represented fracturing or quartz filled fractures, especially in the mafic or felsic volcanic units.

All three of these structural events are located at the L54E Trenches and based of lithological mapping at 1:500, these are listed from oldest (060^o Event) to youngest (310^o Event).

9 – Metamorphism

Based upon Poulsen (2000), the rocks of the Mine Centre - Fort-Frances area contain metamorphic minerals assemblages that are diagnostic of the greenschist and amphibolite facies. The petrographic study of different lithologies have identified two separate types:
Type 1 – Cordierite + anthophyllite near Ottertail Lake Pluton contact suggests a Lower Amphibolite metamorphic grade.
Type 2 – Chloritoid + chlorite + muscovite +quartz + calcite near Shoal Lake suggests Middle Greenschist metamorphic grade.

Based upon the 2014 geological mapping, both metamorphic facies were located on the Cat Key Property. They are:

a) Type 1 or the Lower Amphibolite was identified in the contact zone of the Ottertail Intrusion with the surrounding Volcanics as rock unit 1C, mafic breccia to amphibolite, consists of 50-80% basalt fragments that have been metamorphosed to amphibolite with anthophyllite identified by this author. This is localized to 500 – 700m east of the Ottertail Intrusion. Another area where this higher metamorphic grade was located was at the contact aureole of the Bad Vermillion Granite. Several outcrops of felsic volcanics with up to 20% andalusite rosettes and one outcrop of gabbro with riebeckite; both of these minerals have a higher temperature association.
b) Type 2 or the Middle Greenschist was located over 80% of the property. Typical alteration is chlorite – calcite in mafic volcanics or sericite – quartz in the felsic volcanics.

10 - Mineralized Types

Poulsen (2000) describes the various types of mineral deposits that are present in the Mine Centre-Fort Frances metavolcanic belt with local examples are:

Type 1: Stratabound Mineralization Hosted by
- (A) Felsic to Mafic Metavolcanic Rocks - Such as base metal in VMS style deposits (Gagne Lake prospect),
- (B) Chalcopyrite-sphalerite within Iron Formation (Port Arthur Copper Mine),
- (C) Lean chert-magnetite iron formation (Nickel Lake prospect.

Type 2: Mineralization Hosted by Layered Gabbroic Intrusions:
- (A) Chalcopyrite associated with gabbro and leucogabbro near base of sills - North Rock Mine
- B) Disseminated chalcopyrite associated with siliceous phases of intrusions – Mironsky prospect. Ilmenite-magnetite-apatite-rutile lenses in the lower portions (Bad Vermilion Lake Prospect.

Type 3: Vein Mineralization.
- (A) Quartz-gold-sulphide veins in shear zones and cleavage-parallel dilatant Zones – Golden Star Mine, Olive Mine.
- (B) Quart-molybdenite-pyrite veins and disseminations in un-metamorphosed granitoid rocks – Hwy 11 Molybdenite showing.

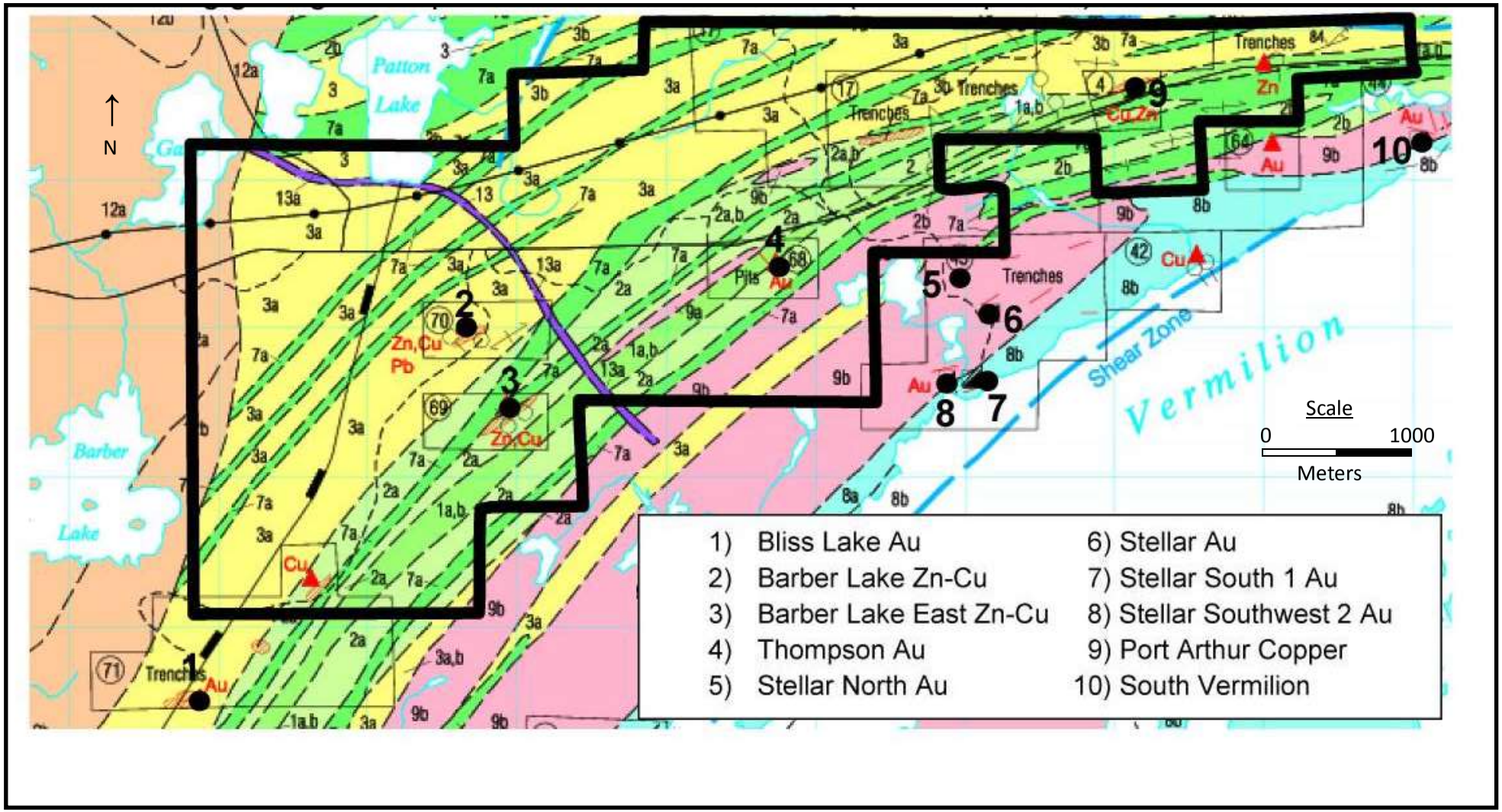
Type 4: Ultramafic-Hosted Mineralization
- Disseminated chalcopyrite-pyrrhotite mineralization hosted by ultramafic metavolcanic rocks – North Rock prospect.

Historically, there were nine known mineral occurrences on or near the NuVision-Cat Key property; from southwest to the northeast end of the property and are listed below.

1.	Bliss Lake Au	36.70 gpt Au over 0.30m	type 3A
2.	Barber Lake Zn-Cu	0.49% Zn over 4.92m (from drilling)	type 1A
3.	Barber Lake East Zn-Cu	4.10% Zn, 0.10% Cu, 4.4 gpt Ag over 3.80m (from drilling)	type 1A
4.	Thompson Au	averaged 2.49 gpt Au in sheared pyritic trondhjemite (OGS)	type 3A
5.	Stellar North Au	9.58 – 68.19 gpt Au over 1m chip samples	type 3A
6.	Stellar Au	up to 247.56 gpt Au over 0.91m chips near shaft; and 2.18 gpt Au from 200 tons from dump.	type 3A
7.	Stellar South 1 Au	9.33 gpt Au over 0.75m (drilling)	type 3A
8.	Stellar Southwest 2 Au (Rainbow Vein)	13.38 gpt Au, 8.7 gpt Ag, 0.29% Zn, 0.82% Pb over 0.15m (drilling)	type 3A
9.	Port Arthur Copper (ROA2001 estimate)	1.18% Cu, 0.43% Zn in 48,895 tons	type 1A

The following geological map is from K.J. Poulsen 2000 (OGS Map 2525)

Figure 5: Historical mineral showings on the Cat Key Property (Aug. 01, 2014)



11- 2014 Stripping Program by NuVision Resources ULC

In September 6 to October 14 of 2014, a stripping program was performed on six target areas, or eight stripped sections, on the Cat Key Property. The targets areas were:

A. Port Arthur Copper 2 (L72+50E)
B. T-Trench (L54E East Trench / 5420 Zone)
C. Shaft Trench (L54E West Trench / 5420 Zone)
D. Bush Rat Trench (L60E)
E. Thompson Porphyry (L38+50E)
F. Quartz Zone (L35E)
G. Gabbro Zone (L22E)
H. Gabbro Zone (L20E)

Table 4: Location and Samples taken on 2014 stripped areas on Cat Key Property

2014 NuVision Stripping Program						
Grid Line	**Site**	**Sample No.**	**AZM**	**Easting**	**Northing**	**Rock Code**
L71+50E	PAC2	**1398001**	310o/130o	522800	5400818	3b
L71+50E	PAC2	**1398069**	310o/130o	522868	5400770	3b
L54E	T-trench / 5420	**1398070**	18o/198o	521403	5400465	2b
L54E	T-trench / 5420	**1398095**	30o/210o	521387	5400440	1b
L54E	T-trench / 5420	**1398208**	152o/232o	521376	5400267	3b
L38+50E	Porphyry - West	**1398208**	145o/325o	520208	5399192	1b
L38+50E	Porphyry - West	**1398211**	145o/325o	520207	5399189	1b
L38+50E	Porphyry - East	**1398212**	145o/325o	520288	5399202	1b
L38+50E	Porphyry - East	**1398218**	145o/325o	520235	5399195	1b
L38+50E	Porphyry - South	**1398220**	145o/325o	520251	5399179	1b
L38+50E	Porphyry - South	**1398224**	145o/325o	520248	5399173	1b
L60E	Bush Rat	**1398225**	325o/145o	522049	5400370	7a
L60E	Bush Rat	**1398249**	332o/152o	522021	5400406	3b
L54E	Shaft / 5420	**1398250**	310o/130o	521334	5400236	3b
L54E	Shaft / 5420	**1398299**	342o/172o	521325	5400307	1b
L38+50E	Porphyry - Perp	**1398300**	236o/56o	520208	5399186	1b
L38+50E	Porphyry - Perp	**1398313**	228o/48o	520225	5399194	1b
L35E	Qtz Quarry	**1398314**	144o/324o	519646	5399396	QV / 7b
L35E	Qtz Quarry	**1398318**	144o/324o	519652	5399391	QV / 7b
L22E	Gabbro Zone	**1398319**	114o/294o	518008	5399523	3b
L22E	Gabbro Zone	**1398338**	174o/354o	518040	5399493	7c

The following Stripping Program was performed on the Cat Key Property from September to October of 2014. The activities performed are as follows:

Table 5: Stripping Program Activities on the Cat Key Property, NuVision Resources ULC

2014 NuVision Resources ULC - Cat Key Property : Fall Stripping			
Date	Contractor	Work	Sampling
Sept 05/14	Nor-Ed Geophysics	Mechanical stripping 115m x 3m on PAC2 (Port Arthur Copper 2 / North) & washing. Moved to T-trench (5420 Zone)	nil
Sept 05/14	Bill Bone	Assisted cleaning and lay out of PAC2	nil
Sept 06/14	Nor-Ed Geophysics	Mechanical stripping 100m x 3m on T-Trench (East) & washing (5420 Zone)	nil
Sept 06/14	Bill Bone & Steve Tucker	Channel Cut first 27m of PAC2	nil
Sept 06/14	Allen Raoul, PGeo	Marked off Bush Rat & prelim map PAC2	nil
Sept 08/14	Nor-Ed Geophysics	Mechanical stripping 100-180m x 3m on T-Trench (East) & washing (5420 Zone)	nil
Sept 08/14	Bill Bone & Steve Tucker	Channel Cut 27-95m of PAC2	nil
Sept 09/14	Nor-Ed Geophysics	Mechanical stripping 180-200m x 3m on T-Trench (East) & washing. Stripped 80m x 2.5m of the Shaft Trench. (5420 Zone). Stripped the 60m BushRat Trench (L60E)	nil
Sept 09/14	Bill Bone & Steve Tucker	Channel Cut 0-20m of T-trench but no water	nil
Sept 10/14	Nor-Ed Geophysics	Washing the T-trench (water issues).	nil
Sept 10/14	Allen Raoul, PGeo	Prelim Map the Bush Rat and T-trench and laid out PAC2 with crew (BB & ST)	1398011-1398023
Sept 10/14	Bill Bone & Steve Tucker	Sampled with A Raoul & did Xcuts	
Sept 11/14	Nor-Ed Geophysics	Finished washing T-trench, Shaft trench and Bush Rat Trench	
Sept 11/14	Allen Raoul & Steven Tucker	Sampling and GPS samples of PAC2	1398024-1398038
Sept 12/14	Allen Raoul, Bill Bone & Steven Tucker	Sampling, extend to north for 20m and GPS samples of PAC2	1398001-1398010, 1398039-1398069
Sept 15/14	Bill Bone & Steve Tucker	Channel Cut 20-120m of T-trench	nil
Sept 15/14	Nor-Ed Geophysics	Walked Machine to L20E gabbro and did 60m x 3m stripping at site. Then moved to L22E gabbro across Hwy 11.	nil
Sept 16/14	Bill Bone & Steve Tucker	Channel Cut 120-130m of T-trench and hand shovelled selective sites for channeling	nil
Sept 16/14	Nor-Ed Geophysics	Stripped L22E outcrop and washed.	nil
Sept 17/14	Nor-Ed Geophysics	Washing L20E outcrop for day and extra stripping at L22E (clean up).	nil
Sept 17/14	Allen Raoul, PGeo	Reviewed L20E, L22E, L60E and L54E trenches (5420 Zone) and took pics of them all.	nil
Sept 17/14	Bill Bone & Steve Tucker	Channel Cut 130-195m of T-trench (finished)	nil

Sept 18/14	Nor-Ed Geophysics	Stripping along Barber Road / L26E for bedrock but none located; under Bill Bone supervision. Moved to Thompson Zone.	nil
Sept 18/14	Bill Bone & Steve Tucker	Channel Cut 0-60m of Shaft trench	nil
Sept 19/14	Allen Raoul & Steven Tucker	Marking out the cross-cuts for all of L54E T-trench (East) and 75% of L54E Shaft Trench (West).	nil
Sept 19/14	Nor-Ed Geophysics	Stripping the Thompson Zone (L38+50E).	nil
Sept 20/14	Bill Bone & Steve Tucker	Did rest of Xcuts for L54E trenches and last 15m of Shaft Trench. Sampling	1398070-1398094
Sept 23/14	Nor-Ed Geophysics	Washing off Thompson Zone (L38+50E)	
Sept 23/14	Allen Raoul & Steven Tucker	Continued mapping L54E trenches and sampling. Marker off channels for Thompson Porphyry (Zone).	1398095-1398130
Sept 24/14	Bill Bone & Steve Tucker	L54E T-trench sampling	1398131-1398154
Sept 25/14	Bill Bone & Steve Tucker	L54E T-trench sampling. Steven Tucker accident (fractured wrist) and reported to ER & WSIB.	1398155-1398194
Sept 26/14	Bill Bone & Allen Raoul	L54E T-trench sampling (finished) and tour site with Manager (M. Reiter).	1398195-1398207
Sept 29/14	Bill Bone & Allen Raoul	L38+50E Thompson Porphyry cut samples at 3 areas and sampled.	1398208-1398211
Sept 30/14	Bill Bone & George Cousineau	L38+50E Thompson Porphyry cut remaining samples and finished sampling. Moved to L60E Bush Rat, cut 2/3 of samples and bagged	1398212-1398218, 1399220-1398226, 1398227-1398240
Oct 1/14	Bill Bone & George Cousineau	Sampling at L60E Bush Rat. Moved to L54E Shaft Trench and sampled 2/3 of channels.	1398241-1398249, 1398250-1398274
Oct 2/14	Bill Bone & George Cousineau	At L54E Shaft Trench, finished sampling	1398275-1398299
Oct 6/14	Bill Bone & George Cousineau	L38+50E Thompson Porphyry, did perpendicular Xcut (along zone) and sampled. Moved L35E Quartz Quarry, did small channel and sampled.	1398300-1398313, 1398314-1398318
Oct 7/14	Bill Bone & Steve Tucker	At L22E gabbro, completed over half of sampling but saw issues. Started sampling.	1398319-1398325
Oct 8/14	Bill Bone	At PAC2, taking GPS of samples and putting in metal sample tags	
Oct 9/14	Bill Bone & Steve Tucker	At L22E gabbro, completed all sawing, sampling, GPS and metal sample tags.	1398326-1398338
Oct 13/14	Bill Bone	L54E site, completed GPS of samples, metal sample tags and collected REP samples	
Oct 14/14	Bill Bone	Other sites, completed GPS of samples, metal sample tags and collected REP samples	**PROGRAM COMPLETED**

12 - Assaying Procedure

A total of 338 samples were taken during this five week program and were sent to Accurassay Labs of Thunder Bay. Ontario. Gold assaying was completed using fire assay and a 31 element ICP (induced couple plasma) for Ag, Cu, Pb, Zn, etc. for all the trace metals.

The assays are listed in an attached assay table and figure for each site / zones. The assays are listed with the significant gold, silver or base metal values are highlighted. The complete assay certificates are located in Appendix B.

Weakly Elevated Gold	>50 ppb Au	black bolded
Elevated Gold	**>100 ppb Au**	black bolded
Anomalous Gold	**>500 ppb Au**	red bolded
Elevated Silver	**>2 ppm Ag**	black bolded
Anomalous Silver	**>10 ppb Ag**	red bolded
Elevated Copper, Lead, Zinc, Nickel	**>200 ppm Cu,Pb,Zn,Ni**	black bolded
Anomalous Copper, Lead, Zinc, Nickel	**>500 ppm Cu,Pb,Zn,Ni**	red bolded

The following detection limits were used for each lab:

Table 6: Assay detection limits for the two labs used for the Cat Key Property

Laboratory	Au	Ag	Cu	Ni	Pb	Zn	Pt	Pd
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Activation Laboratories	0.005	0.2	1	1	2	1	na	na

13 - New Mineralized Zones

The following geological zones were stripped in September to October of 2014:

A. Port Arthur Copper 2 (L72+50E)

An area 115m x 3m was stripped, north of mining patent FF4261. This was to assess the gold and base metal potential and to possibly locate a large, east-west trending, quartz vein, previous mapped by Tanton (1934); see mining claim 4270749.

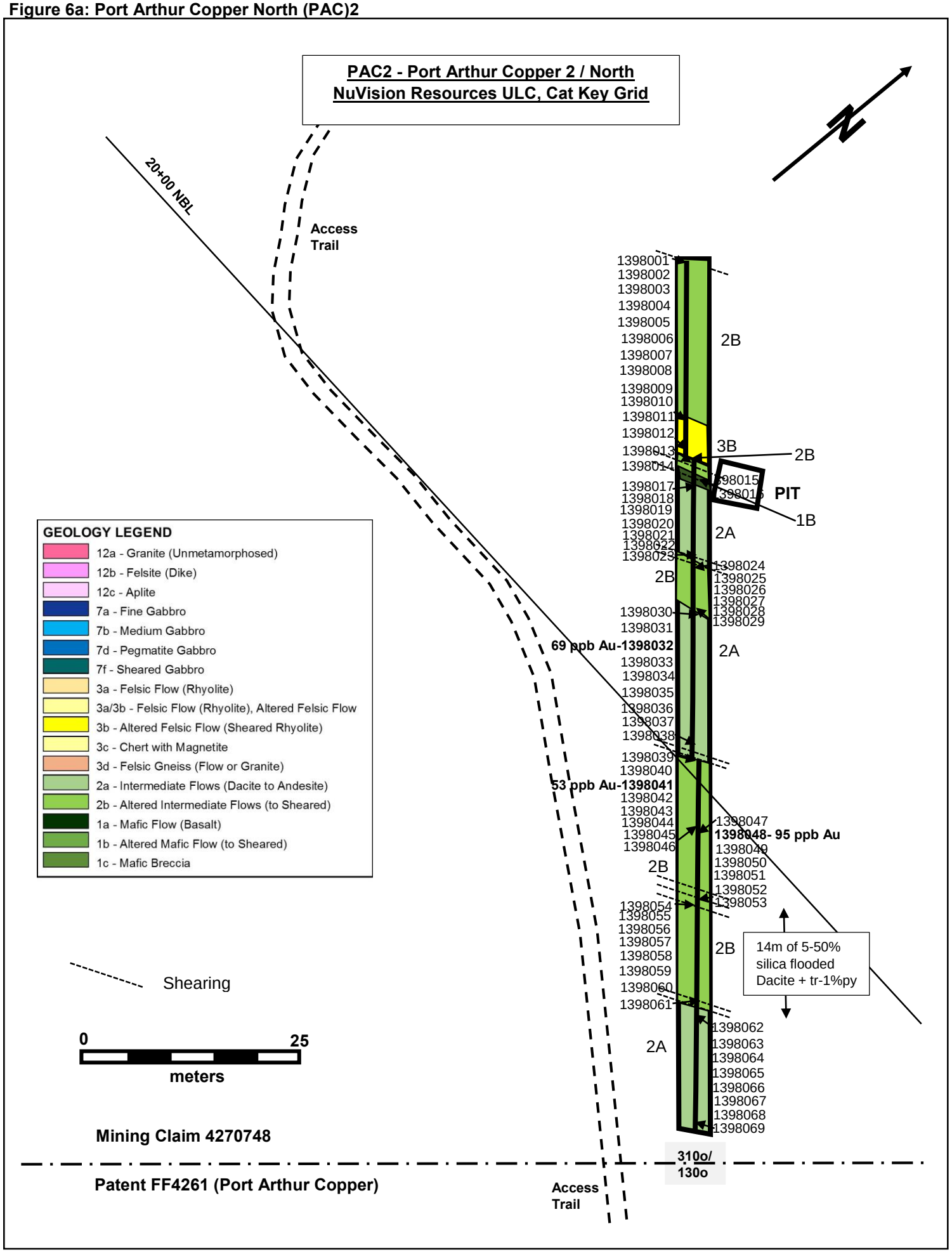
Three weakly elevated assays were located from this 105m chipped zone. They were:
1) Sample 1398032 yielded 69 ppb Au and 419 ppm Zn in chlorite-biotite altered felsic flows with trace pyrite.
2) Sample 1398041 yielded 53 ppb Au in chlorite-sericite-ankerite altered felsic tuff with trace pyrite.
2) Sample 1398048 yielded 95 ppb Au in chlorite-sericite-ankerite altered felsic tuff with trace pyrite.

Table 7a: Sampling and Assays from the Port Arthur Copper 2 (Cat Key Property, NuVision Res.)

Sample No.	Length m	AZM	Easting	Northing	Rock Type	Au ppb	Ag ppm	Cu ppm	Ni ppm	Pb ppm	Zn ppm
1398001	1.70	310o/130o	522800	5400818	2b	< 5	0.4	5	1	26	163
1398002	1.62	310o/130o	522801	5400819	2b	< 5	< 0.2	4	1	3	134
1398003	1.60	310o/130o	522802	5400820	2b	< 5	0.6	5	1	2	121
1398004	1.60	310o/130o	522803	5400821	2b	< 5	0.5	6	< 1	< 2	125
1398005	1.59	310o/130o	522804	5400822	2b	< 5	0.3	7	< 1	5	123
1398006	1.52	310o/130o	522805	5400823	2b	< 5	0.2	5	< 1	4	124
1398007	1.65	310o/130o	522806	5400824	2b	< 5	< 0.2	8	3	< 2	130
1398008	1.69	310o/130o	522807	5400825	2b	< 5	< 0.2	4	< 1	< 2	133
1398009	1.62	310o/130o	522808	5400826	2b	5	0.5	4	< 1	< 2	133
1398010	1.60	310o/130o	522809	5400827	2b	< 5	0.3	3	< 1	< 2	115
1398011	1.50	310o/130o	522810	5400828	3b	< 5	< 0.2	4	< 1	< 2	125
1398012	1.58	310o/130o	522811	5400827	3b	< 5	< 0.2	6	< 1	< 2	191
1398013	1.48	310o/130o	522812	5400826	3b	< 5	< 0.2	8	< 1	< 2	138
1398014	1.57	310o/130o	522813	5400825	1b	< 5	< 0.2	55	166	< 2	127
1398015	1.51	310o/130o	522814	5400824	1b	< 5	< 0.2	55	66	< 2	106
1398016	1.60	310o/130o	522815	5400823	1b	< 5	< 0.2	69	115	< 2	183
1398017	1.54	310o/130o	522816	5400822	2b	< 5	< 0.2	74	66	< 2	**202**
1398018	1.61	310o/130o	522817	5400821	2b	< 5	< 0.2	18	4	< 2	77
1398019	0.69	310o/130o	522818	5400820	2b	< 5	< 0.2	120	33	< 2	159
1398020	1.56	310o/130o	522819	5400819	2b	< 5	< 0.2	38	10	4	78
1398021	1.00	310o/130o	522820	5400818	2b	< 5	< 0.2	32	4	< 2	68
1398022	1.29	310o/130o	522821	5400817	2b	< 5	< 0.2	27	23	< 2	111
1398023	0.71	310o/130o	522822	5400816	2b	< 5	< 0.2	70	175	17	159
1398024	1.60	310o/130o	522823	5400815	2b	< 5	< 0.2	30	4	24	**319**
1398025	1.61	310o/130o	522824	5400814	2b	< 5	< 0.2	13	< 1	18	**217**

1398026	1.48	310o/130o	522825	5400813	2b	< 5	< 0.2	15	1	19	**229**
1398027	1.49	310o/130o	522826	5400812	2b	< 5	< 0.2	22	3	8	98
1398028	1.48	310o/130o	522827	5400811	2b	< 5	< 0.2	32	4	22	**208**
1398029	1.51	310o/130o	522828	5400810	2b	< 5	< 0.2	31	5	12	184
1398030	1.52	310o/130o	522829	5400809	2b	< 5	< 0.2	39	4	4	189
1398031	1.51	310o/130o	522830	5400808	2b	6	< 0.2	36	5	8	173
1398032	1.21	310o/130o	522831	5400807	2b	**69**	< 0.2	57	9	11	**439**
1398033	1.53	310o/130o	522832	5400806	2b	< 5	< 0.2	34	5	7	196
1398034	1.51	310o/130o	522833	5400805	2b	< 5	< 0.2	34	3	5	53
1398035	1.52	310o/130o	522834	5400804	2b	< 5	< 0.2	27	2	7	141
1398036	1.51	310o/130o	522835	5400803	2b	6	< 0.2	23	2	13	**258**
1398037	1.50	310o/130o	522836	5400802	2b	< 5	< 0.2	22	2	29	**368**
1398038	1.48	310o/130o	522837	5400801	2b	< 5	< 0.2	20	2	12	101
1398039	1.49	310o/130o	522838	5400800	2b	22	< 0.2	54	8	26	**273**
1398040	1.51	310o/130o	522839	5400799	2b	53	< 0.2	33	10	13	139
1398041	1.50	310o/130o	522840	5400798	2b	34	< 0.2	20	1	13	157
1398042	1.50	310o/130o	522841	5400797	2b	10	< 0.2	22	< 1	10	170
1398043	1.49	310o/130o	522842	5400796	2b	< 5	< 0.2	12	< 1	16	166
1398044	1.46	310o/130o	522843	5400795	2b	< 5	< 0.2	7	< 1	14	**225**
1398045	1.52	310o/130o	522844	5400794	2b	< 5	< 0.2	10	3	7	163
1398046	1.51	310o/130o	522845	5400793	2b	< 5	< 0.2	41	2	12	149
1398047	1.51	310o/130o	522846	5400792	2b	< 5	< 0.2	73	3	10	179
1398048	1.48	310o/130o	522847	5400791	2b	**95**	< 0.2	55	5	20	164
1398049	1.00	310o/130o	522848	5400790	2b	< 5	< 0.2	23	3	25	116
1398050	1.45	310o/130o	522849	5400789	2b	< 5	< 0.2	42	5	16	122
1398051	1.47	310o/130o	522850	5400788	2b	< 5	< 0.2	30	5	17	160
1398052	1.47	310o/130o	522851	5400787	2b	< 5	< 0.2	22	3	4	152
1398053	1.48	310o/130o	522852	5400786	2b	< 5	< 0.2	17	1	6	141
1398054	1.49	310o/130o	522853	5400785	2b	< 5	< 0.2	23	1	14	184
1398055	1.51	310o/130o	522854	5400784	2b	< 5	< 0.2	27	3	6	**212**
1398056	1.54	310o/130o	522855	5400783	2b	< 5	< 0.2	32	3	2	164
1398057	1.50	310o/130o	522856	5400782	2b	< 5	< 0.2	25	3	4	103
1398058	1.52	310o/130o	522857	5400781	2b	< 5	< 0.2	34	6	3	122
1398059	0.93	310o/130o	522858	5400780	2b	< 5	< 0.2	25	5	3	186
1398060	1.55	310o/130o	522859	5400779	2b	< 5	< 0.2	38	5	4	145
1398061	1.21	310o/130o	522860	5400778	2b	< 5	< 0.2	22	3	4	144
1398062	1.51	310o/130o	522861	5400777	2b	< 5	0.2	17	1	5	142
1398063	1.51	310o/130o	522862	5400776	2a	< 5	< 0.2	17	3	2	110
1398064	1.53	310o/130o	522863	5400775	2a	< 5	< 0.2	26	4	2	125
1398065	1.50	310o/130o	522864	5400774	2a	< 5	< 0.2	42	11	3	65
1398066	1.53	310o/130o	522865	5400773	2a	< 5	< 0.2	27	4	5	159
1398067	1.53	310o/130o	522866	5400772	2a	< 5	< 0.2	47	9	3	139
1398068	1.49	310o/130o	522867	5400771	2a	< 5	< 0.2	45	8	2	145
1398069	0.50	310o/130o	522868	5400770	2a	< 5	< 0.2	17	< 1	5	144

Figure 6a: Port Arthur Copper North (PAC)2



B. T-Trench (L54E East Trench / 5420 Zone)

During the 2014 mapping, a series of trenches (15) were located at the intersection of L54E & the 20+00 North Base-line and are located over 200m strike-length. A series of northeast-trending (050^o-060^o) units of felsic volcanics (rhyolite – dacite), intermediate volcanics (dacite – andesite), mafic volcanics (basalt) with intruding medium-grained, quartz gabbro dikes. This volcanic stratigraphy was trending parallel to the 20+00N base line while the gabbro intrusions were running parallel to 035^o to the straigraphy.

The following structural zones were located within the outcrops and trenches.

1. 060^o Event – a regional shearing, paralleling the lithology. This event commonly associated with sericite-chlorite +/- ankerite alteration. Then can then be overprint by a late silica alteration.
2. 090^o Event – a regional fracturing, cross-cutting the lithology. This event is commonly contains quartz filled fractures or quartz filled dilation zones.
3. 310^o Event – a regional fracturing, perpendicular to the lithology. This event has quartz filled fractures.

The following samples ran gold values in the L54E trenches (aka 5420 Zone):

Sample 279616 – 2.56 gpt Au	grab trench 4 dump
Sample 279625 – 2.81 gpt Au	grab trench 3 dump
Sample 279789 – 0.66 gpt Au & 2.4 gpt Ag	1.0m chip in trench 3
Sample 279791 – 6.31 gpt Au	0.8m chip in trench 1
Sample 279819 – 0.23 gpt Au,10.9 gpt Ag,0.41%Cu	grab trench 12 (T-trench)

In September and October of 2014, an area 200m x 3-4 m was stripped on mining claim 4266168. This was to assess the wide-spread alteration and gold-copper mineralization located in trench 1 (sample 279791) and trench 12 or the alias T-trench (sample 279819), over a >180m across strike.

One strongly anomalous and two weakly elevated assays were located from this 195m chipped zone. They were:
1) Sample 1398198 yielded anomalous **0.75 gpt Au over 1.45m** in ankerite altered felsic flow with 2% pyrite.
2) Sample 1398083 yielded weakly elevated 39 ppb Au and 285 ppm Cu in sheared dacite with 50% quartz veining in the Old T-Trench (aka Trench 12).
3) Sample 1398160 yielded weakly elevated 75 ppb Au and 296 ppm Zn in ankerite altered felsic flow with trace pyrite.

Based upon some mapping results and this stripping on the T-Trench, further stripping was done 40m west of this trench.

Table 7b – Sampling and Assays from the T-Trench (Cat Key Property, NuVision Res.)

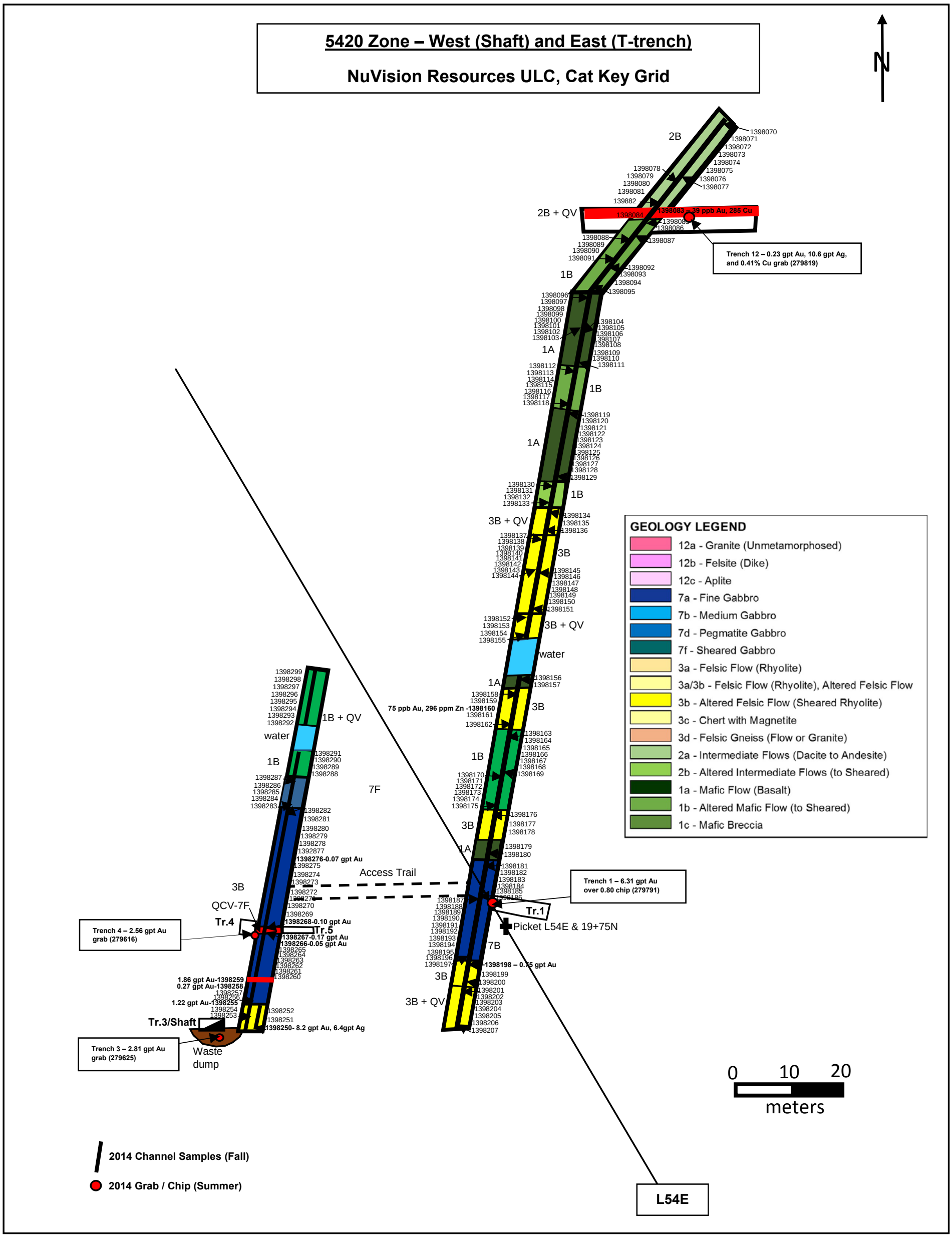
Sample No.	Length m	AZM	Easting	Northing	Rock Type	Au ppb	Ag ppm	Cu ppm	Ni ppm	Pb ppm	Zn ppm
1398070	1.54	222o/42o	521403	5400465	2b	< 5	< 0.2	12	1	3	106
1398071	1.53	222o/42o	521403	5400464	2b	< 5	< 0.2	16	2	3	121
1398072	1.50	222o/42o	521402	5400464	2b	< 5	< 0.2	10	< 1	< 2	101
1398073	1.51	222o/42o	521402	5400463	2b	< 5	< 0.2	16	< 1	< 2	120
1398074	1.43	222o/42o	521401	5400461	2b	< 5	< 0.2	27	< 1	2	101
1398075	1.50	222o/42o	521400	5400460	2b	< 5	< 0.2	7	9	2	98
1398076	1.51	222o/42o	521400	5400458	2b	< 5	< 0.2	4	< 1	< 2	111
1398077	1.50	222o/42o	521398	5400457	2b	< 5	< 0.2	4	< 1	< 2	164
1398078	1.50	222o/42o	521397	5400455	2b	< 5	< 0.2	10	< 1	2	162
1398079	1.52	222o/42o	521396	5400454	2b	< 5	< 0.2	17	< 1	< 2	146
1398080	1.50	222o/42o	521395	5400454	2b	< 5	< 0.2	35	< 1	2	89
1398081	1.52	222o/42o	521395	5400453	2b	< 5	< 0.2	24	< 1	< 2	110
1398082	1.49	222o/42o	521394	5400452	2b	< 5	< 0.2	65	2	21	143
1398083	1.02	222o/42o	521392	5400452	QV in 2b	**39**	0.8	**285**	14	22	81
1398084	1.44	222o/42o	521390	5400451	QV in 2b	< 5	< 0.2	74	48	3	199
1398085	1.23	18o/198o	521390	5400450	1b	6	0.3	133	49	3	157
1398086	1.38	18o/198o	521389	5400449	1b	< 5	0.2	145	52	< 2	103
1398087	1.30	18o/198o	521389	5400448	1b	< 5	0.3	142	52	< 2	102
1398088	1.40	10o/190o	521389	5400447	1b	6	< 0.2	193	66	2	107
1398089	1.31	10o/190o	521388	5400445	1b	5	< 0.2	140	52	< 2	110
1398090	1.62	10o/190o	521388	5400444	1b	< 5	< 0.2	131	52	3	89
1398091	1.47	10o/190o	521388	5400443	1b	5	< 0.2	139	52	< 2	91
1398092	0.86	10o/190o	521388	5400442	1b	< 5	0.2	129	50	< 2	89
1398093	1.16	10o/190o	521387	5400441	1b	< 5	< 0.2	135	45	< 2	81
1398094	2.70	30o/210o	521387	5400440	1b	< 5	< 0.2	107	42	< 2	88
1398095	1.53	30o/210o	521386	5400439	1b	< 5	< 0.2	144	53	< 2	81
1398096	1.53	30o/210o	521386	5400437	1a	< 5	< 0.2	141	49	< 2	84
1398097	1.51	30o/210o	521385	5400433	1a	< 5	< 0.2	127	53	< 2	88
1398098	1.52	30o/210o	521384	5400431	1a	< 5	< 0.2	86	31	< 2	93
1398099	1.54	40o/220o	521382	5400430	1a	< 5	< 0.2	13	< 1	< 2	107
1398100	1.54	40o/220o	521381	5400429	1a	< 5	< 0.2	16	< 1	< 2	110
1398101	1.53	40o/220o	521381	5400428	1a	< 5	< 0.2	9	2	< 2	104
1398102	1.51	14o/194o	521380	5400428	1a	< 5	< 0.2	11	18	< 2	131
1398103	1.54	14o/194o	521379	5400427	1a	< 5	< 0.2	49	47	< 2	139

1398104	1.52	14o/194o	521378	5400425	1a	< 5	< 0.2	55	47	2	122
1398105	1.08	14o/194o	521377	5400423	1a	< 5	< 0.2	55	48	< 2	125
1398106	1.09	14o/194o	521376	5400421	1a	< 5	< 0.2	32	5	2	**250**
1398107	1.51	14o/194o	521381	5400419	1a	< 5	< 0.2	31	3	< 2	**260**
1398108	1.53	14o/194o	521380	5400417	1a	< 5	< 0.2	56	3	3	**385**
1398109	1.52	14o/194o	521380	5400416	1a	< 5	< 0.2	39	1	10	**314**
1398110	1.49	14o/194o	521380	5400415	1a	< 5	< 0.2	51	1	4	**337**
1398111	1.55	14o/194o	521379	5400414	1a	< 5	< 0.2	25	2	< 2	**237**
1398112	1.50	14o/194o	521379	5400414	1b	< 5	< 0.2	11	1	2	**241**
1398113	1.55	14o/194o	521378	5400413	1b	< 5	< 0.2	10	1	< 2	**226**
1398114	1.52	14o/194o	521377	5400413	1b	< 5	< 0.2	16	< 1	< 2	**208**
1398115	1.28	14o/194o	521377	5400412	1b	< 5	< 0.2	22	< 1	6	**209**
1398116	1.61	14o/194o	521376	5400411	1b	< 5	< 0.2	16	2	4	174
1398117	1.49	14o/194o	521375	5400411	1b	< 5	< 0.2	15	4	4	183
1398118	1.50	14o/194o	521374	5400410	1b	< 5	< 0.2	6	< 1	3	176
1398119	1.47	14o/194o	521374	5400409	1a	< 5	< 0.2	15	2	< 2	151
1398120	1.52	14o/194o	521373	5400408	1a	< 5	< 0.2	18	2	3	150
1398121	1.52	14o/194o	521373	5400407	1a	< 5	< 0.2	15	2	< 2	148
1398122	1.28	14o/194o	521372	5400406	1a	< 5	< 0.2	12	< 1	< 2	158
1398123	1.52	14o/194o	521371	5400405	1a	< 5	< 0.2	15	< 1	< 2	172
1398124	1.52	14o/194o	521370	5400393	1a	< 5	< 0.2	26	3	< 2	198
1398125	1.41	14o/194o	521372	5400393	1a	< 5	< 0.2	17	< 1	< 2	193
1398126	1.50	14o/194o	521371	5400393	1a	< 5	< 0.2	9	< 1	3	**211**
1398127	1.52	14o/194o	521373	5400392	1a	< 5	< 0.2	15	2	< 2	174
1398128	1.49	14o/194o	521373	5400391	1a	< 5	< 0.2	10	< 1	2	151
1398129	1.50	14o/194o	521372	5400391	1a	< 5	< 0.2	20	2	< 2	129
1398130	0.65	14o/194o	521372	5400390	1b	< 5	< 0.2	51	< 1	3	132
1398131	1.35	14o/194o	521372	5400390	1b	< 5	< 0.2	16	82	< 2	130
1398132	1.40	14o/194o	521371	5400389	1b	< 5	< 0.2	38	1	2	195
1398133	1.53	14o/194o	521371	5400388	1b	< 5	0.2	16	< 1	< 2	188
1398134	1.51	14o/194o	521370	5400386	3b	< 5	< 0.2	12	2	2	133
1398135	1.20	14o/194o	521369	5400384	3b	< 5	< 0.2	9	< 1	< 2	149
1398136	1.55	14o/194o	521369	5400382	3b	< 5	< 0.2	9	< 1	< 2	141
1398137	1.57	14o/194o	521368	5400380	1b	< 5	< 0.2	41	3	< 2	178
1398138	1.47	14o/194o	521368	5400378	1b	< 5	< 0.2	22	1	2	172
1398139	1.52	14o/194o	521368	5400376	1b	< 5	< 0.2	11	< 1	2	186
1398140	1.53	354o/174o	521368	5400374	1b	< 5	< 0.2	11	4	< 2	141

1398141	1.22	354o/174o	521368	5400372	1b	< 5	< 0.2	10	< 1	< 2	160
1398142	1.04	354o/174o	521368	5400371	1b	< 5	< 0.2	12	< 1	< 2	162
1398143	1.41	354o/174o	521368	5400369	1b	< 5	< 0.2	10	1	< 2	151
1398144	1.56	354o/174o	521368	5400367	1b	< 5	< 0.2	18	< 1	< 2	166
1398145	1.55	354o/174o	521369	5400365	1b	< 5	< 0.2	25	3	< 2	176
1398146	1.46	354o/174o	521369	5400364	1b	< 5	< 0.2	4	1	< 2	171
1398147	1.48	180o/360o	521368	5400363	1b	< 5	< 0.2	8	2	< 2	170
1398148	1.10	180o/360o	521366	5400361	1b	< 5	< 0.2	15	3	5	119
1398149	1.42	180o/360o	521364	5400360	1b	< 5	< 0.2	17	2	< 2	149
1398150	1.35	180o/360o	521364	5400359	1b	< 5	< 0.2	2	< 1	< 2	**278**
1398151	1.20	180o/360o	521364	5400357	3b	< 5	< 0.2	32	2	< 2	**251**
1398152	1.48	180o/360o	521364	5400356	3b	< 5	< 0.2	15	< 1	4	**232**
1398153	1.46	180o/360o	521364	5400354	3b	< 5	0.2	23	< 1	< 2	**216**
1398154	0.50	180o/360o	521364	5400352	3b	< 5	0.2	27	< 1	< 2	**215**
1398155	0.80	180o/360o	521364	5400351	3b	< 5	< 0.2	9	2	< 2	194
1398156	1.30	180o/360o	521364	5400339	1a	< 5	< 0.2	38	2	3	**265**
1398157	1.43	180o/360o	521364	5400338	1a	< 5	0.2	13	3	< 2	**210**
1398158	1.48	180o/360o	521365	5400337	3b	< 5	< 0.2	13	< 1	< 2	**235**
1398159	1.44	180o/360o	521364	5400335	3b	< 5	< 0.2	18	3	< 2	**263**
1398160	1.42	180o/360o	521363	5400333	3b	**75**	< 0.2	9	< 1	< 2	**296**
1398161	1.51	180o/360o	521362	5400332	3b	< 5	< 0.2	44	4	< 2	**855**
1398162	1.46	180o/360o	521362	5400330	3b	< 5	< 0.2	18	< 1	< 2	**344**
1398163	1.45	180o/360o	521363	5400328	1b	< 5	< 0.2	1	< 1	< 2	**219**
1398164	1.44	180o/360o	521364	5400327	1b	< 5	< 0.2	< 1	1	< 2	173
1398165	1.46	180o/360o	521364	5400326	1b	< 5	< 0.2	11	< 1	3	135
1398166	1.30	180o/360o	521364	5400325	1b	< 5	< 0.2	1	2	< 2	127
1398167	1.24	180o/360o	521364	5400324	1b	< 5	< 0.2	3	< 1	< 2	113
1398168	1.20	180o/360o	521364	5400323	1b	< 5	< 0.2	1	4	< 2	124
1398169	1.51	180o/360o	521364	5400321	1b	< 5	< 0.2	13	2	< 2	131
1398170	1.40	180o/360o	521364	5400320	1b	< 5	< 0.2	< 1	2	< 2	153
1398171	0.60	180o/360o	521364	5400319	1b	< 5	< 0.2	18	< 1	3	92
1398172	1.45	180o/360o	521364	5400318	1b	< 5	< 0.2	53	2	< 2	108
1398173	1.43	180o/360o	521365	5400316	1b	< 5	< 0.2	4	1	3	109
1398174	1.46	180o/360o	521365	5400315	1b	< 5	< 0.2	9	2	< 2	86
1398175	1.46	180o/360o	521365	5400314	1b	9	< 0.2	1	2	< 2	112
1398176	1.42	180o/360o	521365	5400313	3b	< 5	< 0.2	16	1	< 2	170
1398177	0.80	180o/360o	521365	5400312	3b	25	< 0.2	1	4	< 2	**204**

1398178	1.41	180o/360o	521365	5400311	3b	< 5	< 0.2	21	25	2	188
1398179	1.72	180o/360o	521365	5400310	1a	< 5	< 0.2	51	43	4	135
1398180	1.40	160o/340o	521366	5400309	1a	< 5	< 0.2	< 1	1	< 2	95
1398181	1.77	160o/340o	521366	5400308	7b	< 5	< 0.2	8	1	3	93
1398182	0.46	160o/340o	521366	5400306	7b	< 5	< 0.2	63	31	3	95
1398183	1.05	160o/340o	521366	5400305	7b	< 5	0.2	81	33	6	104
1398184	1.53	160o/340o	521366	5400304	7b	< 5	< 0.2	50	35	2	90
1398185	1.50	160o/340o	521366	5400303	7b	< 5	< 0.2	49	31	2	86
1398186	1.51	160o/340o	521366	5400302	7b	< 5	< 0.2	64	37	3	80
1398187	1.50	160o/340o	521366	5400301	7b	< 5	< 0.2	30	34	2	95
1398188	1.44	160o/340o	521367	5400299	7b	< 5	< 0.2	54	35	4	88
1398189	1.50	101o/190o	521367	5400297	7b	< 5	< 0.2	66	41	3	85
1398190	1.46	101o/190o	521367	5400295	7b	< 5	< 0.2	72	36	4	87
1398191	1.50	101o/190o	521368	5400293	7b	< 5	< 0.2	35	14	3	102
1398192	1.49	101o/190o	521368	5400291	7b	< 5	< 0.2	41	12	4	110
1398193	1.52	101o/190o	521368	5400289	7b	12	< 0.2	28	5	7	98
1398194	0.60	101o/190o	521368	5400287	7b	< 5	< 0.2	2	3	10	75
1398195	1.40	152o/232o	521368	5400285	7b	6	< 0.2	8	1	4	118
1398196	1.41	152o/232o	521373	5400283	7b	< 5	< 0.2	6	5	5	115
1398197	1.55	152o/232o	521374	5400281	7b	< 5	< 0.2	5	1	5	92
1398198	1.45	152o/232o	521375	5400280	3b	**751**	< 0.2	25	1	3	94
1398199	0.84	152o/232o	521375	5400278	3b	37	< 0.2	8	< 1	3	98
1398200	1.48	152o/232o	521376	5400276	3b	< 5	< 0.2	4	< 1	3	95
1398201	1.05	152o/232o	521376	5400275	3b + QV	< 5	< 0.2	2	< 1	8	78
1398202	1.50	152o/232o	521376	5400274	3b + QV	< 5	< 0.2	8	2	2	29
1398203	1.52	152o/232o	521377	5400273	3b + QV	< 5	< 0.2	23	14	< 2	37
1398204	1.53	152o/232o	521378	5400272	3b + QV	< 5	< 0.2	17	11	< 2	23
1398205	1.53	152o/232o	521377	5400270	3b + QV	< 5	< 0.2	5	3	3	14
1398206	1.52	152o/232o	521377	5400269	3b + QV	< 5	< 0.2	5	2	< 2	14
1398207	0.90	152o/232o	521376	5400267	3b + QV	< 5	< 0.2	7	3	2	10

Figure 6b: T-Trench and Shaft Trench (5420 Zone)



C. Shaft Trench (L54E West Trench / 5420 Zone)

Based upon some mapping results and this stripping on the T-Trench, further stripping was done 40m west of the T-trench, known as the Shaft Trench (west trench). An area 85m x 2.5m was stripped on mining claim 4266168. This was to test the alteration and gold mineration located in trench 3 (2.81 gpt Au), aka the Shaft and trench 4 (2.56 gpt Au).

See previous page for Shaft Trench sampling. Three strongly anomalous and five elevated assays were located across this 75m chipped zone. They were:
1) Sample 1398250 yielded highly anomalous **8.20 gpt Au and 6.4 gpt Ag over 1.49m** in this silica flooded, ankerite-sericite altered felsic flow with 3-5% py-po-cpy-aspy.
2) Sample 1398255 yielded highly anomalous **1.22 gpt Au over 1.49m** in the shear gabbro plus >10% quartz veins with 2% py-po; at the contact with the silica flooded, ankerite-sericite altered felsic flow.
3) Sample 1398259 yielded highly anonalous **1.86 gpt Au over 1.57m** in sheared gabbro plus >10% quartz veins with 2% py-po.
4) Sample 1398258 yielded elevated 0.27 gpt Au in sheared gabbro plus <5% quartz veins with <1% py-po.
5) Sample 1398266 yielded weakly elevated 0.05 gpt Au in sheared gabbro plus <5% quartz veins with <2% py-po.
6) Sample 1398267 yielded elevated 0.17 gpt Au in sheared calcite-quartz altered gabbro with <2% py-po.
7) Sample 1398268 yielded elevated 0.10 gpt Au in sheared calcite-quartz altered gabbro with <2% py-po.
8) Sample 1398276 yielded weakly elevated 0.07 gpt Au in sheared gabbro plus <5% quartz veins with <2% py-po.

Table 7c – Sampling and Assays from the Shaft Trench (Cat Key Property, NuVision Res.)

Sample No.	Length m	AZM	Easting	Northing	Rock Type	Au ppb	Ag ppm	Cu ppm	Ni ppm	Pb ppm	Zn ppm
1398250	1.49	310o/130o	521334	5400236	3b + QV	**8200**	**6.4**	22	3	4	18
1398251	1.53	310o/130o	521336	5400238	3b + QV	19	< 0.2	8	4	3	18
1398252	0.85	310o/130o	521337	5400241	3b + QV	22	< 0.2	3	1	3	18
1398253	1.34	344o/164o	521335	5400238	3b + QV	8	< 0.2	15	4	3	24
1398254	1.15	344o/164o	521335	5400239	3b + QV	< 5	< 0.2	7	< 1	3	20
1398255	1.49	344o/164o	521334	5400241	7b +QV	**1220**	< 0.2	20	< 1	< 2	140
1398256	1.50	344o/164o	521333	5400242	7b	< 5	< 0.2	18	1	3	126
1398257	1.51	344o/164o	521332	5400243	7b	47	0.5	20	2	< 2	90
1398258	1.94	344o/164o	521332	5400245	7b	**273**	< 0.2	68	< 1	2	86
1398259	1.57	344o/164o	521331	5400246	7b +QV	**1860**	0.3	90	< 1	< 2	74
1398260	1.52	344o/164o	521331	5400248	7b	< 5	< 0.2	12	< 1	4	151

1398261	1.55	354o/174o	521332	5400249	7b	7	< 0.2	12	3	2	119
1398262	1.53	354o/174o	521332	5400251	7b	< 5	< 0.2	11	< 1	< 2	89
1398263	1.53	354o/174o	521334	5400253	7b	< 5	< 0.2	9	< 1	3	103
1398264	1.51	354o/174o	521336	5400256	7b	< 5	< 0.2	2	< 1	< 2	128
1398265	1.54	354o/174o	521327	5400258	7b	< 5	< 0.2	11	< 1	3	**209**
1398266	1.52	05o/185o	521327	5400259	7b	**51**	< 0.2	33	< 1	5	113
1398267	1.62	05o/185o	521327	5400260	7f + QCV	**170**	< 0.2	51	36	9	52
1398268	1.07	05o/185o	521327	5400261	7f + QCV	**100**	0.5	26	4	173	411
1398269	1.52	05o/185o	521326	5400262	7f	21	< 0.2	13	2	8	194
1398270	1.55	05o/185o	521325	5400263	7f	< 5	< 0.2	13	< 1	2	87
1398271	0.83	05o/185o	521334	5400264	7f	< 5	< 0.2	33	2	6	85
1398272	0.75	05o/185o	521333	5400264	7f	5	< 0.2	4	< 1	3	122
1398273	1.52	05o/185o	521331	5400265	7f	49	< 0.2	8	1	5	93
1398274	1.51	05o/185o	521330	5400265	7f	< 5	< 0.2	9	2	4	106
1398275	1.53	05o/185o	521330	5400267	7f	< 5	< 0.2	6	< 1	6	101
1398276	1.55	05o/185o	521330	5400269	7f	**69**	< 0.2	15	< 1	30	167
1398277	1.90	05o/185o	521330	5400272	7f	10	< 0.2	13	2	4	**206**
1398278	1.42	05o/185o	521330	5400274	7f	< 5	< 0.2	9	3	5	121
1398279	1.52	05o/185o	521330	5400275	7f	< 5	< 0.2	8	1	7	93
1398280	2.17	05o/185o	521330	5400276	7f	< 5	< 0.2	6	1	4	101
1398281	1.53	08o/188o	521325	5400281	7f	< 5	0.3	34	11	3	112
1398282	1.49	08o/188o	521326	5400282	7f	< 5	0.2	40	11	3	106
1398283	1.45	08o/188o	521326	5400284	7f	< 5	< 0.2	38	37	< 2	92
1398284	1.23	08o/188o	521327	5400285	7f	< 5	0.2	54	38	< 2	72
1398285	1.51	342o/172o	521326	5400286	7f	< 5	< 0.2	56	33	< 2	81
1398286	1.53	342o/172o	521325	5400287	7f	< 5	< 0.2	55	39	< 2	102
1398287	1.70	342o/172o	521323	5400289	7f	< 5	< 0.2	24	34	< 2	98
1398288	1.68	342o/172o	521325	5400292	1b	< 5	< 0.2	48	34	< 2	79
1398289	1.68	342o/172o	521324	5400292	1b	< 5	< 0.2	39	40	< 2	87
1398290	1.70	342o/172o	521324	5400293	1b	< 5	< 0.2	50	34	3	81
1398291	1.33	342o/172o	521323	5400294	1b	< 5	< 0.2	36	32	< 2	84
1398292	1.39	342o/172o	521324	5400300	1b	< 5	< 0.2	< 1	< 1	< 2	174
1398293	1.63	342o/172o	521324	5400301	1b	< 5	< 0.2	2	< 1	2	**277**
1398294	1.55	342o/172o	521324	5400303	1b	< 5	< 0.2	2	2	< 2	109
1398295	1.52	342o/172o	521324	5400304	1b	< 5	< 0.2	< 1	2	< 2	82
1398296	1.50	342o/172o	521325	5400305	1b	< 5	< 0.2	5	< 1	< 2	103
1398297	1.52	342o/172o	521325	5400306	1b	< 5	< 0.2	33	36	< 2	115
1398298	1.56	342o/172o	521325	5400307	1b	< 5	< 0.2	18	20	< 2	116
1398299	0.70	342o/172o	521325	5400308	1b	< 5	< 0.2	11	3	< 2	111

D. Bush Rat Trench (L60E)

In the summer of 2014, a small trench (aka Bush Rat), 8m x 2.5m x 1m, was located at grid location L60E & 16+90N (UTM 522026E, 5400399N). It consisted of chlorite-ankerite altered felsic volcanics with silica zones (1-2m) and minor sulphides (>5% Py-Po-Cpy +/- Sph). Anomalous gold values, from 0.24-0.67 gpt Au, were located within this alteration system.

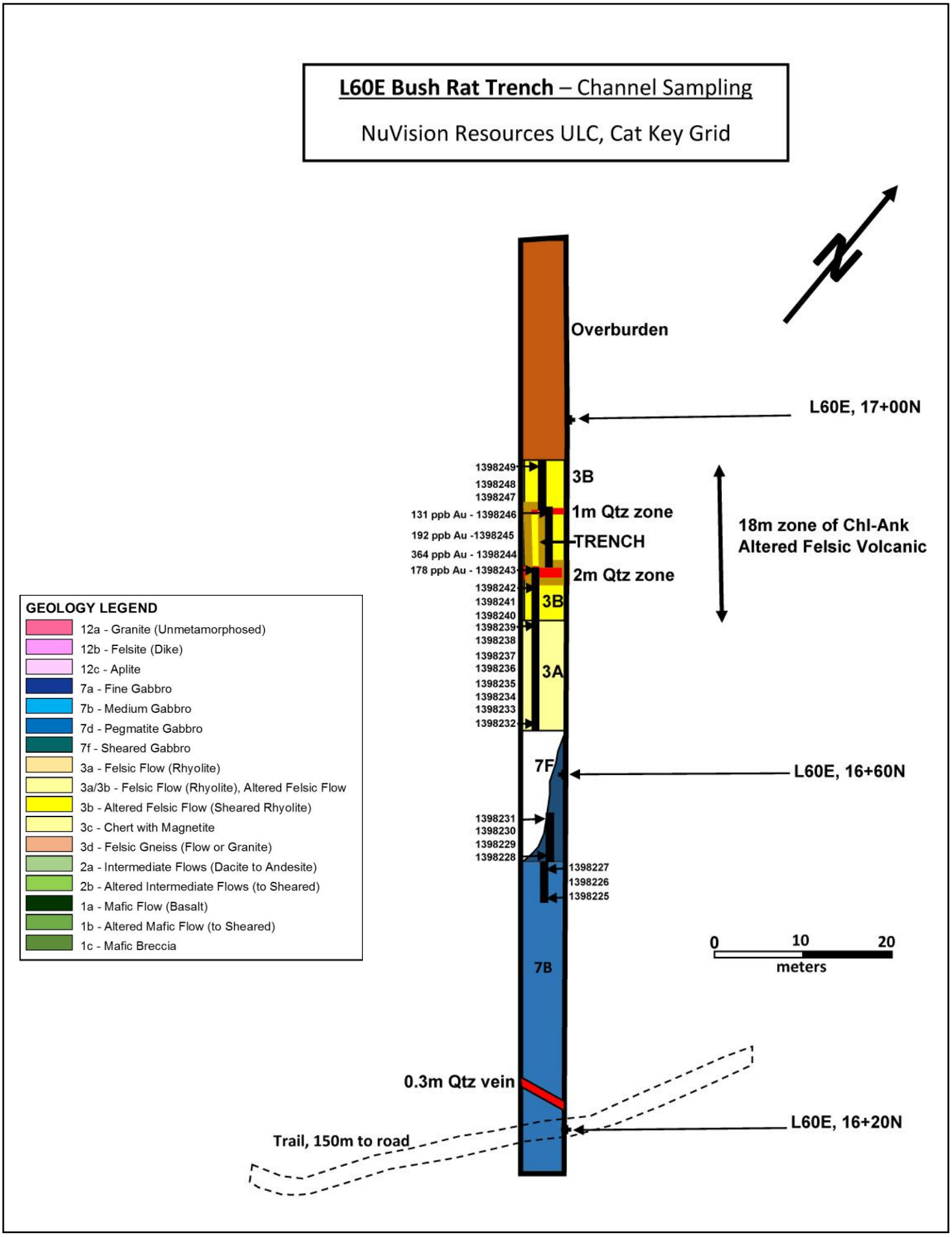
An area 160m x 3m was stripped along survey line L60E, on mining claim 4266168. This was to test the alteration and gold mineralization located in the Bush Rat Trench.

A 18m wide zone of chlorite-ankerite alteration of felsic volcanic flows with up to 5% py-po and tr-2% cpy-moly and two 1-2m wide zones of 30-50% quartz veins. The best assays were from samples 1398243 – 1398246 and yielded 6.55m of 216 ppb Au.

Table 7D – Sampling and Assays from the Bush Rat Trench (Cat Key Property, NuVision Res.)

Sample No.	Length m	AZM	Easting	Northing	Rock Type	Au ppb	Ag ppm	Cu ppm	Ni ppm	Pb ppm	Zn ppm
1398225	1.57	325o/145o	522049	5400370	7b	< 5	< 0.2	14	2	3	141
1398226	1.55	325o/145o	522048	5400370	7b	< 5	< 0.2	14	3	6	130
1398227	1.55	325o/145o	522046	5400371	7b	6	< 0.2	11	2	4	182
1398228	1.46	325o/145o	522045	5400371	7b	< 5	< 0.2	17	5	45	**237**
1398229	1.53	325o/145o	522044	5400372	7f	< 5	< 0.2	15	1	8	121
1398230	1.45	325o/145o	522044	5400373	7f	< 5	< 0.2	10	< 1	4	175
1398231	1.56	325o/145o	522043	5400374	7f	< 5	< 0.2	25	15	5	126
1398232	1.45	325o/145o	522035	5400378	2a	< 5	< 0.2	11	< 1	< 2	143
1398233	1.51	325o/145o	522033	5400380	2a	< 5	< 0.2	12	1	< 2	133
1398234	1.54	325o/145o	522031	5400381	2a	< 5	< 0.2	11	< 1	< 2	126
1398235	1.57	325o/145o	522029	5400383	2a	< 5	< 0.2	3	< 1	< 2	135
1398236	1.50	325o/145o	522028	5400384	2a	< 5	< 0.2	8	2	< 2	104
1398237	1.58	325o/145o	522028	5400386	2a	< 5	< 0.2	3	< 1	< 2	105
1398238	1.57	325o/145o	522028	5400388	2a	7	< 0.2	9	< 1	< 2	111
1398239	1.56	325o/145o	522028	5400390	2a	< 5	< 0.2	11	< 1	3	121
1398240	1.54	325o/145o	522028	5400392	2b	< 5	< 0.2	17	1	3	101
1398241	1.55	324o/144o	522028	5400394	2b	< 5	< 0.2	16	75	7	82
1398242	1.10	324o144o	522027	5400396	2b	11	< 0.2	24	63	3	68
1398243	1.66	340o/160o	522027	5400398	2b + QV	**131**	< 0.2	31	1	3	50
1398244	1.77	340o/160o	522026	5400400	2b	**192**	< 0.2	38	< 1	2	73
1398245	1.64	336o/156o	522025	5400402	2b	**364**	< 0.2	20	< 1	< 2	67
1398246	1.48	336o/156o	522022	5400403	2b + QV	**178**	< 0.2	28	< 1	3	57
1398247	1.50	332o/152o	522021	5400404	2b	< 5	< 0.2	13	< 1	< 2	134
1398248	1.64	332o/152o	522020	5400405	2b	7	< 0.2	6	< 1	2	105
1398249	0.68	332o/152o	522020	5400406	2b	6	< 0.2	6	2	< 2	102

Figure 6c: L60E Bush Rat Trench



E. Thompson Porphyry (L38+50E)

An “cross-shaped” area 120m x 5m and 40m x 6m was stripped on mining claim 4266167. This was to test the alteration and gold mineralization located in the Thompson Trail Trench (1.46 gpt Au).

In 2008, Sedex Mining Corp. hired Mr. Andrew Tims (PGeo) to complete a 10-day stripping program on the Thompson Gold Showings (520370E, 5399276N, Zone 15). Two areas were investigated for gold potential:
a) West Trench - an area 45m x 25m was stripped along 060^{o} axis, exposing moderate to strongly sheared, chlorite–calcite–ankerite altered mafic flows (pillows) with minor felsic dikes (to porphyry). Best assay was 2.74 gpt Au along a 1m channel @ 060^{o}.
b) East Trench – an area 75m x 25m was stripped along 325^{o} axis, exposing sheared, quartz-eye tuffs (rhyolite-dacite). with weak to moderate shearing. Best assay was 0.30 gpt Au along a 1m channel @ 240^{o}.

During the 2014 mapping, several grab and channel samples were taken with the best assay was a 0.8m chip sample of a quartz-pyrite vein in sheared, carbonate–quartz altered mafic volcanics yielding 0.31 gpt Au @ 325^{o} in the West Trench. During this mapping program, the Thompson Alteration Zone (chlorite–ankerite–calcite alteration with quartz veining and pyrite), similar to Thompson West Trench, was traced over 1600m (L30E to L46E), at an azimuth of 060o. This unit is typically exposed for 25-50m thick (@ 325^{o}) but may be up to 80m thick. The best assay was a grab sample that yielded 1.46 gpt Au from blast pit two (aka Thompson Trail Trench or later known as Thompson Porphyry) at grid location L38+60E and 17+50N.

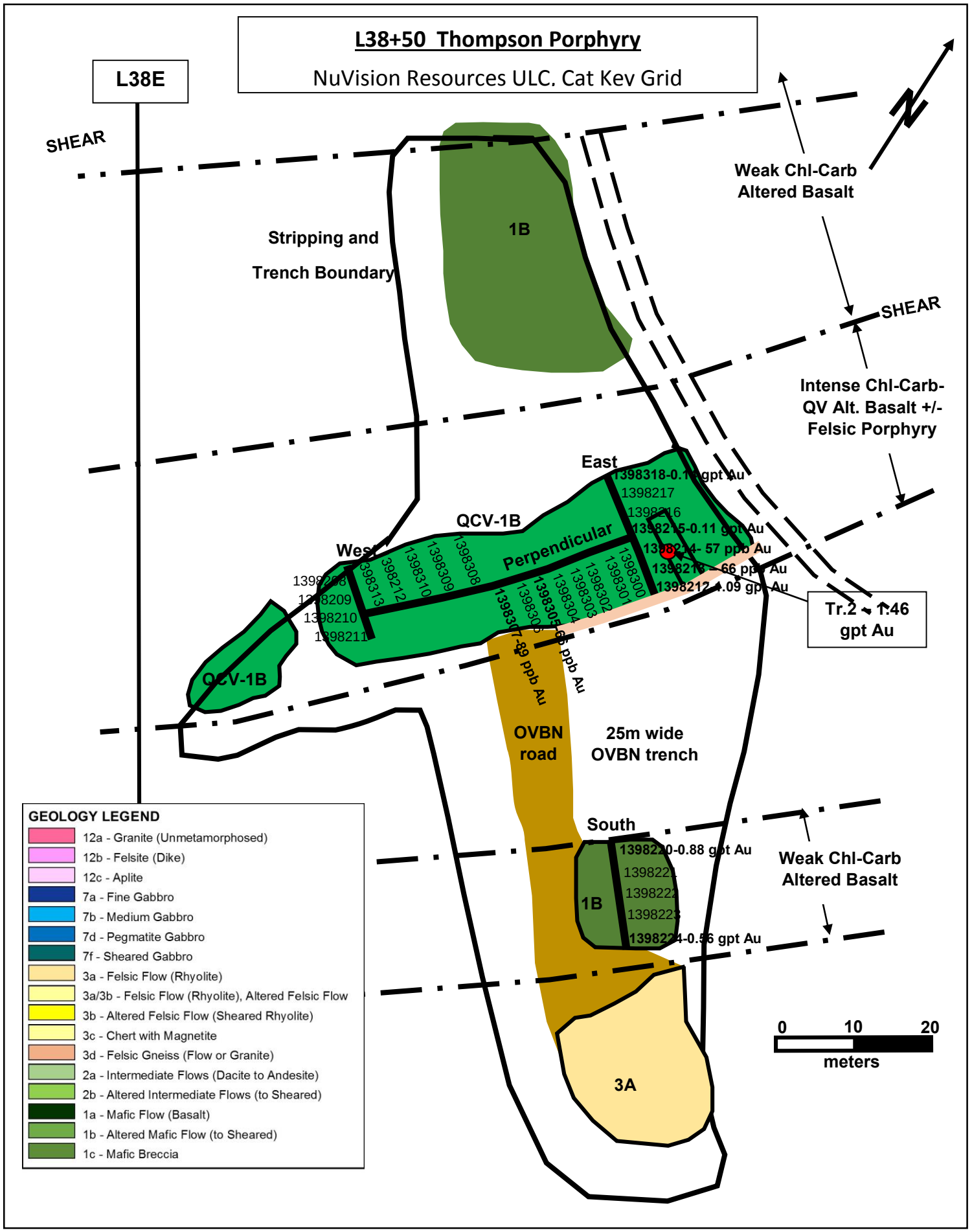
An “cross-shaped” area 120m x 5m and 40m x 6m, was stripped on mining claim 4266167, to test the alteration and gold mineralization located in the Thompson Trail Trench (1.46 gpt Au). This large area was channel sampled in four separate areas; see figure 6D below. They were:

1. Thompson Zone West – a 6.36m channel taken but no elevated gold values (over 0.1 gpt Au) in the carbonate-quartz altered basalt +/- porphyry zone.
2. Thompson Zone East – a 11.30m channel taken in the carbonate-quartz altered basalt +/- porphyry zone. One anomalous value of **1.09 gpt Au over 1.64m** (1398212) and two elevated values of 113 ppb Au (1398215) and 142 ppb Au (1398218) and two weakly elevated vaules of 66 ppb Au (1398213) ans 57 ppb Au (1398214).
3. Thompson Zone South – a 7.18m channel taken in the chlorite-calcite altered basalt +/- quartz veins with tr-1% py. Two anomalous values of **0.88 gpt Au over 0.90m** (1398220) and **0.56 gpt Au over 1.63m** (1398224).
4. Thompson Zone Perpendicular - a 21.43m channel taken in the carbonate-quartz altered basalt +/- felsic porphyry zone. Two weakly elevated value of 66 ppb Au (1398305) and 89 ppb Au (1398307).

Table 7e – Sampling and Assays from the Thompson Porphyry (Cat Key Property, NuVision Res.)

Site	Sample No.	Length m	AZM	Easting	Northing	Rock Code	Au ppb	Ag ppm	Cu ppm	Ni ppm	Pb ppm	Zn ppm
TP West	**1398208**	1.48	145o/325o	520208	5399192	1B	31	< 0.2	6	< 1	< 2	13
TP West	**1398209**	1.61	145o/325o	520208	5399191	1B	< 5	< 0.2	8	4	< 2	14
TP West	**1398210**	1.63	145o/325o	520207	5399190	1B	< 5	< 0.2	11	< 1	< 2	12
TP West	**1398211**	1.64	145o/325o	520207	5399189	1B	16	< 0.2	10	2	< 2	12
TP East	**1398212**	1.64	145o/325o	520288	5399202	1B	**1090**	0.4	45	9	< 2	24
TP East	**1398213**	1.62	145o/325o	520229	5399200	1B	**66**	< 0.2	16	5	< 2	15
TP East	**1398214**	1.64	145o/325o	520229	5399198	1B	**57**	< 0.2	26	4	< 2	18
TP East	**1398215**	1.64	145o/325o	520230	5399196	1B	**113**	< 0.2	20	2	< 2	10
TP East	**1398216**	1.63	145o/325o	520232	5399136	1B	35	< 0.2	12	4	< 2	15
TP East	**1398217**	1.63	145o/325o	520234	5399194	1B	18	< 0.2	18	4	< 2	14
TP East	**1398218**	1.50	145o/325o	520235	5399194	1B	**142**	< 0.2	10	2	< 2	8
Void	**1398219**	VOID	VOID	VOID	VOID	1B	VOID	VOID	VOID	VOID	VOID	VOID
TP South	**1398220**	0.90	145o/325o	520251	5399180	1B	**878**	0.2	8	18	< 2	93
TP South	**1398221**	1.55	145o/325o	520250	5399178	1B	6	< 0.2	2	20	< 2	105
TP South	**1398222**	1.54	145o/325o	520249	5399176	1B	< 5	< 0.2	3	19	< 2	137
TP South	**1398223**	1.46	145o/325o	520249	5399174	1B	< 5	< 0.2	8	7	< 2	125
TP South	**1398224**	1.63	145o/325o	520248	5399173	1B	**562**	0.3	16	1	< 2	99
TP Perp	**1398300**	1.47	236o/56o	520208	5399186	1B	18	< 0.2	16	3	2	29
TP Perp	**1398301**	1.55	236o/56o	520209	5399186	1B	< 5	< 0.2	8	2	< 2	38
TP Perp	**1398302**	1.56	236o/56o	520210	5399186	1B	23	< 0.2	8	3	< 2	47
TP Perp	**1398303**	1.52	236o/56o	520211	5399186	1B	< 5	< 0.2	11	2	< 2	26
TP Perp	**1398304**	1.52	228o/48o	520213	5399187	1B	< 5	< 0.2	15	2	< 2	8
TP Perp	**1398305**	1.60	228o/48o	520213	5399189	1B	**66**	< 0.2	7	< 1	< 2	9
TP Perp	**1398306**	1.63	228o/48o	520214	5399190	1B	29	< 0.2	12	< 1	2	16
TP Perp	**1398307**	1.54	228o/48o	520216	5399191	1B	**89**	< 0.2	11	2	< 2	13
TP Perp	**1398308**	1.56	228o/48o	520218	5399192	1B	< 5	< 0.2	18	3	< 2	15
TP Perp	**1398309**	1.51	228o/48o	520221	5399193	1B	33	< 0.2	9	< 1	3	16
TP Perp	**1398310**	1.55	228o/48o	520222	5399193	1B	20	< 0.2	22	1	2	13
TP Perp	**1398311**	1.51	228o/48o	520223	5399193	1B	6	< 0.2	17	2	3	19
TP Perp	**1398312**	1.50	228o/48o	520224	5399194	1B	6	< 0.2	16	< 1	3	17
TP Perp	**1398313**	1.28	228o/48o	520225	5399194	1B	44	< 0.2	12	2	< 2	13

Figure 6d: Thompson Zone



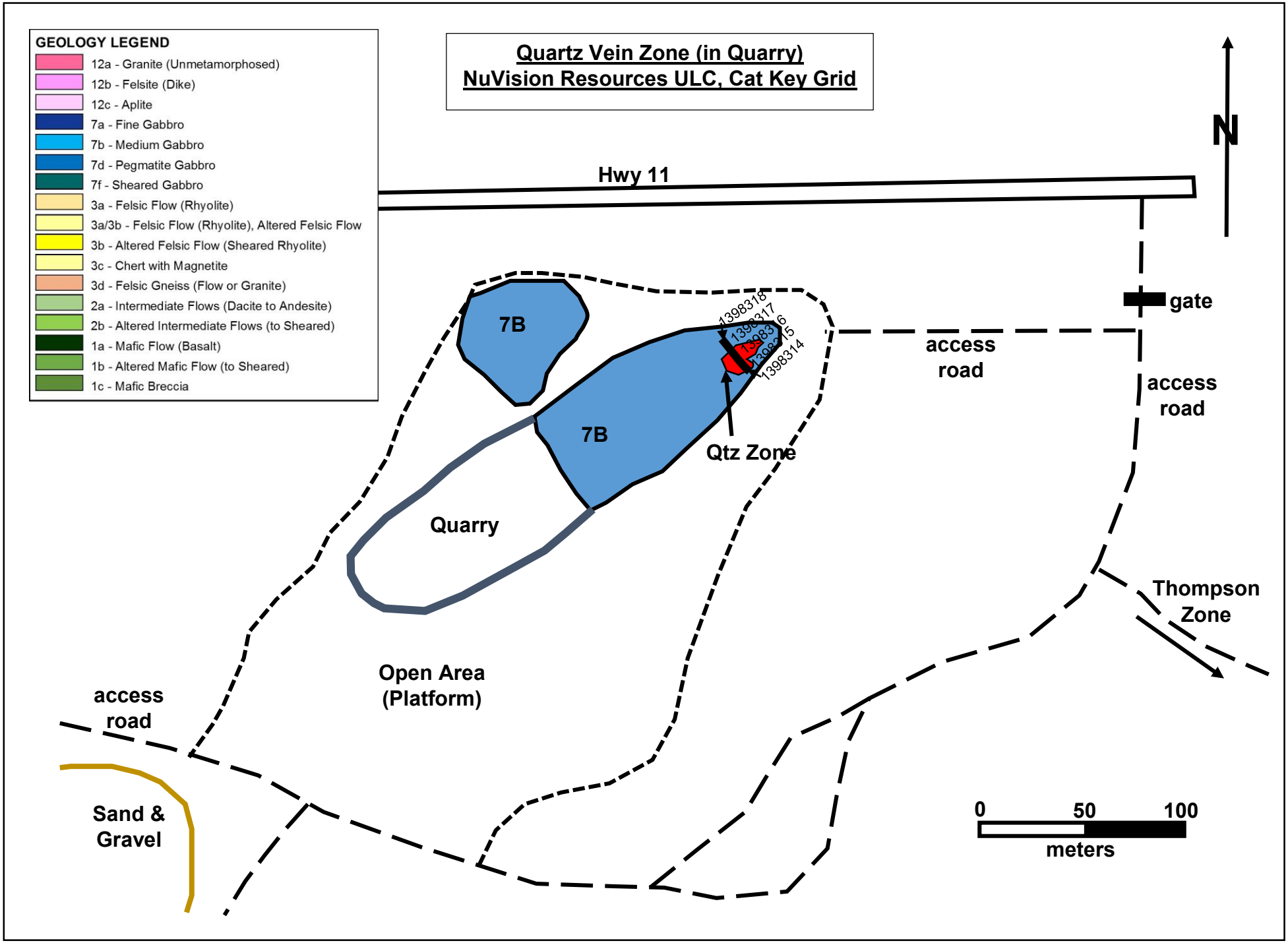
F. Quartz Zone (L35E)

An area 8m x 1m was manually cleaned and channel sampled for gold mineralization but only weak base metal assays (0.02% Cu) were achieved.

Table 7f: Sampling and Assays from the Qtz Vein Zone (Cat Key Property, NuVision Res.)

Sample No.	Length m	AZM	Easting	Northing	Rock Type	Au ppb	Ag ppm	Cu ppm	Ni ppm	Pb ppm	Zn ppm
1398314	1.45	144o/324o	519646	5399396	QV-7b	< 5	< 0.2	44	10	< 2	33
1398315	1.59	144o/324o	519647	5399394	QV-7b	< 5	< 0.2	74	21	< 2	67
1398316	1.54	144o/324o	519649	5399393	QV-7b	< 5	< 0.2	114	10	< 2	40
1398317	1.50	144o/324o	519650	5399392	QV-7b	< 5	< 0.2	116	10	< 2	43
1398318	1.68	144o/324o	519651	5399391	7b-QV	< 5	< 0.2	**228**	23	< 2	56

Figure 6e: Quartz Vein Zone (in Quarry)



G. Gabbro Zone (L22E)

In the summer of 2014, a 100m thicket unit of layered gabbro was located on L22E from 32+90N (65m north of Hwy 11) to 31+85N (30m south of Hwy 11). From grid north to south, along L22E, it consists of:

Zone	Thickness	Rock Type	Description
North Contact	>15m	3b	sheared / altered felsic volcanic (flows)
6	2-3m	7f	fine-grained, sheared gabbro
5	12m	7c	coarse grained, melanogabbro
4	15m	7c – 7d	coarse grained, melanogabbro +/- 20% pods of pegmatite gabbro + 5% Py-Po-Cpy
3	15m	7b – 7d	medium to coarse grained, leucogabbro
2	5-10m	7b	medium grained, gabbro with 1-2% Cpy-Py-Po
nil	20m	nil	Hwy 11 covers unit
1	>20m	7a – 7b	fine to medium gabbro + 1% Py-Po

This layered gabbro unit, formerly mapped as 7 (coarse grained mafic intrusives), is one of nine units mapped by Poulsen on the Cat Key Property. This author has confirmed at least one other unit 7 is a layered gabbro so the remaining units may have potential for being mis-identified. These other unit 7 may also have potential for PGM mineralization.

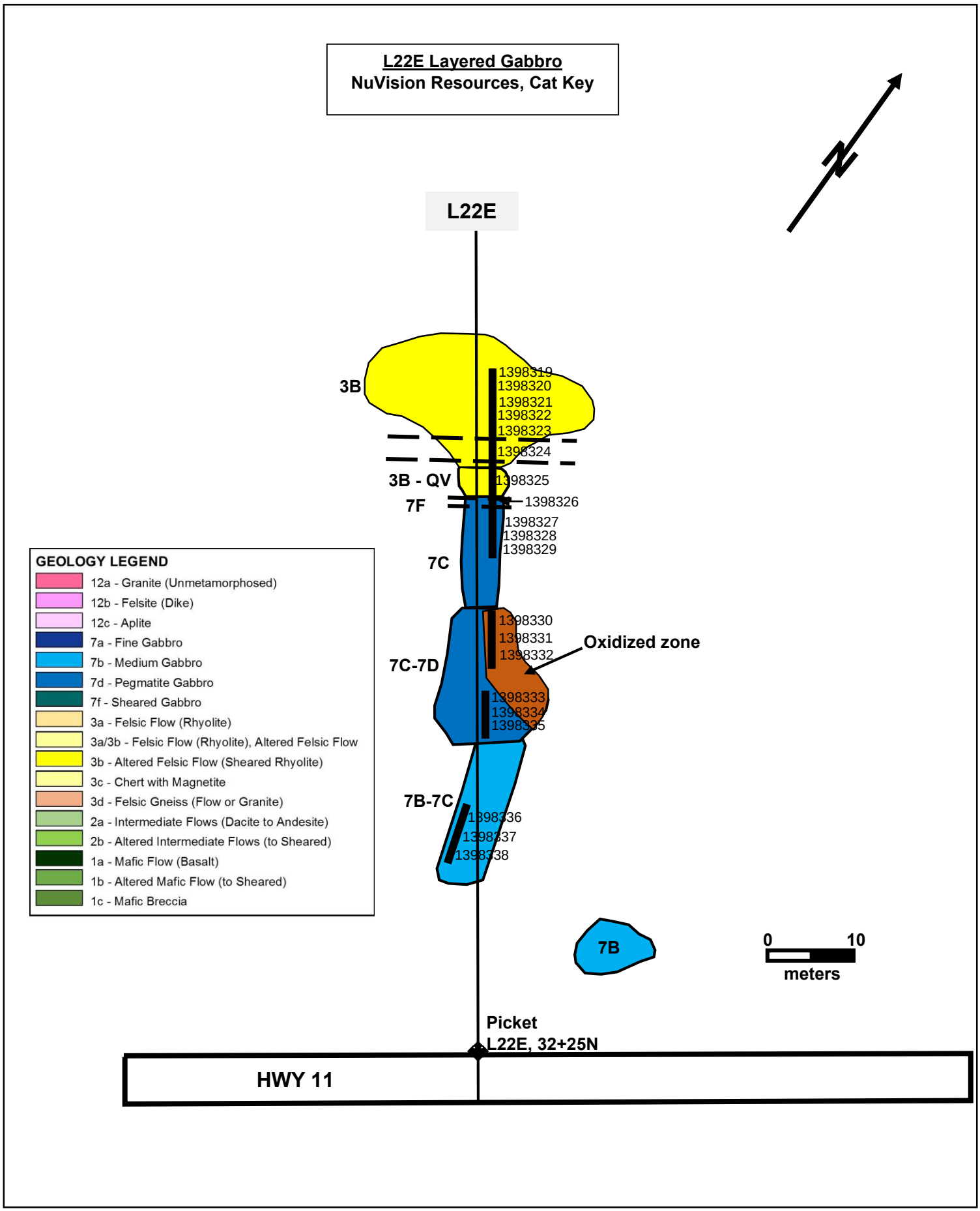
Approximately 1/2 of this unit was located north of Hwy 11 and an area 70m x 3m was stripped on mining claim 4266161. This was to test the north half of a layered gabbro intrusion for Cu-Ni-PGE mineralization. See table 6F.

Table 7g: Sampling and Assays from the L22E Gabbro Zone (Cat Key Property, NuVision Res.)

Sample No.	Length m	AZM	Easting	Northing	Rock Type	Au ppb	Ag ppm	Cu ppm	Ni ppm	Pb ppm	Zn ppm	Pt ppb	Pd ppb
1398319	1.10	114o/294o	518008	5399523	3b	< 5	0.3	47	< 1	3	14	na	na
1398320	1.47	114o/294o	518009	5399525	3b	< 5	< 0.2	103	< 1	3	12	na	na
1398321	1.44	130o/310o	518011	5399526	3b	< 5	0.4	42	1	3	14	na	na
1398322	1.38	130o/310o	518012	5399526	3b	< 5	0.4	40	1	< 2	28	na	na
1398323	0.74	130o/310o	518013	5399523	3b	< 5	0.4	32	< 1	3	19	na	na
1398324	0.73	144o/334o	518016	5399517	3b	< 5	< 0.2	5	< 1	2	20	na	na
1398325	1.05	144o/334o	518017	5399516	3b	< 5	0.3	11	< 1	2	35	na	na
1398326	1.35	144o/334o	518019	5399515	7f	< 2	< 0.2	33	14	< 2	147	< 5	< 5
1398327	1.93	140o/320o	518021	5399517	7c	< 2	< 0.2	18	16	< 2	139	< 5	< 5
1398328	1.35	140o/320o	518020	5399516	7c	< 2	< 0.2	18	16	< 2	118	< 5	< 5
1398329	1.46	140o/320o	518020	5399515	7c	< 2	< 0.2	21	15	< 2	117	< 5	< 5
1398330	1.46	140o/320o	518019	5399514	7c	< 2	< 0.2	54	20	< 2	105	< 5	< 5
1398331	1.50	122o/302o	518028	5399508	7c	< 2	< 0.2	161	< 1	< 2	103	< 5	< 5
1398332	1.33	122o/302o	518029	5399507	7c	< 2	< 0.2	70	1	2	154	< 5	< 5
1398333	1.55	122o/302o	518031	5399504	7c-7d	< 2	< 0.2	49	1	< 2	104	< 5	< 5

1398334	1.51	108o/288o	518030	5399503	7c-7d	< 2	< 0.2	16	< 1	< 2	134	< 5	< 5
1398335	1.42	108o/288o	518030	5399502	7c-7d	< 2	< 0.2	33	1	< 2	136	< 5	< 5
1398336	1.52	174o/354o	518037	5399494	7b-7c	< 2	< 0.2	19	< 1	< 2	134	< 5	< 5
1398337	1.48	174o/354o	518038	5399494	7b-7c	< 2	< 0.2	18	1	< 2	147	< 5	< 5
1398338	1.60	174o/354o	518039	5399494	7b-7c	< 2	< 0.2	15	< 1	< 2	**219**	< 5	< 5

Figure 6f: L22E Gabbro Zone



H. Gabbro Zone (L20E)

Approximately 1/2 of this unit was located south of Hwy 11 and an area 70m x 3m was stripped on mining claim 4266161. This was to test the south half of a layered gabbro intrusion for Cu-Ni-PGE mineralization

An area 60m x 3m was stripped on mining claim 4266161. This was to test the south half of a layered gabbro intrusion for Cu-Ni-PGE mineralization. Due to the results of this stripping, only limited sulphide content was located (under 2% py-po) at this time. This author believes detailed mapping and sampling is waranted when there is sufficient time to examine this layered gabbro (Spring, 2015) in detail.

Based upon the geophysical survey completed by GeoSig Inc in the Spring of 2014, there may be an associated VLF-EM anomaly that may terminate near this outcrop and continue to the southwest.

14- Geophysics

Ground geophysics, both magnetometer and electromagnetic, was completed on the cut grid and flagged lines by P. Simoneau (MSc., PGeo.) of GeoSig Inc. in May of 2014 for NuVision Resources ULC (Project #330.01). This report has been submitted (Jan 29/15) for Assessment Work to the Ministry of Northern Development and Mines.

The ground geophysical surveys have identified the following targets areas on the Cat Key Property:

1. The magnetic survey had a high correspondence with the geological map.
2. The VLF anomalies are generally not corresponding to the magnetic horizon but are nearby and may follow the geological contacts between different kinds of volcanic layers.
3. In A-Block – 23 VLF-EM anomalies with associated ENE magnetic low and highs.
4. In B-Block - 18 VLF-EM anomalies with associated easterly-trending, magnetic low and highs.

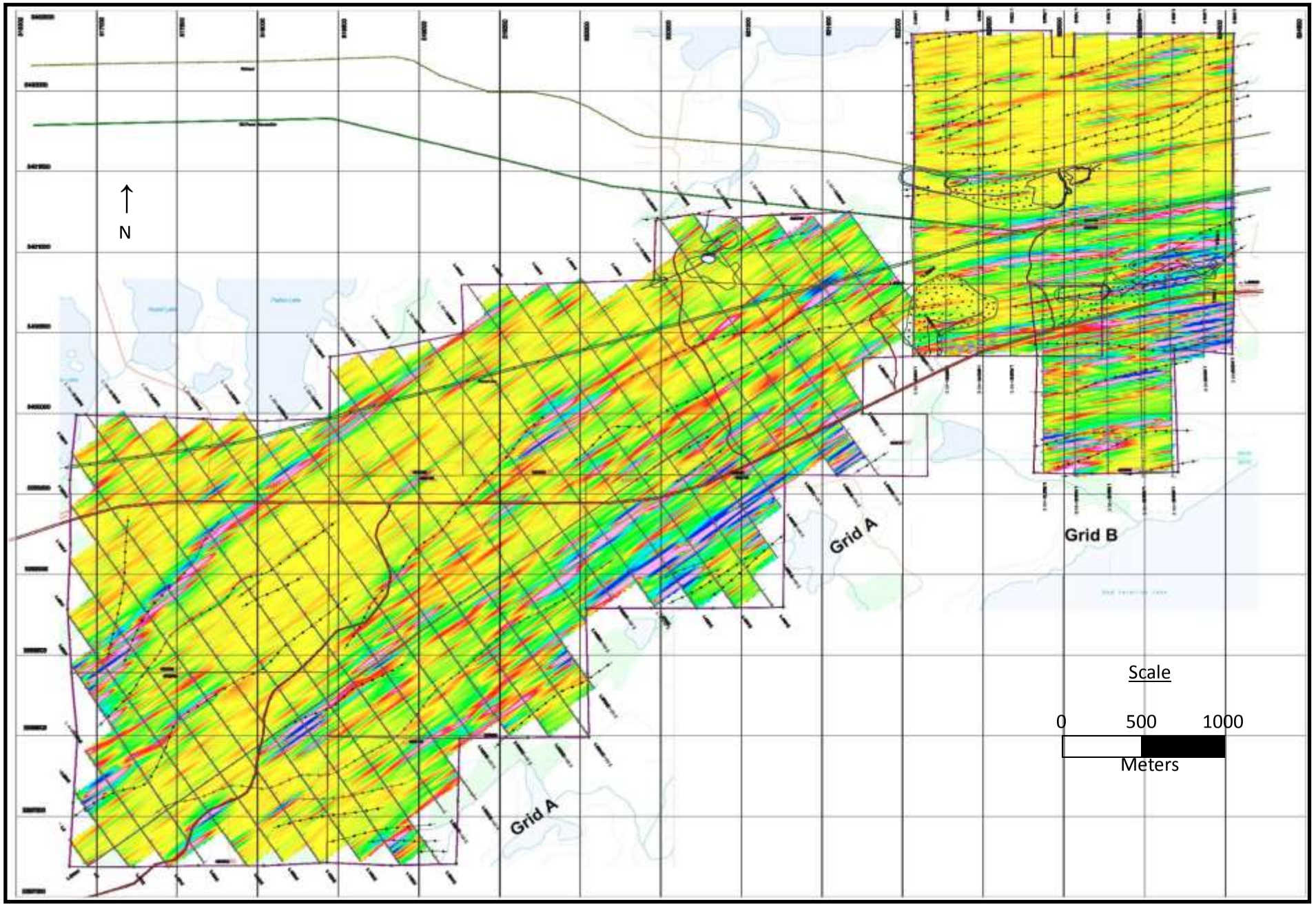


Figure 7: Total Magnetics (2nd Derivative) and VLF-EM anomalies on the Cat Key Grid (Simoneau, 2014)

15 - Geochemistry

Soil sampling, by KLB Outdoor Exploration of Fort Frances, using the Soil Gas Hydrocarbon methodology to test the property at 50m intervals along the cut lines. Original testing was at 400m intervals (aka every second cut line) and based upon encouraging results, the in-fill lines every 200m between were also sent in for analysis. All of these samples were analyzed by ACTLABS of Thunder Bay and data interpretation was by Mr. Dale Sutherland.

A Summary Report was submitted (Jan 27/15) for Assessment Work to the Ministry of Northern Development and Mines.

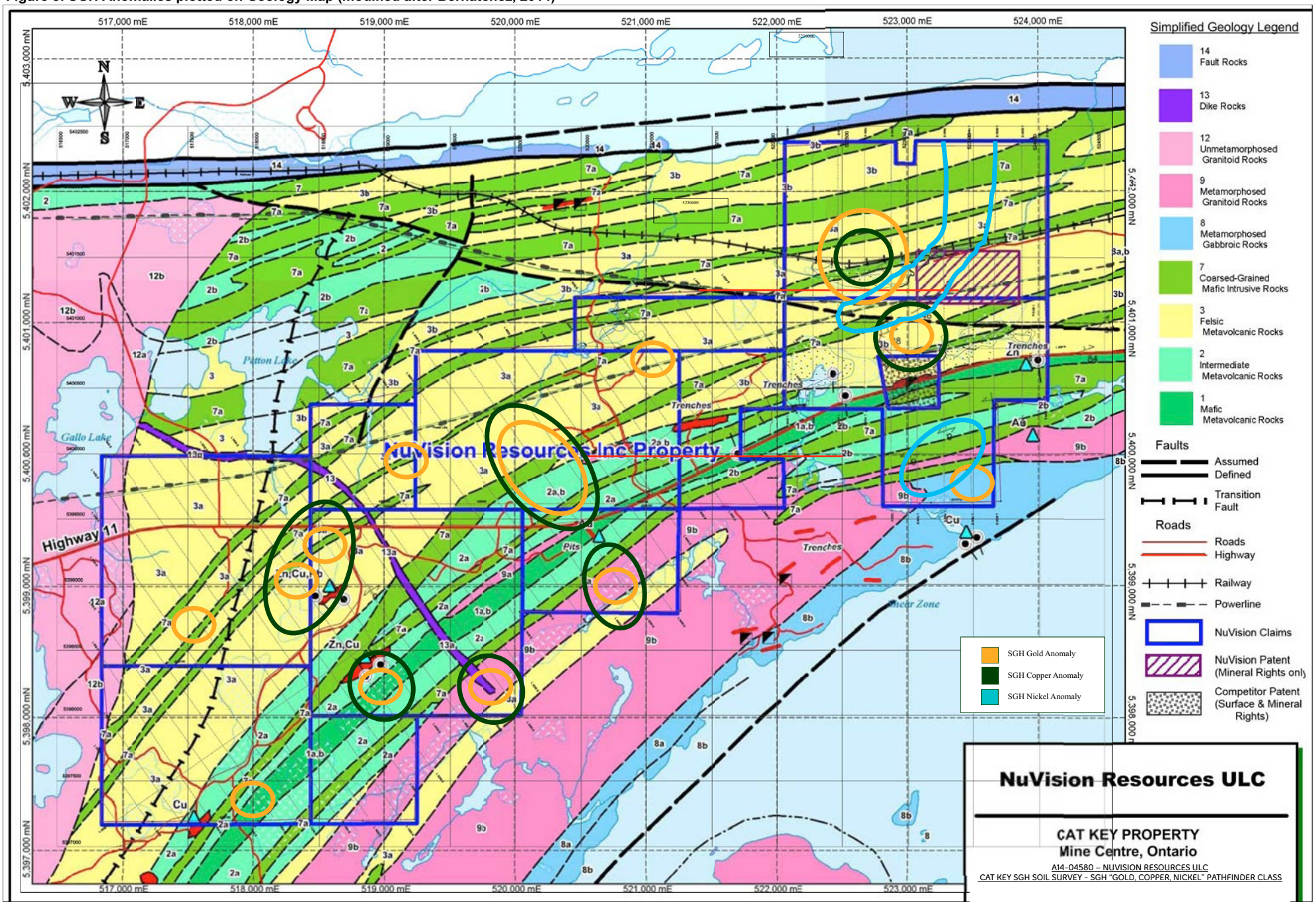
The geochemistry surveys have identified the following targets areas on the Cat Key Property:
1. Thirteen gold targets were located on the Cat Key Property.
2. Seven copper targets were located on the Cat Key Property.
3. Two nickel targets were located on the Cat Key Property
4. Targets 1, 2 & 3 were based upon Blue Line anomalies / targets however, they appear to be contemporaneous with the Red Line anomalies

The following anomalies were located during the initial SGH survey.

Table 8: Soil Gas Hydrocarbon anomalies on the Cat Key Grid

NuVision Resources ULC - Cat Key Grid, August 21/14								
Edited SGH Anomaly Center Locations (+/- 10m measuring error by AR).								
No.	Element	Grid Loc.	Easting	Northing	Size (E-W)	Size (N-S)	Angle /Axis	Other
1	Au	L70E, 26+60N	522660E	5401460N	800m	600m	090o	na
2	Au	L74E, 20+70N	523070E	5400860N	300m	200m	090o	na
3	Au	L78E, 9+50N	523480E	5399760N	300m	200m	090o	na
4	Au	L54E, 24+60N	521100E	5400670N	300m	200m	090o	na
5	Au	L42E, 22+30N	520240E	5399800N	400m	960m	325o	na
6	Au	L42E, 12+20E	520840E	5398980N	300m	200m	090o	na
7	Au	L34E, 30+10N	519140E	5399970N	300m	200m	090o	na
8	Au	L26E, 28+60N	518570E	5399390N	300m	200m	090o	na
9	Au	L26E, 11+40N	519570E	5398000N	300m	200m	090o	na
10	Au	L20E, 26+50E	518360E	5398980N	300m	200m	090o	na
11	Au	L20E, 16+50E	518940E	5398170N	300m	200m	090o	na
12	Au	L14E, 28+80N	517560E	5398710N	300m	200m	090o	na
13	Au	L10E, 15+30N	518040E	5397390N	300m	200m	090o	na
14	Cu	L70E, 26+60N	522660E	5401460N	250m	200m	090o	See # 1
15	Cu	L70E, 19+00N	522670E	5400700N	450m	450m	090o	na
16	Cu	L42E, 22+70N	520220E	5399720N	500m	960m	325o	See # 5
17	Cu	L42E, 12+50N	520830E	5399000N	400m	650m	350o	See # 6
18	Cu	L26E, 27+50N	518640E	5399290N	500m	1000m	020o	See 8 & 10
19	Cu	L26E, 11+30N	519590E	5397990N	400m	400m	090o	See # 9
20	Cu	L22E, 15+80N	518980E	5398110N	400m	400m	090o	See # 11
21	Ni	L78E, 12+90N	523520E	5400100N	600m	1100m	060o	na
22	Ni	L74E, 26+60N	523160E	5401360N	300m	2000m	060o & 360o	leg-shaped

Figure 8: SGH Anomalies plotted on Geology Map (modified after Bernatchez, 2014)



16 - Conclusions

Based upon recent work by Kenora OGS District Geologist, C. Ravnaas, the following model of “A Gold-Sulphide Association and Pre-Orogenic Model for Mineralization” (2013 ROA) may be present at the NuVision property.

Several involving factors for this gold deposit model are:

1. Precipitation of gold link to pyrite deposition. Gold may be along grain boundaries, within grains or along fractures in pyrite.
2. Silica-dominated quartz events, related to gold deposition or possible sulphide deposition.
3. Alteration type is based parental rock geochemistry. Mafic environments, such as Cameron Lake, show replacement of Fe or Mg mineral assemblages to localized carbonate alteration and more distal potassium. Felsic environments, such as Rainy River, show sodium depletion, potassium-aluminous enrichment, elevated base metals and high silver: gold ratios.

Based upon the 2014 geological mapping report, 2014 geophysical (Mag-VLF-EM) report, 2014 geochemistry (SGH) and 2014 Stripping Report, this author thinks that many of the criteria can be met at the NuVision Resources ULC’s Cat Key Property.

The reasons behind this gold potential for the Cat Key Property are as follows:

- The property is located in the Mine Centre area, with historical gold-bearing systems, that have produced 25,000 oz. of gold and 3,000 ounces of silver from this camp.

- The property is composed of sixteen mining claims, covering 21.32 km^2, that contain a 10 km long trend with porous and fractured lithologies, such as brecciated and/or sheared contacts between mafic volcanic and felsic tuff, lapilli tuff and pyroclastic rocks; these are main target horizons for gold mineralization.

- Regional mapping by Poulsen (2000), has shown “that pyrite, chalcopyrite and pyrrhotite are associated with gold mineralized gold bearing quartz veins in sheared and altered mafic and felsic volcanic rocks in the Mine Centre area”.

- During the 2014, several areas of altered and sheared contacts between lithological units in the Mine Centre area appear to host known gold mineralization. These lithologically contrasting units are generally less resistant to deformation and are generally more susceptible to shearing and alteration. Such lithology, when subjected to shearing, provides favourable passage ways for mineralizing hydrothermal gold bearing fluids, which was emplaced after the stratabound copper-zinc base metal mineralization. Both styles of mineralization are present on NuVision’s Cat Key property.

a) Within the felsic volcaniclastic units, such as interbedded tuff, lapilli tuff and flow top breccia's, such as the Port Arthur Copper, L84E Sulphide and L54E Trenches, all show gold or base metal values within these units.

b) Within the mafic units, such as that sheared and altered units, found at the Thompson gold occurrence, gold is also present.

- Historical airborne geophysical survey's (OGS 1980, 2009) of the Mine Centre area have located conductors associated with the various lithologies on the property. Drill testing of these conductors has confirmed the presence of massive to stringer mineralization of Cu-Zn-Ag. These drill logs identified potential gold horizons with sulphide mineralization but no gold assays were listed. The best historical gold section was from Noront Resources drilling reported a quartz-carbonate fracture zone of 4.26m, assaying 0.03 g/t gold and 0.19% copper.

- During the 2014 mapping program, the following highlights were located:
  a) Thompson Zone – 80m wide x 1600m long zone of highly sheared and carbonate-chlorite altered mafic volcanics with values up to 1.46 gpt Au.
  b) L54E Trenches – 180m wide x >200m long zone of sheared and altered felsic volcanics with minor basalts & gabbro's. Three structural features with quartz or quartz sulphide association with four samples returning assay values of over 2 - 6 gpt Au.
  c) L60E Trench **– >**18m wide zone of sheared and altered felsic volcanics with assays of 0.24 - 0.66 gpt Au, in this alteration system.
  d) L84E East Sulphide Zone **–** a >15m wide sulphide zone of altered dacites and 5% Py-Cpy, yielded assays up to 0.5% Zn and elevated Pb values. This appears to be surface representation of the Port Arthur Copper, located 1.2km on strike to the west.
  e) L84E Noront **–** a >1m quartz vein with Py-Cpy in sheared and carbonate altered basalt, with an old shaft (15m), on the NE corner of the property. Assays vary from 0.10 – 0.38 gpt Au and 0.09 – 0.25% Cu.
  f) L22E Gabbro - a 100m thick unit of layered gabbro was located on L22E from 32+90N to 31+85N, across Hwy 11. This unit consists of 6 zones from coarse grained to fine grained gabbro with sections with up to 5% sulphides and pegmatitic pods. No significant PGE assays to date from limited sampling.

- Since the 1950's, other deposit types have been located in the Mine Centre Area:
  a) Cu-Ni mineralization associated with Magmatic Layered Intrusions, eg. Grassy Portage Deposit. Several of the Course Grained Mafic Intrusives units (Poulsen, 2000) have been identified by 2014 mapping as Layered Gabbro sills with Cu-Ni-PGE potential.
  b) Cu-Zn mineralization associated with Volcanogenic Massive Sulphides (VMS), eg. Lockart Lake Deposit. On the Cat Key Property, the B-Field VLF-EM anomaly of

Sedex Mining Corp (2008) located a large anomaly, west of Barber Road, with similar characteristics of a VMS deposit.

In September 6 to October 14 of 2014, the stripping program was performed on six target areas, or eight stripped sections, on the Cat Key Property. The targets areas were:

A. **Port Arthur Copper 2** (L72+50E) – an area 115m x 3m was stripped, on the northern boundary of mining patent FF4261. This was to assess the gold and base metal potential and to test an east-west trending, quartz vein, previous mapped by Tanton (1934). A silica (5-50%) alteration zone was located in the altered felsic flows and tuffs with three weakly elevated (53–95 ppb Au) assays were detected.

B. **T-Trench** (L54E East Trench / 5420 Zone) – an area 195m x 3m was stripped on mining claim 4266168. This was assess the wide-spread alteration and anomalous gold-copper mineralization located in trench 1 and trench 12, over a >180m across strike. Three signifcant assays were located in altered felsic flows: anomalous 0.75 gpt Au over 1.45m and two weakly elevated (39-75 ppb Au) assays were detected.

C. **Shaft Trench** (L54E West Trench / 5420 Zone) – an area 85m x 2.5m was stripped on mining claim 4266168; 40m west of the T-Trench. This was to test the alteration and gold mineration located in trench 3 and trench 4. One signifcant assays was located in altered felsic flows with **8.20 gpt Au and 6.4 gpt Ag over 1.49m**. Seven signifcant assays was located in gabbro or sheared gabbro with **1.22 gpt Au over 1.49m** and **1.86 gpt Au over 1.57m** and five weakly to elevated (50-270 ppb Au) assays were also detected

D. **Bush Rat Trench** (L60E) – an area 160m x 3m was stripped on mining claim 4266168. This was to test the alteration and gold mineralization located in the Bush Rat Trench. Four signifcant assays were located in altered felsic flows; this averaged 0.216 gpt Au over 6.55m

E. **Thompson Porphyry** (L38+50E) – an "cross-shaped" area 120m x 5m and 40m x 6m was stripped on mining claim 4266167. This was to test the alteration and gold mineralization located in the Thompson Trail Trench.

1) Thompson Zone West – a 6.36m channel taken but no elevated gold values (over 0.1 gpt Au) in the carbonate-quartz altered basalt +/- porphyry zone.
2) Thompson Zone East – a 11.30m channel taken in the carbonate-quartz altered basalt +/- porphyry zone. One anomalous value of **1.09 gpt Au over 1.64m** and two elevated values (113-142 ppb Au) and two weakly elevated (57-66 ppb Au).
3) Thompson Zone South – a 7.18m channel taken in the chlorite-calcite altered basalt +/- quartz veins with tr-1% py. Two anomalous values of **0.88 gpt Au over 0.90m** and **0.56 gpt Au over 1.63m**.

4) Thompson Zone Perpendicular - a 21.43m channel taken in the carbonate-quartz altered basalt +/- felsic porphyry zone. Two weakly elevated values (66-89 ppb Au).

F. **Quartz Zone** (L35E) – an area 8m x 1m was manually cleaned and channel sampled for gold mineralization but only weak base metal assays (0.02% Cu) were achieved.

G. **Gabbro Zone** (L22E) – an area 70m x 3m was stripped on mining claim 4266161. This was to test the north half of a layered gabbro intrusion for Cu-Ni-PGE mineralization. No significant Cu-Ni (over 500 ppb Au) or PGE's (over 100 ppb) has been detected to date.

H. **Gabbro Zone** (L20E) – an area 60m x 3m was stripped on mining claim 4266161. This was to test the south half of a layered gabbro intrusion for Cu-Ni-PGE mineralization. No detailed mapping or sampling has been completed to date.

The Cat Key Property warrants further testing due to favorable stratigraphy, recent assays, numerous geophysical and geochemical targets.

17 - Recommendations

This author will follow the recommendations (Phase II) from Mr. Ray Bernatchez, PEng. and Chief Geologist, for NuVision Resources ULC on the Cat Key Project. This program will allow for the development to the next stage of mineral exploration:

Phase II geophysical (IP) program

The first recommendation is to carry out a deep (375 m+ depth) penetrating I.P. survey starting from L16+00E to L58+00E. This type of survey will be measuring the resistivity and chargeability of the area surveyed. It will assist in determining the cause of the B-Field anomaly trend (pink and yellow area on this map). It is capable of detecting disseminated sulphide mineralization such as pyrrhotite, chalcopyrite and pyrite usually associated with volcanogenic massive sulphide deposits. It will also define areas of low and high chargeable areas, resistivity contrasts such as attributed to alteration, silicification, and carbonitization, characteristic to gold hydrothermal alteration. Both the Thompson zone and the 5420 Zone show extension possibility at depth and on strike

Phase II drilling program

It is recommended that the following program be carried out on the Cat Key property to assist in further definition of the Thompson and 5420 gold zones.

The 5420 gold zone contains moderate disseminated, stringer and semi-massive sulphide mineralization (pyrite, chalcopyrite, pyrrhotite (+/- arsenopyrite) located at the contact of two different lithology, massive mafic volcanics on the north and intermediate to felsic volcaniclastic to the south. This altered contact zone consists of fractured, sheared and altered mafic, intermediate, felsic volcanic rocks and/or gabbro (intrusive/extrusive) rocks.

The Thompson Zone contains less but disseminated sulphides, pyrite, pyrrhotite and minor chalcopyrite. These two gold zones did not respond well to the VFL EM survey due to the low sulphide content in the mineralized zone tested. However, there is a conductor 200 to 300 m down-strike to the southwest from the Thompson gold zone. In is anticipated that the Induced Polarization (I.P.) survey will assist in tracing this gold zone to the northeast and southwest of this zone.

It is also recommended that six km of grid lines be established between the 5420 Gold Zone and the Thompson Gold Zone for better control on the drill hole locations.

Estimated Budget for Phase II Exploration Program **$533,200**

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19 - Certificate of Author

I, Allen J. Raoul, of the town of Fort Frances, in the province of Ontario, do certify as follows:

1) I am the Consulting Geologist with an office at...
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   Fort Frances, Ontario
   P9A 1N6
   807-274-7917

2) I achieved my Professional Geoscientist status with the Association of Professional Geoscientist of Ontario in December of 2010 - Number 1925 (limited).

3) I spent the previous eight years in the Thunder Bay and Kenora Districts of Ontario for junior exploration companies.

4) I spent the previous seven years, July 2000 – February 2007, in the Kenora District of Ontario for the Ontario Geological Survey as Acting District Geologist and District Support Geologist.

5) I have practiced my profession since 1990.

6) I am a graduate of Mount Allison University, Sackville, New Brunswick with a B.Sc. in Geology in 1990.

7) I am a graduate Mineral Technologist from the University College of Cape Breton, Sydney, Nova Scotia in 1987.

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Allen J. Raoul, PGeo #1925 Ltd.

Appendices

2014 Stripping Appendix A :
Sample Descriptions

2014 NuVision Stripping Program													
Grid Line	Site	Sample No.	Length m	AZM	Easting	Northing	Description	Au ppb	Ag ppm	Cu ppm	Ni ppm	Pb ppm	Zn ppm
L71+50E	PAC2	**1398001**	1.70	310o/130o	522800	5400818	Altered Felsic Flow (Dacite) - medium-grained, grey-green, >10% chlorite-biotite alteration, dacite tuff with >15% lapilli of quartz & feldspar, fine Tr Py and 1-5% late fracturing (310o/V) infilled with grey quartz veins.	< 5	0.4	5	1	26	163
L71+50E	PAC2	**1398002**	1.62	310o/130o	522801	5400819	Altered Felsic Flow (Dacite) - medium-grained, grey-green, >10% chlorite-biotite alteration, dacite tuff with >15% lapilli of quartz & feldspar, fine Tr Py and 1-5% late fracturing (310o/V) infilled with grey quartz veins.	< 5	< 0.2	4	1	3	134
L71+50E	PAC2	**1398003**	1.60	310o/130o	522802	5400820	Altered Felsic Flow (Dacite) - medium-grained, grey-green, >10% chlorite-biotite alteration, dacite tuff with >15% lapilli of quartz & feldspar, fine Tr Py and 1-5% late fracturing (310o/V) infilled with grey quartz veins.	< 5	0.6	5	1	2	121
L71+50E	PAC2	**1398004**	1.60	310o/130o	522803	5400821	Altered Felsic Flow (Dacite) - medium-grained, grey-green, >10% chlorite-biotite & >5% ankerite alteration, dacite tuff with >15% lapilli of quartz & feldspar, fine Tr Py and 1-5% late fracturing (310o/V) infilled with grey quartz veins.	< 5	0.5	6	< 1	< 2	125
L71+50E	PAC2	**1398005**	1.59	310o/130o	522804	5400822	Altered Felsic Flow (Dacite) - medium-grained, grey-green, >10% chlorite-biotite alteration, dacite tuff with >15% lapilli of quartz & feldspar, fine Tr Py and 1-5% late fracturing (310o/V) infilled with grey quartz veins.	< 5	0.3	7	< 1	5	123
L71+50E	PAC2	**1398006**	1.52	310o/130o	522805	5400823	Altered Felsic Flow (Dacite) - medium-grained, grey-green, >10% chlorite-biotite alteration, dacite tuff with >15% lapilli of quartz & feldspar, fine Tr Py and 1-5% late fracturing (310o/V) infilled with grey quartz veins.	< 5	0.2	5	< 1	4	124
L71+50E	PAC2	**1398007**	1.65	310o/130o	522806	5400824	Altered Felsic Flow (Dacite) - medium-grained, grey-green, >10% chlorite-biotite alteration, dacite tuff with >15% lapilli of quartz & feldspar, fine Tr Py and 1-5% late fracturing (310o/V) infilled with grey quartz veins.	< 5	< 0.2	8	3	< 2	130
L71+50E	PAC2	**1398008**	1.69	310o/130o	522807	5400825	Altered Felsic Flow (Dacite) - medium-grained, grey-green, >10% chlorite-biotite alteration, dacite tuff with >15% lapilli of quartz & feldspar, fine Tr Py and 1-5% late fracturing (310o/V) infilled with grey quartz veins.	< 5	< 0.2	4	< 1	< 2	133
L71+50E	PAC2	**1398009**	1.62	310o/130o	522808	5400826	Altered Felsic Flow (Dacite) - medium-grained, grey-green, >10% chlorite-biotite alteration, dacite tuff with >15% lapilli of quartz & feldspar, fine Tr Py and 1-5% late fracturing (310o/V) infilled with grey quartz veins.	5	0.5	4	< 1	< 2	133
L71+50E	PAC2	**1398010**	1.60	310o/130o	522809	5400827	Altered Felsic Flow (Dacite) - medium-grained, grey-green, >10% chlorite-biotite alteration, dacite tuff with >15% lapilli of quartz & feldspar, fine Tr Py and 1-5% late fracturing (310o/V) infilled with grey quartz veins.	< 5	0.3	3	< 1	< 2	115
L71+50E	PAC2	**1398011**	1.50	310o/130o	522810	5400828	Altered Felsic Flow - medium-grained, grey-green, 25% chlorite-ankerite alteration, 15-20% blue quartz eyes, 1% fine Py, fracturing @ 270o/V.	< 5	< 0.2	4	< 1	< 2	125

Grid Line	Site	Sample No.	Length m	AZM	Easting	Northing	Description	Au ppb	Ag ppm	Cu ppm	Ni ppm	Pb ppm	Zn ppm
L71+50E	PAC2	**1398012**	1.58	310o/130o	522811	5400827	Altered Felsic Flow - medium-grained, grey-green, 25% chlorite-ankerite alteration, 15-20% blue quartz eyes, 0.5% fine Py, fracturing @ 270o/V.	< 5	< 0.2	6	< 1	< 2	191
L71+50E	PAC2	**1398013**	1.48	310o/130o	522812	5400826	Altered Felsic Flow - medium-grained, grey-green, 25% chlorite-ankerite alteration, 15-20% blue quartz eyes, 0.5% fine Py, fracturing @ 270o/V.	< 5	< 0.2	8	< 1	< 2	138
L71+50E	PAC2	**1398014**	1.57	310o/130o	522813	5400825	Sheared / Altered Basalt - a 1.0m zone of moderate - strong shear @ 090o/V in over 20% biotite-calcite altered basalt with small quartz veinlets (>1cm) and 0.5m of weak biotite-calcite altered basalt.	< 5	< 0.2	55	166	< 2	127
L71+50E	PAC2	**1398015**	1.51	310o/130o	522814	5400824	Sheared / Altered Basalt - zone of weak - moderate shear @ 090o/V in 10-20% biotite-calcite altered basalt	< 5	< 0.2	55	66	< 2	106
L71+50E	PAC2	**1398016**	1.60	310o/130o	522815	5400823	Sheared / Altered Basalt - zone of weak - moderate shear @ 090o/V in 10-20% biotite-calcite altered basalt	< 5	< 0.2	69	115	< 2	183
L71+50E	PAC2	**1398017**	1.54	310o/130o	522816	5400822	Altered Felsic Flow - fine-medium grained, green, >10% chlorite-biotite alteration, >5% blue quartz eyes, tr-1% Py; weak fracturing @ 090o/V.	< 5	< 0.2	74	66	< 2	**202**
L71+50E	PAC2	**1398018**	1.61	310o/130o	522817	5400821	Altered Felsic Flow - fine-medium grained, green, 10% chlorite-biotite-calcite alteration, 10% blue quartz eyes, tr Py with 3-5% late ankerite alteration; weak fracturing @ 090o/V.	< 5	< 0.2	18	4	< 2	77
L71+50E	PAC2	**1398019**	0.69	310o/130o	522818	5400820	Sheared Felsic Flow - an intense 35cm shear zone (075o/V) with 20-30% ankerite overprinting of fine-grained, >10% chlorite-biotite-calcite altered dacite and tr-1% Py	< 5	< 0.2	120	33	< 2	159
L71+50E	PAC2	**1398020**	1.56	310o/130o	522819	5400819	Altered Felsic Flow - medium-grained, green, 10-15% chlorite-biotite alteration, 10% blue quartz eyes, tr Py; weak fracturing @ 075o.	< 5	< 0.2	38	10	4	78
L71+50E	PAC2	**1398021**	1.00	310o/130o	522820	5400818	Altered Felsic Flow - medium-grained, green, 10-15% chlorite-biotite alteration, 10% blue quartz eyes, tr Py; weak fracturing @ 075o.	< 5	< 0.2	32	4	< 2	68
L71+50E	PAC2	**1398022**	1.29	310o/130o	522821	5400817	Sheared Felsic Flow - an moderate 80cm shear zone (080o/V) with >20% ankerite overprinting of fine-grained, >10% chlorite-biotite-calcite altered dacite and tr-1% Py	< 5	< 0.2	27	23	< 2	111
L71+50E	PAC2	**1398023**	0.71	310o/130o	522822	5400816	Sheared Felsic Flow - a 0.60m intensely sheared (080o/V) zone of medium-grained, grey, >20% sericite +/- silica alteration, tr Py	< 5	< 0.2	70	175	17	159
L71+50E	PAC2	**1398024**	1.60	310o/130o	522823	5400815	Altered Felsic Flow - fine-grained, dark grey, >10% chlorite +/- silica alteration, 5% blue quartz eyes, tr Py; weak shearing @ 085o/V.	< 5	< 0.2	30	4	24	**319**
L71+50E	PAC2	**1398025**	1.61	310o/130o	522824	5400814	Altered Felsic Flow - fine-grained, dark grey, >10% chlorite +/- silica alteration, 5% blue quartz eyes, tr Py; weak shearing @ 085o/V.	< 5	< 0.2	13	< 1	18	**217**

Grid Line	Site	Sample No.	Length m	AZM	Easting	Northing	Description	Au ppb	Ag ppm	Cu ppm	Ni ppm	Pb ppm	Zn ppm
L71+50E	PAC2	**1398026**	1.48	310o/130o	522825	5400813	Altered Felsic Flow - medium-grained, green, 10-15% chlorite-biotite alteration, 10% blue quartz eyes, tr Py	< 5	< 0.2	15	1	19	**229**
L71+50E	PAC2	**1398027**	1.49	310o/130o	522826	5400812	Altered Felsic Flow - medium-grained, green, 10-15% chlorite-biotite alteration, 10% blue quartz eyes, tr Py; weak fracturing @ 075o.	< 5	< 0.2	22	3	8	98
L71+50E	PAC2	**1398028**	1.48	310o/130o	522827	5400811	Altered Felsic Flow - fine to medium-grained, dark grey, >10% chlorite-biotite +/-ankerite alteration, <5% blue quartz eyes, tr Py	< 5	< 0.2	32	4	22	**208**
L71+50E	PAC2	**1398029**	1.51	310o/130o	522828	5400810	Altered Felsic Flow - fine to medium-grained, dark grey, >10% chlorite-biotite + >5% ankerite alteration, <5% blue quartz eyes, tr Py	< 5	< 0.2	31	5	12	184
L71+50E	PAC2	**1398030**	1.52	310o/130o	522829	5400809	Altered Felsic Flow - fine to medium-grained, dark grey, >10% chlorite-biotite-epidote + >10% ankerite alteration, <5% blue quartz eyes, tr Py	< 5	< 0.2	39	4	4	189
L71+50E	PAC2	**1398031**	1.51	310o/130o	522830	5400808	Altered Felsic Flow - fine to medium-grained, dark grey, >10% chlorite-biotite-epidote + >10% ankerite alteration, <5% blue quartz eyes, tr Py	6	< 0.2	36	5	8	173
L71+50E	PAC2	**1398032**	1.21	310o/130o	522831	5400807	Altered Felsic Flow - medium-grained, grey-green, >10% chlorite-biotite + >5% ankerite alteration, <5% blue quartz eyes, tr Py	69	< 0.2	57	9	11	**439**
L71+50E	PAC2	**1398033**	1.53	310o/130o	522832	5400806	Sheared Felsic Flow - weak-moderate shear (075o/V) zone of fine to medium-grained, green, >25% chlorite-boitite-calcite alteration, tr Py; this sample is crossed by 20+00 NBL.	< 5	< 0.2	34	5	7	196
L71+50E	PAC2	**1398034**	1.51	310o/130o	522833	5400805	Sheared Felsic Flow - intense shear (075o/V) zone of fine-grained, green, >30% chlorite-boitite-calcite alteration, tr Py	< 5	< 0.2	34	3	5	53
L71+50E	PAC2	**1398035**	1.52	310o/130o	522834	5400804	Altered Felsic Flow - medium-grained, grey-green, >10% chlorite-biotite + <5% silica alteration, tr Py	< 5	< 0.2	27	2	7	141
L71+50E	PAC2	**1398036**	1.51	310o/130o	522835	5400803	Altered Felsic Flow - medium-grained, light grey-green, >10% sericite-chlorite-ankerite alteration, tr Py	6	< 0.2	23	2	13	**258**
L71+50E	PAC2	**1398037**	1.50	310o/130o	522836	5400802	Altered Felsic Flow - medium-grained, green, >20% chlorite-biotite + 10% ankerite alteration, 10% blue quartz eyes, tr Py	< 5	< 0.2	22	2	29	**368**
L71+50E	PAC2	**1398038**	1.48	310o/130o	522837	5400801	Altered Felsic Flow - medium-grained, green, >20% chlorite-sericite + 5% ankerite alteration, 5% blue quartz eyes, tr Py + 1cm pink quartz vein	< 5	< 0.2	20	2	12	101
L71+50E	PAC2	**1398039**	1.49	310o/130o	522838	5400800	Altered Felsic Tuff - medium-grained, green, >20% chlorite-sericite + 5% ankerite alteration, 5% blue quartz eyes, tr Py vein	22	< 0.2	54	8	26	**273**
L71+50E	PAC2	**1398040**	1.51	310o/130o	522839	5400799	Altered Felsic Tuff - medium-grained, green, >20% chlorite-sericite + 5% ankerite alteration, 5% blue quartz eyes, tr Py vein	53	< 0.2	33	10	13	139
L71+50E	PAC2	**1398041**	1.50	310o/130o	522840	5400798	Altered Felsic Tuff - medium-grained, light grey-green, >20% chlorite-sericite + 5% ankerite alteration, 5% blue quartz eyes, tr Py	34	< 0.2	20	1	13	157

Grid Line	Site	Sample No.	Length m	AZM	Easting	Northing	Description	Au ppb	Ag ppm	Cu ppm	Ni ppm	Pb ppm	Zn ppm
L71+50E	PAC2	**1398042**	1.50	310o/130o	522841	5400797	Altered Felsic Tuff - medium-grained, light grey-green, >20% chlorite-sericite + 5% ankerite alteration, 5% blue quartz eyes, tr Py	10	< 0.2	22	< 1	10	170
L71+50E	PAC2	**1398043**	1.49	310o/130o	522842	5400796	Altered Felsic Tuff - medium-grained, light grey-green, >20% chlorite-sericite + 5% ankerite alteration, 5% blue quartz eyes, tr-1% Py	< 5	< 0.2	12	< 1	16	166
L71+50E	PAC2	**1398044**	1.46	310o/130o	522843	5400795	Altered Felsic Tuff - medium-grained, light grey-green, >20% chlorite-sericite + 5% ankerite alteration, 5% blue quartz eyes, tr-1% Py	< 5	< 0.2	7	< 1	14	**225**
L71+50E	PAC2	**1398045**	1.52	310o/130o	522844	5400794	Altered Felsic Tuff - medium-grained, light grey-green, >20% chlorite-sericite + 5% ankerite alteration, 5% blue quartz eyes, tr Py	< 5	< 0.2	10	3	7	163
L71+50E	PAC2	**1398046**	1.51	310o/130o	522845	5400793	Altered Felsic Tuff - medium-grained, light grey-green, >20% chlorite-sericite + 5% ankerite alteration, 5% blue quartz eyes, tr Py	< 5	< 0.2	41	2	12	149
L71+50E	PAC2	**1398047**	1.51	310o/130o	522846	5400792	Altered Felsic Tuff - medium-grained, light grey-green, >20% chlorite-sericite + 5% ankerite alteration, 5% blue quartz eyes, tr Py	< 5	< 0.2	73	3	10	179
L71+50E	PAC2	**1398048**	1.48	310o/130o	522847	5400791	Altered Felsic Tuff - medium-grained, light grey-green, >20% chlorite-sericite + 5% ankerite alteration, 5% blue quartz eyes, tr Py	**95**	< 0.2	55	5	20	164
L71+50E	PAC2	**1398049**	1.00	310o/130o	522848	5400790	Altered Felsic Tuff - medium-grained, light grey-green, >20% chlorite-sericite + 5% ankerite alteration, 5% blue quartz eyes, tr Py	< 5	< 0.2	23	3	25	116
L71+50E	PAC2	**1398050**	1.45	310o/130o	522849	5400789	Altered Felsic Tuff - medium-grained, light grey-green, >20% chlorite-sericite + 5% ankerite alteration, 5% blue quartz eyes, tr Py	< 5	< 0.2	42	5	16	122
L71+50E	PAC2	**1398051**	1.47	310o/130o	522850	5400788	Altered Felsic Tuff - medium-grained, light grey-green, >20% chlorite-sericite + 5% ankerite alteration, 5% blue quartz eyes, tr-1% Py	< 5	< 0.2	30	5	17	160
L71+50E	PAC2	**1398052**	1.47	310o/130o	522851	5400787	Altered Felsic Tuff - medium-grained, light grey-green, >20% chlorite-sericite + 5% ankerite alteration, 5% blue quartz eyes, tr-1% Py	< 5	< 0.2	22	3	4	152
L71+50E	PAC2	**1398053**	1.48	310o/130o	522852	5400786	Altered Felsic Tuff - medium-grained, light grey-green, >20% chlorite-sericite + 5% ankerite alteration, 5% blue quartz eyes, tr-1% Py	< 5	< 0.2	17	1	6	141
L71+50E	PAC2	**1398054**	1.49	310o/130o	522853	5400785	Altered Felsic Tuff - medium-grained, light grey-green, >20% chlorite-sericite + 10% ankerite alteration + >5-20% silica overprinting (late), 5% blue quartz eyes, tr-1% Py	< 5	< 0.2	23	1	14	184
L71+50E	PAC2	**1398055**	1.51	310o/130o	522854	5400784	Altered Felsic Tuff - medium-grained, light grey-green, >20% chlorite-sericite + 10% ankerite alteration + >5-20% silica overprinting (late), 5% blue quartz eyes, tr Py	< 5	< 0.2	27	3	6	**212**

Grid Line	Site	Sample No.	Length m	AZM	Easting	Northing	Description	Au ppb	Ag ppm	Cu ppm	Ni ppm	Pb ppm	Zn ppm
L71+50E	PAC2	**1398056**	1.54	310o/130o	522855	5400783	Altered Felsic Tuff - medium-grained, light grey-green, >20% chlorite-sericite + 10% ankerite alteration + >5-20% silica overprinting (late), 5% blue quartz eyes, tr Py	< 5	< 0.2	32	3	2	164
L71+50E	PAC2	**1398057**	1.50	310o/130o	522856	5400782	Altered Felsic Tuff - medium-grained, light grey-green, >20% chlorite-sericite + 10% ankerite alteration + >5-20% silica overprinting (late), 5% blue quartz eyes, tr Py	< 5	< 0.2	25	3	4	103
L71+50E	PAC2	**1398058**	1.52	310o/130o	522857	5400781	Altered Felsic Tuff - medium-grained, light grey-green, >20% chlorite-sericite + 10% ankerite alteration + >5-20% silica overprinting (late), 5% blue quartz eyes, tr Py	< 5	< 0.2	34	6	3	122
L71+50E	PAC2	**1398059**	0.93	310o/130o	522858	5400780	Altered Felsic Tuff - medium-grained, light grey-green, >20% chlorite-sericite + 10% ankerite alteration + >5-20% silica overprinting (late), 5% blue quartz eyes, tr-1% Py	< 5	< 0.2	25	5	3	186
L71+50E	PAC2	**1398060**	1.55	310o/130o	522859	5400779	Altered Felsic Tuff - medium-grained, light grey-green, >20% chlorite-sericite + 10% ankerite alteration + >5-20% silica overprinting (late), 5% blue quartz eyes, tr-1% Py	< 5	< 0.2	38	5	4	145
L71+50E	PAC2	**1398061**	1.21	310o/130o	522860	5400778	Altered Felsic Tuff - medium-grained, light grey-green, >20% chlorite-sericite + 10% ankerite alteration + >5-20% silica overprinting (late), 5% blue quartz eyes, tr-1% Py	< 5	< 0.2	22	3	4	144
L71+50E	PAC2	**1398062**	1.51	310o/130o	522861	5400777	Altered Felsic Tuff - medium-grained, light grey-green, >20% chlorite-sericite + 10% ankerite alteration + >5-20% silica overprinting (late), 5% blue quartz eyes, tr-1% Py	< 5	0.2	17	1	5	142
L71+50E	PAC2	**1398063**	1.51	310o/130o	522862	5400776	Altered Felsic Tuff - fine-grained, light grey, >10% chlorite-sericite + >2% ankerite alteration, 5% blue quartz eyes, tr Py	< 5	< 0.2	17	3	2	110
L71+50E	PAC2	**1398064**	1.53	310o/130o	522863	5400775	Altered Felsic Tuff - fine-grained, light grey, >10% chlorite-sericite + >2% ankerite alteration, 5% blue quartz eyes, tr Py	< 5	< 0.2	26	4	2	125
L71+50E	PAC2	**1398065**	1.50	310o/130o	522864	5400774	Altered Felsic Tuff - fine-grained, light grey, >10% chlorite-sericite + >2% ankerite alteration, 5% blue quartz eyes, tr Py	< 5	< 0.2	42	11	3	65
L71+50E	PAC2	**1398066**	1.53	310o/130o	522865	5400773	Altered Felsic Tuff - fine-grained, light grey, >10% chlorite-sericite + >2% ankerite alteration, 5% blue quartz eyes, tr Py	< 5	< 0.2	27	4	5	159
L71+50E	PAC2	**1398067**	1.53	310o/130o	522866	5400772	Altered Felsic Tuff - fine-grained, light grey, >10% chlorite-sericite + >2% ankerite alteration, 5% blue quartz eyes, tr Py	< 5	< 0.2	47	9	3	139
L71+50E	PAC2	**1398068**	1.49	310o/130o	522867	5400771	Altered Felsic Tuff - fine-grained, light grey, >10% chlorite-sericite + >2% ankerite alteration, 5% blue quartz eyes, tr Py	< 5	< 0.2	45	8	2	145

Grid Line	Site	Sample No.	Length m	AZM	Easting	Northing	Description	Au ppb	Ag ppm	Cu ppm	Ni ppm	Pb ppm	Zn ppm
L71+50E	PAC2	**1398069**	0.50	310o/130o	522868	5400770	Altered Felsic Tuff - fine-grained, light grey, >10% chlorite-sericite + >2% ankerite alteration, 5% blue quartz eyes, tr Py	< 5	< 0.2	17	< 1	5	144
L54E	T-trench	**1398070**	1.54	222o/42o	521403	5400465	Porphyritic Andesite - medium grained, grey-green, >10% chlorite +/- ankerite alteration with >20% phenocrysts of plag and Kspar, non-magnetic and <2% late ankerite alteration, trace Py.	< 5	< 0.2	12	1	3	106
L54E	T-trench	**1398071**	1.53	222o/42o	521403	5400464	Porphyritic Andesite - medium grained, grey-green, >10% chlorite +/- ankerite alteration with >20% phenocrysts of plag and Kspar, non-magnetic and <2% late ankerite alteration, trace Py.	< 5	< 0.2	16	2	3	121
L54E	T-trench	**1398072**	1.50	222o/42o	521402	5400464	Porphyritic Andesite - medium grained, grey-green, >10% chlorite +/- ankerite alteration with >20% phenocrysts of plag and Kspar, non-magnetic and <2% late ankerite alteration, trace Py.	< 5	< 0.2	10	< 1	< 2	101
L54E	T-trench	**1398073**	1.51	222o/42o	521402	5400463	Porphyritic Andesite - medium grained, grey-green, >10% chlorite +/- ankerite alteration with >20% phenocrysts of plag and Kspar, non-magnetic and <2% late ankerite alteration, trace Py.	< 5	< 0.2	16	< 1	< 2	120
L54E	T-trench	**1398074**	1.43	222o/42o	521401	5400461	Porphyritic Andesite - medium grained, grey-green, >10% chlorite +/- ankerite alteration with >20% phenocrysts of plag and Kspar, non-magnetic and <2% late ankerite alteration, trace Py.	< 5	< 0.2	27	< 1	2	101
L54E	T-trench	**1398075**	1.50	222o/42o	521400	5400460	Porphyritic Andesite - medium grained, grey-green, >10% chlorite +/- ankerite alteration with >20% phenocrysts of plag and Kspar, non-magnetic and <2% late ankerite alteration, trace Py.	< 5	< 0.2	7	9	2	98
L54E	T-trench	**1398076**	1.51	222o/42o	521400	5400458	Porphyritic Andesite - medium grained, grey-green, >10% chlorite +/- ankerite alteration with >20% phenocrysts of plag and Kspar, non-magnetic and <2% late ankerite alteration, trace Py.	< 5	< 0.2	4	< 1	< 2	111
L54E	T-trench	**1398077**	1.50	222o/42o	521398	5400457	Porphyritic Andesite - medium grained, grey-green, >10% chlorite +/- ankerite alteration with >20% phenocrysts of plag and Kspar, non-magnetic and <2% late ankerite alteration, trace Py.	< 5	< 0.2	4	< 1	< 2	164
L54E	T-trench	**1398078**	1.50	222o/42o	521397	5400455	Porphyritic Andesite - medium grained, grey-green, >10% chlorite +/- ankerite alteration with >20% phenocrysts of plag and Kspar, non-magnetic and <2% late ankerite alteration, trace Py.	< 5	< 0.2	10	< 1	2	162
L54E	T-trench	**1398079**	1.52	222o/42o	521396	5400454	Porphyritic Andesite - medium grained, grey-green, >10% chlorite +/- ankerite alteration with >20% phenocrysts of plag and Kspar, non-magnetic and <2% late ankerite alteration, trace Py.	< 5	< 0.2	17	< 1	< 2	146
L54E	T-trench	**1398080**	1.50	222o/42o	521395	5400454	Porphyritic Andesite - medium grained, grey-green, >10% chlorite +/- ankerite alteration with >20% phenocrysts of plag and Kspar, non-magnetic and <2% late ankerite alteration, trace Py.	< 5	< 0.2	35	< 1	2	89

Grid Line	Site	Sample No.	Length m	AZM	Easting	Northing	Description	Au ppb	Ag ppm	Cu ppm	Ni ppm	Pb ppm	Zn ppm
L54E	T-trench	**1398081**	1.52	222o/42o	521395	5400453	Porphyritic Andesite - medium grained, grey-green, >10% chlorite +/- ankerite alteration with >20% phenocrysts of plag and Kspar, non-magnetic and <2% late ankerite alteration, trace Py.	< 5	< 0.2	24	< 1	< 2	110
L54E	T-trench	**1398082**	1.49	222o/42o	521394	5400452	Porphyritic Andesite - medium grained, grey-green, >10% chlorite +/- ankerite alteration with >20% phenocrysts of plag and Kspar, non-magnetic and <2% late ankerite alteration, trace Py.	< 5	< 0.2	65	2	21	143
L54E	T-trench	**1398083**	1.02	222o/42o	521392	5400452	Over >50% white quartz veining plus 2-3% Py-Cpy in sheared andesite or basalt	**39**	0.8	**285**	14	22	81
L54E	T-trench	**1398084**	1.44	222o/42o	521390	5400451	Over >30% white quartz veining plus 2-3% Py-Cpy in sheared andesite or basalt	< 5	< 0.2	74	48	3	199
L54E	T-trench	**1398085**	1.23	18o/198o	521390	5400450	Sheared Chlorite Basalt - fine grained, green, >20% chlorite altered basalt with trace-1% py and shearing at 060^{o}/V.	6	0.3	133	49	3	157
L54E	T-trench	**1398086**	1.38	18o/198o	521389	5400449	Sheared Chlorite Basalt - fine grained, green, >20% chlorite altered basalt with trace-1% py and shearing at 060^{o}/V.	< 5	0.2	145	52	< 2	103
L54E	T-trench	**1398087**	1.30	18o/198o	521389	5400448	Sheared Chlorite Basalt - fine grained, green, >20% chlorite altered basalt with trace-1% py and shearing at 060^{o}/V.	< 5	0.3	142	52	< 2	102
L54E	T-trench	**1398088**	1.40	10o/190o	521389	5400447	Sheared Chlorite Basalt - fine grained, green, >20% chlorite altered basalt with trace-1% py and shearing at 060^{o}/V.	6	< 0.2	193	66	2	107
L54E	T-trench	**1398089**	1.31	10o/190o	521388	5400445	Sheared Chlorite Basalt - fine grained, green, >20% chlorite altered basalt with trace-1% py and shearing at 060^{o}/V.	5	< 0.2	140	52	< 2	110
L54E	T-trench	**1398090**	1.62	10o/190o	521388	5400444	Sheared Chlorite Basalt - fine grained, green, >20% chlorite altered basalt with trace-1% py and shearing at 060^{o}/V.	< 5	< 0.2	131	52	3	89
L54E	T-trench	**1398091**	1.47	10o/190o	521388	5400443	Sheared Chlorite Basalt - fine grained, green, >20% chlorite altered basalt with trace-1% py and shearing at 060^{o}/V.	5	< 0.2	139	52	< 2	91
L54E	T-trench	**1398092**	0.86	10o/190o	521388	5400442	Sheared Chlorite Basalt - fine grained, green, >20% chlorite altered basalt with trace-1% py and shearing at 060^{o}/V.	< 5	0.2	129	50	< 2	89
L54E	T-trench	**1398093**	1.16	10o/190o	521387	5400441	Sheared Chlorite Basalt - fine grained, green, >20% chlorite altered basalt with trace-1% py and shearing at 060^{o}/V.	< 5	< 0.2	135	45	< 2	81
L54E	T-trench	**1398094**	2.70	30o/210o	521387	5400440	Sheared Chlorite Basalt - fine grained, green, >20% chlorite altered basalt with trace-1% py and shearing at 060^{o}/V.	< 5	< 0.2	107	42	< 2	88
L54E	T-trench	**1398095**	1.53	30o/210o	521386	5400439	Sheared Chlorite Basalt - fine grained, green, >20% chlorite altered basalt with trace-1% py and shearing at 060^{o}/V.	< 5	< 0.2	144	53	< 2	81

Grid Line	Site	Sample No.	Length m	AZM	Easting	Northing	Description	Au ppb	Ag ppm	Cu ppm	Ni ppm	Pb ppm	Zn ppm
L54E	T-trench	**1398096**	1.53	30o/210o	521386	5400437	Chlorite Basalt - fine grained, green, >5% chlorite-biotite weakly altered basalt with 2-5% quartz pods trace-1% py at 055°/V.	< 5	< 0.2	141	49	< 2	84
L54E	T-trench	**1398097**	1.51	30o/210o	521385	5400433	Chlorite Basalt - fine grained, green, >5% chlorite-biotite weakly altered basalt with 2-5% quartz pods trace-1% py at 055°/V.	< 5	< 0.2	127	53	< 2	88
L54E	T-trench	**1398098**	1.52	30o/210o	521384	5400431	Chlorite Basalt - fine grained, green, >5% chlorite-biotite weakly altered basalt with 2-5% quartz pods trace-1% py at 055°/V.	< 5	< 0.2	86	31	< 2	93
L54E	T-trench	**1398099**	1.54	40o/220o	521382	5400430	Chlorite Basalt - fine grained, green, >5% chlorite-biotite weakly altered basalt with 2-5% quartz pods trace-1% py at 055°/V.	< 5	< 0.2	13	< 1	< 2	107
L54E	T-trench	**1398100**	1.54	40o/220o	521381	5400429	Chlorite Basalt - fine grained, green, >5% chlorite-biotite weakly altered basalt with 2-5% quartz pods trace-1% py at 055°/V.	< 5	< 0.2	16	< 1	< 2	110
L54E	T-trench	**1398101**	1.53	40o/220o	521381	5400428	Chlorite Basalt - fine grained, green, >5% chlorite-biotite weakly altered basalt with 2-5% quartz pods trace-1% py at 055°/V.	< 5	< 0.2	9	2	< 2	104
L54E	T-trench	**1398102**	1.51	14o/194o	521380	5400428	Chlorite Basalt - fine grained, green, >5% chlorite-biotite weakly altered basalt with 2-5% quartz pods trace-1% py at 055°/V.	< 5	< 0.2	11	18	< 2	131
L54E	T-trench	**1398103**	1.54	14o/194o	521379	5400427	Chlorite Basalt - fine grained, green, >5% chlorite-biotite weakly altered basalt with 2-5% quartz pods trace-1% py at 055°/V.	< 5	< 0.2	49	47	< 2	139
L54E	T-trench	**1398104**	1.52	14o/194o	521378	5400425	Chlorite Basalt - fine grained, green, >5% chlorite-biotite weakly altered basalt with 2-5% quartz pods trace-1% py at 055°/V.	< 5	< 0.2	55	47	2	122
L54E	T-trench	**1398105**	1.08	14o/194o	521377	5400423	Chlorite Basalt - fine grained, green, >5% chlorite-biotite weakly altered basalt with 2-5% quartz pods trace-1% py at 055°/V.	< 5	< 0.2	55	48	< 2	125
L54E	T-trench	**1398106**	1.09	14o/194o	521376	5400421	Chlorite Basalt - fine grained, green, >5% chlorite-biotite weakly altered basalt with 2-5% quartz pods trace-1% py at 055°/V.	< 5	< 0.2	32	5	2	**250**
L54E	T-trench	**1398107**	1.51	14o/194o	521381	5400419	Chlorite Basalt - fine grained, green, >5% chlorite-biotite weakly altered basalt with 2-5% quartz pods trace-1% py at 055°/V.	< 5	< 0.2	31	3	< 2	**260**
L54E	T-trench	**1398108**	1.53	14o/194o	521380	5400417	Chlorite Basalt - fine grained, green, >5% chlorite-biotite weakly altered basalt with 2-5% quartz pods trace-1% py at 055°/V.	< 5	< 0.2	56	3	3	**385**
L54E	T-trench	**1398109**	1.52	14o/194o	521380	5400416	Chlorite Basalt - fine grained, green, >5% chlorite-biotite weakly altered basalt with 2-5% quartz pods trace-1% py at 055°/V.	< 5	< 0.2	39	1	10	**314**
L54E	T-trench	**1398110**	1.49	14o/194o	521380	5400415	Chlorite Basalt - fine grained, green, >5% chlorite-biotite weakly altered basalt with 2-5% quartz pods trace-1% py at 055°/V.	< 5	< 0.2	51	1	4	**337**

Grid Line	Site	Sample No.	Length m	AZM	Easting	Northing	Description	Au ppb	Ag ppm	Cu ppm	Ni ppm	Pb ppm	Zn ppm
L54E	T-trench	**1398111**	1.55	14o/194o	521379	5400414	Chlorite Basalt - fine grained, green, >5% chlorite-biotite weakly altered basalt with 2-5% quartz pods trace-1% py at 055°/V.	< 5	< 0.2	25	2	< 2	**237**
L54E	T-trench	**1398112**	1.50	14o/194o	521379	5400414	Sheared Chlorite Basalt - fine grained, green, >15% chlorite altered basalt with trace-1% py and shearing at 065°/V.	< 5	< 0.2	11	1	2	**241**
L54E	T-trench	**1398113**	1.55	14o/194o	521378	5400413	Sheared Chlorite Basalt - fine grained, green, >15% chlorite altered basalt with trace-1% py and shearing at 065°/V.	< 5	< 0.2	10	1	< 2	**226**
L54E	T-trench	**1398114**	1.52	14o/194o	521377	5400413	Sheared Chlorite Basalt - fine grained, green, >15% chlorite altered basalt with trace-1% py and shearing at 065°/V.	< 5	< 0.2	16	< 1	< 2	**208**
L54E	T-trench	**1398115**	1.28	14o/194o	521377	5400412	Sheared Chlorite Basalt - fine grained, green, >15% chlorite altered basalt with trace-1% py and shearing at 065°/V.	< 5	< 0.2	22	< 1	6	**209**
L54E	T-trench	**1398116**	1.61	14o/194o	521376	5400411	Sheared Chlorite Basalt - fine grained, green, >15% chlorite altered basalt with trace-1% py and shearing at 065°/V.	< 5	< 0.2	16	2	4	174
L54E	T-trench	**1398117**	1.49	14o/194o	521375	5400411	Sheared Chlorite Basalt - fine grained, green, >15% chlorite altered basalt with trace-1% py and shearing at 065°/V.	< 5	< 0.2	15	4	4	183
L54E	T-trench	**1398118**	1.50	14o/194o	521374	5400410	Sheared Chlorite Basalt - fine grained, green, >15% chlorite altered basalt with trace-1% py and shearing at 065°/V.	< 5	< 0.2	6	< 1	3	176
L54E	T-trench	**1398119**	1.47	14o/194o	521374	5400409	Chlorite Basalt - fine grained, green, >5% chlorite-biotite weakly altered basalt with 2-5% quartz pods trace-1% py at 055°/V.	< 5	< 0.2	15	2	< 2	151
L54E	T-trench	**1398120**	1.52	14o/194o	521373	5400408	Chlorite Basalt - fine grained, green, >5% chlorite-biotite weakly altered basalt with 2-5% quartz pods trace-1% py at 055°/V.	< 5	< 0.2	18	2	3	150
L54E	T-trench	**1398121**	1.52	14o/194o	521373	5400407	Chlorite Basalt - fine grained, green, >5% chlorite-biotite weakly altered basalt with 2-5% quartz pods trace-1% py at 055°/V.	< 5	< 0.2	15	2	< 2	148
L54E	T-trench	**1398122**	1.28	14o/194o	521372	5400406	Chlorite Basalt - fine grained, green, >5% chlorite-biotite weakly altered basalt with 2-5% quartz pods trace-1% py at 055°/V.	< 5	< 0.2	12	< 1	< 2	158
L54E	T-trench	**1398123**	1.52	14o/194o	521371	5400405	Chlorite Basalt - fine grained, green, >5% chlorite-biotite weakly altered basalt with 2-5% quartz pods trace-1% py at 055°/V.	< 5	< 0.2	15	< 1	< 2	172
L54E	T-trench	**1398124**	1.52	14o/194o	521370	5400393	Chlorite Basalt - fine grained, green, >5% chlorite-biotite weakly altered basalt with 2-5% quartz pods trace-1% py at 055°/V.	< 5	< 0.2	26	3	< 2	198
L54E	T-trench	**1398125**	1.41	14o/194o	521372	5400393	Chlorite Basalt - fine grained, green, >5% chlorite-biotite weakly altered basalt with 2-5% quartz pods trace-1% py at 055°/V.	< 5	< 0.2	17	< 1	< 2	193

Grid Line	Site	Sample No.	Length m	AZM	Easting	Northing	Description	Au ppb	Ag ppm	Cu ppm	Ni ppm	Pb ppm	Zn ppm
L54E	T-trench	**1398126**	1.50	14o/194o	521371	5400393	Chlorite Basalt - fine grained, green, >5% chlorite-biotite weakly altered basalt with 2-5% quartz pods trace-1% py at 055°/V.	< 5	< 0.2	9	< 1	3	**211**
L54E	T-trench	**1398127**	1.52	14o/194o	521373	5400392	Chlorite Basalt - fine grained, green, >5% chlorite-biotite weakly altered basalt with 2-5% quartz pods trace-1% py at 055°/V.	< 5	< 0.2	15	2	< 2	174
L54E	T-trench	**1398128**	1.49	14o/194o	521373	5400391	Chlorite Basalt - fine grained, green, >5% chlorite-biotite weakly altered basalt with 2-5% quartz pods trace-1% py at 055°/V.	< 5	< 0.2	10	< 1	2	151
L54E	T-trench	**1398129**	1.50	14o/194o	521372	5400391	Chlorite Basalt - fine grained, green, >5% chlorite-biotite weakly altered basalt with 2-5% quartz pods trace-1% py at 055°/V.	< 5	< 0.2	20	2	< 2	129
L54E	T-trench	**1398130**	0.65	14o/194o	521372	5400390	Chlorite-Ankerite Altered Basalt - fine grained, green, >15% chlorite-biotite-ankerite altered basalt with trace-1% py at 055°/V.	< 5	< 0.2	51	< 1	3	132
L54E	T-trench	**1398131**	1.35	14o/194o	521372	5400390	Chlorite-Ankerite Altered Basalt - fine grained, green, >15% chlorite-biotite-ankerite altered basalt with trace-1% py at 055°/V.	< 5	< 0.2	16	82	< 2	130
L54E	T-trench	**1398132**	1.40	14o/194o	521371	5400389	Chlorite-Ankerite Altered Basalt - fine grained, green, >15% chlorite-biotite-ankerite altered basalt with trace-1% py at 055°/V.	< 5	< 0.2	38	1	2	195
L54E	T-trench	**1398133**	1.53	14o/194o	521371	5400388	Chlorite-Ankerite Altered Basalt - fine grained, green, >15% chlorite-biotite-ankerite altered basalt with trace-1% py at 055°/V.	< 5	0.2	16	< 1	< 2	188
L54E	T-trench	**1398134**	1.51	14o/194o	521370	5400386	Silica Altered Felsic Flow - fine grained, grey, felsic flow with 5% quartz eyes, trace-2% py-po and >30% silica overprinting	< 5	< 0.2	12	2	2	133
L54E	T-trench	**1398135**	1.20	14o/194o	521369	5400384	Silica Altered Felsic Flow - fine grained, grey, felsic flow with 5% quartz eyes, trace-2% py-po and >30% silica overprinting	< 5	< 0.2	9	< 1	< 2	149
L54E	T-trench	**1398136**	1.55	14o/194o	521369	5400382	Silica Altered Felsic Flow - fine grained, grey, felsic flow with 5% quartz eyes, trace-2% py-po and >30% silica overprinting	< 5	< 0.2	9	< 1	< 2	141
L54E	T-trench	**1398137**	1.57	14o/194o	521368	5400380	Chlorite-Ankerite Altered Basalt - fine grained, green, >15% chlorite-biotite-ankerite altered basalt with trace-1% py at 055°/V.	< 5	< 0.2	41	3	< 2	178
L54E	T-trench	**1398138**	1.47	14o/194o	521368	5400378	Chlorite-Ankerite Altered Basalt - fine grained, green, >15% chlorite-biotite-ankerite altered basalt with trace-1% py at 055°/V.	< 5	< 0.2	22	1	2	172
L54E	T-trench	**1398139**	1.52	14o/194o	521368	5400376	Chlorite-Ankerite Altered Basalt - fine grained, green, >15% chlorite-biotite-ankerite altered basalt with trace-1% py at 055°/V.	< 5	< 0.2	11	< 1	2	186
L54E	T-trench	**1398140**	1.53	354o/174o	521368	5400374	Chlorite-Ankerite Altered Basalt - fine grained, green, >15% chlorite-biotite-ankerite altered basalt with trace-1% py at 055°/V.	< 5	< 0.2	11	4	< 2	141

Grid Line	Site	Sample No.	Length m	AZM	Easting	Northing	Description	Au ppb	Ag ppm	Cu ppm	Ni ppm	Pb ppm	Zn ppm
L54E	T-trench	**1398141**	1.22	354o/174o	521368	5400372	Chlorite-Ankerite Altered Basalt - fine grained, green, >15% chlorite-biotite-ankerite altered basalt with trace-1% py at 055°/V.	< 5	< 0.2	10	< 1	< 2	160
L54E	T-trench	**1398142**	1.04	354o/174o	521368	5400371	Chlorite-Ankerite Altered Basalt - fine grained, green, >15% chlorite-biotite-ankerite altered basalt with trace-1% py at 055°/V.	< 5	< 0.2	12	< 1	< 2	162
L54E	T-trench	**1398143**	1.41	354o/174o	521368	5400369	Chlorite-Ankerite Altered Basalt - fine grained, green, >15% chlorite-biotite-ankerite altered basalt with trace-1% py at 055°/V.	< 5	< 0.2	10	1	< 2	151
L54E	T-trench	**1398144**	1.56	354o/174o	521368	5400367	Chlorite-Ankerite Altered Basalt - fine grained, green, >15% chlorite-biotite-ankerite altered basalt with trace-1% py at 055°/V.	< 5	< 0.2	18	< 1	< 2	166
L54E	T-trench	**1398145**	1.55	354o/174o	521369	5400365	Chlorite-Ankerite Altered Basalt - fine grained, green, >15% chlorite-biotite-ankerite altered basalt with trace-1% py at 055°/V.	< 5	< 0.2	25	3	< 2	176
L54E	T-trench	**1398146**	1.46	354o/174o	521369	5400364	Chlorite-Ankerite Altered Basalt - fine grained, green, >15% chlorite-biotite-ankerite altered basalt with trace-1% py at 055°/V.	< 5	< 0.2	4	1	< 2	171
L54E	T-trench	**1398147**	1.48	180o/360o	521368	5400363	Chlorite-Ankerite Altered Basalt - fine grained, green, >15% chlorite-biotite-ankerite altered basalt with trace-1% py at 055°/V.	< 5	< 0.2	8	2	< 2	170
L54E	T-trench	**1398148**	1.10	180o/360o	521366	5400361	Chlorite-Ankerite Altered Basalt - fine grained, green, >15% chlorite-biotite-ankerite altered basalt with trace-1% py at 055°/V.	< 5	< 0.2	15	3	5	119
L54E	T-trench	**1398149**	1.42	180o/360o	521364	5400360	Chlorite-Ankerite Altered Basalt - fine grained, green, >15% chlorite-biotite-ankerite altered basalt with trace-1% py at 055°/V.	< 5	< 0.2	17	2	< 2	149
L54E	T-trench	**1398150**	1.35	180o/360o	521364	5400359	Chlorite-Ankerite Altered Basalt - fine grained, green, >15% chlorite-biotite-ankerite altered basalt with trace-1% py at 055°/V.	< 5	< 0.2	2	< 1	< 2	**278**
L54E	T-trench	**1398151**	1.20	180o/360o	521364	5400357	Silica Altered Felsic Flow - fine grained, grey, felsic flow with 5% quartz eyes, 1-3% py-po-cpy and 30-50% silica overprinting and quartz veining	< 5	< 0.2	32	2	< 2	**251**
L54E	T-trench	**1398152**	1.48	180o/360o	521364	5400356	Silica Altered Felsic Flow - fine grained, grey, felsic flow with 5% quartz eyes, 1-3% py-po-cpy and 30-50% silica overprinting and quartz veining	< 5	< 0.2	15	< 1	4	**232**
L54E	T-trench	**1398153**	1.46	180o/360o	521364	5400354	Silica Altered Felsic Flow - fine grained, grey, felsic flow with 5% quartz eyes, 1-3% py-po-cpy and 30-50% silica overprinting and quartz veining	< 5	0.2	23	< 1	< 2	**216**
L54E	T-trench	**1398154**	0.50	180o/360o	521364	5400352	Silica Altered Felsic Flow - fine grained, grey, felsic flow with 5% quartz eyes, 1-3% py-po-cpy and 30-50% silica overprinting and quartz veining	< 5	0.2	27	< 1	< 2	**215**
L54E	T-trench	**1398155**	0.80	180o/360o	521364	5400351	Silica Altered Felsic Flow - fine grained, grey, felsic flow with 5% quartz eyes, 1-3% py-po-cpy and 30-50% silica overprinting and quartz veining	< 5	< 0.2	9	2	< 2	194

Grid Line	Site	Sample No.	Length m	AZM	Easting	Northing	Description	Au ppb	Ag ppm	Cu ppm	Ni ppm	Pb ppm	Zn ppm
L54E	T-trench	**1398156**	1.30	180o/360o	521364	5400339	Chlorite Basalt - fine grained, green, >5% chlorite-biotite weakly altered basalt with 2-5% quartz pods trace-1% py at 055°/V.	< 5	< 0.2	38	2	3	**265**
L54E	T-trench	**1398157**	1.43	180o/360o	521364	5400338	Chlorite Basalt - fine grained, green, >5% chlorite-biotite weakly altered basalt with 2-5% quartz pods trace-1% py at 055°/V.	< 5	0.2	13	3	< 2	**210**
L54E	T-trench	**1398158**	1.48	180o/360o	521365	5400337	Ankerite Altered Felsic Flow - fine grained, grey to rusty, >10% ankerite-sericite altered felsic flow with trace py.	< 5	< 0.2	13	< 1	< 2	**235**
L54E	T-trench	**1398159**	1.44	180o/360o	521364	5400335	Ankerite Altered Felsic Flow - fine grained, grey to rusty, >10% ankerite-sericite altered felsic flow with trace py.	< 5	< 0.2	18	3	< 2	**263**
L54E	T-trench	**1398160**	1.42	180o/360o	521363	5400333	Ankerite Altered Felsic Flow - fine grained, grey to rusty, >10% ankerite-sericite altered felsic flow with trace py.	**75**	< 0.2	9	< 1	< 2	**296**
L54E	T-trench	**1398161**	1.51	180o/360o	521362	5400332	Ankerite Altered Felsic Flow - fine grained, grey to rusty, >10% ankerite-sericite altered felsic flow with trace py.	< 5	< 0.2	44	4	< 2	**855**
L54E	T-trench	**1398162**	1.46	180o/360o	521362	5400330	Ankerite Altered Felsic Flow - fine grained, grey to rusty, >10% ankerite-sericite altered felsic flow with trace py.	< 5	< 0.2	18	< 1	< 2	**344**
L54E	T-trench	**1398163**	1.45	180o/360o	521363	5400328	Chlorite-Ankerite Altered Basalt - fine grained, green, >15% chlorite-biotite-ankerite altered basalt with trace-1% py at 055°/V.	< 5	< 0.2	1	< 1	< 2	**219**
L54E	T-trench	**1398164**	1.44	180o/360o	521364	5400327	Chlorite-Ankerite Altered Basalt - fine grained, green, >15% chlorite-biotite-ankerite altered basalt with trace-1% py at 055°/V.	< 5	< 0.2	< 1	1	< 2	173
L54E	T-trench	**1398165**	1.46	180o/360o	521364	5400326	Chlorite-Ankerite Altered Basalt - fine grained, green, >15% chlorite-biotite-ankerite altered basalt with trace-1% py at 055°/V.	< 5	< 0.2	11	< 1	3	135
L54E	T-trench	**1398166**	1.30	180o/360o	521364	5400325	Chlorite-Ankerite Altered Basalt - fine grained, green, >15% chlorite-biotite-ankerite altered basalt with trace-1% py at 055°/V.	< 5	< 0.2	1	2	< 2	127
L54E	T-trench	**1398167**	1.24	180o/360o	521364	5400324	Chlorite-Ankerite Altered Basalt - fine grained, green, >15% chlorite-biotite-ankerite altered basalt with trace-1% py at 055°/V.	< 5	< 0.2	3	< 1	< 2	113
L54E	T-trench	**1398168**	1.20	180o/360o	521364	5400323	Chlorite-Ankerite Altered Basalt - fine grained, green, >15% chlorite-biotite-ankerite altered basalt with trace-1% py at 055°/V.	< 5	< 0.2	1	4	< 2	124
L54E	T-trench	**1398169**	1.51	180o/360o	521364	5400321	Chlorite-Ankerite Altered Basalt - fine grained, green, >15% chlorite-biotite-ankerite altered basalt with trace-1% py at 055°/V.	< 5	< 0.2	13	2	< 2	131
L54E	T-trench	**1398170**	1.40	180o/360o	521364	5400320	Chlorite-Ankerite Altered Basalt - fine grained, green, >15% chlorite-biotite-ankerite altered basalt with trace-1% py at 055°/V.	< 5	< 0.2	< 1	2	< 2	153

Grid Line	Site	Sample No.	Length m	AZM	Easting	Northing	Description	Au ppb	Ag ppm	Cu ppm	Ni ppm	Pb ppm	Zn ppm
L54E	T-trench	**1398171**	0.60	180o/360o	521364	5400319	Chlorite-Ankerite Altered Basalt - fine grained, green, >15% chlorite-biotite-ankerite altered basalt with trace-1% py at 055°/V.	< 5	< 0.2	18	< 1	3	92
L54E	T-trench	**1398172**	1.45	180o/360o	521364	5400318	Chlorite-Ankerite Altered Basalt - fine grained, green, >15% chlorite-biotite-ankerite altered basalt with trace-1% py at 055°/V.	< 5	< 0.2	53	2	< 2	108
L54E	T-trench	**1398173**	1.43	180o/360o	521365	5400316	Chlorite-Ankerite Altered Basalt - fine grained, green, >15% chlorite-biotite-ankerite altered basalt with trace-1% py at 055°/V.	< 5	< 0.2	4	1	3	109
L54E	T-trench	**1398174**	1.46	180o/360o	521365	5400315	Chlorite-Ankerite Altered Basalt - fine grained, green, >15% chlorite-biotite-ankerite altered basalt with trace-1% py at 055°/V.	< 5	< 0.2	9	2	< 2	86
L54E	T-trench	**1398175**	1.46	180o/360o	521365	5400314	Chlorite-Ankerite Altered Basalt - fine grained, green, >15% chlorite-biotite-ankerite altered basalt with trace-1% py at 055°/V.	9	< 0.2	1	2	< 2	112
L54E	T-trench	**1398176**	1.42	180o/360o	521365	5400313	Ankerite Altered Felsic Flow - fine grained, grey to rusty, >10% ankerite-sericite altered felsic flow with >2% py.	< 5	< 0.2	16	1	< 2	170
L54E	T-trench	**1398177**	0.80	180o/360o	521365	5400312	Ankerite Altered Felsic Flow - fine grained, grey to rusty, >10% ankerite-sericite altered felsic flow with >2% py.	25	< 0.2	1	4	< 2	**204**
L54E	T-trench	**1398178**	1.41	180o/360o	521365	5400311	Ankerite Altered Felsic Flow - fine grained, grey to rusty, >10% ankerite-sericite altered felsic flow with >2% py.	< 5	< 0.2	21	25	2	188
L54E	T-trench	**1398179**	1.72	180o/360o	521365	5400310	Chlorite Basalt - fine grained, green, >5% chlorite-biotite weakly altered basalt with trace py	< 5	< 0.2	51	43	4	135
L54E	T-trench	**1398180**	1.40	160o/340o	521366	5400309	Chlorite Basalt - fine grained, green, >5% chlorite-biotite weakly altered basalt with trace py	< 5	< 0.2	< 1	1	< 2	95
L54E	T-trench	**1398181**	1.77	160o/340o	521366	5400308	Quartz Gabbro - medium grained, green, >10% chlorite in melanogabbro with 3-5% quartz eyes and <2% py-po plus 1-3% quartz veins	< 5	< 0.2	8	1	3	93
L54E	T-trench	**1398182**	0.46	160o/340o	521366	5400306	Quartz Gabbro - medium grained, green, >10% chlorite in melanogabbro with 3-5% quartz eyes and <2% py-po plus 1-3% quartz veins	< 5	< 0.2	63	31	3	95
L54E	T-trench	**1398183**	1.05	160o/340o	521366	5400305	Quartz Gabbro - medium grained, green, >10% chlorite in melanogabbro with 3-5% quartz eyes and <2% py-po plus 1-3% quartz veins	< 5	0.2	81	33	6	104
L54E	T-trench	**1398184**	1.53	160o/340o	521366	5400304	Quartz Gabbro - medium grained, green, >10% chlorite in melanogabbro with 3-5% quartz eyes and <2% py-po plus 1-3% quartz veins	< 5	< 0.2	50	35	2	90
L54E	T-trench	**1398185**	1.50	160o/340o	521366	5400303	Quartz Gabbro - medium grained, green, >10% chlorite in melanogabbro with 3-5% quartz eyes and <2% py-po plus 1-3% quartz veins	< 5	< 0.2	49	31	2	86
L54E	T-trench	**1398186**	1.51	160o/340o	521366	5400302	Quartz Gabbro - medium grained, green, >10% chlorite in melanogabbro with 3-5% quartz eyes and <2% py-po plus 1-3% quartz veins	< 5	< 0.2	64	37	3	80

Grid Line	Site	Sample No.	Length m	AZM	Easting	Northing	Description	Au ppb	Ag ppm	Cu ppm	Ni ppm	Pb ppm	Zn ppm
L54E	T-trench	**1398187**	1.50	160o/340o	521366	5400301	Quartz Gabbro - medium grained, green, >10% chlorite in melanogabbro with 3-5% quartz eyes and <2% py-po plus 1-3% quartz veins	< 5	< 0.2	30	34	2	95
L54E	T-trench	**1398188**	1.44	160o/340o	521367	5400299	Quartz Gabbro - medium grained, green, >10% chlorite in melanogabbro with 3-5% quartz eyes and <2% py-po plus 1-3% quartz veins	< 5	< 0.2	54	35	4	88
L54E	T-trench	**1398189**	1.50	101o/190o	521367	5400297	Quartz Gabbro - medium grained, green, >10% chlorite in melanogabbro with 3-5% quartz eyes and <2% py-po plus 1-3% quartz veins	< 5	< 0.2	66	41	3	85
L54E	T-trench	**1398190**	1.46	101o/190o	521367	5400295	Quartz Gabbro - medium grained, green, >10% chlorite in melanogabbro with 3-5% quartz eyes and <2% py-po plus 1-3% quartz veins	< 5	< 0.2	72	36	4	87
L54E	T-trench	**1398191**	1.50	101o/190o	521368	5400293	Quartz Gabbro - medium grained, green, >10% chlorite in melanogabbro with 3-5% quartz eyes and <2% py-po plus 1-3% quartz veins	< 5	< 0.2	35	14	3	102
L54E	T-trench	**1398192**	1.49	101o/190o	521368	5400291	Quartz Gabbro - medium grained, green, >10% chlorite in melanogabbro with 3-5% quartz eyes and <2% py-po plus 1-3% quartz veins	< 5	< 0.2	41	12	4	110
L54E	T-trench	**1398193**	1.52	101o/190o	521368	5400289	Quartz Gabbro - medium grained, green, >10% chlorite in melanogabbro with 3-5% quartz eyes and <2% py-po plus 1-3% quartz veins	12	< 0.2	28	5	7	98
L54E	T-trench	**1398194**	0.60	101o/190o	521368	5400287	Quartz Gabbro - medium grained, green, >10% chlorite in melanogabbro with 3-5% quartz eyes and <2% py-po plus 1-3% quartz veins	< 5	< 0.2	2	3	10	75
L54E	T-trench	**1398195**	1.40	152o/232o	521368	5400285	Quartz Gabbro - medium grained, green, >10% chlorite in melanogabbro with 3-5% quartz eyes and <2% py-po plus 1-3% quartz veins	6	< 0.2	8	1	4	118
L54E	T-trench	**1398196**	1.41	152o/232o	521373	5400283	Quartz Gabbro - medium grained, green, >10% chlorite in melanogabbro with 3-5% quartz eyes and <2% py-po plus 1-3% quartz veins	< 5	< 0.2	6	5	5	115
L54E	T-trench	**1398197**	1.55	152o/232o	521374	5400281	Quartz Gabbro - medium grained, green, >10% chlorite in melanogabbro with 3-5% quartz eyes and <2% py-po plus 1-3% quartz veins	< 5	< 0.2	5	1	5	92
L54E	T-trench	**1398198**	1.45	152o/232o	521375	5400280	Ankerite Altered Felsic Flow - fine grained, grey to rusty, >10% ankerite-sericite altered felsic flow with >2% py.	**751**	< 0.2	25	1	3	94
L54E	T-trench	**1398199**	0.84	152o/232o	521375	5400278	Ankerite Altered Felsic Flow - fine grained, grey to rusty, >10% ankerite-sericite altered felsic flow with >2% py.	37	< 0.2	8	< 1	3	98
L54E	T-trench	**1398200**	1.48	152o/232o	521376	5400276	Ankerite Altered Felsic Flow - fine grained, grey to rusty, >10% ankerite-sericite altered felsic flow with >2% py.	< 5	< 0.2	4	< 1	3	95
L54E	T-trench	**1398201**	1.05	152o/232o	521376	5400275	Silica Ankerite Altered Felsic Flow - fine grained, grey to rusty, >10% ankerite-sericite altered felsic flow with 20-50% silica flooding and 2-5% py-po +/- cpy-sph	< 5	< 0.2	2	< 1	8	78

Grid Line	Site	Sample No.	Length m	AZM	Easting	Northing	Description	Au ppb	Ag ppm	Cu ppm	Ni ppm	Pb ppm	Zn ppm
L54E	T-trench	**1398202**	1.50	152o/232o	521376	5400274	Silica Ankerite Altered Felsic Flow - fine grained, grey to rusty, >10% ankerite-sericite altered felsic flow with 20-50% silica flooding and 2-5% py-po +/- cpy-sph	< 5	< 0.2	8	2	2	29
L54E	T-trench	**1398203**	1.52	152o/232o	521377	5400273	Silica Ankerite Altered Felsic Flow - fine grained, grey to rusty, >10% ankerite-sericite altered felsic flow with 20-50% silica flooding and 2-5% py-po +/- cpy-sph	< 5	< 0.2	23	14	< 2	37
L54E	T-trench	**1398204**	1.53	152o/232o	521378	5400272	Silica Ankerite Altered Felsic Flow - fine grained, grey to rusty, >10% ankerite-sericite altered felsic flow with 20-50% silica flooding and 2-5% py-po +/- cpy-sph	< 5	< 0.2	17	11	< 2	23
L54E	T-trench	**1398205**	1.53	152o/232o	521377	5400270	Silica Ankerite Altered Felsic Flow - fine grained, grey to rusty, >10% ankerite-sericite altered felsic flow with 20-50% silica flooding and 2-5% py-po +/- cpy-sph	< 5	< 0.2	5	3	3	14
L54E	T-trench	**1398206**	1.52	152o/232o	521377	5400269	Silica Ankerite Altered Felsic Flow - fine grained, grey to rusty, >10% ankerite-sericite altered felsic flow with 20-50% silica flooding and 2-5% py-po +/- cpy-sph	< 5	< 0.2	5	2	< 2	14
L54E	T-trench	**1398207**	0.90	152o/232o	521376	5400267	Silica Ankerite Altered Felsic Flow - fine grained, grey to rusty, >10% ankerite-sericite altered felsic flow with 20-50% silica flooding and 2-5% py-po +/- cpy-sph	< 5	< 0.2	7	3	2	10
L38+50E	Porphyry-W	**1398208**	1.48	145o/325o	520208	5399192	fine grained, white to grey, chloritic basalt with 10-50% calcite, 5-20% quartz veining, trace-2% py-po plus 5-20% pink feldsapr porphyry.	31	< 0.2	6	< 1	< 2	13
L38+50E	Porphyry-W	**1398209**	1.61	145o/325o	520208	5399191	fine grained, white to grey, chloritic basalt with 10-50% calcite, 5-20% quartz veining, trace-2% py-po plus 5-20% pink feldsapr porphyry.	< 5	< 0.2	8	4	< 2	14
L38+50E	Porphyry-W	**1398210**	1.63	145o/325o	520207	5399190	fine grained, white to grey, chloritic basalt with 10-50% calcite, 5-20% quartz veining, trace-2% py-po plus 5-20% pink feldsapr porphyry.	< 5	< 0.2	11	< 1	< 2	12
L38+50E	Porphyry-W	**1398211**	1.64	145o/325o	520207	5399189	fine grained, white to grey, chloritic basalt with 10-50% calcite, 5-20% quartz veining, trace-2% py-po plus 5-20% pink feldsapr porphyry.	16	< 0.2	10	2	< 2	12
L38+50E	Porphyry-E	**1398212**	1.64	145o/325o	520288	5399202	fine grained, white to grey, chloritic basalt with 10-50% calcite, 5-20% quartz veining, trace-2% py-po plus 5-20% pink feldsapr porphyry.	**1090**	0.4	45	9	< 2	24
L38+50E	Porphyry-E	**1398213**	1.62	145o/325o	520229	5399200	fine grained, white to grey, chloritic basalt with 10-50% calcite, 5-20% quartz veining, trace-2% py-po plus 5-20% pink feldsapr porphyry.	66	< 0.2	16	5	< 2	15
L38+50E	Porphyry-E	**1398214**	1.64	145o/325o	520229	5399198	fine grained, white to grey, chloritic basalt with 10-50% calcite, 5-20% quartz veining, trace-2% py-po plus 5-20% pink feldsapr porphyry.	57	< 0.2	26	4	< 2	18
L38+50E	Porphyry-E	**1398215**	1.64	145o/325o	520230	5399196	fine grained, white to grey, chloritic basalt with 10-50% calcite, 5-20% quartz veining, trace-2% py-po plus 5-20% pink feldsapr porphyry.	**113**	< 0.2	20	2	< 2	10
L38+50E	Porphyry-E	**1398216**	1.63	145o/325o	520232	5399136	fine grained, white to grey, chloritic basalt with 10-50% calcite, 5-20% quartz veining, trace-2% py-po plus 5-20% pink feldsapr porphyry.	35	< 0.2	12	4	< 2	15

Grid Line	Site	Sample No.	Length m	AZM	Easting	Northing	Description	Au ppb	Ag ppm	Cu ppm	Ni ppm	Pb ppm	Zn ppm
L38+50E	Porphyry-E	**1398217**	1.63	145o/325o	520234	5399194	fine grained, white to grey, chloritic basalt with 10-50% calcite, 5-20% quartz veining, trace-2% py-po plus 5-20% pink feldsapr porphyry.	18	< 0.2	18	4	< 2	14
L38+50E	Porphyry-E	**1398218**	1.50	145o/325o	520235	5399194	fine grained, white to grey, chloritic basalt with 10-50% calcite, 5-20% quartz veining, trace-2% py-po plus 5-20% pink feldsapr porphyry.	**142**	< 0.2	10	2	< 2	8
L38+50E	Porphyry	**1398219**	VOID	VOID	VOID	VOID		VOID	VOID	VOID	VOID	VOID	VOID
L38+50E	Porphyry-S	**1398220**	0.90	145o/325o	520251	5399180	fine grained, green, >10% chlorite altered basalt with <5% quartz veins + trace-2% py.	**878**	0.2	8	18	< 2	93
L38+50E	Porphyry-S	**1398221**	1.55	145o/325o	520250	5399178	fine grained, green, >10% chlorite altered basalt with <5% quartz veins + trace-2% py.	6	< 0.2	2	20	< 2	105
L38+50E	Porphyry-S	**1398222**	1.54	145o/325o	520249	5399176	fine grained, green, >10% chlorite altered basalt with <5% quartz veins + trace-2% py.	< 5	< 0.2	3	19	< 2	137
L38+50E	Porphyry-S	**1398223**	1.46	145o/325o	520249	5399174	fine grained, green, >10% chlorite altered basalt with <5% quartz veins + trace-2% py.	< 5	< 0.2	8	7	< 2	125
L38+50E	Porphyry-S	**1398224**	1.63	145o/325o	520248	5399173	fine grained, green, >10% chlorite altered basalt with <5% quartz veins + trace-2% py.	**562**	0.3	16	1	< 2	99
L60E	BushRat	**1398225**	1.57	325o/145o	522049	5400370	Qtz Gabbro - medium grained, dark green, chloritic gabbro with 3-5% quartz eyes and trace-1% py.	< 5	< 0.2	14	2	3	141
L60E	BushRat	**1398226**	1.55	325o/145o	522048	5400370	Qtz Gabbro - medium grained, dark green, chloritic gabbro with 3-5% quartz eyes and trace-1% py.	< 5	< 0.2	14	3	6	130
L60E	BushRat	**1398227**	1.55	325o/145o	522046	5400371	Qtz Gabbro - medium grained, dark green, chloritic gabbro with 3-5% quartz eyes and trace-1% py.	6	< 0.2	11	2	4	182
L60E	BushRat	**1398228**	1.46	325o/145o	522045	5400371	Sheared Gabbro - fine-grained, dark green to black, chlorite-biotite gabbro with <2% quartz eyes and trace py-po.	< 5	< 0.2	17	5	45	**237**
L60E	BushRat	**1398229**	1.53	325o/145o	522044	5400372	Sheared Gabbro - fine-grained, dark green to black, chlorite-biotite gabbro with <2% quartz eyes and trace py-po.	< 5	< 0.2	15	1	8	121
L60E	BushRat	**1398230**	1.45	325o/145o	522044	5400373	Sheared Gabbro - fine-grained, dark green to black, chlorite-biotite gabbro with <2% quartz eyes and trace py-po.	< 5	< 0.2	10	< 1	4	175
L60E	BushRat	**1398231**	1.56	325o/145o	522043	5400374	Sheared Gabbro - fine-grained, dark green to black, chlorite-biotite gabbro with <2% quartz eyes and trace py-po.	< 5	< 0.2	25	15	5	126
L60E	BushRat	**1398232**	1.45	325o/145o	522035	5400378	Felsic Flow (Dacite) - fine to medium grained, green, <5% chloritic, dacite flow (to tuff) with trace py.	< 5	< 0.2	11	< 1	< 2	143
L60E	BushRat	**1398233**	1.51	325o/145o	522033	5400380	Felsic Flow (Dacite) - fine to medium grained, green, <5% chloritic, dacite flow (to tuff) with trace py.	< 5	< 0.2	12	1	< 2	133
L60E	BushRat	**1398234**	1.54	325o/145o	522031	5400381	Felsic Flow (Dacite) - fine to medium grained, green, <5% chloritic, dacite flow (to tuff) with trace py.	< 5	< 0.2	11	< 1	< 2	126
L60E	BushRat	**1398235**	1.57	325o/145o	522029	5400383	Felsic Flow (Dacite) - fine to medium grained, green, <5% chloritic, dacite flow (to tuff) with trace py.	< 5	< 0.2	3	< 1	< 2	135
L60E	BushRat	**1398236**	1.50	325o/145o	522028	5400384	Felsic Flow (Dacite) - fine to medium grained, green, <5% chloritic, dacite flow (to tuff) with trace py.	< 5	< 0.2	8	2	< 2	104

Grid Line	Site	Sample No.	Length m	AZM	Easting	Northing	Description	Au ppb	Ag ppm	Cu ppm	Ni ppm	Pb ppm	Zn ppm
L60E	BushRat	**1398237**	1.58	325o/145o	522028	5400386	Felsic Flow (Dacite) - fine to medium grained, green, <5% chloritic, dacite flow (to tuff) with trace py.	< 5	< 0.2	3	< 1	< 2	105
L60E	BushRat	**1398238**	1.57	325o/145o	522028	5400388	Felsic Flow (Dacite) - fine to medium grained, green, <5% chloritic, dacite flow (to tuff) with trace py.	7	< 0.2	9	< 1	< 2	111
L60E	BushRat	**1398239**	1.56	325o/145o	522028	5400390	Felsic Flow (Dacite) - fine to medium grained, green, <5% chloritic, dacite flow (to tuff) with trace py.	< 5	< 0.2	11	< 1	3	121
L60E	BushRat	**1398240**	1.54	325o/145o	522028	5400392	Altered Felsic Flow (Dacite) - fine grained, green to rusty, >20% chlorite-ankerite, dacite flow (to tuff) with 2-5 % py-po +/- cpy.	< 5	< 0.2	17	1	3	101
L60E	BushRat	**1398241**	1.55	324o/144o	522028	5400394	Altered Felsic Flow (Dacite) - fine grained, green to rusty, >20% chlorite-ankerite, dacite flow (to tuff) with 2-5 % py-po +/- cpy.	< 5	< 0.2	16	75	7	82
L60E	BushRat	**1398242**	1.10	324o144o	522027	5400396	Altered Felsic Flow (Dacite) - fine grained, green to rusty, >20% chlorite-ankerite, dacite flow (to tuff) with 2-5 % py-po +/- cpy.	11	< 0.2	24	63	3	68
L60E	BushRat	**1398243**	1.66	340o/160o	522027	5400398	Altered Felsic Flow (Dacite) with >50% quartz flooding over 2.0m and 2-5 % py-po +/- cpy.	**131**	< 0.2	31	1	3	50
L60E	BushRat	**1398244**	1.77	340o/160o	522026	5400400	Altered Felsic Flow (Dacite) - fine grained, green to rusty, >50% chlorite-ankerite, dacite flow (to tuff) with 2-3 % py-po +/- cpy.	**192**	< 0.2	38	< 1	2	73
L60E	BushRat	**1398245**	1.64	336o/156o	522025	5400402	Altered Felsic Flow (Dacite) - fine grained, green to rusty, >50% chlorite-ankerite, dacite flow (to tuff) with 2-3 % py-po +/- cpy.	**364**	< 0.2	20	< 1	< 2	67
L60E	BushRat	**1398246**	1.48	336o/156o	522022	5400403	Altered Felsic Flow (Dacite) with >50% quartz flooding over 1.0m and 2-5 % py-po +/- cpy.	**178**	< 0.2	28	< 1	3	57
L60E	BushRat	**1398247**	1.50	332o/152o	522021	5400404	Altered Felsic Flow (Dacite) - fine grained, green, >10% chlorite-ankerite, dacite flow (to tuff) with <2 % py-po.	< 5	< 0.2	13	< 1	< 2	134
L60E	BushRat	**1398248**	1.64	332o/152o	522020	5400405	Altered Felsic Flow (Dacite) - fine grained, green, >10% chlorite-ankerite, dacite flow (to tuff) with <2 % py-po.	7	< 0.2	6	< 1	2	105
L60E	BushRat	**1398249**	0.68	332o/152o	522020	5400406	Altered Felsic Flow (Dacite) - fine grained, green, >10% chlorite-ankerite, dacite flow (to tuff) with <2 % py-po.	6	< 0.2	6	2	< 2	102
L54E	Shaft	**1398250**	1.49	310o/130o	521334	5400236	Silica Ankerite Altered Felsic Flow - fine grained, grey to rusty, >10% ankerite-sericite altered felsic flow with 20-50% silica flooding and 2-5% py-po +/- cpy-sph	**8.2**	**6.4**	22	3	4	18
L54E	Shaft	**1398251**	1.53	310o/130o	521336	5400238	Silica Ankerite Altered Felsic Flow - fine grained, grey to rusty, >10% ankerite-sericite altered felsic flow with 20-50% silica flooding and 2-5% py-po +/- cpy-sph	19	< 0.2	8	4	3	18
L54E	Shaft	**1398252**	0.85	310o/130o	521337	5400241	Silica Ankerite Altered Felsic Flow - fine grained, grey to rusty, >10% ankerite-sericite altered felsic flow with 20-50% silica flooding and 2-5% py-po +/- cpy-sph	22	< 0.2	3	1	3	18

Grid Line	Site	Sample No.	Length m	AZM	Easting	Northing	Description	Au ppb	Ag ppm	Cu ppm	Ni ppm	Pb ppm	Zn ppm
L54E	Shaft	**1398253**	1.34	344o/164o	521335	5400238	Silica Ankerite Altered Felsic Flow - fine grained, grey to rusty, >10% ankerite-sericite altered felsic flow with 20-50% silica flooding and 2-5% py-po +/- cpy-sph	8	< 0.2	15	4	3	24
L54E	Shaft	**1398254**	1.15	344o/164o	521335	5400239	Silica Ankerite Altered Felsic Flow - fine grained, grey to rusty, >10% ankerite-sericite altered felsic flow with 20-50% silica flooding and 2-5% py-po +/- cpy-sph	< 5	< 0.2	7	< 1	3	20
L54E	Shaft	**1398255**	1.49	344o/164o	521334	5400241	QV in Sheared Gabbro - fine-grained, dark green to black, chlorite-biotite gabbro with <2% quartz eyes with >10% folded QV and 2-3% py-po	**1220**	< 0.2	20	< 1	< 2	140
L54E	Shaft	**1398256**	1.50	344o/164o	521333	5400242	Sheared Gabbro - fine-grained, dark green to black, chlorite-biotite gabbro with <2% quartz eyes with 1-2% folded QV and trace-1% py-po	< 5	< 0.2	18	1	3	126
L54E	Shaft	**1398257**	1.51	344o/164o	521332	5400243	Sheared Gabbro - fine-grained, dark green to black, chlorite-biotite gabbro with <2% quartz eyes with 1-2% folded QV and trace-1% py-po	47	0.5	20	2	< 2	90
L54E	Shaft	**1398258**	1.94	344o/164o	521332	5400245	QV in Sheared Gabbro - fine-grained, dark green to black, chlorite-biotite gabbro with <2% quartz eyes with 1-2% folded QV and trace-1% py-po	**273**	< 0.2	68	< 1	2	86
L54E	Shaft	**1398259**	1.57	344o/164o	521331	5400246	QV in Sheared Gabbro - fine-grained, dark green to black, chlorite-biotite gabbro with <2% quartz eyes with >10% folded QV and 2-3% py-po	**1860**	0.3	90	< 1	< 2	74
L54E	Shaft	**1398260**	1.52	344o/164o	521331	5400248	QV in Sheared Gabbro - fine-grained, dark green to black, chlorite-biotite gabbro with <2% quartz eyes with 1-2% folded QV and trace-1% py-po	< 5	< 0.2	12	< 1	4	151
L54E	Shaft	**1398261**	1.55	354o/174o	521332	5400249	QV in Sheared Gabbro - fine-grained, dark green to black, chlorite-biotite gabbro with <2% quartz eyes with 1-2% folded QV and trace-1% py-po	7	< 0.2	12	3	2	119
L54E	Shaft	**1398262**	1.53	354o/174o	521332	5400251	QV in Sheared Gabbro - fine-grained, dark green to black, chlorite-biotite gabbro with <2% quartz eyes with 1-2% folded QV and trace-1% py-po	< 5	< 0.2	11	< 1	< 2	89
L54E	Shaft	**1398263**	1.53	354o/174o	521334	5400253	QV in Sheared Gabbro - fine-grained, dark green to black, chlorite-biotite gabbro with <2% quartz eyes with 1-2% folded QV and trace-1% py-po	< 5	< 0.2	9	< 1	3	103
L54E	Shaft	**1398264**	1.51	354o/174o	521336	5400256	QV in Sheared Gabbro - fine-grained, dark green to black, chlorite-biotite gabbro with <2% quartz eyes with 1-2% folded QV and trace-1% py-po	< 5	< 0.2	2	< 1	< 2	128
L54E	Shaft	**1398265**	1.54	354o/174o	521327	5400258	QV in Sheared Gabbro - fine-grained, dark green to black, chlorite-biotite gabbro with <2% quartz eyes with 1-2% folded QV and trace-1% py-po	< 5	< 0.2	11	< 1	3	**209**
L54E	Shaft	**1398266**	1.52	05o/185o	521327	5400259	QV in Sheared Gabbro - fine-grained, dark green to black, chlorite-biotite gabbro with <2% quartz eyes with 1-2% folded QV and trace-1% py-po	51	< 0.2	33	< 1	5	113
L54E	Shaft	**1398267**	1.62	05o/185o	521327	5400260	>20% Carb - QV in Sheared Gabbro - fine-grained, dark green to black, calcite-chlorite-biotite altered gabbro with <2% quartz eyes with >5% folded QV and trace-1% py-po	**170**	< 0.2	51	36	9	52

Grid Line	Site	Sample No.	Length m	AZM	Easting	Northing	Description	Au ppb	Ag ppm	Cu ppm	Ni ppm	Pb ppm	Zn ppm
L54E	Shaft	**1398268**	1.07	05o/185o	521327	5400261	>20% Carb - QV in Sheared Gabbro - fine-grained, dark green to black, calcite-chlorite-biotite altered gabbro with <2% quartz eyes with >5% folded QV and trace-1% py-po	**100**	0.5	26	4	173	411
L54E	Shaft	**1398269**	1.52	05o/185o	521326	5400262	QV in Sheared Gabbro - fine-grained, dark green to black, chlorite-biotite gabbro with <2% quartz eyes with 1-2% folded QV and trace-1% py-po	21	< 0.2	13	2	8	194
L54E	Shaft	**1398270**	1.55	05o/185o	521325	5400263	QV in Sheared Gabbro - fine-grained, dark green to black, chlorite-biotite gabbro with <2% quartz eyes with 1-2% folded QV and trace-1% py-po	< 5	< 0.2	13	< 1	2	87
L54E	Shaft	**1398271**	0.83	05o/185o	521334	5400264	QV in Sheared Gabbro - fine-grained, dark green to black, chlorite-biotite gabbro with <2% quartz eyes with 1-2% folded QV and trace-1% py-po	< 5	< 0.2	33	2	6	85
L54E	Shaft	**1398272**	0.75	05o/185o	521333	5400264	QV in Sheared Gabbro - fine-grained, dark green to black, chlorite-biotite gabbro with <2% quartz eyes with 1-2% folded QV and trace-1% py-po	5	< 0.2	4	< 1	3	122
L54E	Shaft	**1398273**	1.52	05o/185o	521331	5400265	QV in Sheared Gabbro - fine-grained, dark green to black, chlorite-biotite gabbro with <2% quartz eyes with 1-2% folded QV and trace-1% py-po	49	< 0.2	8	1	5	93
L54E	Shaft	**1398274**	1.51	05o/185o	521330	5400265	QV in Sheared Gabbro - fine-grained, dark green to black, chlorite-biotite gabbro with <2% quartz eyes with 1-2% folded QV and trace-1% py-po	< 5	< 0.2	9	2	4	106
L54E	Shaft	**1398275**	1.53	05o/185o	521330	5400267	QV in Sheared Gabbro - fine-grained, dark green to black, chlorite-biotite gabbro with <2% quartz eyes with 1-2% folded QV and trace-1% py-po	< 5	< 0.2	6	< 1	6	101
L54E	Shaft	**1398276**	1.55	05o/185o	521330	5400269	QV in Sheared Gabbro - fine-grained, dark green to black, chlorite-biotite gabbro with <2% quartz eyes with 1-2% folded QV and trace-1% py-po	**69**	< 0.2	15	< 1	30	167
L54E	Shaft	**1398277**	1.90	05o/185o	521330	5400272	Sheared Gabbro - fine-grained, dark green to black, chlorite-biotite gabbro with <2% quartz eyes with 1-2% folded QV and trace-1% py-po	10	< 0.2	13	2	4	**206**
L54E	Shaft	**1398278**	1.42	05o/185o	521330	5400274	Sheared Gabbro - fine-grained, dark green to black, chlorite-biotite gabbro with <2% quartz eyes with 1-2% folded QV and trace-1% py-po	< 5	< 0.2	9	3	5	121
L54E	Shaft	**1398279**	1.52	05o/185o	521330	5400275	Sheared Gabbro - fine-grained, dark green to black, chlorite-biotite gabbro with <2% quartz eyes with 1-2% folded QV and trace-1% py-po	< 5	< 0.2	8	1	7	93
L54E	Shaft	**1398280**	2.17	05o/185o	521330	5400276	Sheared Gabbro - fine-grained, dark green to black, chlorite-biotite gabbro with <2% quartz eyes with 1-2% folded QV and trace-1% py-po	< 5	< 0.2	6	1	4	101
L54E	Shaft	**1398281**	1.53	08o/188o	521325	5400281	Sheared Gabbro - fine-grained, dark green to black, chlorite-biotite gabbro with <2% quartz eyes with 1-2% folded QV and trace-1% py-po	< 5	0.3	34	11	3	112
L54E	Shaft	**1398282**	1.49	08o/188o	521326	5400282	Sheared Gabbro - fine-grained, dark green to black, chlorite-biotite gabbro with <2% quartz eyes with 1-2% folded QV and trace-1% py-po	< 5	0.2	40	11	3	106

Grid Line	Site	Sample No.	Length m	AZM	Easting	Northing	Description	Au ppb	Ag ppm	Cu ppm	Ni ppm	Pb ppm	Zn ppm
L54E	Shaft	**1398283**	1.45	08o/188o	521326	5400284	Sheared Gabbro - fine to medium grained, green, >10% chlorite-biotite in melanogabbro with 1-2% py-po plus >2% quartz veins	< 5	< 0.2	38	37	< 2	92
L54E	Shaft	**1398284**	1.23	08o/188o	521327	5400285	Sheared Gabbro - fine to medium grained, green, >10% chlorite-biotite in melanogabbro with 1-2% py-po plus >2% quartz veins	< 5	0.2	54	38	< 2	72
L54E	Shaft	**1398285**	1.51	342o/172o	521326	5400286	Sheared Gabbro - fine to medium grained, green, >10% chlorite-biotite in melanogabbro with 1-2% py-po plus >2% quartz veins	< 5	< 0.2	56	33	< 2	81
L54E	Shaft	**1398286**	1.53	342o/172o	521325	5400287	Sheared Gabbro - fine to medium grained, green, >10% chlorite-biotite in melanogabbro with 1-2% py-po plus >2% quartz veins	< 5	< 0.2	55	39	< 2	102
L54E	Shaft	**1398287**	1.70	342o/172o	521323	5400289	Sheared Gabbro - fine to medium grained, green, >10% chlorite-biotite in melanogabbro with 1-2% py-po plus >2% quartz veins	< 5	< 0.2	24	34	< 2	98
L54E	Shaft	**1398288**	1.68	342o/172o	521325	5400292	Chlorite-Ankerite Altered Basalt - fine grained, green, >15% chlorite-biotite-ankerite altered basalt with trace-1% py at 055^{o}/V.	< 5	< 0.2	48	34	< 2	79
L54E	Shaft	**1398289**	1.68	342o/172o	521324	5400292	Chlorite-Ankerite Altered Basalt - fine grained, green, >15% chlorite-biotite-ankerite altered basalt with trace-1% py at 055^{o}/V.	< 5	< 0.2	39	40	< 2	87
L54E	Shaft	**1398290**	1.70	342o/172o	521324	5400293	Chlorite-Ankerite Altered Basalt - fine grained, green, >15% chlorite-biotite-ankerite altered basalt with trace-1% py at 055^{o}/V.	< 5	< 0.2	50	34	3	81
L54E	Shaft	**1398291**	1.33	342o/172o	521323	5400294	Chlorite-Ankerite Altered Basalt - fine grained, green, >15% chlorite-biotite-ankerite altered basalt with trace-1% py at 055^{o}/V.	< 5	< 0.2	36	32	< 2	84
L54E	Shaft	**1398292**	1.39	342o/172o	521324	5400300	Chlorite Basalt - fine grained, green, >5% chlorite-biotite weakly altered basalt with trace py	< 5	< 0.2	< 1	< 1	< 2	174
L54E	Shaft	**1398293**	1.63	342o/172o	521324	5400301	Chlorite Basalt - fine grained, green, >5% chlorite-biotite weakly altered basalt with trace py	< 5	< 0.2	2	< 1	2	**277**
L54E	Shaft	**1398294**	1.55	342o/172o	521324	5400303	Chlorite Basalt - fine grained, green, >5% chlorite-biotite weakly altered basalt with trace py	< 5	< 0.2	2	2	< 2	109
L54E	Shaft	**1398295**	1.52	342o/172o	521324	5400304	Chlorite Basalt - fine grained, green, >5% chlorite-biotite weakly altered basalt with trace py	< 5	< 0.2	< 1	2	< 2	82
L54E	Shaft	**1398296**	1.50	342o/172o	521325	5400305	Chlorite Basalt - fine grained, green, >5% chlorite-biotite weakly altered basalt with trace py	< 5	< 0.2	5	< 1	< 2	103
L54E	Shaft	**1398297**	1.52	342o/172o	521325	5400306	Chlorite Basalt - fine grained, green, >5% chlorite-biotite weakly altered basalt with trace py	< 5	< 0.2	33	36	< 2	115
L54E	Shaft	**1398298**	1.56	342o/172o	521325	5400307	Chlorite Basalt - fine grained, green, >5% chlorite-biotite weakly altered basalt with trace py	< 5	< 0.2	18	20	< 2	116
L54E	Shaft	**1398299**	0.70	342o/172o	521325	5400308	Chlorite Basalt - fine grained, green, >5% chlorite-biotite weakly altered basalt with trace py	< 5	< 0.2	11	3	< 2	111
L38+50E	Porphyry-P	**1398300**	1.47	236o/56o	520208	5399186	fine grained, white to grey, chloritic basalt with 10-50% calcite, 5-20% quartz veining, trace-2% py-po plus 5-20% pink feldsapr porphyry.	18	< 0.2	16	3	2	29

Grid Line	Site	Sample No.	Length m	AZM	Easting	Northing	Description	Au ppb	Ag ppm	Cu ppm	Ni ppm	Pb ppm	Zn ppm
L38+50E	Porphyry-P	**1398301**	1.55	236o/56o	520209	5399186	fine grained, white to grey, chloritic basalt with 10-50% calcite, 5-20% quartz veining, trace-2% py-po plus 5-20% pink feldsapr porphyry.	< 5	< 0.2	8	2	< 2	38
L38+50E	Porphyry-P	**1398302**	1.56	236o/56o	520210	5399186	fine grained, white to grey, chloritic basalt with 10-50% calcite, 5-20% quartz veining, trace-2% py-po plus 5-20% pink feldsapr porphyry.	23	< 0.2	8	3	< 2	47
L38+50E	Porphyry-P	**1398303**	1.52	236o/56o	520211	5399186	fine grained, white to grey, chloritic basalt with 10-50% calcite, 5-20% quartz veining, trace-2% py-po plus 5-20% pink feldsapr porphyry.	< 5	< 0.2	11	2	< 2	26
L38+50E	Porphyry-P	**1398304**	1.52	228o/48o	520213	5399187	fine grained, white to grey, chloritic basalt with 10-50% calcite, 5-20% quartz veining, trace-2% py-po plus 5-20% pink feldsapr porphyry.	< 5	< 0.2	15	2	< 2	8
L38+50E	Porphyry-P	**1398305**	1.60	228o/48o	520213	5399189	fine grained, white to grey, chloritic basalt with 10-50% calcite, 5-20% quartz veining, trace-2% py-po plus 5-20% pink feldsapr porphyry.	66	< 0.2	7	< 1	< 2	9
L38+50E	Porphyry-P	**1398306**	1.63	228o/48o	520214	5399190	fine grained, white to grey, chloritic basalt with 10-50% calcite, 5-20% quartz veining, trace-2% py-po plus 5-20% pink feldsapr porphyry.	29	< 0.2	12	< 1	2	16
L38+50E	Porphyry-P	**1398307**	1.54	228o/48o	520216	5399191	fine grained, white to grey, chloritic basalt with 10-50% calcite, 5-20% quartz veining, trace-2% py-po plus 5-20% pink feldsapr porphyry.	**89**	< 0.2	11	2	< 2	13
L38+50E	Porphyry-P	**1398308**	1.56	228o/48o	520218	5399192	fine grained, white to grey, chloritic basalt with 10-50% calcite, 5-20% quartz veining, trace-2% py-po plus 5-20% pink feldsapr porphyry.	< 5	< 0.2	18	3	< 2	15
L38+50E	Porphyry-P	**1398309**	1.51	228o/48o	520221	5399193	fine grained, white to grey, chloritic basalt with 10-50% calcite, 5-20% quartz veining, trace-2% py-po plus 5-20% pink feldsapr porphyry.	33	< 0.2	9	< 1	3	16
L38+50E	Porphyry-P	**1398310**	1.55	228o/48o	520222	5399193	fine grained, white to grey, chloritic basalt with 10-50% calcite, 5-20% quartz veining, trace-2% py-po plus 5-20% pink feldsapr porphyry.	20	< 0.2	22	1	2	13
L38+50E	Porphyry-P	**1398311**	1.51	228o/48o	520223	5399193	fine grained, white to grey, chloritic basalt with 10-50% calcite, 5-20% quartz veining, trace-2% py-po plus 5-20% pink feldsapr porphyry.	6	< 0.2	17	2	3	19
L38+50E	Porphyry-P	**1398312**	1.50	228o/48o	520224	5399194	fine grained, white to grey, chloritic basalt with 10-50% calcite, 5-20% quartz veining, trace-2% py-po plus 5-20% pink feldsapr porphyry.	6	< 0.2	16	< 1	3	17
L38+50E	Porphyry-P	**1398313**	1.28	228o/48o	520225	5399194	fine grained, white to grey, chloritic basalt with 10-50% calcite, 5-20% quartz veining, trace-2% py-po plus 5-20% pink feldsapr porphyry.	44	< 0.2	12	2	< 2	13
L35E	Qtz Quarry	**1398314**	1.45	144o/324o	519646	5399396	>30% white quartz veins in shear gabbro + 3-5% py-po-cpy	< 5	< 0.2	44	10	< 2	33
L35E	Qtz Quarry	**1398315**	1.59	144o/324o	519647	5399394	>50% white quartz veins in shear gabbro + 1-2% py-po	< 5	< 0.2	74	21	< 2	67
L35E	Qtz Quarry	**1398316**	1.54	144o/324o	519649	5399393	>50% white quartz veins in shear gabbro + 1-2% py-po	< 5	< 0.2	114	10	< 2	40
L35E	Qtz Quarry	**1398317**	1.50	144o/324o	519650	5399392	15% white quartz veins in shear gabbro + 1% py-po	< 5	< 0.2	116	10	< 2	43
L35E	Qtz Quarry	**1398318**	1.68	144o/324o	519651	5399391	<5% white quartz veins in chlorite altered and shear gabbro with 2-3% py-po	< 5	< 0.2	**228**	23	< 2	56

Grid Line	Site	Sample No.	Length m	AZM	Easting	Northing	Description	Au ppb	Ag ppm	Cu ppm	Ni ppm	Pb ppm	Zn ppm	Pt ppb	Pd ppb
L22E	Gabbro Zone	**1398319**	1.10	114o/294o	518008	5399523	Altered Rhyolite- fine grained, light grey, silica altered (10-20%) with 2-3 pyrite-sph in altered rhyolite	< 5	0.3	47	< 1	3	14	na	na
L22E	Gabbro Zone	**1398320**	1.47	114o/294o	518009	5399525	Altered Rhyolite- fine grained, light grey, silica altered (10-20%) with 2-3 pyrite-sph in altered rhyolite	< 5	< 0.2	103	< 1	3	12	na	na
L22E	Gabbro Zone	**1398321**	1.44	130o/310o	518011	5399526	Altered Rhyolite- fine grained, light grey, silica altered (10-20%) with 2-3 pyrite-sph in altered rhyolite	< 5	0.4	42	1	3	14	na	na
L22E	Gabbro Zone	**1398322**	1.38	130o/310o	518012	5399526	Altered Rhyolite- fine grained, light grey, silica altered (10-20%) with 2-3 pyrite-sph in altered rhyolite	< 5	0.4	40	1	< 2	28	na	na
L22E	Gabbro Zone	**1398323**	0.74	130o/310o	518013	5399523	Altered Rhyolite- fine grained, light grey, silica altered (10-20%) with 2-3 pyrite-sph in altered rhyolite	< 5	0.4	32	< 1	3	19	na	na
L22E	Gabbro Zone	**1398324**	0.73	144o/334o	518016	5399517	Sheared Altered Rhyolite- fine grained, light grey, silica altered (10-20%) with 2-3 pyrite-sph in highly sheared (060^{o}/V) altered rhyolite	< 5	< 0.2	5	< 1	2	20	na	na
L22E	Gabbro Zone	**1398325**	1.05	144o/334o	518017	5399516	Silica Altered Rhyolite- fine grained, light grey, rhyolite with over 50% silica alteration with tr-1% pyrite	< 5	0.3	11	< 1	2	35	na	na
L22E	Gabbro Zone	**1398326**	1.35	144o/334o	518019	5399515	Sheared Course Gabbro - highly sheared (060^{o}/V), course-grained, melanogabbro with minor 4% quartz eyes and epidote alteration along fractures and fine, disseminated tr-2% pyrite-chalcopyrite.	< 2	< 0.2	33	14	< 2	147	< 5	< 5
L22E	Gabbro Zone	**1398327**	1.93	140o/320o	518021	5399517	Course Gabbro - course-grained, black, melanogabbro with minor 4% quartz eyes and epidote alteration along fractures and fine, disseminated tr-2% pyrite-chalcopyrite.	< 2	< 0.2	18	16	< 2	139	< 5	< 5
L22E	Gabbro Zone	**1398328**	1.35	140o/320o	518020	5399516	Course Gabbro - course-grained, black, melanogabbro with minor 4% quartz eyes and epidote alteration along fractures and fine, disseminated tr-2% pyrite-chalcopyrite.	< 2	< 0.2	18	16	< 2	118	< 5	< 5
L22E	Gabbro Zone	**1398329**	1.46	140o/320o	518020	5399515	Course Gabbro - course-grained, black, melanogabbro with minor 4% quartz eyes and epidote alteration along fractures and fine, disseminated tr-2% pyrite-chalcopyrite.	< 2	< 0.2	21	15	< 2	117	< 5	< 5
L22E	Gabbro Zone	**1398330**	1.46	140o/320o	518019	5399514	Course Gabbro (rusty) +/- Pegmatite units - course grained gabbro of >80% pyroxene-amphibole with lesser plagioclase-olivine-magnetite with small 0.1 - 1.0m section of pegmatitic units of similar composition. Also has fine, disseminated 1-2% pyrite-chalcopyrite with a gossanous surface.	< 2	< 0.2	54	20	< 2	105	< 5	< 5
L22E	Gabbro Zone	**1398331**	1.50	122o/302o	518028	5399508	Course Gabbro (rusty) +/- Pegmatite units - course grained gabbro of >80% pyroxene-amphibole with lesser plagioclase-olivine-magnetite with small 0.1 - 1.0m section of pegmatitic units of similar composition. Also has fine, disseminated 1-2% pyrite-chalcopyrite with a gossanous surface.	< 2	< 0.2	161	< 1	< 2	103	< 5	< 5

Grid Line	Site	Sample No.	Length m	AZM	Easting	Northing	Description	Au ppb	Ag ppm	Cu ppm	Ni ppm	Pb ppm	Zn ppm	Pt ppb	Pd ppb
L22E	Gabbro Zone	**1398332**	1.33	122o/302o	518029	5399507	Course Gabbro (rusty) +/- Pegmatite units - course grained gabbro of >80% pyroxene-amphibole with lesser plagioclase-olivine-magnetite with small 0.1 - 1.0m section of pegmatitic units of similar composition. Also has fine, disseminated 1-2% pyrite-chalcopyrite with a gossanous surface.	< 2	< 0.2	70	1	2	154	< 5	< 5
L22E	Gabbro Zone	**1398333**	1.55	122o/302o	518031	5399504	Course to Pegmatite Gabbro - course grained to pegmatitic, melanogabbro of >80% pyroxene-amphibole with lesser plagioclase-olivine-magnetite with fine, disseminated trace pyrite-chalcopyrite.	< 2	< 0.2	49	1	< 2	104	< 5	< 5
L22E	Gabbro Zone	**1398334**	1.51	108o/288o	518030	5399503	Course to Pegmatite Gabbro - course grained to pegmatitic, melanogabbro of >80% pyroxene-amphibole with lesser plagioclase-olivine-magnetite with fine, disseminated trace pyrite-chalcopyrite.	< 2	< 0.2	16	< 1	< 2	134	< 5	< 5
L22E	Gabbro Zone	**1398335**	1.42	108o/288o	518030	5399502	Course to Pegmatite Gabbro - course grained to pegmatitic, melanogabbro of >80% pyroxene-amphibole with lesser plagioclase-olivine-magnetite with fine, disseminated trace pyrite-chalcopyrite.	< 2	< 0.2	33	1	< 2	136	< 5	< 5
L22E	Gabbro Zone	**1398336**	1.52	174o/354o	518037	5399494	Medium to Course Gabbro - medium to course grained, leucogabbro with 47% pyroxene-amphibole and 47% plagioclase +/- olivine-magnetite with fine, disseminated, trace pyrite-chalcopyrite.	< 2	< 0.2	19	< 1	< 2	134	< 5	< 5
L22E	Gabbro Zone	**1398337**	1.48	174o/354o	518038	5399494	Medium to Course Gabbro - medium to course grained, leucogabbro with 47% pyroxene-amphibole and 47% plagioclase +/- olivine-magnetite with fine, disseminated, trace pyrite-chalcopyrite.	< 2	< 0.2	18	1	< 2	147	< 5	< 5
L22E	Gabbro Zone	**1398338**	1.60	174o/354o	518039	5399494	Medium to Course Gabbro - medium to course grained, leucogabbro with 47% pyroxene-amphibole and 47% plagioclase +/- olivine-magnetite with fine, disseminated, trace pyrite-chalcopyrite.	< 2	< 0.2	15	< 1	< 2	**219**	< 5	< 5

PAC2	**L71+50E Porth Arthur Copper North**
T-Trench	**L54E East Trench**
Shaft Trench	**L54E West Trench**
Bush Rat	**L60E Trench**
Hwy11 N. Gab	**L22E Gabbro above Hwy11**
Hwy11 S. Gab	**L20E Gabbro below Hwy11**
Qtz Quarry	**L35E Quarry in Gabbro**
West	**L38+50E Thompson Porphyry Zone**
East	**L38+50E Thompson Porphyry Zone**
South	**L38+50E Thompson Porphyry Zone**
Perpendicular	**L38+50E Thompson Porphyry Zone**

2014 Stripping Appendix B :
Assay Certificate

Quality Analysis ... *Innovative Technologies*

Date Submitted: 16-Sep-14
Invoice No.: A14-06651
Invoice Date: 23-Sep-14
Your Reference: Cat Key Project

NuVision Resources ULC
225 5th Ave West
Owen Sound ON N4K6B3
Canada

ATTN: Raymond Bernatchez

CERTIFICATE OF ANALYSIS

69 Rock samples were submitted for analysis.

The following analytical package was requested: Code 1A2-Tbay Au - Fire Assay AA (QOP Fire Assay Tbay)
Code 1E3-Tbay Aqua Regia ICP(AQUAGEO)

REPORT **A14-06651**

Notes:
If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

SCC Accredited LAB
LAB Accrédité CCN

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Results

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Detection Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Analysis Method	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
1398001	< 5	0.4	< 0.5	5	504	1	1	26	163	1.32	4	< 10	168	0.5	< 2	0.56	4	5	3.25	< 10	< 1	0.93	43
1398002	< 5	< 0.2	< 0.5	4	554	1	1	3	134	1.33	< 2	< 10	200	0.7	< 2	0.37	5	2	3.62	< 10	< 1	0.96	43
1398003	< 5	0.6	< 0.5	5	478	1	1	2	121	1.25	2	< 10	191	0.6	< 2	0.71	6	4	3.46	< 10	< 1	0.97	41
1398004	< 5	0.5	< 0.5	6	511	< 1	< 1	< 2	125	1.18	2	< 10	177	0.6	< 2	0.48	6	4	3.40	< 10	< 1	0.87	39
1398005	< 5	0.3	< 0.5	7	521	1	< 1	5	123	1.07	< 2	< 10	166	< 0.5	< 2	0.68	4	5	3.46	< 10	< 1	0.79	43
1398006	< 5	0.2	< 0.5	5	514	2	< 1	4	124	1.01	< 2	< 10	149	< 0.5	< 2	0.56	3	4	3.36	< 10	< 1	0.70	46
1398007	< 5	< 0.2	< 0.5	8	493	< 1	3	< 2	130	0.99	< 2	< 10	166	< 0.5	< 2	0.58	9	11	3.44	< 10	< 1	0.68	43
1398008	< 5	< 0.2	< 0.5	4	562	2	< 1	< 2	133	1.14	< 2	< 10	172	0.5	< 2	0.27	2	4	3.93	< 10	< 1	0.84	44
1398009	5	0.5	< 0.5	4	503	< 1	< 1	< 2	133	1.28	< 2	< 10	169	0.7	< 2	0.66	4	5	4.02	< 10	< 1	0.99	41
1398010	< 5	0.3	< 0.5	3	498	1	< 1	< 2	115	1.30	2	< 10	157	0.7	< 2	0.70	3	6	4.10	10	< 1	0.88	38
1398011	< 5	< 0.2	< 0.5	4	637	< 1	< 1	< 2	125	1.28	< 2	< 10	133	< 0.5	< 2	0.79	2	4	4.32	10	< 1	0.50	29
1398012	< 5	< 0.2	< 0.5	6	801	< 1	< 1	< 2	191	1.53	< 2	< 10	100	< 0.5	< 2	0.90	3	4	5.41	10	< 1	0.36	32
1398013	< 5	< 0.2	< 0.5	8	696	< 1	< 1	< 2	138	1.45	< 2	< 10	88	< 0.5	< 2	1.32	3	4	5.09	10	< 1	0.14	24
1398014	< 5	< 0.2	< 0.5	55	855	< 1	166	< 2	127	3.12	3	< 10	289	0.8	< 2	2.01	29	346	6.82	10	< 1	1.12	12
1398015	< 5	< 0.2	< 0.5	55	889	< 1	66	< 2	106	2.52	< 2	< 10	78	< 0.5	< 2	3.04	27	111	6.66	10	< 1	0.24	12
1398016	< 5	< 0.2	< 0.5	69	1290	1	115	< 2	183	3.11	3	< 10	147	< 0.5	< 2	1.58	41	144	8.04	10	< 1	0.33	< 10
1398017	< 5	< 0.2	< 0.5	74	1270	< 1	66	< 2	202	2.79	3	< 10	172	< 0.5	< 2	2.66	37	65	7.93	< 10	< 1	0.33	< 10
1398018	< 5	< 0.2	< 0.5	18	600	< 1	4	< 2	77	1.01	< 2	< 10	93	< 0.5	< 2	1.58	5	4	2.56	< 10	< 1	0.25	47
1398019	< 5	< 0.2	< 0.5	120	1440	6	33	< 2	159	1.66	< 2	< 10	132	< 0.5	< 2	3.40	34	23	7.03	< 10	< 1	0.34	13
1398020	< 5	< 0.2	< 0.5	38	729	3	10	4	78	0.93	< 2	< 10	92	< 0.5	< 2	1.01	10	5	2.91	< 10	< 1	0.25	52
1398021	< 5	< 0.2	< 0.5	32	843	2	4	< 2	68	0.69	< 2	< 10	74	< 0.5	< 2	0.90	6	5	2.98	< 10	< 1	0.21	47
1398022	< 5	< 0.2	< 0.5	27	908	< 1	23	< 2	111	1.17	< 2	< 10	105	< 0.5	< 2	0.85	19	18	4.39	< 10	< 1	0.29	36
1398023	< 5	< 0.2	< 0.5	70	864	< 1	175	17	159	1.98	< 2	< 10	167	< 0.5	5	3.13	28	240	4.40	< 10	< 1	0.68	14
1398024	< 5	< 0.2	0.5	30	794	2	4	24	319	0.60	< 2	< 10	63	< 0.5	4	0.50	5	9	2.99	< 10	< 1	0.33	42
1398025	< 5	< 0.2	< 0.5	13	849	2	< 1	18	217	0.81	< 2	< 10	76	0.5	< 2	0.58	2	3	2.54	< 10	< 1	0.46	53
1398026	< 5	< 0.2	< 0.5	15	704	2	1	19	229	0.83	< 2	< 10	77	0.5	< 2	0.44	2	4	2.29	< 10	< 1	0.50	45
1398027	< 5	< 0.2	< 0.5	22	660	2	3	8	98	0.77	< 2	< 10	64	0.6	< 2	0.26	5	5	2.21	< 10	< 1	0.38	53
1398028	< 5	< 0.2	< 0.5	32	762	2	4	22	208	0.81	< 2	< 10	90	0.6	< 2	0.62	6	4	2.13	< 10	< 1	0.45	48
1398029	< 5	< 0.2	< 0.5	31	702	2	5	12	184	0.84	< 2	< 10	106	0.6	< 2	0.50	6	5	2.02	< 10	< 1	0.46	50
1398030	< 5	< 0.2	< 0.5	39	844	2	4	4	189	0.98	3	< 10	123	0.6	< 2	0.16	7	4	2.43	< 10	< 1	0.62	53
1398031	6	< 0.2	< 0.5	36	789	3	5	8	173	0.79	3	< 10	103	< 0.5	< 2	0.91	7	5	2.19	< 10	< 1	0.41	44
1398032	69	< 0.2	0.7	57	672	2	9	11	439	0.65	< 2	< 10	79	< 0.5	< 2	0.57	11	7	1.91	< 10	< 1	0.31	37
1398033	< 5	< 0.2	< 0.5	34	729	1	5	7	196	0.71	< 2	< 10	79	< 0.5	< 2	0.36	6	5	1.94	< 10	< 1	0.31	38
1398034	< 5	< 0.2	< 0.5	34	863	2	3	5	53	0.78	< 2	< 10	80	< 0.5	< 2	0.06	5	4	2.41	< 10	< 1	0.32	32
1398035	< 5	< 0.2	< 0.5	27	609	2	2	7	141	0.78	< 2	< 10	80	0.6	< 2	0.34	6	6	2.21	< 10	< 1	0.34	49
1398036	6	< 0.2	< 0.5	23	728	2	2	13	258	1.09	< 2	< 10	126	0.9	< 2	0.25	4	8	2.18	< 10	< 1	0.57	48
1398037	< 5	< 0.2	< 0.5	22	823	3	2	29	368	0.93	< 2	< 10	108	0.7	< 2	0.08	4	6	2.47	< 10	< 1	0.42	40
1398038	< 5	< 0.2	< 0.5	20	502	< 1	2	12	101	0.75	< 2	< 10	89	0.5	< 2	0.28	4	8	1.92	< 10	< 1	0.32	44
1398039	22	< 0.2	< 0.5	54	477	2	8	26	273	0.98	< 2	< 10	137	0.6	< 2	0.31	8	9	2.26	< 10	< 1	0.57	50
1398040	53	< 0.2	< 0.5	33	558	3	10	13	139	1.07	< 2	< 10	146	0.7	< 2	0.82	5	15	2.03	< 10	< 1	0.69	51
1398041	34	< 0.2	< 0.5	20	648	2	1	13	157	0.86	< 2	< 10	136	0.7	< 2	0.32	2	7	1.84	< 10	< 1	0.53	49
1398042	10	< 0.2	< 0.5	22	599	2	< 1	10	170	0.73	< 2	< 10	110	0.5	< 2	0.33	1	6	2.00	< 10	< 1	0.45	47
1398043	< 5	< 0.2	< 0.5	12	538	< 1	< 1	16	166	0.80	< 2	< 10	149	0.6	< 2	0.29	1	8	2.00	< 10	< 1	0.45	50
1398044	< 5	< 0.2	< 0.5	7	566	< 1	< 1	14	225	0.79	< 2	< 10	138	0.6	< 2	0.32	< 1	9	1.85	< 10	< 1	0.49	55
1398045	< 5	< 0.2	< 0.5	10	641	2	3	7	163	0.86	< 2	< 10	141	0.7	< 2	0.50	1	11	1.88	< 10	< 1	0.53	57
1398046	< 5	< 0.2	< 0.5	41	739	2	2	12	149	0.84	< 2	< 10	145	0.8	< 2	0.36	1	9	2.11	< 10	< 1	0.48	54
1398047	< 5	< 0.2	< 0.5	73	580	2	3	10	179	0.72	< 2	< 10	127	0.7	< 2	0.41	< 1	14	2.10	< 10	< 1	0.41	46
1398048	95	< 0.2	< 0.5	55	627	1	5	20	164	0.86	< 2	< 10	131	0.7	< 2	0.32	6	11	2.48	< 10	< 1	0.39	56
1398049	< 5	< 0.2	< 0.5	23	522	< 1	3	25	116	0.65	< 2	< 10	110	0.6	< 2	0.67	4	14	1.95	< 10	< 1	0.35	60

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Detection Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Analysis Method	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
1398050	< 5	< 0.2	< 0.5	42	415	< 1	5	16	122	0.65	< 2	< 10	106	0.6	< 2	0.38	8	12	1.70	< 10	< 1	0.32	52
1398051	< 5	< 0.2	< 0.5	30	460	< 1	5	17	160	0.91	< 2	< 10	145	0.8	< 2	0.31	7	12	2.20	< 10	< 1	0.42	60
1398052	< 5	< 0.2	< 0.5	22	482	< 1	3	4	152	0.76	< 2	< 10	125	0.8	< 2	0.42	5	15	2.00	< 10	< 1	0.47	52
1398053	< 5	< 0.2	< 0.5	17	673	1	1	6	141	0.81	< 2	< 10	109	0.8	< 2	0.48	3	10	2.56	< 10	< 1	0.49	52
1398054	< 5	< 0.2	< 0.5	23	783	3	1	14	184	0.87	< 2	< 10	137	1.0	< 2	0.58	3	7	2.06	< 10	< 1	0.58	57
1398055	< 5	< 0.2	< 0.5	27	710	< 1	3	6	212	0.81	< 2	< 10	118	1.0	< 2	0.23	7	11	2.49	< 10	< 1	0.52	50
1398056	< 5	< 0.2	< 0.5	32	556	< 1	3	2	164	0.74	< 2	< 10	127	0.9	< 2	0.16	6	12	2.30	< 10	< 1	0.48	51
1398057	< 5	< 0.2	< 0.5	25	555	< 1	3	4	103	0.68	< 2	< 10	138	0.8	< 2	0.05	6	15	2.04	< 10	< 1	0.43	54
1398058	< 5	< 0.2	< 0.5	34	549	< 1	6	3	122	0.57	< 2	< 10	114	0.7	< 2	0.04	8	15	1.98	< 10	< 1	0.34	49
1398059	< 5	< 0.2	< 0.5	25	705	< 1	5	3	186	0.75	< 2	< 10	142	0.9	< 2	0.41	6	10	2.42	< 10	< 1	0.51	52
1398060	< 5	< 0.2	< 0.5	38	653	< 1	5	4	145	0.73	< 2	< 10	137	0.9	< 2	0.09	8	11	2.35	< 10	< 1	0.45	49
1398061	< 5	< 0.2	< 0.5	22	540	1	3	4	144	0.78	6	< 10	142	0.8	< 2	0.10	4	6	2.33	< 10	< 1	0.48	49
1398062	< 5	0.2	< 0.5	17	538	< 1	1	5	142	0.89	< 2	< 10	173	0.9	< 2	0.15	4	7	2.58	< 10	< 1	0.59	57
1398063	< 5	< 0.2	< 0.5	17	560	< 1	3	2	110	0.96	< 2	< 10	173	0.5	< 2	0.13	4	8	2.87	< 10	< 1	0.62	59
1398064	< 5	< 0.2	< 0.5	26	653	< 1	4	2	125	0.71	< 2	< 10	125	< 0.5	< 2	0.18	7	8	2.45	< 10	< 1	0.42	69
1398065	< 5	< 0.2	< 0.5	42	525	< 1	11	3	65	0.66	< 2	< 10	84	< 0.5	< 2	0.06	11	18	2.18	< 10	< 1	0.27	68
1398066	< 5	< 0.2	< 0.5	27	660	< 1	4	5	159	0.86	< 2	< 10	162	0.9	< 2	0.18	6	12	2.59	< 10	< 1	0.52	54
1398067	< 5	< 0.2	< 0.5	47	468	< 1	9	3	139	0.66	< 2	< 10	135	0.9	< 2	0.08	11	11	2.02	< 10	< 1	0.41	53
1398068	< 5	< 0.2	< 0.5	45	620	< 1	8	2	145	0.65	< 2	< 10	119	0.9	< 2	0.25	10	9	2.26	< 10	< 1	0.40	54
1398069	< 5	< 0.2	< 0.5	17	541	< 1	< 1	5	144	0.78	< 2	< 10	146	0.9	< 2	0.45	5	10	2.29	< 10	< 1	0.51	54

Results

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1
Analysis Method	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
1398001	0.32	0.082	0.013	0.01	< 2	2	12	0.16	3	< 2	< 10	1	< 10	16	164
1398002	0.36	0.092	0.013	< 0.01	< 2	2	8	0.17	2	< 2	< 10	1	< 10	14	116
1398003	0.38	0.093	0.011	< 0.01	< 2	2	18	0.17	2	< 2	< 10	1	< 10	17	189
1398004	0.35	0.097	0.011	< 0.01	< 2	2	12	0.15	3	< 2	< 10	1	< 10	16	166
1398005	0.34	0.079	0.012	< 0.01	< 2	2	16	0.15	5	< 2	< 10	1	< 10	15	183
1398006	0.28	0.073	0.012	< 0.01	< 2	1	17	0.15	2	< 2	< 10	1	< 10	15	167
1398007	0.31	0.080	0.012	< 0.01	< 2	1	18	0.14	2	< 2	< 10	1	< 10	15	152
1398008	0.38	0.080	0.014	< 0.01	3	2	9	0.17	1	< 2	< 10	1	< 10	16	179
1398009	0.44	0.090	0.015	< 0.01	< 2	2	17	0.19	4	< 2	< 10	1	< 10	22	233
1398010	0.44	0.087	0.018	< 0.01	< 2	3	16	0.18	< 1	3	< 10	1	< 10	21	171
1398011	0.46	0.065	0.036	< 0.01	3	4	16	0.13	5	< 2	< 10	1	< 10	10	36
1398012	0.61	0.066	0.044	0.02	< 2	4	24	0.13	5	3	< 10	1	< 10	9	26
1398013	0.57	0.062	0.052	< 0.01	< 2	5	40	0.10	3	< 2	< 10	2	< 10	8	12
1398014	3.07	0.053	0.050	0.04	3	22	84	0.20	2	< 2	< 10	161	< 10	5	19
1398015	2.39	0.056	0.061	0.04	3	22	133	0.11	5	< 2	< 10	199	< 10	5	13
1398016	2.50	0.035	0.054	0.10	2	17	64	0.12	3	< 2	< 10	160	< 10	5	13
1398017	2.02	0.029	0.039	0.05	4	8	75	0.12	1	< 2	< 10	98	< 10	5	17
1398018	0.61	0.041	0.006	< 0.01	< 2	< 1	40	0.06	< 1	< 2	< 10	2	< 10	17	126
1398019	1.27	0.028	0.043	0.14	3	6	56	0.11	2	< 2	< 10	56	< 10	6	19
1398020	0.37	0.052	0.008	0.02	< 2	< 1	14	0.07	< 1	< 2	< 10	4	< 10	18	116
1398021	0.23	0.052	0.006	< 0.01	< 2	< 1	9	0.06	3	< 2	< 10	4	< 10	17	109
1398022	0.55	0.042	0.019	0.06	2	3	20	0.09	< 1	< 2	< 10	29	< 10	11	45
1398023	3.03	0.052	0.104	0.36	3	6	284	0.07	< 1	2	< 10	55	< 10	6	10
1398024	0.10	0.044	0.006	0.35	< 2	< 1	23	0.06	< 1	< 2	< 10	3	< 10	12	77
1398025	0.05	0.031	0.005	0.09	< 2	< 1	13	0.05	< 1	< 2	< 10	2	< 10	16	94
1398026	0.06	0.022	0.004	0.09	< 2	< 1	10	0.05	2	< 2	< 10	1	< 10	16	104
1398027	0.05	0.036	0.005	< 0.01	< 2	< 1	7	0.05	< 1	< 2	< 10	2	< 10	16	68
1398028	0.05	0.029	0.003	0.03	< 2	< 1	12	0.04	2	< 2	< 10	1	< 10	15	70
1398029	0.05	0.037	0.003	< 0.01	< 2	< 1	10	0.05	< 1	2	< 10	1	< 10	18	76
1398030	0.04	0.025	0.004	0.01	< 2	< 1	5	0.06	2	< 2	< 10	1	< 10	19	108
1398031	0.06	0.036	0.004	0.02	< 2	< 1	14	0.06	2	< 2	< 10	1	< 10	18	95
1398032	0.05	0.040	0.005	0.03	< 2	< 1	9	0.04	1	< 2	< 10	2	< 10	17	67
1398033	0.04	0.032	0.005	0.02	< 2	< 1	6	0.02	< 1	< 2	< 10	< 1	< 10	17	58
1398034	0.04	0.023	0.006	0.02	2	< 1	3	< 0.01	< 1	< 2	< 10	< 1	< 10	16	45
1398035	0.06	0.042	0.003	0.02	< 2	< 1	7	0.05	< 1	< 2	< 10	< 1	< 10	20	83
1398036	0.05	0.040	0.003	0.01	< 2	< 1	6	0.04	< 1	< 2	< 10	1	< 10	25	81
1398037	0.05	0.037	0.003	< 0.01	< 2	< 1	4	0.03	2	< 2	< 10	2	< 10	20	61
1398038	0.07	0.048	0.004	0.02	< 2	< 1	9	0.05	< 1	< 2	< 10	1	< 10	17	54
1398039	0.13	0.044	0.007	0.06	< 2	< 1	11	0.07	2	< 2	< 10	1	< 10	18	88
1398040	0.28	0.047	0.014	0.07	< 2	< 1	40	0.07	2	< 2	< 10	4	< 10	19	74
1398041	0.05	0.038	0.005	0.05	< 2	< 1	8	0.05	1	< 2	< 10	< 1	< 10	21	85
1398042	0.05	0.066	0.005	0.04	< 2	< 1	7	0.07	2	< 2	< 10	< 1	< 10	21	96
1398043	0.06	0.058	0.005	0.03	< 2	< 1	7	0.07	2	< 2	< 10	< 1	< 10	18	80
1398044	0.05	0.076	0.004	< 0.01	< 2	< 1	7	0.08	< 1	< 2	< 10	1	< 10	23	94
1398045	0.05	0.049	0.003	0.01	< 2	< 1	10	0.06	< 1	< 2	< 10	< 1	< 10	23	78
1398046	0.05	0.043	0.004	0.03	< 2	< 1	7	0.05	2	< 2	< 10	1	< 10	22	66
1398047	0.05	0.077	0.004	< 0.01	< 2	< 1	8	0.07	1	< 2	< 10	1	< 10	21	75
1398048	0.09	0.086	0.004	< 0.01	< 2	< 1	6	0.08	2	< 2	< 10	1	< 10	22	82
1398049	0.07	0.086	0.004	< 0.01	< 2	< 1	12	0.08	3	< 2	< 10	< 1	< 10	23	72

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1
Analysis Method	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
1398050	0.09	0.068	0.004	< 0.01	< 2	< 1	7	0.06	1	< 2	< 10	< 1	< 10	19	61
1398051	0.11	0.076	0.005	< 0.01	< 2	< 1	7	0.07	2	< 2	< 10	< 1	< 10	20	73
1398052	0.09	0.074	0.004	< 0.01	< 2	< 1	9	0.08	2	< 2	< 10	< 1	< 10	20	74
1398053	0.10	0.077	0.004	< 0.01	< 2	< 1	9	0.10	2	< 2	< 10	< 1	< 10	21	81
1398054	0.06	0.046	0.003	< 0.01	< 2	< 1	9	0.05	< 1	< 2	< 10	< 1	< 10	26	86
1398055	0.09	0.083	0.004	< 0.01	< 2	< 1	5	0.10	< 1	< 2	< 10	< 1	< 10	24	102
1398056	0.09	0.089	0.005	< 0.01	< 2	< 1	4	0.10	3	< 2	< 10	< 1	< 10	23	96
1398057	0.07	0.073	0.005	< 0.01	< 2	< 1	3	0.09	< 1	< 2	< 10	1	< 10	22	100
1398058	0.05	0.081	0.005	< 0.01	< 2	< 1	3	0.09	< 1	< 2	< 10	2	< 10	19	92
1398059	0.11	0.072	0.004	< 0.01	< 2	< 1	10	0.09	< 1	< 2	< 10	< 1	< 10	22	107
1398060	0.08	0.090	0.006	< 0.01	3	< 1	4	0.10	1	< 2	< 10	< 1	< 10	26	115
1398061	0.11	0.096	0.008	0.01	< 2	1	5	0.11	1	< 2	< 10	2	< 10	26	138
1398062	0.12	0.106	0.007	< 0.01	< 2	1	5	0.12	3	< 2	< 10	2	< 10	26	162
1398063	0.13	0.105	0.006	< 0.01	< 2	1	4	0.13	2	< 2	< 10	2	< 10	20	128
1398064	0.09	0.107	0.007	< 0.01	< 2	1	5	0.11	2	< 2	< 10	2	< 10	16	98
1398065	0.11	0.146	0.009	< 0.01	2	1	4	0.11	5	< 2	< 10	3	< 10	10	103
1398066	0.11	0.106	0.005	< 0.01	< 2	1	5	0.12	2	< 2	< 10	2	< 10	22	95
1398067	0.07	0.085	0.005	< 0.01	< 2	< 1	4	0.10	< 1	< 2	< 10	< 1	< 10	25	108
1398068	0.08	0.077	0.004	< 0.01	< 2	< 1	5	0.09	3	< 2	< 10	1	< 10	23	75
1398069	0.09	0.089	0.006	< 0.01	< 2	< 1	7	0.09	2	< 2	< 10	1	< 10	24	77

QC

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Detection Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Analysis Method	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-1 Meas		29.5	2.0	1150	814	14	32	628	681	0.41	382	< 10	345	0.8	1550	0.73	8	7	22.4	< 10	5	0.04	< 10
GXR-1 Cert		31.0	3.30	1110	852	18.0	41.0	730	760	3.52	427	15.0	750	1.22	1380	0.960	8.20	12.0	23.6	13.8	3.90	0.050	7.50
GXR-4 Meas		3.6	< 0.5	6160	148	314	38	45	72	2.82	102	< 10	107	1.3	25	0.85	13	53	3.05	10	< 1	1.69	49
GXR-4 Cert		4.0	0.860	6520	155	310	42.0	52.0	73.0	7.20	98.0	4.50	1640	1.90	19.0	1.01	14.6	64.0	3.09	20.0	0.110	4.01	64.5
GXR-6 Meas		0.3	< 0.5	74	1050	1	22	93	124	7.36	213	< 10	758	0.9	2	0.14	12	79	5.64	20	< 1	1.19	< 10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
SAR-M (U.S.G.S.) Meas		4.0	5.9	345	4770	13	45	1070	1020	1.27	38		177	1.1	< 2	0.30	10	93	2.85	< 10		0.31	46
SAR-M (U.S.G.S.) Cert		3.64	5.27	331.0000	5220	13.1	41.5	982	930.0	6.30	38.8		801	2.20	1.94	0.61	10.70	79.7	2.99	17		2.94	57.4
OxD108 Meas	453																						
OxD108 Cert	414.000																						
OxD108 Meas	397																						
OxD108 Cert	414.000																						
OxD108 Meas	434																						
OxD108 Cert	414.000																						
SF67 Meas	900																						
SF67 Cert	835.000																						
SF67 Meas	896																						
SF67 Cert	835.000																						
SF67 Meas	905																						
SF67 Cert	835.000																						
1398010 Orig	< 5																						
1398010 Dup	< 5																						
1398013 Orig		< 0.2	< 0.5	8	689	< 1	< 1	< 2	137	1.44	< 2	< 10	87	< 0.5	< 2	1.31	3	4	5.03	10	< 1	0.14	24
1398013 Dup		< 0.2	< 0.5	9	702	< 1	< 1	3	140	1.47	< 2	< 10	90	< 0.5	< 2	1.34	3	4	5.15	10	< 1	0.14	24
1398020 Orig	< 5																						
1398020 Dup	< 5																						
1398027 Orig		< 0.2	< 0.5	21	675	2	3	8	100	0.79	< 2	< 10	67	0.6	< 2	0.26	5	4	2.24	< 10	< 1	0.39	53
1398027 Dup		< 0.2	< 0.5	22	644	2	2	7	96	0.75	2	< 10	62	0.6	< 2	0.26	5	6	2.17	< 10	< 1	0.37	52
1398030 Orig	< 5	< 0.2	< 0.5	39	844	2	4	4	189	0.98	3	< 10	123	0.6	< 2	0.16	7	4	2.43	< 10	< 1	0.62	53
1398030 Split	< 5	< 0.2	< 0.5	40	830	2	6	5	185	0.97	< 2	< 10	121	0.5	< 2	0.16	7	3	2.39	< 10	< 1	0.62	53
1398033 Orig	< 5																						
1398033 Dup	< 5																						
1398039 Orig		< 0.2	< 0.5	56	480	2	8	26	274	1.01	< 2	< 10	140	0.6	< 2	0.32	8	9	2.28	< 10	< 1	0.58	51
1398039 Dup		< 0.2	< 0.5	53	474	2	8	26	272	0.95	< 2	< 10	133	0.5	< 2	0.31	8	8	2.23	< 10	< 1	0.55	49
1398044 Orig	< 5																						
1398044 Dup	< 5																						
1398050 Orig	< 5	< 0.2	< 0.5	42	415	< 1	5	16	122	0.65	< 2	< 10	106	0.6	< 2	0.38	8	12	1.70	< 10	< 1	0.32	52
1398050 Split	< 5	< 0.2	< 0.5	48	458	< 1	8	18	133	0.69	< 2	< 10	118	0.7	< 2	0.42	11	15	1.84	< 10	< 1	0.36	57
1398052 Orig		< 0.2	< 0.5	22	486	< 1	3	4	153	0.78	< 2	< 10	126	0.8	< 2	0.42	5	15	2.01	< 10	< 1	0.48	53
1398052 Dup		< 0.2	< 0.5	22	478	< 1	3	4	151	0.75	< 2	< 10	123	0.8	< 2	0.41	5	15	1.98	< 10	< 1	0.47	51
1398053 Orig	< 5																						
1398053 Dup	< 5																						
1398060 Orig	< 5	< 0.2	< 0.5	38	653	< 1	5	4	145	0.73	< 2	< 10	137	0.9	< 2	0.09	8	11	2.35	< 10	< 1	0.45	49
1398060 Split	< 5	< 0.2	< 0.5	38	579	< 1	6	5	131	0.65	< 2	< 10	119	0.8	< 2	0.09	7	6	2.13	< 10	< 1	0.39	43
1398062 Orig	< 5																						
1398062 Dup	< 5																						
Method Blank	< 5																						

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Detection Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Analysis Method	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank		< 0.2	< 0.5	1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10

QC

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1
Analysis Method	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-1 Meas	0.14	0.054	0.045	0.20	89	1	180	< 0.01	22	< 2	32	76	147	24	17
GXR-1 Cert	0.217	0.0520	0.0650	0.257	122	1.58	275	0.036	13.0	0.390	34.9	80.0	164	32.0	38.0
GXR-4 Meas	1.55	0.139	0.121	1.69	4	7	69	0.13	2	< 2	< 10	76	12	11	11
GXR-4 Cert	1.66	0.564	0.120	1.77	4.80	7.70	221	0.29	0.970	3.20	6.20	87.0	30.8	14.0	186
GXR-6 Meas	0.40	0.078	0.034	0.01	4	21	28		< 1	3	< 10	160	< 10	5	7
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		0.0180	2.20	1.54	186	1.90	14.0	110
SAR-M (U.S.G.S.) Meas	0.36	0.042	0.064		5	4	30	0.05	7	< 2	< 10	36	< 10	19	
SAR-M (U.S.G.S.) Cert	0.50	1.140	0.07		6.0	7.83	151	0.38	0.96	2.7	3.57	67.2	9.78	28.00	
OxD108 Meas															
OxD108 Cert															
OxD108 Meas															
OxD108 Cert															
OxD108 Meas															
OxD108 Cert															
SF67 Meas															
SF67 Cert															
SF67 Meas															
SF67 Cert															
SF67 Meas															
SF67 Cert															
1398010 Orig															
1398010 Dup															
1398013 Orig	0.56	0.061	0.052	< 0.01	< 2	4	40	0.10	2	< 2	< 10	2	< 10	8	14
1398013 Dup	0.57	0.063	0.053	< 0.01	< 2	5	40	0.10	3	< 2	< 10	2	< 10	8	10
1398020 Orig															
1398020 Dup															
1398027 Orig	0.05	0.036	0.005	< 0.01	< 2	< 1	7	0.05	< 1	< 2	< 10	2	< 10	17	69
1398027 Dup	0.05	0.036	0.005	0.01	< 2	< 1	7	0.05	3	< 2	< 10	2	< 10	16	67
1398030 Orig	0.04	0.025	0.004	0.01	< 2	< 1	5	0.06	2	< 2	< 10	1	< 10	19	108
1398030 Split	0.04	0.026	0.003	0.01	< 2	< 1	5	0.06	3	< 2	< 10	1	< 10	19	102
1398033 Orig															
1398033 Dup															
1398039 Orig	0.13	0.046	0.007	0.06	< 2	< 1	11	0.08	2	< 2	< 10	1	< 10	18	84
1398039 Dup	0.13	0.042	0.007	0.06	< 2	< 1	11	0.07	2	3	< 10	1	< 10	18	91
1398044 Orig															
1398044 Dup															
1398050 Orig	0.09	0.068	0.004	< 0.01	< 2	< 1	7	0.06	1	< 2	< 10	< 1	< 10	19	61
1398050 Split	0.09	0.076	0.005	0.01	< 2	< 1	8	0.07	< 1	< 2	< 10	< 1	< 10	21	72

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1
Analysis Method	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
1398052 Orig	0.09	0.075	0.004	< 0.01	< 2	< 1	9	0.08	2	< 2	< 10	< 1	< 10	20	75
1398052 Dup	0.09	0.073	0.004	< 0.01	< 2	< 1	9	0.08	1	< 2	< 10	< 1	< 10	20	74
1398053 Orig															
1398053 Dup															
1398060 Orig	0.08	0.090	0.006	< 0.01	3	< 1	4	0.10	1	< 2	< 10	< 1	< 10	26	115
1398060 Split	0.08	0.081	0.006	< 0.01	< 2	< 1	4	0.08	< 1	< 2	< 10	< 1	< 10	23	95
1398062 Orig															
1398062 Dup															
Method Blank															
Method Blank															
Method Blank															
Method Blank															
Method Blank	< 0.01	0.011	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.012	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 1	< 2	< 10	< 1	< 10	< 1	< 1

Quality Analysis ... *Innovative Technologies*

Date Submitted: 29-Sep-14
Invoice No.: A14-06998
Invoice Date: 03-Oct-14
Your Reference: Cat Key Project

NuVision Resources ULC
225 5th Ave West
Owen Sound ON N4K6B3
Canada

ATTN: Raymond Bernatchez

CERTIFICATE OF ANALYSIS

88 Rock samples were submitted for analysis.

The following analytical package was requested: Code 1A2-Tbay Au - Fire Assay AA (QOP Fire Assay Tbay)
Code 1E3-Tbay Aqua Regia ICP(AQUAGEO)

REPORT **A14-06998**

Notes:
If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

SCC Accredited LAB
LAB Accrédité CCN

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Results

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Detection Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Analysis Method	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
1398070	< 5	< 0.2	< 0.5	12	751	2	1	3	106	1.42	2	< 10	93	0.5	3	0.48	5	3	4.65	10	< 1	0.53	35
1398071	< 5	< 0.2	< 0.5	16	695	2	2	3	121	1.63	< 2	< 10	91	0.5	< 2	0.59	9	1	4.86	10	< 1	0.47	36
1398072	< 5	< 0.2	< 0.5	10	760	< 1	< 1	< 2	101	1.42	< 2	< 10	92	< 0.5	< 2	0.93	8	< 1	4.34	10	< 1	0.49	34
1398073	< 5	< 0.2	< 0.5	16	771	< 1	< 1	< 2	120	1.75	< 2	< 10	111	0.5	< 2	0.55	6	< 1	4.73	10	< 1	0.59	37
1398074	< 5	< 0.2	< 0.5	27	795	< 1	< 1	2	101	1.44	< 2	< 10	167	0.5	< 2	0.26	15	2	4.58	10	< 1	0.55	46
1398075	< 5	< 0.2	< 0.5	7	923	< 1	9	2	98	1.43	< 2	< 10	156	0.5	< 2	0.81	6	1	4.69	10	< 1	0.57	39
1398076	< 5	< 0.2	< 0.5	4	961	< 1	< 1	< 2	111	1.31	< 2	< 10	76	< 0.5	< 2	0.81	6	< 1	4.48	10	< 1	0.35	38
1398077	< 5	< 0.2	< 0.5	4	753	< 1	< 1	< 2	164	1.65	< 2	< 10	45	< 0.5	< 2	1.13	6	< 1	4.75	10	< 1	0.17	35
1398078	< 5	< 0.2	< 0.5	10	672	< 1	< 1	2	162	1.54	< 2	< 10	35	< 0.5	< 2	0.94	11	1	4.30	10	< 1	0.13	36
1398079	< 5	< 0.2	< 0.5	17	762	< 1	< 1	< 2	146	1.74	< 2	< 10	41	< 0.5	< 2	1.00	11	1	4.54	10	< 1	0.21	36
1398080	< 5	< 0.2	< 0.5	35	970	1	< 1	2	89	1.15	< 2	< 10	34	< 0.5	< 2	1.35	18	< 1	3.74	< 10	< 1	0.17	36
1398081	< 5	< 0.2	< 0.5	24	841	< 1	< 1	< 2	110	1.62	< 2	< 10	38	< 0.5	< 2	1.11	19	1	4.65	10	< 1	0.18	35
1398082	< 5	< 0.2	< 0.5	65	731	< 1	2	21	143	1.56	< 2	< 10	42	< 0.5	< 2	1.07	34	2	4.25	< 10	< 1	0.19	33
1398083	39	0.8	< 0.5	285	1310	1	14	22	81	0.94	5	< 10	53	< 0.5	< 2	1.67	25	21	3.76	< 10	< 1	0.22	< 10
1398084	< 5	< 0.2	< 0.5	74	2120	< 1	48	3	199	3.14	2	< 10	43	< 0.5	< 2	3.22	43	82	9.93	10	< 1	0.20	11
1398085	6	0.3	< 0.5	133	1320	< 1	49	3	157	3.89	< 2	< 10	19	< 0.5	< 2	3.59	37	101	8.99	10	< 1	0.06	10
1398086	< 5	0.2	< 0.5	145	1420	< 1	52	< 2	103	4.21	2	< 10	14	< 0.5	< 2	3.22	42	119	9.19	10	< 1	< 0.01	< 10
1398087	< 5	0.3	< 0.5	142	1440	< 1	52	< 2	102	4.47	3	< 10	11	< 0.5	< 2	3.35	40	129	9.43	10	1	< 0.01	< 10
1398088	6	< 0.2	0.5	193	1300	< 1	66	2	107	4.37	3	< 10	< 10	< 0.5	< 2	3.09	48	138	9.11	10	< 1	< 0.01	< 10
1398089	5	< 0.2	0.6	140	1240	< 1	52	< 2	110	4.30	< 2	< 10	11	< 0.5	< 2	2.80	38	143	8.97	10	< 1	0.01	< 10
1398090	< 5	< 0.2	0.9	131	1240	< 1	52	3	89	4.14	< 2	< 10	14	< 0.5	< 2	3.69	36	144	9.05	10	1	0.07	< 10
1398091	5	< 0.2	< 0.5	139	1340	< 1	52	< 2	91	4.04	2	< 10	13	< 0.5	2	3.22	35	144	8.96	10	< 1	0.07	< 10
1398092	< 5	0.2	< 0.5	129	1440	< 1	50	< 2	89	3.82	4	< 10	14	< 0.5	< 2	3.38	34	123	8.53	10	< 1	0.05	< 10
1398093	< 5	< 0.2	< 0.5	135	1200	< 1	45	< 2	81	3.80	2	< 10	< 10	< 0.5	< 2	2.81	36	119	7.62	< 10	< 1	0.01	< 10
1398094	< 5	< 0.2	0.7	107	1240	< 1	42	< 2	88	3.82	7	< 10	< 10	< 0.5	< 2	2.38	40	89	9.08	10	< 1	0.01	< 10
1398095	< 5	< 0.2	< 0.5	144	1390	< 1	53	< 2	81	4.01	< 2	< 10	< 10	< 0.5	< 2	3.88	40	130	8.49	10	< 1	0.04	< 10
1398096	< 5	< 0.2	< 0.5	141	1370	< 1	49	< 2	84	4.26	< 2	< 10	< 10	< 0.5	< 2	4.22	37	127	9.10	10	< 1	0.03	< 10
1398097	< 5	< 0.2	< 0.5	127	1320	< 1	53	< 2	88	4.40	< 2	< 10	< 10	< 0.5	< 2	3.10	39	133	9.20	10	< 1	< 0.01	< 10
1398098	< 5	< 0.2	1.1	86	1160	< 1	31	< 2	93	3.53	< 2	< 10	14	< 0.5	< 2	1.91	31	85	7.42	20	< 1	0.03	15
1398099	< 5	< 0.2	< 0.5	13	1120	< 1	< 1	< 2	107	2.35	3	< 10	31	< 0.5	< 2	1.47	6	2	5.41	10	< 1	0.15	33
1398100	< 5	< 0.2	< 0.5	16	1150	< 1	< 1	< 2	110	2.39	< 2	< 10	39	< 0.5	< 2	1.31	5	1	5.33	10	< 1	0.21	28
1398101	< 5	< 0.2	< 0.5	9	1170	< 1	2	< 2	104	2.98	< 2	< 10	107	0.8	< 2	1.47	4	3	4.97	10	< 1	0.78	30
1398102	< 5	< 0.2	< 0.5	11	1480	< 1	18	< 2	131	3.19	< 2	< 10	116	0.7	< 2	2.28	15	28	6.63	10	< 1	0.80	21
1398103	< 5	< 0.2	< 0.5	49	1320	< 1	47	< 2	139	3.09	< 2	< 10	42	< 0.5	< 2	3.36	32	70	8.90	10	< 1	0.21	< 10
1398104	< 5	< 0.2	< 0.5	55	1340	< 1	47	2	122	3.13	4	< 10	43	< 0.5	< 2	3.39	35	75	8.91	10	< 1	0.14	< 10
1398105	< 5	< 0.2	< 0.5	55	1370	< 1	48	< 2	125	2.81	4	< 10	54	< 0.5	< 2	3.54	34	72	8.75	10	< 1	0.21	< 10
1398106	< 5	< 0.2	< 0.5	32	1690	3	5	2	250	3.27	< 2	< 10	53	< 0.5	< 2	1.20	17	8	9.40	20	< 1	0.15	16
1398107	< 5	< 0.2	< 0.5	31	2700	< 1	3	< 2	260	3.58	3	< 10	118	0.7	< 2	1.28	17	2	10.7	20	< 1	0.68	16
1398108	< 5	< 0.2	0.9	56	2640	< 1	3	3	385	3.41	< 2	< 10	88	0.6	< 2	1.10	18	3	11.9	10	< 1	0.76	11
1398109	< 5	< 0.2	1.3	39	2900	< 1	1	10	314	2.69	< 2	< 10	85	0.6	< 2	1.42	21	4	9.55	10	< 1	0.71	14
1398110	< 5	< 0.2	1.8	51	2750	< 1	1	4	337	2.97	3	< 10	76	0.6	< 2	1.49	17	3	10.6	10	< 1	0.53	14
1398111	< 5	< 0.2	0.9	25	2770	< 1	2	< 2	237	2.87	< 2	< 10	59	< 0.5	< 2	1.60	15	4	9.14	10	< 1	0.33	16
1398112	< 5	< 0.2	0.7	11	2500	< 1	1	2	241	3.35	< 2	< 10	68	0.5	< 2	1.55	11	1	9.18	20	2	0.34	17
1398113	< 5	< 0.2	< 0.5	10	2010	< 1	1	< 2	226	3.18	< 2	< 10	41	< 0.5	< 2	1.52	13	< 1	8.84	20	< 1	0.14	21
1398114	< 5	< 0.2	< 0.5	16	1940	< 1	< 1	< 2	208	3.04	< 2	< 10	27	< 0.5	< 2	1.58	13	2	8.56	20	< 1	0.07	19
1398115	< 5	< 0.2	< 0.5	22	1390	< 1	< 1	6	209	3.25	3	< 10	43	< 0.5	< 2	1.15	16	2	8.87	20	< 1	0.08	17
1398117	< 5	< 0.2	0.8	15	1400	< 1	4	4	183	3.17	3	< 10	45	< 0.5	< 2	1.51	18	2	8.70	20	< 1	0.12	19
1398118	< 5	< 0.2	0.6	6	1510	< 1	< 1	3	176	3.18	< 2	< 10	61	< 0.5	< 2	1.46	14	1	8.15	20	< 1	0.12	20
1398119	< 5	< 0.2	< 0.5	15	2070	< 1	2	< 2	151	2.67	4	< 10	60	< 0.5	< 2	1.63	16	1	7.83	20	< 1	0.12	19

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Detection Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Analysis Method	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
1398120	< 5	< 0.2	< 0.5	18	1860	< 1	2	3	150	2.70	< 2	< 10	59	< 0.5	< 2	1.51	14	1	7.77	20	< 1	0.12	18
1398121	< 5	< 0.2	< 0.5	15	2320	< 1	2	< 2	148	2.70	3	< 10	56	< 0.5	< 2	1.63	12	2	8.01	20	< 1	0.12	19
1398122	< 5	< 0.2	< 0.5	12	2360	< 1	< 1	< 2	158	2.78	< 2	< 10	56	< 0.5	< 2	1.25	11	< 1	8.22	20	< 1	0.09	19
1398123	< 5	< 0.2	< 0.5	15	1820	< 1	< 1	< 2	172	2.91	< 2	< 10	88	< 0.5	< 2	1.69	12	2	8.17	10	< 1	0.19	19
1398124	< 5	< 0.2	0.6	26	1030	< 1	3	< 2	198	3.06	3	< 10	59	< 0.5	< 2	1.51	12	2	8.84	20	< 1	0.12	22
1398125	< 5	< 0.2	< 0.5	17	1340	1	< 1	< 2	193	3.09	< 2	< 10	49	< 0.5	< 2	1.42	14	2	8.70	20	< 1	0.09	20
1398126	< 5	< 0.2	< 0.5	9	921	< 1	< 1	3	211	3.87	< 2	< 10	133	0.6	< 2	1.10	12	2	9.39	20	< 1	0.38	21
1398127	< 5	< 0.2	< 0.5	15	1040	< 1	2	< 2	174	3.40	< 2	< 10	70	< 0.5	< 2	1.32	12	2	8.86	20	< 1	0.25	20
1398128	< 5	< 0.2	0.6	10	1880	< 1	< 1	2	151	3.07	< 2	< 10	69	< 0.5	< 2	1.84	14	2	8.51	20	< 1	0.11	17
1398129	< 5	< 0.2	< 0.5	20	2250	< 1	2	< 2	129	2.54	3	< 10	99	< 0.5	< 2	2.24	14	< 1	7.62	20	< 1	0.16	18
1398130	< 5	< 0.2	0.6	51	1950	< 1	< 1	3	132	2.30	< 2	< 10	93	< 0.5	< 2	1.88	16	2	7.13	10	< 1	0.12	16
1398131	< 5	< 0.2	0.8	16	1520	< 1	82	< 2	130	2.81	3	< 10	229	0.5	< 2	1.31	43	159	7.25	< 10	< 1	0.38	< 10
1398132	< 5	< 0.2	0.8	38	1110	< 1	1	2	195	3.91	< 2	< 10	70	< 0.5	< 2	1.63	17	2	10.0	20	< 1	0.11	14
1398133	< 5	0.2	< 0.5	16	1390	< 1	< 1	< 2	188	3.84	4	< 10	52	< 0.5	< 2	1.39	13	2	9.60	20	< 1	0.12	20
1398134	< 5	< 0.2	0.6	12	1680	< 1	2	2	133	2.90	< 2	< 10	47	< 0.5	< 2	1.83	10	1	7.73	20	< 1	0.14	18
1398135	< 5	< 0.2	0.8	9	2160	< 1	< 1	< 2	149	3.42	< 2	< 10	32	< 0.5	< 2	1.86	10	< 1	9.10	20	< 1	0.07	20
1398136	< 5	< 0.2	1.2	9	2220	< 1	< 1	< 2	141	2.97	< 2	< 10	45	< 0.5	< 2	2.23	11	< 1	8.19	20	< 1	0.07	20
1398137	< 5	< 0.2	0.7	41	1560	< 1	3	< 2	178	3.65	5	< 10	68	< 0.5	< 2	0.98	21	5	9.39	20	< 1	0.12	17
1398138	< 5	< 0.2	0.5	22	1500	< 1	1	2	172	3.66	< 2	< 10	50	< 0.5	< 2	1.32	13	2	9.28	20	< 1	0.10	15
1398139	< 5	< 0.2	0.6	11	1500	< 1	< 1	2	186	4.29	< 2	< 10	52	< 0.5	< 2	1.50	11	2	10.3	20	< 1	0.11	17
1398140	< 5	< 0.2	1.1	11	2190	< 1	4	< 2	141	3.29	< 2	< 10	107	< 0.5	< 2	2.44	13	< 1	8.31	20	< 1	0.18	18
1398141	< 5	< 0.2	< 0.5	10	2120	< 1	< 1	< 2	160	3.58	< 2	< 10	64	< 0.5	< 2	2.14	9	< 1	9.54	20	2	0.10	19
1398142	< 5	< 0.2	< 0.5	12	1780	< 1	< 1	< 2	162	3.51	< 2	< 10	113	< 0.5	< 2	1.58	12	< 1	8.73	20	< 1	0.17	19
1398143	< 5	< 0.2	1.1	10	1830	< 1	1	< 2	151	3.56	< 2	< 10	102	< 0.5	< 2	1.38	11	< 1	8.90	20	< 1	0.20	19
1398144	< 5	< 0.2	0.8	18	1850	< 1	< 1	< 2	166	4.23	< 2	< 10	119	< 0.5	< 2	1.74	12	2	10.3	20	2	0.27	17
1398145	< 5	< 0.2	0.6	25	1710	< 1	3	< 2	176	4.38	< 2	< 10	94	< 0.5	< 2	1.60	12	2	10.8	20	< 1	0.23	14
1398146	< 5	< 0.2	0.9	4	1920	< 1	1	< 2	171	4.37	3	< 10	84	< 0.5	< 2	1.81	11	2	10.9	20	< 1	0.26	16
1398147	< 5	< 0.2	0.8	8	2090	< 1	2	< 2	170	3.98	5	< 10	74	< 0.5	< 2	2.23	11	1	10.3	20	< 1	0.27	15
1398148	< 5	< 0.2	< 0.5	15	1870	< 1	3	5	119	3.60	2	< 10	108	< 0.5	< 2	1.51	12	< 1	8.72	20	< 1	0.63	16
1398149	< 5	< 0.2	< 0.5	17	1370	< 1	2	< 2	149	3.62	< 2	< 10	71	< 0.5	< 2	1.39	13	< 1	7.38	20	< 1	0.43	18
1398150	< 5	< 0.2	< 0.5	2	806	< 1	< 1	< 2	278	5.13	2	< 10	36	< 0.5	< 2	0.69	11	1	8.79	20	< 1	0.19	18
1398151	< 5	< 0.2	0.6	32	1370	< 1	2	< 2	251	4.06	2	< 10	41	< 0.5	< 2	0.81	10	2	8.82	20	< 1	0.15	17
1398152	< 5	< 0.2	< 0.5	15	1050	< 1	< 1	4	232	3.51	< 2	< 10	56	< 0.5	< 2	1.41	12	2	8.25	20	< 1	0.14	19
1398153	< 5	0.2	< 0.5	23	1320	< 1	< 1	< 2	216	3.30	3	< 10	55	< 0.5	< 2	1.54	11	< 1	8.00	20	< 1	0.16	19
1398154	< 5	0.2	0.9	27	1090	< 1	< 1	< 2	215	3.21	< 2	< 10	57	< 0.5	< 2	1.37	12	1	8.77	20	< 1	0.16	22
279840	< 5	0.5	< 0.5	3	204	< 1	< 1	5	53	1.82	< 2	< 10	243	1.8	< 2	0.03	< 1	3	2.49	10	< 1	0.97	50
279841	< 5	0.7	0.6	34	385	1	2	24	408	1.98	< 2	< 10	220	3.3	< 2	0.05	3	6	1.75	10	< 1	1.25	71
279842	< 5	< 0.2	< 0.5	18	939	< 1	< 1	9	83	2.58	< 2	< 10	62	< 0.5	< 2	1.46	5	3	7.37	20	< 1	0.20	31
279843	766	< 0.2	< 0.5	74	1570	< 1	< 1	10	49	1.44	< 2	< 10	37	< 0.5	< 2	2.82	7	10	6.33	< 10	< 1	0.13	24

Results

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1
Analysis Method	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
1398070	0.64	0.069	0.022	0.02	< 2	3	12	0.13	1	< 2	< 10	3	< 10	11	21
1398071	0.80	0.060	0.024	0.02	< 2	4	13	0.13	< 1	< 2	< 10	3	< 10	11	21
1398072	0.87	0.056	0.024	< 0.01	< 2	3	21	0.12	1	< 2	< 10	3	< 10	9	21
1398073	0.87	0.060	0.024	< 0.01	< 2	4	12	0.14	1	< 2	< 10	4	< 10	10	27
1398074	0.63	0.069	0.021	< 0.01	< 2	3	8	0.13	2	< 2	< 10	4	< 10	14	18
1398075	0.75	0.090	0.024	0.02	< 2	4	18	0.13	1	< 2	< 10	3	< 10	13	17
1398076	0.70	0.065	0.024	< 0.01	2	3	17	0.10	3	< 2	< 10	3	< 10	11	12
1398077	0.97	0.061	0.023	< 0.01	< 2	3	22	0.10	< 1	< 2	< 10	3	< 10	12	13
1398078	0.84	0.050	0.024	< 0.01	< 2	2	15	0.09	2	< 2	< 10	2	< 10	11	10
1398079	0.86	0.076	0.022	0.02	2	3	14	0.11	< 1	< 2	< 10	3	< 10	13	13
1398080	0.67	0.051	0.025	0.04	< 2	2	17	0.09	< 1	< 2	< 10	2	< 10	10	7
1398081	0.76	0.058	0.024	0.02	< 2	2	12	0.09	< 1	< 2	< 10	3	< 10	12	9
1398082	0.72	0.059	0.023	0.05	< 2	2	10	0.08	< 1	< 2	< 10	5	< 10	10	8
1398083	0.69	0.028	0.012	0.03	< 2	5	17	0.07	5	< 2	< 10	35	< 10	2	4
1398084	2.46	0.037	0.026	0.03	4	15	29	0.13	< 1	< 2	< 10	130	< 10	5	5
1398085	2.98	0.035	0.026	0.05	4	26	24	0.15	< 1	< 2	< 10	215	< 10	6	4
1398086	3.10	0.037	0.027	0.10	4	40	22	0.13	< 1	< 2	< 10	276	< 10	6	4
1398087	3.38	0.033	0.028	0.08	2	41	26	0.12	< 1	3	< 10	284	< 10	6	4
1398088	3.42	0.033	0.027	0.02	6	39	26	0.12	< 1	< 2	< 10	274	< 10	6	4
1398089	3.40	0.041	0.027	0.04	4	39	25	0.15	< 1	< 2	< 10	271	< 10	6	4
1398090	3.45	0.041	0.027	0.05	< 2	39	32	0.20	< 1	< 2	< 10	266	< 10	12	4
1398091	3.38	0.037	0.026	0.03	4	38	32	0.37	2	< 2	< 10	247	< 10	15	5
1398092	3.20	0.041	0.029	0.06	2	34	39	0.39	< 1	< 2	< 10	230	< 10	14	5
1398093	2.58	0.038	0.030	0.05	2	15	49	0.42	3	< 2	< 10	177	< 10	10	5
1398094	2.97	0.032	0.033	0.09	4	21	41	0.44	4	< 2	< 10	220	< 10	12	6
1398095	3.27	0.027	0.026	0.09	< 2	33	31	0.31	< 1	< 2	< 10	228	< 10	11	4
1398096	3.48	0.034	0.026	0.07	< 2	38	27	0.32	3	< 2	< 10	247	< 10	14	4
1398097	3.50	0.039	0.025	0.04	3	40	21	0.17	< 1	< 2	< 10	276	< 10	9	4
1398098	2.54	0.050	0.026	0.04	< 2	28	16	0.13	< 1	< 2	< 10	179	< 10	9	16
1398099	1.12	0.050	0.023	0.07	2	3	15	0.10	< 1	< 2	< 10	5	< 10	14	10
1398100	1.16	0.040	0.020	0.18	< 2	3	16	0.09	< 1	< 2	< 10	4	< 10	13	13
1398101	1.15	0.032	0.020	0.15	< 2	4	17	0.09	< 1	< 2	< 10	4	< 10	16	18
1398102	1.66	0.032	0.100	0.08	3	9	28	0.12	< 1	4	< 10	70	< 10	10	9
1398103	2.43	0.038	0.196	0.09	3	16	46	0.08	< 1	< 2	< 10	176	< 10	7	7
1398104	2.87	0.045	0.197	0.15	4	20	57	0.09	< 1	< 2	< 10	203	< 10	7	7
1398105	2.48	0.059	0.191	0.13	3	18	64	0.12	< 1	4	< 10	185	< 10	8	7
1398106	1.71	0.050	0.145	0.21	4	16	23	0.09	9	< 2	< 10	18	< 10	7	8
1398107	1.55	0.062	0.128	0.60	4	14	29	0.14	< 1	< 2	< 10	9	< 10	8	11
1398108	1.52	0.038	0.147	0.75	3	13	26	0.14	< 1	< 2	< 10	6	< 10	7	12
1398109	1.24	0.059	0.132	0.33	4	12	31	0.13	4	< 2	< 10	6	< 10	8	9
1398110	1.31	0.051	0.136	0.58	5	12	36	0.14	< 1	< 2	< 10	6	< 10	8	9
1398111	1.34	0.059	0.150	0.36	4	13	36	0.14	10	< 2	< 10	4	< 10	8	7
1398112	1.62	0.064	0.154	0.17	3	15	39	0.11	4	< 2	< 10	5	< 10	9	7
1398113	1.86	0.057	0.162	0.14	5	15	41	0.12	< 1	< 2	< 10	3	< 10	9	7
1398114	1.94	0.062	0.158	0.19	< 2	18	43	0.11	< 1	< 2	< 10	3	< 10	9	7
1398115	2.15	0.058	0.162	0.52	3	18	35	0.08	< 1	< 2	< 10	5	< 10	9	8
1398117	2.17	0.060	0.159	0.40	3	19	45	0.11	< 1	< 2	< 10	4	< 10	9	7
1398118	2.15	0.056	0.165	0.13	2	16	42	0.10	8	< 2	< 10	4	< 10	9	6
1398119	1.64	0.071	0.152	0.12	3	14	43	0.11	< 1	< 2	< 10	3	< 10	9	6

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1
Analysis Method	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
1398120	1.62	0.055	0.149	0.13	3	14	40	0.10	4	< 2	< 10	4	< 10	9	6
1398121	1.60	0.048	0.148	0.07	4	14	40	0.08	7	< 2	< 10	4	< 10	9	6
1398122	1.46	0.061	0.146	0.03	2	15	30	0.10	< 1	< 2	< 10	4	< 10	10	6
1398123	1.51	0.058	0.146	0.11	2	12	40	0.09	2	< 2	< 10	3	< 10	11	7
1398124	1.63	0.069	0.157	0.13	3	15	40	0.09	< 1	< 2	< 10	4	< 10	10	6
1398125	1.90	0.060	0.150	0.16	3	17	39	0.10	< 1	< 2	< 10	4	< 10	9	6
1398126	2.39	0.045	0.159	0.10	3	16	34	0.10	< 1	< 2	< 10	4	< 10	9	9
1398127	2.25	0.065	0.154	0.11	4	20	41	0.11	1	< 2	< 10	4	< 10	9	9
1398128	2.12	0.057	0.152	0.06	3	16	53	0.08	3	< 2	< 10	4	< 10	8	7
1398129	1.70	0.064	0.153	0.10	< 2	12	61	0.10	4	< 2	< 10	2	< 10	9	6
1398130	1.53	0.063	0.145	0.10	< 2	12	47	0.09	< 1	< 2	< 10	4	< 10	8	5
1398131	1.87	0.029	0.044	< 0.01	3	9	35	0.06	< 1	< 2	< 10	56	< 10	3	7
1398132	2.70	0.038	0.149	0.26	2	17	46	0.08	< 1	5	< 10	5	< 10	7	10
1398133	2.77	0.051	0.147	0.16	2	19	46	0.10	8	8	< 10	5	< 10	9	8
1398134	2.28	0.081	0.132	0.09	< 2	18	57	0.11	< 1	< 2	< 10	3	< 10	9	7
1398135	2.49	0.061	0.144	0.07	4	20	57	0.10	1	< 2	< 10	4	< 10	8	7
1398136	2.26	0.076	0.150	0.05	3	18	63	0.13	2	< 2	< 10	4	< 10	8	6
1398137	2.10	0.050	0.148	0.33	3	15	29	0.11	7	< 2	< 10	5	< 10	10	9
1398138	2.42	0.045	0.149	0.13	< 2	17	35	0.08	8	3	< 10	4	< 10	7	7
1398139	3.17	0.034	0.150	0.08	3	18	40	0.12	< 1	< 2	< 10	5	< 10	7	8
1398140	2.58	0.050	0.146	0.04	4	12	55	0.08	< 1	< 2	< 10	2	< 10	7	7
1398141	2.46	0.056	0.149	0.05	< 2	16	46	0.14	4	< 2	< 10	3	< 10	7	8
1398142	2.15	0.045	0.158	0.04	3	12	31	0.06	< 1	< 2	< 10	2	< 10	7	7
1398143	2.18	0.048	0.160	0.04	3	12	30	0.09	2	< 2	< 10	3	< 10	8	7
1398144	2.82	0.028	0.164	0.08	5	12	36	0.07	3	< 2	< 10	4	< 10	8	8
1398145	3.02	0.026	0.150	0.12	2	13	31	0.07	5	< 2	< 10	4	< 10	7	10
1398146	2.93	0.030	0.139	0.03	< 2	14	34	0.09	9	< 2	< 10	5	< 10	7	9
1398147	2.66	0.031	0.158	0.05	4	12	34	0.08	< 1	< 2	< 10	3	< 10	8	8
1398148	1.88	0.035	0.153	0.13	12	11	24	0.12	2	< 2	< 10	2	< 10	10	8
1398149	2.45	0.035	0.158	0.16	4	10	24	0.12	2	< 2	< 10	2	< 10	10	7
1398150	4.08	0.019	0.162	0.03	4	13	14	0.07	3	< 2	< 10	4	< 10	8	7
1398151	2.78	0.031	0.146	0.21	3	12	15	0.09	6	< 2	< 10	4	< 10	7	8
1398152	2.32	0.040	0.143	0.05	3	11	23	0.10	7	< 2	< 10	2	< 10	8	6
1398153	2.12	0.051	0.151	0.11	3	12	24	0.12	1	< 2	< 10	3	< 10	8	6
1398154	1.73	0.059	0.157	0.18	4	13	20	0.10	< 1	< 2	< 10	4	< 10	10	8
279840	0.21	0.128	0.007	0.03	< 2	2	3	0.08	< 1	< 2	< 10	1	< 10	34	171
279841	0.28	0.093	0.007	0.03	< 2	2	4	0.07	< 1	3	< 10	10	< 10	40	102
279842	0.52	0.150	0.129	0.25	4	16	44	0.16	2	< 2	< 10	4	< 10	18	11
279843	0.39	0.174	0.091	0.72	< 2	14	65	0.19	5	< 2	< 10	3	< 10	13	16

QC

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Detection Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Analysis Method	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-1 Meas		31.5	2.3	1230	851	16	23	676	723	0.39	401	11	88	0.8	1560	0.78	6	6	24.0	< 10	4	0.03	< 10
GXR-1 Cert		31.0	3.30	1110	852	18.0	41.0	730	760	3.52	427	15.0	750	1.22	1380	0.960	8.20	12.0	23.6	13.8	3.90	0.050	7.50
GXR-1 Meas		28.4	1.9	1080	773	14	24	640	674	0.35	386	< 10	343	0.7	1460	0.71	4	6	21.8	< 10	< 1	0.03	< 10
GXR-1 Cert		31.0	3.30	1110	852	18.0	41.0	730	760	3.52	427	15.0	750	1.22	1380	0.960	8.20	12.0	23.6	13.8	3.90	0.050	7.50
GXR-4 Meas		3.6	0.7	6190	138	321	36	41	68	2.82	96	< 10	30	1.3	19	0.87	12	52	2.98	10	< 1	1.73	50
GXR-4 Cert		4.0	0.860	6520	155	310	42.0	52.0	73.0	7.20	98.0	4.50	1640	1.90	19.0	1.01	14.6	64.0	3.09	20.0	0.110	4.01	64.5
GXR-4 Meas		3.3	< 0.5	6190	136	318	35	43	71	2.79	98	< 10	28	1.3	21	0.87	13	53	3.00	10	< 1	1.70	50
GXR-4 Cert		4.0	0.860	6520	155	310	42.0	52.0	73.0	7.20	98.0	4.50	1640	1.90	19.0	1.01	14.6	64.0	3.09	20.0	0.110	4.01	64.5
GXR-6 Meas		0.3	< 0.5	68	1070	2	21	93	128	7.48	209	< 10	756	0.8	< 2	0.14	12	80	5.65	20	< 1	1.22	10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
GXR-6 Meas		0.3	< 0.5	67	1050	1	20	91	124	7.35	214	< 10	748	0.8	< 2	0.13	12	77	5.60	20	< 1	1.19	10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
SAR-M (U.S.G.S.) Meas		3.5	5.6	348	4920	14	45	1100	1060	1.29	35		171	1.0	< 2	0.30	10	95	2.93	< 10		0.33	47
SAR-M (U.S.G.S.) Cert		3.64	5.27	331.0000	5220	13.1	41.5	982	930.0	6.30	38.8		801	2.20	1.94	0.61	10.70	79.7	2.99	17		2.94	57.4
SAR-M (U.S.G.S.) Meas		3.5	5.4	313	4720	13	43	1030	1040	1.21	33		165	0.9	< 2	0.28	9	91	2.78	< 10		0.31	47
SAR-M (U.S.G.S.) Cert		3.64	5.27	331.0000	5220	13.1	41.5	982	930.0	6.30	38.8		801	2.20	1.94	0.61	10.70	79.7	2.99	17		2.94	57.4
OxD108 Meas	452																						
OxD108 Cert	414.000																						
OxD108 Meas	464																						
OxD108 Cert	414.000																						
OxD108 Meas	418																						
OxD108 Cert	414.000																						
SF67 Meas	934																						
SF67 Cert	835.000																						
SF67 Meas	839																						
SF67 Cert	835.000																						
SF67 Meas	843																						
SF67 Cert	835.000																						
SF67 Meas	831																						
SF67 Cert	835.000																						
1398079 Orig	< 5																						
1398079 Dup	< 5																						
1398082 Orig		< 0.2	< 0.5	64	717	< 1	3	20	141	1.53	< 2	< 10	41	< 0.5	< 2	1.05	35	2	4.16	< 10	< 1	0.19	32
1398082 Dup		< 0.2	< 0.5	66	744	< 1	1	22	146	1.59	< 2	< 10	42	< 0.5	3	1.10	34	2	4.34	< 10	< 1	0.20	33
1398089 Orig	5																						
1398089 Dup	6																						
1398096 Orig		< 0.2	< 0.5	140	1380	< 1	49	2	84	4.28	< 2	< 10	< 10	< 0.5	< 2	4.23	38	128	9.14	10	< 1	0.03	< 10
1398096 Dup		0.2	0.7	141	1360	< 1	48	< 2	83	4.24	< 2	< 10	< 10	< 0.5	< 2	4.21	37	126	9.07	10	< 1	0.03	< 10
1398099 Orig	< 5	< 0.2	< 0.5	13	1120	< 1	< 1	< 2	107	2.35	3	< 10	31	< 0.5	< 2	1.47	6	2	5.41	10	< 1	0.15	33
1398099 Split	< 5	< 0.2	< 0.5	13	1090	< 1	< 1	< 2	104	2.26	< 2	< 10	31	< 0.5	5	1.43	7	2	5.29	10	< 1	0.14	32
1398099 Orig	< 5																						
1398099 Dup	< 5																						
1398108 Orig		< 0.2	0.7	56	2640	< 1	4	2	387	3.44	4	< 10	87	0.6	< 2	1.10	18	2	11.9	20	< 1	0.76	11
1398108 Dup		< 0.2	1.1	56	2650	< 1	1	3	383	3.38	< 2	< 10	89	0.6	< 2	1.10	19	3	11.8	10	< 1	0.75	12
1398113 Orig	< 5																						
1398113 Dup	< 5																						

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Detection Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Analysis Method	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
1398120 Orig	< 5	< 0.2	< 0.5	18	1860	< 1	2	3	150	2.70	< 2	< 10	59	< 0.5	< 2	1.51	14	1	7.77	20	< 1	0.12	18
1398120 Split	< 5	< 0.2	0.6	16	1810	< 1	< 1	< 2	147	2.63	< 2	< 10	57	< 0.5	< 2	1.46	13	1	7.53	10	< 1	0.12	18
1398122 Orig		< 0.2	< 0.5	12	2340	< 1	1	2	156	2.76	2	< 10	54	< 0.5	< 2	1.23	12	< 1	8.13	20	< 1	0.09	20
1398122 Dup		< 0.2	< 0.5	13	2380	< 1	< 1	< 2	160	2.81	< 2	< 10	57	< 0.5	< 2	1.26	11	< 1	8.30	20	< 1	0.10	19
1398123 Orig	< 5																						
1398123 Dup	< 5																						
1398130 Orig	< 5	< 0.2	0.6	51	1950	< 1	< 1	3	132	2.30	< 2	< 10	93	< 0.5	< 2	1.88	16	2	7.13	10	< 1	0.12	16
1398130 Split	< 5	< 0.2	< 0.5	53	1940	1	1	3	131	2.29	< 2	< 10	91	< 0.5	< 2	1.87	15	3	7.10	10	< 1	0.12	16
1398132 Orig	< 5																						
1398132 Dup	< 5																						
1398144 Orig		< 0.2	1.0	17	1830	< 1	1	< 2	164	4.18	< 2	< 10	116	< 0.5	< 2	1.73	12	2	10.2	20	3	0.26	17
1398144 Dup		< 0.2	0.6	18	1870	< 1	< 1	< 2	168	4.27	< 2	< 10	121	< 0.5	< 2	1.76	12	2	10.5	20	1	0.27	18
1398147 Orig	< 5																						
1398147 Dup	< 5																						
279841 Orig	< 5																						
279841 Dup	< 5																						
Method Blank	< 5																						
Method Blank		0.4	< 0.5	1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10

QC

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1
Analysis Method	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-1 Meas	0.14	0.053	0.048	0.21	92	1	186	< 0.01	19	2	32	81	148	25	18
GXR-1 Cert	0.217	0.0520	0.0650	0.257	122	1.58	275	0.036	13.0	0.390	34.9	80.0	164	32.0	38.0
GXR-1 Meas	0.13	0.052	0.044	0.21	88	1	182	< 0.01	18	< 2	30	76	169	23	16
GXR-1 Cert	0.217	0.0520	0.0650	0.257	122	1.58	275	0.036	13.0	0.390	34.9	80.0	164	32.0	38.0
GXR-4 Meas	1.60	0.140	0.123	1.70	3	7	70	0.13	5	3	< 10	76	< 10	12	11
GXR-4 Cert	1.66	0.564	0.120	1.77	4.80	7.70	221	0.29	0.970	3.20	6.20	87.0	30.8	14.0	186
GXR-4 Meas	1.61	0.139	0.122	1.74	3	7	70	0.13	3	< 2	< 10	79	12	11	11
GXR-4 Cert	1.66	0.564	0.120	1.77	4.80	7.70	221	0.29	0.970	3.20	6.20	87.0	30.8	14.0	186
GXR-6 Meas	0.41	0.077	0.035	0.01	4	22	29		< 1	4	< 10	172	< 10	6	8
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		0.0180	2.20	1.54	186	1.90	14.0	110
GXR-6 Meas	0.40	0.077	0.034	0.01	3	21	29		< 1	< 2	< 10	173	< 10	6	10
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		0.0180	2.20	1.54	186	1.90	14.0	110
SAR-M (U.S.G.S.) Meas	0.37	0.039	0.064		7	3	30	0.05	3	< 2	< 10	37	< 10	19	
SAR-M (U.S.G.S.) Cert	0.50	1.140	0.07		6.0	7.83	151	0.38	0.96	2.7	3.57	67.2	9.78	28.00	

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1
Analysis Method	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
SAR-M (U.S.G.S.) Meas	0.35	0.037	0.061		6	3	30	0.05	< 1	< 2	< 10	36	< 10	19	
SAR-M (U.S.G.S.) Cert	0.50	1.140	0.07		6.0	7.83	151	0.38	0.96	2.7	3.57	67.2	9.78	28.00	
OxD108 Meas															
OxD108 Cert															
OxD108 Meas															
OxD108 Cert															
OxD108 Meas															
OxD108 Cert															
SF67 Meas															
SF67 Cert															
SF67 Meas															
SF67 Cert															
SF67 Meas															
SF67 Cert															
SF67 Meas															
SF67 Cert															
1398079 Orig															
1398079 Dup															
1398082 Orig	0.70	0.058	0.022	0.05	< 2	2	10	0.08	< 1	< 2	< 10	5	< 10	10	8
1398082 Dup	0.74	0.059	0.023	0.06	< 2	2	10	0.08	< 1	4	< 10	5	< 10	10	8
1398089 Orig															
1398089 Dup															
1398096 Orig	3.49	0.033	0.026	0.07	< 2	38	26	0.31	3	< 2	< 10	245	< 10	14	4
1398096 Dup	3.46	0.035	0.026	0.07	5	38	27	0.33	3	< 2	< 10	249	< 10	14	5
1398099 Orig	1.12	0.050	0.023	0.07	2	3	15	0.10	< 1	< 2	< 10	5	< 10	14	10
1398099 Split	1.10	0.049	0.022	0.07	< 2	3	14	0.10	< 1	< 2	< 10	5	< 10	14	11
1398099 Orig															
1398099 Dup															
1398108 Orig	1.53	0.039	0.146	0.75	4	13	26	0.12	3	< 2	< 10	5	< 10	7	12
1398108 Dup	1.51	0.037	0.147	0.75	3	13	26	0.15	< 1	< 2	< 10	6	< 10	7	11
1398113 Orig															
1398113 Dup															
1398120 Orig	1.62	0.055	0.149	0.13	3	14	40	0.10	4	< 2	< 10	4	< 10	9	6
1398120 Split	1.60	0.053	0.146	0.12	4	14	40	0.10	5	< 2	< 10	4	< 10	9	6
1398122 Orig	1.44	0.059	0.145	0.03	2	15	30	0.10	< 1	< 2	< 10	3	< 10	10	6
1398122 Dup	1.48	0.063	0.148	0.03	3	15	30	0.11	3	< 2	< 10	4	< 10	10	6
1398123 Orig															
1398123 Dup															
1398130 Orig	1.53	0.063	0.145	0.10	< 2	12	47	0.09	< 1	< 2	< 10	4	< 10	8	5
1398130 Split	1.53	0.061	0.143	0.10	4	11	47	0.08	< 1	< 2	< 10	3	< 10	8	5
1398132 Orig															
1398132 Dup															
1398144 Orig	2.80	0.028	0.163	0.08	6	12	35	0.07	5	< 2	< 10	4	< 10	8	8
1398144 Dup	2.84	0.029	0.166	0.08	4	12	37	0.08	1	< 2	< 10	4	< 10	8	8
1398147 Orig															
1398147 Dup															
279841 Orig															

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1
Analysis Method	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
279841 Dup															
Method Blank															
Method Blank	< 0.01	0.014	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank															
Method Blank															
Method Blank															
Method Blank															
Method Blank															
Method Blank															
Method Blank	< 0.01	0.012	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.014	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 1	< 2	< 10	< 1	< 10	< 1	< 1

Quality Analysis ... *Innovative Technologies*

Date Submitted: 01-Oct-14
Invoice No.: A14-07144
Invoice Date: 08-Oct-14
Your Reference:

NuVision Resources ULC
225 5th Ave West
Owen Sound ON N4K6B3
Canada

ATTN: Raymond Bernatchez

CERTIFICATE OF ANALYSIS

54 Rock samples were submitted for analysis.

The following analytical package was requested: Code 1A2-Tbay Au - Fire Assay AA (QOP Fire Assay Tbay)
Code 1E3-Tbay Aqua Regia ICP(AQUAGEO)

REPORT **A14-07144**

Notes:
If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

SCC Accredited LAB
LAB Accrédité CCN

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Results

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Detection Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Analysis Method	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
1398155	< 5	< 0.2	< 0.5	9	1360	< 1	2	< 2	194	2.83	< 2	< 10	58	< 0.5	< 2	0.94	12	3	7.89	10	2	0.17	23
1398156	< 5	< 0.2	< 0.5	38	700	< 1	2	3	265	4.75	< 2	< 10	16	< 0.5	< 2	0.51	15	4	8.95	20	< 1	0.06	11
1398157	< 5	0.2	< 0.5	13	897	< 1	3	< 2	210	4.65	2	< 10	16	< 0.5	< 2	0.62	13	2	8.76	20	2	0.04	16
1398158	< 5	< 0.2	0.6	13	1040	< 1	< 1	< 2	235	5.22	3	< 10	20	< 0.5	< 2	0.55	12	2	9.43	20	1	0.03	16
1398159	< 5	< 0.2	< 0.5	18	756	< 1	3	< 2	263	5.36	3	< 10	20	< 0.5	< 2	0.45	14	2	9.51	20	3	0.06	18
1398160	75	< 0.2	0.7	9	710	< 1	< 1	< 2	296	5.36	3	< 10	17	< 0.5	< 2	0.35	14	2	9.41	20	1	0.05	15
1398161	< 5	< 0.2	13.0	44	1380	< 1	4	< 2	855	4.39	3	< 10	33	< 0.5	< 2	0.76	13	2	8.98	20	2	0.13	18
1398162	< 5	< 0.2	< 0.5	18	1030	< 1	< 1	< 2	344	4.76	< 2	< 10	27	< 0.5	< 2	0.58	13	1	9.34	20	< 1	0.09	19
1398163	< 5	< 0.2	< 0.5	1	735	< 1	< 1	< 2	219	5.01	5	< 10	23	< 0.5	< 2	0.46	13	2	9.21	20	< 1	0.07	18
1398164	< 5	< 0.2	< 0.5	< 1	589	< 1	1	< 2	173	5.49	5	< 10	13	< 0.5	< 2	0.33	12	1	9.85	20	< 1	0.04	12
1398165	< 5	< 0.2	< 0.5	11	646	< 1	< 1	3	135	5.54	2	< 10	11	< 0.5	< 2	0.41	13	2	10.1	20	< 1	< 0.01	18
1398166	< 5	< 0.2	0.5	1	425	< 1	2	< 2	127	5.55	< 2	< 10	< 10	< 0.5	< 2	0.32	12	2	9.85	20	< 1	< 0.01	15
1398167	< 5	< 0.2	< 0.5	3	363	< 1	< 1	< 2	113	5.19	4	< 10	< 10	< 0.5	< 2	0.30	11	2	9.41	20	< 1	< 0.01	13
1398168	< 5	< 0.2	< 0.5	1	415	< 1	4	< 2	124	5.51	< 2	< 10	13	< 0.5	< 2	0.33	14	2	10.3	20	3	0.04	11
1398169	< 5	< 0.2	0.8	13	773	< 1	2	< 2	131	5.19	2	< 10	20	< 0.5	< 2	0.54	17	2	10.2	20	< 1	0.07	18
1398170	< 5	< 0.2	< 0.5	< 1	646	< 1	2	< 2	153	5.18	< 2	< 10	17	< 0.5	< 2	0.40	12	< 1	10.5	20	< 1	0.07	20
1398171	< 5	< 0.2	< 0.5	18	1750	< 1	< 1	3	92	3.36	< 2	< 10	45	< 0.5	< 2	1.84	13	1	8.56	10	2	0.19	24
1398172	< 5	< 0.2	< 0.5	53	1400	< 1	2	< 2	108	3.64	< 2	< 10	45	< 0.5	< 2	1.71	16	2	9.20	10	< 1	0.21	21
1398173	< 5	< 0.2	< 0.5	4	789	< 1	1	3	109	4.77	< 2	< 10	26	< 0.5	< 2	0.91	12	2	9.15	20	1	0.10	17
1398174	< 5	< 0.2	< 0.5	9	673	1	2	< 2	86	4.89	< 2	< 10	< 10	< 0.5	< 2	0.90	11	3	8.39	20	< 1	< 0.01	16
1398175	9	< 0.2	< 0.5	1	514	< 1	2	< 2	112	5.81	< 2	< 10	< 10	< 0.5	< 2	0.48	16	2	9.46	30	< 1	< 0.01	18
1398176	< 5	< 0.2	< 0.5	16	673	10	1	< 2	170	6.15	4	< 10	17	< 0.5	< 2	0.53	15	2	9.50	40	< 1	0.04	15
1398177	25	< 0.2	0.5	1	908	12	4	< 2	204	5.37	< 2	< 10	68	< 0.5	< 2	1.51	12	12	6.16	30	2	0.57	18
1398178	< 5	< 0.2	< 0.5	21	1340	1	25	2	188	3.75	6	< 10	56	< 0.5	< 2	3.15	25	38	7.77	20	1	0.29	11
1398179	< 5	< 0.2	< 0.5	51	1280	< 1	43	4	135	3.86	12	< 10	27	< 0.5	< 2	3.12	34	70	8.93	20	2	0.03	10
1398180	< 5	< 0.2	< 0.5	< 1	535	< 1	1	< 2	95	5.45	< 2	< 10	28	< 0.5	< 2	0.41	12	3	8.58	20	< 1	0.05	17
1398181	< 5	< 0.2	< 0.5	8	890	< 1	1	3	93	3.80	< 2	< 10	13	0.5	< 2	0.96	13	1	9.30	20	2	0.01	18
1398182	< 5	< 0.2	0.7	63	1050	< 1	31	3	95	3.53	2	< 10	80	< 0.5	< 2	2.90	34	21	9.10	20	2	0.46	13
1398183	< 5	0.2	< 0.5	81	1070	< 1	33	6	104	3.89	3	< 10	124	< 0.5	< 2	2.32	38	25	9.40	20	1	0.77	13
1398184	< 5	< 0.2	< 0.5	50	1160	< 1	35	2	90	3.71	4	< 10	52	< 0.5	< 2	2.41	38	22	9.41	10	1	0.34	10
1398185	< 5	< 0.2	< 0.5	49	965	< 1	31	2	86	3.43	4	< 10	30	< 0.5	< 2	1.90	35	21	7.99	10	< 1	0.14	< 10
1398186	< 5	< 0.2	< 0.5	64	895	< 1	37	3	80	3.28	11	< 10	21	< 0.5	< 2	2.22	36	19	7.18	10	< 1	0.10	< 10
1398187	< 5	< 0.2	< 0.5	30	982	< 1	34	2	95	3.68	17	< 10	25	< 0.5	3	2.04	38	25	8.22	10	< 1	0.11	< 10
1398188	< 5	< 0.2	< 0.5	54	901	< 1	35	4	88	3.62	11	< 10	52	< 0.5	< 2	2.34	35	18	7.70	10	< 1	0.27	< 10
1398189	< 5	< 0.2	0.7	66	870	< 1	41	3	85	3.61	10	< 10	72	< 0.5	3	2.44	38	23	7.37	10	< 1	0.40	< 10
1398190	< 5	< 0.2	< 0.5	72	947	< 1	36	4	87	3.63	9	< 10	88	< 0.5	2	2.45	39	15	7.76	10	< 1	0.51	< 10
1398191	< 5	< 0.2	0.6	35	1130	< 1	14	3	102	4.00	13	< 10	105	< 0.5	< 2	2.90	41	3	9.35	10	< 1	0.65	< 10
1398192	< 5	< 0.2	0.6	41	1220	< 1	12	4	110	3.97	13	< 10	57	< 0.5	< 2	2.96	42	< 1	10.1	10	< 1	0.32	< 10
1398193	12	< 0.2	< 0.5	28	1130	< 1	5	7	98	4.00	16	< 10	138	< 0.5	< 2	3.20	38	< 1	10.3	10	< 1	0.80	10
1398194	< 5	< 0.2	< 0.5	2	966	< 1	3	10	75	3.31	11	< 10	135	< 0.5	< 2	3.18	30	1	9.14	10	2	0.74	17
1398195	6	< 0.2	< 0.5	8	994	< 1	1	4	118	2.64	< 2	< 10	49	< 0.5	< 2	1.61	15	3	7.94	20	< 1	0.10	28
1398196	< 5	< 0.2	< 0.5	6	1160	< 1	5	5	115	2.52	< 2	< 10	53	< 0.5	< 2	1.51	15	4	8.41	20	< 1	0.09	22
1398197	< 5	< 0.2	< 0.5	5	1140	< 1	1	5	92	2.42	< 2	< 10	77	< 0.5	< 2	1.92	11	4	7.93	20	< 1	0.20	30
1398198	751	< 0.2	< 0.5	25	1100	< 1	1	3	94	2.21	3	< 10	40	< 0.5	< 2	1.40	13	3	8.26	20	< 1	0.07	26
1398199	37	< 0.2	< 0.5	8	1080	< 1	< 1	3	98	2.43	84	< 10	122	< 0.5	< 2	1.28	15	3	7.14	10	< 1	0.32	21
1398200	< 5	< 0.2	0.5	4	1410	< 1	< 1	3	95	2.35	4	< 10	38	< 0.5	< 2	2.88	11	4	7.54	10	< 1	0.06	24
1398201	< 5	< 0.2	< 0.5	2	1380	< 1	< 1	8	78	1.85	< 2	< 10	65	< 0.5	2	3.29	8	4	5.43	10	< 1	0.13	21
1398202	< 5	< 0.2	< 0.5	8	332	< 1	2	2	29	0.56	< 2	< 10	78	< 0.5	< 2	1.17	5	7	0.99	< 10	< 1	0.27	< 10
1398203	< 5	< 0.2	< 0.5	23	477	< 1	14	< 2	37	1.02	< 2	< 10	197	< 0.5	< 2	2.51	11	15	2.07	< 10	< 1	0.56	38

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Detection Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Analysis Method	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
1398204	< 5	< 0.2	< 0.5	17	457	< 1	11	< 2	23	0.81	< 2	< 10	157	< 0.5	< 2	2.39	8	10	1.46	< 10	< 1	0.41	40
1398205	< 5	< 0.2	< 0.5	5	344	< 1	3	3	14	0.57	< 2	< 10	98	< 0.5	< 2	1.05	5	15	0.94	< 10	< 1	0.27	< 10
1398206	< 5	< 0.2	< 0.5	5	284	< 1	2	< 2	14	0.68	< 2	< 10	117	< 0.5	< 2	1.00	3	14	0.91	< 10	< 1	0.34	< 10
1398207	< 5	< 0.2	< 0.5	7	261	< 1	3	2	10	0.55	< 2	< 10	97	< 0.5	< 2	0.90	7	25	0.84	< 10	< 1	0.29	< 10
1398116	< 5	< 0.2	0.5	16	1540	< 1	2	4	174	2.85	2	< 10	45	< 0.5	< 2	1.30	15	4	7.27	20	< 1	0.09	21

Results

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1
Analysis Method	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
1398155	1.37	0.036	0.143	0.02	2	9	15	0.10	8	< 2	< 10	2	< 10	9	6
1398156	3.37	0.016	0.142	0.31	5	14	9	0.06	< 1	< 2	< 10	2	< 10	6	8
1398157	3.26	0.023	0.150	0.13	4	15	11	0.09	2	< 2	< 10	2	< 10	7	7
1398158	3.79	0.019	0.149	0.04	5	18	9	0.05	< 1	< 2	< 10	3	< 10	8	7
1398159	3.77	0.015	0.151	0.02	5	16	8	0.07	< 1	< 2	< 10	3	< 10	7	7
1398160	3.78	0.015	0.146	0.03	3	16	7	0.05	2	2	< 10	3	< 10	7	8
1398161	2.64	0.020	0.147	0.25	4	10	12	0.10	5	< 2	< 10	2	< 10	9	8
1398162	2.90	0.015	0.144	< 0.01	3	12	9	0.08	6	< 2	< 10	2	< 10	8	7
1398163	3.30	0.016	0.141	< 0.01	5	13	7	0.09	2	2	< 10	2	< 10	8	7
1398164	3.69	0.016	0.146	< 0.01	5	16	5	0.08	< 1	< 2	< 10	2	< 10	9	8
1398165	3.87	0.014	0.162	< 0.01	7	19	7	0.06	< 1	< 2	< 10	3	< 10	7	9
1398166	4.06	0.014	0.140	< 0.01	5	20	6	0.05	4	< 2	< 10	2	< 10	7	8
1398167	3.70	0.015	0.134	< 0.01	3	18	5	0.06	< 1	< 2	< 10	2	< 10	6	9
1398168	3.52	0.017	0.150	< 0.01	5	16	5	0.07	< 1	2	< 10	2	< 10	9	8
1398169	3.25	0.018	0.141	< 0.01	6	14	8	0.08	5	< 2	< 10	15	< 10	8	7
1398170	2.96	0.015	0.148	< 0.01	3	15	6	0.09	2	< 2	< 10	2	< 10	9	9
1398171	1.10	0.023	0.147	0.02	< 2	8	21	0.10	10	< 2	< 10	2	< 10	10	6
1398172	1.53	0.022	0.147	0.14	2	9	18	0.09	4	< 2	< 10	2	< 10	9	7
1398173	3.20	0.018	0.139	0.04	4	14	12	0.07	9	< 2	< 10	2	< 10	9	7
1398174	4.34	0.015	0.126	< 0.01	3	17	11	0.03	3	< 2	< 10	2	< 10	8	6
1398175	5.13	0.016	0.159	< 0.01	4	20	6	0.04	4	< 2	< 10	2	< 10	9	8
1398176	5.91	0.015	0.173	0.02	4	22	6	0.04	< 1	< 2	< 10	2	< 10	8	9
1398177	6.27	0.021	0.157	< 0.01	2	12	20	0.02	6	< 2	< 10	26	< 10	8	6
1398178	3.96	0.028	0.192	0.04	2	9	41	0.07	2	< 2	< 10	79	< 10	7	7
1398179	3.01	0.027	0.197	0.03	4	21	29	0.10	< 1	< 2	< 10	198	< 10	7	7
1398180	4.67	0.015	0.155	< 0.01	3	17	6	0.02	1	< 2	< 10	6	< 10	7	10
1398181	2.12	0.042	0.149	0.01	6	21	14	0.09	3	< 2	< 10	3	< 10	17	8
1398182	2.18	0.056	0.089	0.14	3	27	44	0.17	4	2	< 10	230	< 10	17	10
1398183	2.47	0.049	0.082	0.10	< 2	28	40	0.23	4	< 2	< 10	272	< 10	18	8
1398184	2.44	0.051	0.077	0.11	4	22	45	0.36	4	< 2	< 10	254	< 10	16	7
1398185	1.98	0.054	0.078	0.09	3	13	65	0.44	16	< 2	< 10	208	< 10	14	10
1398186	1.85	0.061	0.062	0.12	3	11	63	0.47	2	< 2	< 10	218	< 10	12	9
1398187	2.13	0.071	0.062	0.06	3	13	61	0.47	6	< 2	< 10	236	< 10	13	10
1398188	1.88	0.077	0.058	0.04	2	13	79	0.51	6	< 2	< 10	263	< 10	12	11
1398189	1.90	0.076	0.055	0.08	< 2	12	80	0.48	7	< 2	< 10	259	< 10	12	9
1398190	1.94	0.061	0.058	0.10	2	13	78	0.44	4	< 2	< 10	259	< 10	12	7
1398191	2.11	0.047	0.058	0.10	4	16	85	0.55	8	< 2	< 10	312	< 10	12	7
1398192	2.21	0.052	0.054	0.09	3	18	60	0.58	6	< 2	< 10	322	< 10	12	7
1398193	2.09	0.048	0.067	0.09	3	26	53	0.44	4	< 2	< 10	286	< 10	16	8
1398194	1.53	0.052	0.107	0.01	4	22	59	0.17	5	< 2	< 10	135	< 10	23	11
1398195	0.38	0.098	0.086	0.02	2	13	33	0.11	4	< 2	< 10	3	< 10	16	7
1398196	0.43	0.089	0.110	0.01	5	14	36	0.11	4	< 2	< 10	2	< 10	16	6
1398197	0.46	0.066	0.108	0.02	2	12	48	0.11	2	< 2	< 10	2	< 10	17	8
1398198	0.43	0.091	0.117	0.16	< 2	16	36	0.10	< 1	< 2	< 10	2	< 10	15	8
1398199	0.47	0.057	0.117	0.01	4	9	33	0.07	< 1	< 2	< 10	2	< 10	14	6
1398200	0.52	0.087	0.119	0.01	2	18	81	0.10	10	< 2	< 10	2	< 10	18	6
1398201	0.38	0.098	0.105	< 0.01	< 2	14	93	0.10	5	< 2	< 10	3	< 10	16	4
1398202	0.22	0.107	0.027	< 0.01	< 2	< 1	33	0.04	4	< 2	< 10	4	< 10	1	8
1398203	0.76	0.081	0.102	0.17	< 2	2	145	0.02	< 1	3	< 10	15	< 10	5	2

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1
Analysis Method	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
1398204	0.48	0.084	0.073	0.19	< 2	1	109	0.02	1	< 2	< 10	10	< 10	4	2
1398205	0.11	0.071	0.026	< 0.01	< 2	< 1	22	0.02	< 1	< 2	< 10	4	< 10	1	5
1398206	0.17	0.078	0.027	0.01	< 2	< 1	27	0.03	< 1	< 2	< 10	4	< 10	1	6
1398207	0.14	0.063	0.022	0.01	< 2	< 1	25	0.02	2	< 2	< 10	4	< 10	< 1	5
1398116	1.78	0.086	0.158	0.13	< 2	17	39	0.11	11	< 2	< 10	3	< 10	10	6

QC

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Detection Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Analysis Method	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-1 Meas		29.0	2.6	1080	772	14	25	629	673	0.37	361	< 10	372	0.7	1440	0.72	7	6	21.5	< 10	3	0.03	< 10
GXR-1 Cert		31.0	3.30	1110	852	18.0	41.0	730	760	3.52	427	15.0	750	1.22	1380	0.960	8.20	12.0	23.6	13.8	3.90	0.050	7.50
GXR-4 Meas		3.5	< 0.5	6200	137	317	36	44	69	2.87	97	< 10	26	1.3	15	0.85	12	54	2.98	10	< 1	1.70	44
GXR-4 Cert		4.0	0.860	6520	155	310	42.0	52.0	73.0	7.20	98.0	4.50	1640	1.90	19.0	1.01	14.6	64.0	3.09	20.0	0.110	4.01	64.5
GXR-6 Meas		0.2	< 0.5	67	1030	1	20	94	123	7.50	204	< 10	740	0.8	< 2	0.13	12	80	5.46	20	< 1	1.19	10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
SAR-M (U.S.G.S.) Meas		3.8	5.6	318	4690	13	43	1050	1000	1.29	33		167	1.0	< 2	0.29	10	90	2.81	< 10		0.32	48
SAR-M (U.S.G.S.) Cert		3.64	5.27	331.0000	5220	13.1	41.5	982	930.0	6.30	38.8		801	2.20	1.94	0.61	10.70	79.7	2.99	17		2.94	57.4
OxD108 Meas	452																						
OxD108 Cert	414.000																						
OxD108 Meas	434																						
OxD108 Cert	414.000																						
OxD108 Meas	457																						
OxD108 Cert	414.000																						
SF67 Meas	922																						
SF67 Cert	835.000																						
SF67 Meas	881																						
SF67 Cert	835.000																						
SF67 Meas	895																						
SF67 Cert	835.000																						
1398164 Orig	< 5																						
1398164 Dup	< 5																						
1398167 Orig		< 0.2	< 0.5	3	364	< 1	2	< 2	112	5.16	3	< 10	< 10	< 0.5	< 2	0.30	10	2	9.32	20	< 1	< 0.01	13
1398167 Dup		< 0.2	< 0.5	3	361	< 1	< 1	< 2	113	5.22	6	< 10	< 10	< 0.5	< 2	0.30	12	2	9.49	20	1	< 0.01	13
1398174 Orig	< 5																						
1398174 Dup	< 5																						
1398181 Orig		< 0.2	< 0.5	7	889	< 1	1	2	94	3.81	< 2	< 10	14	0.5	< 2	0.96	13	1	9.34	20	2	0.01	18
1398181 Dup		< 0.2	0.7	8	890	< 1	1	5	92	3.78	< 2	< 10	13	0.5	< 2	0.96	13	1	9.26	20	1	0.01	18
1398184 Orig	< 5	< 0.2	< 0.5	50	1160	< 1	35	2	90	3.71	4	< 10	52	< 0.5	< 2	2.41	38	22	9.41	10	1	0.34	10
1398184 Split	< 5	< 0.2	< 0.5	51	1180	< 1	36	5	91	3.73	< 2	< 10	53	< 0.5	3	2.49	39	22	9.37	10	< 1	0.34	11
1398184 Orig	< 5																						
1398184 Dup	< 5																						
1398193 Orig		< 0.2	< 0.5	28	1140	< 1	6	8	99	4.04	14	< 10	140	< 0.5	5	3.21	36	< 1	10.5	20	< 1	0.81	10
1398193 Dup		0.2	0.8	27	1130	< 1	4	7	97	3.97	18	< 10	137	< 0.5	< 2	3.18	39	1	10.2	10	2	0.79	10
1398198 Orig	774																						
1398198 Dup	728																						
1398204 Orig	< 5	< 0.2	< 0.5	17	457	< 1	11	< 2	23	0.81	< 2	< 10	157	< 0.5	< 2	2.39	8	10	1.46	< 10	< 1	0.41	40
1398204 Split	< 5	< 0.2	< 0.5	17	452	< 1	10	4	22	0.80	< 2	< 10	157	< 0.5	< 2	2.39	7	10	1.46	< 10	< 1	0.42	38
1398206 Orig		< 0.2	< 0.5	5	291	< 1	3	< 2	14	0.69	< 2	< 10	119	< 0.5	< 2	1.02	3	12	0.94	< 10	< 1	0.35	< 10
1398206 Dup		< 0.2	< 0.5	5	277	< 1	2	< 2	14	0.67	< 2	< 10	114	< 0.5	< 2	0.98	4	15	0.89	< 10	< 1	0.33	< 10
1398207 Orig	< 5																						
1398207 Dup	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Detection Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Analysis Method	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Method Blank	< 5																						

QC

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1
Analysis Method	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-1 Meas	0.13	0.053	0.045	0.20	81	1	180	< 0.01	15	< 2	30	75	148	23	16
GXR-1 Cert	0.217	0.0520	0.0650	0.257	122	1.58	275	0.036	13.0	0.390	34.9	80.0	164	32.0	38.0
GXR-4 Meas	1.56	0.138	0.121	1.75	3	7	68	0.13	4	< 2	< 10	78	11	11	10
GXR-4 Cert	1.66	0.564	0.120	1.77	4.80	7.70	221	0.29	0.970	3.20	6.20	87.0	30.8	14.0	186
GXR-6 Meas	0.40	0.076	0.033	0.01	5	21	28		< 1	4	< 10	163	< 10	5	6
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		0.0180	2.20	1.54	186	1.90	14.0	110
SAR-M (U.S.G.S.) Meas	0.35	0.039	0.061		5	3	31	0.05	< 1	< 2	< 10	36	< 10	19	
SAR-M (U.S.G.S.) Cert	0.50	1.140	0.07		6.0	7.83	151	0.38	0.96	2.7	3.57	67.2	9.78	28.00	
OxD108 Meas															
OxD108 Cert															
OxD108 Meas															
OxD108 Cert															
OxD108 Meas															
OxD108 Cert															
SF67 Meas															
SF67 Cert															
SF67 Meas															
SF67 Cert															
SF67 Meas															
SF67 Cert															
1398164 Orig															
1398164 Dup															
1398167 Orig	3.67	0.015	0.134	< 0.01	2	18	5	0.06	< 1	< 2	< 10	2	< 10	6	10
1398167 Dup	3.72	0.014	0.134	< 0.01	4	18	5	0.05	2	< 2	< 10	2	< 10	6	9
1398174 Orig															
1398174 Dup															
1398181 Orig	2.13	0.042	0.149	0.01	5	21	14	0.08	3	< 2	< 10	3	< 10	17	8
1398181 Dup	2.12	0.042	0.150	0.01	7	21	14	0.09	4	< 2	< 10	3	< 10	17	8
1398184 Orig	2.44	0.051	0.077	0.11	4	22	45	0.36	4	< 2	< 10	254	< 10	16	7
1398184 Split	2.45	0.053	0.079	0.11	3	22	47	0.40	6	< 2	< 10	262	< 10	17	8
1398184 Orig															
1398184 Dup															
1398193 Orig	2.12	0.050	0.068	0.09	3	26	53	0.43	2	< 2	< 10	283	< 10	16	7
1398193 Dup	2.07	0.047	0.066	0.09	3	25	53	0.44	6	3	< 10	288	< 10	16	8
1398198 Orig															
1398198 Dup															
1398204 Orig	0.48	0.084	0.073	0.19	< 2	1	109	0.02	1	< 2	< 10	10	< 10	4	2
1398204 Split	0.48	0.086	0.073	0.18	< 2	1	106	0.03	3	< 2	< 10	9	< 10	4	3
1398206 Orig	0.18	0.080	0.028	0.01	< 2	< 1	28	0.03	< 1	< 2	< 10	4	< 10	1	7
1398206 Dup	0.17	0.077	0.026	0.01	< 2	< 1	26	0.03	3	< 2	< 10	4	< 10	1	5
1398207 Orig															
1398207 Dup															

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1
Analysis Method	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Method Blank															
Method Blank															
Method Blank															
Method Blank															
Method Blank	< 0.01	0.013	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank															

Quality Analysis ... *Innovative Technologies*

Date Submitted: 03-Oct-14
Invoice No.: A14-07300
Invoice Date: 10-Oct-14
Your Reference: Cat Key Project

NuVision Resources ULC
225 5th Ave West
Owen Sound ON N4K6B3
Canada

ATTN: Raymond Bernatchez

CERTIFICATE OF ANALYSIS

41 Rock samples were submitted for analysis.

The following analytical package was requested: Code 1A2-Tbay Au - Fire Assay AA (QOP Fire Assay Tbay)
Code 1E3-Tbay Aqua Regia ICP(AQUAGEO)

REPORT **A14-07300**

Notes:
If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

SCC Accredited LAB
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Results

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Detection Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Analysis Method	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
1398208	31	< 0.2	< 0.5	6	154	< 1	< 1	< 2	13	0.26	< 2	< 10	17	< 0.5	< 2	1.34	5	16	0.87	< 10	< 1	0.04	16
1398209	< 5	< 0.2	< 0.5	8	211	< 1	4	< 2	14	0.21	< 2	< 10	14	< 0.5	< 2	2.21	9	16	1.20	< 10	< 1	0.02	12
1398210	< 5	< 0.2	< 0.5	11	187	< 1	< 1	< 2	12	0.21	< 2	< 10	26	< 0.5	< 2	1.66	10	16	0.92	< 10	< 1	0.06	12
1398211	16	< 0.2	< 0.5	10	207	< 1	2	< 2	12	0.26	< 2	< 10	24	< 0.5	< 2	1.29	10	15	1.05	< 10	< 1	0.04	14
1398212	1090	0.4	< 0.5	45	280	< 1	9	< 2	24	0.74	< 2	< 10	25	< 0.5	3	1.92	28	13	2.45	< 10	< 1	0.06	24
1398213	66	< 0.2	< 0.5	16	328	2	5	< 2	15	0.34	< 2	< 10	34	< 0.5	< 2	2.57	15	11	1.94	< 10	< 1	0.08	26
1398214	57	< 0.2	< 0.5	26	278	< 1	4	< 2	18	0.36	< 2	< 10	24	< 0.5	< 2	1.94	24	12	1.58	< 10	< 1	0.04	16
1398215	113	< 0.2	< 0.5	20	222	< 1	2	< 2	10	0.24	< 2	< 10	32	< 0.5	< 2	1.37	14	15	1.19	< 10	< 1	0.07	< 10
1398216	35	< 0.2	< 0.5	12	203	< 1	4	< 2	15	0.29	< 2	< 10	26	< 0.5	< 2	1.61	9	15	1.07	< 10	< 1	0.05	16
1398217	18	< 0.2	< 0.5	18	197	< 1	4	< 2	14	0.33	< 2	< 10	30	< 0.5	< 2	1.42	16	14	1.08	< 10	< 1	0.05	14
1398218	142	< 0.2	< 0.5	10	196	< 1	2	< 2	8	0.16	< 2	< 10	18	< 0.5	< 2	1.67	7	18	0.89	< 10	< 1	0.04	12
1398220	878	0.2	< 0.5	8	472	< 1	18	< 2	93	3.87	12	< 10	15	< 0.5	< 2	2.53	18	30	6.94	20	< 1	0.03	< 10
1398221	6	< 0.2	< 0.5	2	510	< 1	20	< 2	105	4.37	< 2	< 10	11	< 0.5	< 2	2.65	24	29	8.45	20	< 1	< 0.01	< 10
1398222	< 5	< 0.2	< 0.5	3	596	< 1	19	< 2	137	4.32	< 2	< 10	12	0.6	< 2	2.56	24	29	7.95	20	< 1	< 0.01	12
1398223	< 5	< 0.2	< 0.5	8	611	< 1	7	< 2	125	2.76	< 2	< 10	32	< 0.5	< 2	2.18	15	18	4.41	20	< 1	0.05	13
1398224	562	0.3	< 0.5	16	400	2	1	< 2	99	2.07	< 2	< 10	83	0.7	2	0.18	21	9	3.61	10	< 1	0.18	28
1398225	< 5	< 0.2	0.6	14	1080	< 1	2	3	141	3.09	< 2	< 10	61	< 0.5	< 2	2.63	25	1	7.81	10	1	0.14	19
1398226	< 5	< 0.2	< 0.5	14	1110	< 1	3	6	130	3.00	< 2	< 10	72	< 0.5	< 2	2.63	25	2	7.85	10	< 1	0.18	19
1398227	6	< 0.2	< 0.5	11	1320	< 1	2	4	182	2.99	< 2	< 10	37	< 0.5	< 2	2.68	21	2	7.63	20	< 1	0.05	17
1398228	< 5	< 0.2	1.1	17	1610	< 1	5	45	237	2.97	< 2	< 10	49	< 0.5	< 2	2.89	22	13	8.04	10	1	0.11	17
1398229	< 5	< 0.2	< 0.5	15	1480	< 1	1	8	121	3.01	3	< 10	173	< 0.5	< 2	2.66	26	1	9.87	20	< 1	0.87	27
1398230	< 5	< 0.2	< 0.5	10	1480	< 1	< 1	4	175	3.22	5	< 10	104	< 0.5	< 2	2.16	19	1	9.51	20	< 1	0.24	35
1398231	< 5	< 0.2	< 0.5	25	1440	< 1	15	5	126	2.79	< 2	< 10	82	< 0.5	< 2	2.24	20	35	9.27	20	< 1	0.18	32
1398232	< 5	< 0.2	< 0.5	11	1500	< 1	< 1	< 2	143	2.81	< 2	< 10	61	< 0.5	2	1.80	15	2	8.86	20	< 1	0.11	22
1398233	< 5	< 0.2	< 0.5	12	1440	< 1	1	< 2	133	2.44	< 2	< 10	84	< 0.5	< 2	2.05	16	1	8.68	10	< 1	0.14	22
1398234	< 5	< 0.2	< 0.5	11	1370	< 1	< 1	< 2	126	2.28	3	< 10	73	< 0.5	< 2	1.97	16	1	8.69	10	< 1	0.11	21
1398235	< 5	< 0.2	< 0.5	3	1360	< 1	< 1	< 2	135	2.49	< 2	< 10	57	< 0.5	< 2	2.25	12	< 1	7.82	10	< 1	0.09	21
1398236	< 5	< 0.2	< 0.5	8	1290	< 1	2	< 2	104	2.29	< 2	< 10	101	< 0.5	< 2	1.90	12	1	8.37	10	< 1	0.15	21
1398237	< 5	< 0.2	< 0.5	3	1330	< 1	< 1	< 2	105	2.24	< 2	< 10	70	< 0.5	< 2	2.09	13	< 1	7.86	20	< 1	0.11	21
1398238	7	< 0.2	< 0.5	9	1490	< 1	< 1	< 2	111	2.37	< 2	< 10	83	< 0.5	< 2	2.58	16	< 1	8.12	20	< 1	0.12	22
1398239	< 5	< 0.2	< 0.5	11	1550	< 1	< 1	3	121	2.12	< 2	< 10	76	< 0.5	< 2	2.13	13	< 1	8.04	10	1	0.10	22
1398240	< 5	< 0.2	< 0.5	17	1420	< 1	1	3	101	1.73	3	< 10	130	< 0.5	< 2	2.11	13	2	8.01	10	< 1	0.16	22
1398241	< 5	< 0.2	0.6	16	841	< 1	75	7	82	1.78	< 2	< 10	92	0.7	< 2	4.03	20	151	4.96	< 10	< 1	1.33	39
1398242	11	< 0.2	< 0.5	24	997	< 1	63	3	68	1.35	< 2	< 10	100	< 0.5	< 2	3.63	22	114	5.22	< 10	< 1	0.69	31
1398243	131	< 0.2	< 0.5	31	1400	< 1	1	3	50	1.34	< 2	< 10	72	< 0.5	< 2	1.61	9	< 1	6.47	< 10	< 1	0.23	17
1398244	192	< 0.2	< 0.5	38	1560	< 1	< 1	2	73	1.00	< 2	< 10	81	< 0.5	< 2	1.89	13	2	6.45	< 10	< 1	0.29	23
1398245	364	< 0.2	< 0.5	20	1600	< 1	< 1	< 2	67	1.04	< 2	< 10	70	< 0.5	< 2	1.59	12	1	6.46	< 10	< 1	0.22	22
1398246	178	< 0.2	0.6	28	1650	2	< 1	3	57	1.16	< 2	< 10	97	< 0.5	< 2	1.15	16	2	6.26	< 10	< 1	0.40	19
1398247	< 5	< 0.2	< 0.5	13	1350	< 1	< 1	< 2	134	2.04	< 2	< 10	54	< 0.5	< 2	1.51	15	1	7.01	10	< 1	0.13	27
1398248	7	< 0.2	< 0.5	6	1160	< 1	< 1	2	105	1.65	< 2	< 10	78	< 0.5	< 2	1.74	10	2	7.16	10	< 1	0.14	29
1398249	6	< 0.2	< 0.5	6	992	< 1	2	< 2	102	1.88	< 2	< 10	56	< 0.5	< 2	1.79	12	1	6.85	10	< 1	0.10	33

Results

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1
Analysis Method	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
1398208	0.58	0.105	0.079	< 0.01	< 2	4	8	< 0.01	< 1	< 2	< 10	4	< 10	12	1
1398209	1.03	0.096	0.029	< 0.01	< 2	4	13	< 0.01	2	< 2	< 10	3	< 10	6	2
1398210	0.73	0.085	0.046	< 0.01	< 2	3	11	< 0.01	< 1	< 2	< 10	4	< 10	6	2
1398211	0.62	0.104	0.037	< 0.01	< 2	4	10	< 0.01	2	< 2	< 10	4	< 10	7	3
1398212	0.86	0.083	0.097	0.31	< 2	9	14	< 0.01	4	< 2	< 10	34	< 10	11	2
1398213	1.04	0.101	0.107	0.06	2	7	18	< 0.01	< 1	< 2	< 10	10	< 10	9	2
1398214	0.92	0.087	0.072	0.04	< 2	5	13	< 0.01	1	< 2	< 10	6	< 10	9	2
1398215	0.56	0.083	0.057	0.04	< 2	4	10	< 0.01	1	< 2	< 10	5	< 10	7	3
1398216	0.76	0.098	0.051	< 0.01	< 2	4	12	< 0.01	1	< 2	< 10	4	< 10	9	3
1398217	0.68	0.111	0.064	0.02	< 2	4	10	< 0.01	2	3	< 10	5	< 10	10	2
1398218	0.72	0.100	0.031	0.04	< 2	3	14	< 0.01	2	< 2	< 10	2	< 10	7	4
1398220	3.96	0.038	0.035	0.05	4	20	42	0.13	1	< 2	< 10	161	< 10	8	16
1398221	4.57	0.032	0.045	0.02	4	23	47	0.09	< 1	< 2	< 10	166	< 10	10	11
1398222	4.42	0.040	0.079	< 0.01	3	23	42	0.12	< 1	< 2	< 10	166	< 10	20	17
1398223	2.53	0.063	0.027	< 0.01	< 2	11	31	0.15	< 1	< 2	< 10	74	< 10	36	38
1398224	1.16	0.056	0.004	< 0.01	3	< 1	4	0.03	2	< 2	< 10	2	< 10	28	116
1398225	1.20	0.063	0.108	0.05	3	11	56	0.16	1	< 2	< 10	77	< 10	11	11
1398226	1.17	0.068	0.105	0.05	5	10	59	0.14	< 1	< 2	< 10	70	< 10	11	11
1398227	1.29	0.070	0.117	0.04	3	16	61	0.13	5	< 2	< 10	72	< 10	11	11
1398228	1.34	0.070	0.119	0.10	4	16	69	0.15	2	< 2	< 10	60	< 10	12	8
1398229	1.26	0.064	0.138	0.08	3	16	66	0.21	3	< 2	< 10	48	< 10	16	14
1398230	1.06	0.057	0.252	0.05	5	14	46	0.12	2	< 2	< 10	14	< 10	21	6
1398231	1.13	0.067	0.202	0.11	3	15	51	0.10	4	< 2	< 10	13	< 10	20	7
1398232	0.76	0.063	0.140	0.05	4	15	35	0.13	< 1	< 2	< 10	5	< 10	36	7
1398233	0.58	0.048	0.161	0.03	3	13	40	0.11	7	< 2	< 10	5	< 10	39	8
1398234	0.56	0.061	0.118	0.03	3	14	37	0.14	5	< 2	< 10	8	< 10	35	8
1398235	0.65	0.050	0.109	< 0.01	2	13	40	0.12	3	< 2	< 10	3	< 10	32	8
1398236	0.45	0.081	0.109	0.02	3	12	38	0.14	5	< 2	< 10	3	< 10	22	7
1398237	0.51	0.069	0.102	< 0.01	2	12	45	0.11	3	< 2	< 10	3	< 10	14	6
1398238	0.55	0.074	0.107	0.02	4	13	67	0.11	3	< 2	< 10	3	< 10	14	7
1398239	0.43	0.060	0.106	0.02	< 2	11	57	0.10	5	< 2	< 10	3	< 10	14	6
1398240	0.37	0.088	0.100	0.04	3	9	72	0.11	12	< 2	< 10	2	< 10	15	6
1398241	2.84	0.115	0.092	0.29	< 2	14	368	0.10	< 1	< 2	< 10	114	< 10	8	3
1398242	2.15	0.122	0.136	0.38	3	11	327	0.12	5	< 2	< 10	86	< 10	7	7
1398243	0.34	0.064	0.098	0.61	4	6	43	0.09	< 1	< 2	< 10	2	< 10	10	7
1398244	0.23	0.068	0.086	0.51	< 2	5	39	0.10	4	< 2	< 10	1	< 10	11	6
1398245	0.30	0.063	0.080	0.34	2	5	34	0.10	< 1	< 2	< 10	2	< 10	11	6
1398246	0.27	0.058	0.081	0.49	< 2	5	28	0.11	3	< 2	< 10	2	< 10	9	7
1398247	0.46	0.069	0.079	0.03	3	9	33	0.12	< 1	< 2	< 10	2	< 10	13	6
1398248	0.43	0.085	0.078	0.03	3	8	44	0.13	< 1	< 2	< 10	2	< 10	13	7
1398249	0.49	0.078	0.073	0.03	3	10	45	0.12	< 1	< 2	< 10	2	< 10	14	8

QC

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Detection Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Analysis Method	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-1 Meas		29.6	1.2	1120	754	15	19	636	673	0.37	384	< 10	372	0.7	1490	0.72	6	6	22.0	< 10	< 1	0.03	< 10
GXR-1 Cert		31.0	3.30	1110	852	18.0	41.0	730	760	3.52	427	15.0	750	1.22	1380	0.960	8.20	12.0	23.6	13.8	3.90	0.050	7.50
GXR-4 Meas		3.5	< 0.5	6110	134	308	39	41	67	2.81	96	< 10	26	1.3	17	0.84	12	53	2.92	10	< 1	1.69	49
GXR-4 Cert		4.0	0.860	6520	155	310	42.0	52.0	73.0	7.20	98.0	4.50	1640	1.90	19.0	1.01	14.6	64.0	3.09	20.0	0.110	4.01	64.5
GXR-6 Meas		0.3	< 0.5	67	1040	1	21	92	124	7.50	223	< 10	749	0.9	< 2	0.13	11	78	5.41	20	1	1.22	11
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
SAR-M (U.S.G.S.) Meas		3.5	5.6	318	4740	13	44	1060	1010	1.31	35		175	1.0	< 2	0.29	9	90	2.82	< 10		0.33	48
SAR-M (U.S.G.S.) Cert		3.64	5.27	331.0000	5220	13.1	41.5	982	930.0	6.30	38.8		801	2.20	1.94	0.61	10.70	79.7	2.99	17		2.94	57.4
OxD108 Meas	444																						
OxD108 Cert	414.000																						
SF67 Meas	899																						
SF67 Cert	835.000																						
1398217 Orig	14																						
1398217 Dup	22																						
1398221 Orig		< 0.2	< 0.5	3	502	< 1	19	< 2	104	4.31	< 2	< 10	11	< 0.5	< 2	2.62	23	28	8.34	20	2	< 0.01	< 10
1398221 Dup		< 0.2	< 0.5	2	519	< 1	21	< 2	106	4.43	< 2	< 10	11	< 0.5	< 2	2.68	24	29	8.56	20	< 1	< 0.01	< 10
1398228 Orig	< 5																						
1398228 Dup	< 5																						
1398235 Orig		< 0.2	< 0.5	3	1340	< 1	1	< 2	134	2.46	< 2	< 10	57	< 0.5	< 2	2.23	12	< 1	7.71	20	< 1	0.09	21
1398235 Dup		< 0.2	< 0.5	3	1370	< 1	< 1	< 2	137	2.52	< 2	< 10	58	< 0.5	< 2	2.27	11	< 1	7.93	10	< 1	0.09	21
1398238 Orig	7	< 0.2	< 0.5	9	1490	< 1	< 1	< 2	111	2.37	< 2	< 10	83	< 0.5	< 2	2.58	16	< 1	8.12	20	< 1	0.12	22
1398238 Split	5	< 0.2	< 0.5	9	1510	< 1	2	< 2	113	2.39	< 2	< 10	85	< 0.5	< 2	2.60	14	1	8.13	20	< 1	0.12	22
1398238 Orig	5																						
1398238 Dup	9																						
1398247 Orig		< 0.2	< 0.5	13	1350	< 1	2	< 2	134	2.07	< 2	< 10	55	< 0.5	< 2	1.52	15	1	7.07	10	< 1	0.13	27
1398247 Dup		< 0.2	0.6	12	1350	< 1	< 1	< 2	134	2.02	< 2	< 10	53	< 0.5	< 2	1.50	15	1	6.96	10	< 1	0.12	27
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10

QC

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1
Analysis Method	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-1 Meas	0.13	0.051	0.045	0.20	85	1	176	< 0.01	16	< 2	30	75	142	23	16
GXR-1 Cert	0.217	0.0520	0.0650	0.257	122	1.58	275	0.036	13.0	0.390	34.9	80.0	164	32.0	38.0
GXR-4 Meas	1.55	0.136	0.122	1.66	4	7	68	0.13	3	< 2	< 10	77	11	11	10
GXR-4 Cert	1.66	0.564	0.120	1.77	4.80	7.70	221	0.29	0.970	3.20	6.20	87.0	30.8	14.0	186
GXR-6 Meas	0.41	0.077	0.034	0.01	5	22	29		< 1	< 2	< 10	170	< 10	6	12
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		0.0180	2.20	1.54	186	1.90	14.0	110
SAR-M (U.S.G.S.) Meas	0.35	0.042	0.063		5	3	30	0.05	6	< 2	< 10	37	< 10	19	
SAR-M (U.S.G.S.)	0.50	1.140	0.07		6.0	7.83	151	0.38	0.96	2.7	3.57	67.2	9.78	28.00	

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Detection Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1
Analysis Method	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Cert															
OxD108 Meas															
OxD108 Cert															
SF67 Meas															
SF67 Cert															
1398217 Orig															
1398217 Dup															
1398221 Orig	4.50	0.032	0.045	0.02	3	22	47	0.09	< 1	< 2	< 10	164	< 10	10	9
1398221 Dup	4.63	0.032	0.045	0.02	4	23	47	0.10	< 1	3	< 10	167	< 10	10	13
1398228 Orig															
1398228 Dup															
1398235 Orig	0.64	0.049	0.107	< 0.01	2	13	40	0.12	3	< 2	< 10	3	< 10	31	8
1398235 Dup	0.66	0.051	0.111	< 0.01	2	13	41	0.13	3	< 2	< 10	3	< 10	32	8
1398238 Orig	0.55	0.074	0.107	0.02	4	13	67	0.11	3	< 2	< 10	3	< 10	14	7
1398238 Split	0.55	0.076	0.105	0.02	4	13	68	0.12	9	< 2	< 10	3	< 10	14	7
1398238 Orig															
1398238 Dup															
1398247 Orig	0.46	0.071	0.079	0.03	4	9	33	0.11	4	< 2	< 10	2	< 10	13	6
1398247 Dup	0.46	0.067	0.079	0.03	3	9	32	0.13	< 1	< 2	< 10	2	< 10	13	7
Method Blank															
Method Blank															
Method Blank															
Method Blank	< 0.01	0.013	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 1	< 2	< 10	< 1	< 10	< 1	< 1

Quality Analysis ... *Innovative Technologies*

Date Submitted: 03-Oct-14
Invoice No.: A14-07301
Invoice Date: 22-Oct-14
Your Reference: Cat Key Project

NuVision Resources ULC
225 5th Ave West
Owen Sound ON N4K6B3
Canada

ATTN: Raymond Bernatchez

CERTIFICATE OF ANALYSIS

50 Rock samples were submitted for analysis.

The following analytical package was requested:

Code 1A2-Tbay Au - Fire Assay AA (QOP Fire Assay Tbay)
Code 1A3-Tbay Au - Fire Assay Gravimetric (QOP Fire Assay Tbay)
Code 1E3-Tbay Aqua Regia ICP(AQUAGEO)

REPORT **A14-07301**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

SCC Accredited LAB
LAB Accrédité CCN

ACTIVATION LABORATORIES LTD.
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Results

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
1398250	> 3000	6.4	< 0.5	22	322	< 1	3	4	18	0.89	3	< 10	118	< 0.5	< 2	1.40	4	14	1.10	< 10	< 1	0.34	12
1398251	19	< 0.2	< 0.5	8	465	< 1	4	3	18	0.90	< 2	< 10	147	< 0.5	< 2	1.69	4	9	1.37	< 10	< 1	0.39	10
1398252	22	< 0.2	< 0.5	3	486	< 1	1	3	18	0.55	< 2	< 10	98	< 0.5	< 2	1.72	3	8	1.40	< 10	< 1	0.24	10
1398253	8	< 0.2	< 0.5	15	469	1	4	3	24	0.87	< 2	< 10	126	< 0.5	< 2	1.36	6	10	1.49	< 10	< 1	0.31	< 10
1398254	< 5	< 0.2	< 0.5	7	314	< 1	< 1	3	20	0.57	< 2	< 10	109	< 0.5	< 2	1.40	4	9	0.99	< 10	< 1	0.27	< 10
1398255	1220	< 0.2	0.5	20	1300	< 1	< 1	< 2	140	3.05	4	< 10	47	< 0.5	< 2	3.13	17	3	9.39	20	< 1	0.07	26
1398256	< 5	< 0.2	0.6	18	1420	< 1	1	3	126	3.00	< 2	< 10	105	< 0.5	< 2	3.47	18	2	9.10	20	< 1	0.21	28
1398257	47	0.5	0.7	20	1680	< 1	2	< 2	90	2.88	5	< 10	119	< 0.5	< 2	3.04	18	3	8.85	10	< 1	0.30	25
1398258	273	< 0.2	< 0.5	68	1310	< 1	< 1	2	86	2.91	< 2	< 10	79	< 0.5	6	2.86	22	4	9.40	20	< 1	0.19	24
1398259	1860	0.3	0.7	90	1400	< 1	< 1	< 2	74	2.76	7	< 10	101	< 0.5	< 2	3.04	19	4	9.02	20	< 1	0.30	25
1398260	< 5	< 0.2	1.2	12	1560	< 1	< 1	4	151	3.19	25	< 10	75	< 0.5	< 2	2.81	16	3	9.46	20	< 1	0.14	23
1398261	7	< 0.2	< 0.5	12	1510	< 1	3	2	119	2.88	11	< 10	78	< 0.5	< 2	2.82	16	4	9.67	20	1	0.16	24
1398262	< 5	< 0.2	< 0.5	11	1370	< 1	< 1	< 2	89	2.15	10	< 10	43	< 0.5	< 2	2.53	22	14	6.68	10	< 1	0.08	15
1398263	< 5	< 0.2	< 0.5	9	1420	< 1	< 1	3	103	2.71	8	< 10	79	< 0.5	< 2	2.79	17	3	9.77	10	< 1	0.17	24
1398264	< 5	< 0.2	0.8	2	1470	< 1	< 1	< 2	128	2.95	11	< 10	69	< 0.5	< 2	2.50	13	4	9.05	20	< 1	0.16	21
1398265	< 5	< 0.2	0.6	11	1500	< 1	< 1	3	209	2.93	106	< 10	95	< 0.5	< 2	3.05	13	2	9.12	10	< 1	0.26	27
1398266	51	< 0.2	0.8	33	1570	< 1	< 1	5	113	2.47	3	< 10	68	< 0.5	5	3.62	12	5	8.68	10	< 1	0.14	26
1398267	170	< 0.2	0.7	51	1030	< 1	36	9	52	0.96	5	< 10	111	< 0.5	< 2	3.78	14	37	4.31	< 10	< 1	0.24	41
1398268	100	0.5	1.7	26	1420	< 1	4	173	411	2.66	1620	< 10	95	< 0.5	< 2	2.88	12	8	8.17	10	< 1	0.30	29
1398269	21	< 0.2	1.0	13	1580	< 1	2	8	194	3.10	543	< 10	106	< 0.5	< 2	2.54	14	4	8.67	20	< 1	0.28	25
1398270	< 5	< 0.2	< 0.5	13	1410	< 1	< 1	2	87	2.16	2	< 10	63	< 0.5	< 2	2.52	11	4	8.42	10	< 1	0.16	24
1398271	< 5	< 0.2	< 0.5	33	1350	2	2	6	85	2.07	< 2	< 10	60	< 0.5	< 2	2.70	13	5	8.51	10	< 1	0.15	26
1398272	5	< 0.2	< 0.5	4	1730	< 1	< 1	3	122	2.87	3	< 10	79	< 0.5	< 2	1.78	15	5	8.89	20	< 1	0.17	25
1398273	49	< 0.2	0.7	8	1360	< 1	1	5	93	2.39	6	< 10	87	< 0.5	< 2	2.48	13	5	8.60	10	< 1	0.21	28
1398274	< 5	< 0.2	< 0.5	9	1400	< 1	2	4	106	2.51	4	< 10	73	< 0.5	< 2	2.45	10	4	8.56	10	< 1	0.18	30
1398275	< 5	< 0.2	0.5	6	1160	< 1	< 1	6	101	2.31	6	< 10	60	< 0.5	< 2	2.15	11	7	8.10	20	< 1	0.16	28
1398276	69	< 0.2	< 0.5	15	1160	< 1	< 1	30	167	2.45	801	< 10	70	< 0.5	< 2	1.84	21	7	8.40	20	< 1	0.16	29
1398277	10	< 0.2	< 0.5	13	1250	< 1	2	4	206	2.63	8	< 10	70	< 0.5	< 2	1.96	15	5	8.10	20	< 1	0.17	28
1398278	< 5	< 0.2	0.5	9	1070	< 1	3	5	121	2.43	59	< 10	47	< 0.5	< 2	1.84	17	5	7.77	10	< 1	0.09	26
1398279	< 5	< 0.2	< 0.5	8	942	< 1	1	7	93	2.27	3	< 10	25	< 0.5	< 2	1.58	15	11	7.18	20	< 1	0.03	25
1398280	< 5	< 0.2	< 0.5	6	1130	< 1	1	4	101	2.47	5	< 10	40	< 0.5	< 2	1.91	15	9	7.45	20	< 1	0.06	18
1398281	< 5	0.3	< 0.5	34	1190	< 1	11	3	112	4.14	21	< 10	103	< 0.5	< 2	2.37	41	2	10.1	10	< 1	0.50	< 10
1398282	< 5	0.2	< 0.5	40	1200	< 1	11	3	106	3.95	17	< 10	63	< 0.5	3	2.30	45	2	9.88	10	< 1	0.29	< 10
1398283	< 5	< 0.2	0.8	38	1070	< 1	37	< 2	92	3.57	13	< 10	33	< 0.5	< 2	1.66	38	20	7.89	10	< 1	0.13	< 10
1398284	< 5	0.2	0.5	54	805	< 1	38	< 2	72	3.24	17	< 10	45	< 0.5	5	2.05	34	22	6.88	< 10	< 1	0.20	< 10
1398285	< 5	< 0.2	< 0.5	56	900	< 1	33	< 2	81	3.28	9	< 10	53	< 0.5	< 2	1.99	33	19	7.05	10	< 1	0.22	< 10
1398286	< 5	< 0.2	< 0.5	55	1180	< 1	39	< 2	102	3.81	7	< 10	57	< 0.5	< 2	2.19	40	25	8.65	10	< 1	0.25	< 10
1398287	< 5	< 0.2	< 0.5	24	1210	< 1	34	< 2	98	3.73	5	< 10	56	< 0.5	< 2	2.27	35	24	8.26	10	< 1	0.23	< 10
1398288	< 5	< 0.2	< 0.5	48	873	< 1	34	< 2	79	3.30	8	< 10	56	< 0.5	< 2	1.85	32	21	7.30	10	< 1	0.23	< 10
1398289	< 5	< 0.2	< 0.5	39	1060	< 1	40	< 2	87	3.53	7	< 10	73	< 0.5	< 2	2.64	35	25	8.37	10	< 1	0.42	< 10
1398290	< 5	< 0.2	0.5	50	1020	< 1	34	3	81	3.76	< 2	< 10	151	< 0.5	< 2	3.72	35	26	8.85	10	< 1	0.94	11
1398291	< 5	< 0.2	0.9	36	1040	< 1	32	< 2	84	3.88	< 2	< 10	45	< 0.5	< 2	2.83	38	24	9.57	20	< 1	0.20	12
1398292	< 5	< 0.2	< 0.5	< 1	521	< 1	< 1	< 2	174	5.24	4	< 10	81	< 0.5	< 2	0.36	12	1	9.01	20	< 1	0.16	20
1398293	< 5	< 0.2	< 0.5	2	692	< 1	< 1	2	277	5.30	< 2	< 10	60	< 0.5	< 2	0.44	11	< 1	9.04	20	3	0.12	21
1398294	< 5	< 0.2	0.8	2	830	< 1	2	< 2	109	5.08	5	< 10	69	< 0.5	< 2	0.67	10	< 1	8.85	20	2	0.15	17
1398295	< 5	< 0.2	< 0.5	< 1	481	2	2	< 2	82	5.47	< 2	< 10	29	< 0.5	< 2	0.39	13	< 1	9.49	20	< 1	0.06	17
1398296	< 5	< 0.2	< 0.5	5	478	< 1	< 1	< 2	103	5.63	5	< 10	31	< 0.5	< 2	0.53	13	2	9.75	20	2	0.07	20
1398297	< 5	< 0.2	< 0.5	33	1270	< 1	36	< 2	115	4.08	7	< 10	63	< 0.5	< 2	2.27	28	51	9.55	10	< 1	0.16	12
1398298	< 5	< 0.2	< 0.5	18	1500	< 1	20	< 2	116	3.37	2	< 10	39	< 0.5	< 2	2.69	21	27	9.46	10	< 1	0.11	15

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
1398299	< 5	< 0.2	0.7	11	1270	< 1	3	< 2	111	3.34	< 2	< 10	12	< 0.5	< 2	1.73	16	1	9.72	20	< 1	< 0.01	18

Results

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1	0.03
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-GRA
1398250	0.17	0.137	0.027	0.02	< 2	< 1	40	0.03	< 1	< 2	< 10	5	< 10	1	2	8.28
1398251	0.15	0.106	0.029	0.02	< 2	< 1	31	0.04	< 1	< 2	< 10	6	< 10	2	3	
1398252	0.25	0.105	0.028	< 0.01	< 2	< 1	46	0.03	< 1	< 2	< 10	5	< 10	1	2	
1398253	0.22	0.116	0.028	0.04	< 2	< 1	34	0.03	< 1	< 2	< 10	6	< 10	2	2	
1398254	0.19	0.091	0.028	< 0.01	< 2	< 1	35	0.03	< 1	< 2	< 10	4	< 10	1	2	
1398255	0.72	0.056	0.202	0.07	3	19	92	0.07	< 1	< 2	< 10	5	< 10	18	7	
1398256	0.78	0.058	0.198	0.11	3	16	106	0.08	4	< 2	< 10	4	< 10	19	7	
1398257	0.86	0.065	0.200	0.11	3	15	89	0.11	2	< 2	< 10	5	< 10	17	7	
1398258	0.83	0.058	0.184	0.39	4	17	90	0.10	2	< 2	< 10	5	< 10	17	8	
1398259	0.76	0.077	0.172	0.58	4	21	89	0.09	2	< 2	< 10	9	< 10	18	7	
1398260	0.74	0.066	0.185	0.07	< 2	17	65	0.09	2	< 2	< 10	4	< 10	22	7	
1398261	0.61	0.067	0.166	0.07	4	15	53	0.09	9	< 2	< 10	3	< 10	26	6	
1398262	0.43	0.056	0.100	0.01	3	10	39	0.09	< 1	< 2	< 10	2	< 10	17	6	
1398263	0.58	0.062	0.162	0.05	4	14	51	0.09	10	< 2	< 10	3	< 10	37	6	
1398264	0.65	0.058	0.157	0.01	4	15	47	0.09	7	< 2	< 10	3	< 10	32	6	
1398265	0.57	0.050	0.140	0.09	6	12	73	0.08	< 1	< 2	< 10	2	< 10	23	7	
1398266	0.53	0.057	0.132	0.09	3	13	107	0.09	7	< 2	< 10	3	< 10	19	6	
1398267	1.28	0.075	0.157	0.26	< 2	5	235	0.06	< 1	< 2	< 10	27	< 10	9	3	
1398268	0.70	0.058	0.142	0.35	4	12	99	0.03	6	< 2	< 10	7	< 10	17	6	
1398269	0.59	0.044	0.137	0.12	4	11	62	0.05	10	< 2	< 10	2	< 10	25	6	
1398270	0.43	0.070	0.128	0.07	4	12	56	0.08	4	< 2	< 10	2	< 10	35	5	
1398271	0.42	0.065	0.128	0.18	3	12	51	0.10	9	< 2	< 10	3	< 10	42	6	
1398272	0.63	0.055	0.134	< 0.01	3	12	31	0.08	2	< 2	< 10	3	< 10	40	8	
1398273	0.42	0.066	0.121	0.03	8	10	39	0.09	< 1	< 2	< 10	2	< 10	47	6	
1398274	0.46	0.056	0.119	0.02	3	12	43	0.10	< 1	< 2	< 10	2	< 10	47	7	
1398275	0.40	0.072	0.111	0.02	2	13	79	0.12	1	4	< 10	2	< 10	44	6	
1398276	0.45	0.068	0.115	0.09	5	13	49	0.06	< 1	< 2	< 10	2	< 10	45	6	
1398277	0.48	0.069	0.113	0.09	3	13	30	0.10	< 1	< 2	< 10	2	< 10	51	7	
1398278	0.45	0.084	0.104	0.02	3	15	29	0.10	1	< 2	< 10	3	< 10	50	6	
1398279	0.38	0.081	0.106	< 0.01	4	15	54	0.11	9	3	< 10	4	< 10	46	5	
1398280	0.68	0.078	0.109	0.05	3	13	29	0.22	< 1	< 2	< 10	38	< 10	38	7	
1398281	2.20	0.043	0.061	0.12	4	14	69	0.60	5	< 2	< 10	317	< 10	11	8	
1398282	2.17	0.048	0.055	0.11	4	12	58	0.56	3	< 2	< 10	282	< 10	10	6	
1398283	2.14	0.066	0.058	0.04	< 2	11	39	0.44	< 1	< 2	< 10	259	< 10	12	6	
1398284	1.69	0.088	0.048	0.09	2	10	64	0.47	4	< 2	< 10	253	< 10	10	6	
1398285	1.78	0.080	0.060	0.08	< 2	11	61	0.41	< 1	< 2	< 10	227	< 10	12	6	
1398286	2.38	0.074	0.061	0.11	< 2	15	43	0.43	< 1	< 2	< 10	275	< 10	12	7	
1398287	2.34	0.068	0.076	0.05	< 2	13	47	0.38	< 1	< 2	< 10	218	< 10	13	8	
1398288	1.81	0.071	0.071	0.14	< 2	11	69	0.40	< 1	< 2	< 10	203	< 10	13	9	
1398289	2.28	0.057	0.067	0.09	2	19	53	0.37	4	< 2	< 10	237	< 10	15	8	
1398290	2.47	0.045	0.069	0.08	< 2	27	53	0.20	< 1	< 2	< 10	264	< 10	15	7	
1398291	2.45	0.043	0.078	0.07	4	28	41	0.15	1	< 2	< 10	291	< 10	13	8	
1398292	4.06	0.020	0.164	< 0.01	< 2	14	5	0.08	4	< 2	< 10	3	< 10	11	9	
1398293	4.16	0.024	0.153	< 0.01	5	14	6	0.08	< 1	< 2	< 10	2	< 10	10	10	
1398294	4.01	0.023	0.161	< 0.01	5	13	8	0.06	1	< 2	< 10	2	< 10	8	8	
1398295	4.49	0.019	0.153	< 0.01	3	17	5	0.04	< 1	< 2	< 10	3	< 10	8	7	
1398296	4.70	0.019	0.159	< 0.01	< 2	18	7	0.02	21	< 2	< 10	3	< 10	8	5	
1398297	3.12	0.028	0.201	0.04	3	12	25	0.09	< 1	< 2	< 10	121	< 10	7	8	
1398298	1.74	0.045	0.171	0.10	4	15	34	0.10	< 1	< 2	< 10	62	< 10	8	7	

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1	0.03
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-GRA
1398299	0.90	0.060	0.157	0.20	< 2	22	27	0.08	< 1	< 2	< 10	3	< 10	11	7	

QC

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-1 Meas		30.2	3.3	1160	822	15	35	631	700	0.36	386	< 10	309	0.8	1480	0.75	6	6	23.2	< 10	3	0.03	< 10
GXR-1 Cert		31.0	3.30	1110	852	18.0	41.0	730	760	3.52	427	15.0	750	1.22	1380	0.960	8.20	12.0	23.6	13.8	3.90	0.050	7.50
GXR-4 Meas		3.5	< 0.5	6200	135	316	36	43	66	2.71	97	< 10	35	1.2	12	0.84	12	52	2.93	10	< 1	1.65	45
GXR-4 Cert		4.0	0.860	6520	155	310	42.0	52.0	73.0	7.20	98.0	4.50	1640	1.90	19.0	1.01	14.6	64.0	3.09	20.0	0.110	4.01	64.5
GXR-6 Meas		0.2	< 0.5	65	1000	2	22	91	117	7.07	218	< 10	717	0.8	< 2	0.12	11	76	5.44	20	< 1	1.11	< 10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
SAR-M (U.S.G.S.) Meas		3.5	5.5	332	4770	13	44	1060	1040	1.30	35		167	1.0	< 2	0.29	10	90	2.84	< 10		0.32	48
SAR-M (U.S.G.S.) Cert		3.64	5.27	331.0000	5220	13.1	41.5	982	930.0	6.30	38.8		801	2.20	1.94	0.61	10.70	79.7	2.99	17		2.94	57.4
OxN92 Meas																							
OxN92 Cert																							
OxD108 Meas	463																						
OxD108 Cert	414.000																						
OxD108 Meas	444																						
OxD108 Cert	414.000																						
OxD108 Meas	448																						
OxD108 Cert	414.000																						
SF67 Meas	917																						
SF67 Cert	835.000																						
SF67 Meas	921																						
SF67 Cert	835.000																						
SF67 Meas	931																						
SF67 Cert	835.000																						
TB-GS-5A Meas																							
TB-GS-5A Cert																							
1398259 Orig	2030																						
1398259 Dup	1680																						
1398262 Orig		< 0.2	< 0.5	12	1370	< 1	< 1	3	89	2.16	10	< 10	43	< 0.5	< 2	2.54	22	14	6.64	10	< 1	0.08	15
1398262 Dup		< 0.2	< 0.5	11	1360	< 1	< 1	< 2	89	2.14	9	< 10	43	< 0.5	< 2	2.53	22	13	6.71	10	< 1	0.08	15
1398269 Orig	23																						
1398269 Dup	20																						
1398276 Orig		0.2	< 0.5	16	1160	< 1	< 1	30	168	2.44	811	< 10	71	< 0.5	< 2	1.84	20	7	8.43	20	< 1	0.16	29
1398276 Dup		< 0.2	1.6	15	1160	< 1	2	30	167	2.46	791	< 10	70	< 0.5	2	1.84	22	8	8.37	10	< 1	0.16	30
1398279 Orig	< 5	< 0.2	< 0.5	8	942	< 1	1	7	93	2.27	3	< 10	25	< 0.5	< 2	1.58	15	11	7.18	20	< 1	0.03	25
1398279 Split	< 5	< 0.2	< 0.5	8	903	< 1	< 1	7	88	2.17	< 2	< 10	25	< 0.5	< 2	1.51	15	12	6.80	20	< 1	0.03	24
1398279 Orig	< 5																						
1398279 Dup	< 5																						
1398288 Orig		< 0.2	< 0.5	48	872	< 1	34	< 2	79	3.29	10	< 10	56	< 0.5	< 2	1.84	32	21	7.31	10	< 1	0.23	< 10
1398288 Dup		< 0.2	< 0.5	49	874	< 1	34	< 2	79	3.30	6	< 10	56	< 0.5	< 2	1.86	32	21	7.29	10	< 1	0.23	< 10
1398293 Orig	< 5																						
1398293 Dup	< 5																						
1398299 Orig	< 5	< 0.2	0.7	11	1270	< 1	3	< 2	111	3.34	< 2	< 10	12	< 0.5	< 2	1.73	16	1	9.72	20	< 1	< 0.01	18
1398299 Split	< 5	< 0.2	< 0.5	12	1260	< 1	1	< 2	110	3.33	5	< 10	12	< 0.5	< 2	1.72	15	1	9.56	20	< 1	< 0.01	18
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank		< 0.2	< 0.5	4	< 5	< 1	< 1	< 2	4	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank	< 5																						

QC

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1	0.03
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-GRA
GXR-1 Meas	0.14	0.054	0.045	0.21	93	1	175	< 0.01	9	< 2	33	75	153	24	18	
GXR-1 Cert	0.217	0.0520	0.0650	0.257	122	1.58	275	0.036	13.0	0.390	34.9	80.0	164	32.0	38.0	
GXR-4 Meas	1.58	0.133	0.123	1.70	3	7	65	0.13	< 1	4	< 10	78	13	11	10	
GXR-4 Cert	1.66	0.564	0.120	1.77	4.80	7.70	221	0.29	0.970	3.20	6.20	87.0	30.8	14.0	186	
GXR-6 Meas	0.38	0.071	0.034	0.02	5	20	26		< 1	6	< 10	167	< 10	5	10	
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		0.0180	2.20	1.54	186	1.90	14.0	110	
SAR-M (U.S.G.S.) Meas	0.35	0.040	0.064		5	3	30	0.05	< 1	< 2	< 10	36	< 10	19		
SAR-M (U.S.G.S.) Cert	0.50	1.140	0.07		6.0	7.83	151	0.38	0.96	2.7	3.57	67.2	9.78	28.00		
OxN92 Meas																7.44
OxN92 Cert																7.64
OxD108 Meas																
OxD108 Cert																
OxD108 Meas																
OxD108 Cert																
OxD108 Meas																
OxD108 Cert																
SF67 Meas																
SF67 Cert																
SF67 Meas																
SF67 Cert																
SF67 Meas																
SF67 Cert																
TB-GS-5A Meas																5.11
TB-GS-5A Cert																5.032
1398259 Orig																
1398259 Dup																
1398262 Orig	0.44	0.056	0.100	0.01	3	10	39	0.09	< 1	2	< 10	2	< 10	16	6	
1398262 Dup	0.43	0.056	0.100	0.01	3	10	39	0.09	3	< 2	< 10	2	< 10	17	5	
1398269 Orig																
1398269 Dup																
1398276 Orig	0.45	0.069	0.114	0.09	6	13	49	0.07	< 1	< 2	< 10	2	< 10	45	6	
1398276 Dup	0.45	0.068	0.115	0.09	5	13	49	0.06	3	< 2	< 10	3	< 10	46	6	
1398279 Orig	0.38	0.081	0.106	< 0.01	4	15	54	0.11	9	3	< 10	4	< 10	46	5	
1398279 Split	0.36	0.078	0.101	< 0.01	3	15	51	0.11	< 1	< 2	< 10	3	< 10	44	5	
1398279 Orig																
1398279 Dup																
1398288 Orig	1.81	0.072	0.071	0.14	< 2	11	68	0.39	2	< 2	< 10	201	< 10	13	9	
1398288 Dup	1.81	0.070	0.072	0.14	2	11	69	0.42	< 1	< 2	< 10	206	< 10	13	10	
1398293 Orig																
1398293 Dup																
1398299 Orig	0.90	0.060	0.157	0.20	< 2	22	27	0.08	< 1	< 2	< 10	3	< 10	11	7	
1398299 Split	0.88	0.066	0.149	0.19	3	22	28	0.08	12	< 2	< 10	3	< 10	11	8	
Method Blank																
Method Blank																
Method Blank																

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1	0.03
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-GRA
Method Blank	< 0.01	0.015	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 1	3	< 10	< 1	< 10	< 1	< 1	
Method Blank																

Quality Analysis ... *Innovative Technologies*

Date Submitted: 10-Oct-14
Invoice No.: A14-07536
Invoice Date: 24-Oct-14
Your Reference: Cat Key Project

NuVision Resources ULC
225 5th Ave West
Owen Sound ON N4K6B3
Canada

ATTN: Raymond Bernatchez

CERTIFICATE OF ANALYSIS

48 Rock samples were submitted for analysis.

The following analytical package was requested:

Code 1A2-Tbay Au - Fire Assay AA (QOP Fire Assay Tbay)
Code 1C-OES-Tbay Fire Assay ICPOES (QOP Fire Assay Tbay)
Code 1E3-Tbay Aqua Regia ICP(AQUAGEO)

REPORT **A14-07536**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

SCC Accredited LAB
LAB Accrédité CCN

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Results

Analyte Symbol	Au	Au	Pd	Pt	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga
Unit Symbol	ppb	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	2	5	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10
Method Code	FA-AA	FA-ICP	FA-ICP	FA-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
1398300	18				< 0.2	< 0.5	16	234	< 1	3	2	29	0.57	< 2	< 10	15	< 0.5	< 2	1.98	13	11	1.46	< 10
1398301	< 5				< 0.2	< 0.5	8	238	< 1	2	< 2	38	0.62	< 2	< 10	17	< 0.5	< 2	1.41	7	9	1.54	< 10
1398302	23				< 0.2	< 0.5	8	219	< 1	3	< 2	47	0.81	< 2	< 10	24	< 0.5	< 2	0.86	9	13	1.58	< 10
1398303	< 5				< 0.2	< 0.5	11	305	< 1	2	< 2	26	0.32	< 2	< 10	22	1.0	< 2	1.39	13	14	1.21	< 10
1398304	< 5				< 0.2	< 0.5	15	156	< 1	2	< 2	8	0.15	< 2	< 10	21	< 0.5	< 2	0.90	14	26	0.77	< 10
1398305	66				< 0.2	< 0.5	7	206	< 1	< 1	< 2	9	0.23	< 2	< 10	35	< 0.5	11	1.45	7	17	0.94	< 10
1398306	29				< 0.2	< 0.5	12	273	< 1	< 1	2	16	0.31	< 2	< 10	44	< 0.5	< 2	2.11	14	12	1.28	< 10
1398307	89				< 0.2	< 0.5	11	196	< 1	2	< 2	13	0.25	< 2	< 10	26	< 0.5	< 2	1.14	10	17	0.97	< 10
1398308	< 5				< 0.2	< 0.5	18	248	< 1	3	< 2	15	0.26	< 2	< 10	33	< 0.5	< 2	1.83	12	14	1.17	< 10
1398309	33				< 0.2	< 0.5	9	210	< 1	< 1	3	16	0.32	< 2	< 10	45	< 0.5	< 2	1.24	9	13	1.07	< 10
1398310	20				< 0.2	< 0.5	22	225	< 1	1	2	13	0.26	< 2	< 10	36	< 0.5	< 2	1.25	12	16	1.19	< 10
1398311	6				< 0.2	< 0.5	17	215	< 1	2	3	19	0.43	< 2	< 10	28	< 0.5	< 2	1.42	16	11	1.42	< 10
1398312	6				< 0.2	< 0.5	16	202	< 1	< 1	3	17	0.32	< 2	< 10	24	< 0.5	< 2	1.82	11	14	1.42	< 10
1398313	44				< 0.2	< 0.5	12	261	< 1	2	< 2	13	0.31	< 2	< 10	24	< 0.5	< 2	1.65	10	13	1.49	< 10
1398314	< 5				< 0.2	< 0.5	44	360	< 1	10	< 2	33	1.03	< 2	< 10	17	< 0.5	< 2	0.59	34	37	2.62	< 10
1398315	< 5				< 0.2	< 0.5	74	685	< 1	21	< 2	67	2.18	< 2	< 10	31	< 0.5	2	1.02	37	29	5.21	< 10
1398316	< 5				< 0.2	< 0.5	114	425	< 1	10	< 2	40	1.22	< 2	< 10	17	< 0.5	< 2	0.75	30	14	3.35	< 10
1398317	< 5				< 0.2	< 0.5	116	402	< 1	10	< 2	43	1.30	< 2	< 10	21	< 0.5	< 2	0.71	36	10	3.21	< 10
1398318	< 5				< 0.2	< 0.5	228	614	< 1	23	< 2	56	1.92	< 2	< 10	54	< 0.5	< 2	1.31	49	10	5.27	< 10
1398319	< 5				0.3	< 0.5	47	123	1	< 1	3	14	0.72	< 2	< 10	117	< 0.5	< 2	0.07	18	2	1.72	< 10
1398320	< 5				< 0.2	< 0.5	103	82	2	< 1	3	12	0.66	< 2	< 10	100	< 0.5	< 2	0.02	16	2	1.59	< 10
1398321	< 5				0.4	< 0.5	42	103	1	1	3	14	0.81	< 2	< 10	115	< 0.5	< 2	0.03	24	2	1.62	< 10
1398322	< 5				0.4	< 0.5	40	153	6	1	< 2	28	1.02	< 2	< 10	160	0.5	< 2	0.02	9	2	2.16	< 10
1398323	< 5				0.4	< 0.5	32	126	4	< 1	3	19	0.82	< 2	< 10	161	< 0.5	< 2	0.06	5	3	1.78	< 10
1398324	< 5				< 0.2	< 0.5	5	154	1	< 1	2	20	1.04	< 2	< 10	112	0.7	< 2	0.10	7	2	1.43	< 10
1398325	< 5				0.3	< 0.5	11	163	< 1	< 1	2	35	1.16	< 2	< 10	174	0.6	< 2	0.08	6	2	1.65	< 10
1398326		< 2	< 5	< 5	< 0.2	< 0.5	33	972	< 1	14	< 2	147	3.61	< 2	< 10	314	0.6	< 2	1.90	29	12	7.94	10
1398327		< 2	< 5	< 5	< 0.2	< 0.5	18	952	< 1	16	< 2	139	3.27	< 2	< 10	211	0.6	< 2	2.38	30	11	7.63	10
1398328		< 2	< 5	< 5	< 0.2	< 0.5	18	955	< 1	16	< 2	118	3.09	< 2	< 10	185	< 0.5	< 2	2.66	27	9	7.34	10
1398329		< 2	< 5	< 5	< 0.2	0.7	21	968	< 1	15	< 2	117	3.03	< 2	< 10	205	< 0.5	< 2	2.71	28	7	7.49	10
1398330		< 2	< 5	< 5	< 0.2	< 0.5	54	921	< 1	20	< 2	105	2.87	< 2	< 10	151	< 0.5	< 2	2.73	35	9	7.24	10
1398331		< 2	< 5	< 5	< 0.2	< 0.5	161	683	< 1	< 1	< 2	103	2.17	< 2	< 10	80	0.6	< 2	1.46	31	1	6.77	10
1398332		< 2	< 5	< 5	< 0.2	< 0.5	70	801	< 1	1	2	154	2.94	3	< 10	477	0.6	< 2	1.20	30	1	7.85	20
1398333		< 2	< 5	< 5	< 0.2	0.8	49	960	< 1	1	< 2	104	2.47	< 2	< 10	283	0.7	< 2	2.22	24	1	6.89	20
1398334		< 2	< 5	< 5	< 0.2	< 0.5	16	906	< 1	< 1	< 2	134	2.51	2	< 10	411	0.7	< 2	1.59	20	2	7.14	10
1398335		< 2	< 5	< 5	< 0.2	< 0.5	33	835	< 1	1	< 2	136	2.53	< 2	< 10	445	0.5	< 2	0.92	15	1	6.28	10
1398336		< 2	< 5	< 5	< 0.2	< 0.5	19	858	< 1	< 1	< 2	134	2.26	< 2	< 10	351	0.7	< 2	1.72	21	2	8.25	20
1398337		< 2	< 5	< 5	< 0.2	< 0.5	18	776	< 1	1	< 2	147	2.74	< 2	< 10	384	0.7	< 2	1.67	22	< 1	7.71	20
1398338		< 2	< 5	< 5	< 0.2	< 0.5	15	818	< 1	< 1	< 2	219	2.94	< 2	< 10	453	0.7	< 2	1.56	18	1	7.74	20
279844	< 5				< 0.2	< 0.5	< 1	391	1	< 1	< 2	119	0.95	< 2	< 10	120	< 0.5	< 2	0.06	< 1	< 1	3.70	< 10
279845	< 5				< 0.2	< 0.5	3	287	1	< 1	17	82	0.52	< 2	< 10	50	< 0.5	3	0.02	< 1	1	2.73	< 10
279846	< 5				< 0.2	< 0.5	1	590	< 1	< 1	< 2	216	1.08	< 2	< 10	129	< 0.5	< 2	0.02	< 1	< 1	2.82	< 10
279847	< 5				< 0.2	< 0.5	2	706	< 1	< 1	6	143	0.73	< 2	< 10	54	< 0.5	< 2	1.08	< 1	2	3.55	< 10
279848	< 5				< 0.2	< 0.5	1	294	< 1	< 1	3	54	0.56	< 2	< 10	117	< 0.5	2	0.75	< 1	< 1	3.57	< 10
279849	< 5				0.5	< 0.5	1	709	< 1	1	2	134	1.11	< 2	< 10	155	0.7	< 2	0.97	< 1	1	3.45	< 10
279850	< 5				< 0.2	< 0.5	5	329	< 1	1	< 2	33	0.63	< 2	< 10	51	< 0.5	< 2	0.17	3	4	1.65	< 10
279851	10				0.8	< 0.5	228	495	< 1	5	6	56	0.77	3	< 10	55	< 0.5	< 2	0.05	12	3	3.02	< 10
279852	232				24.4	1.0	3400	276	3	33	15	184	0.57	7	< 10	47	< 0.5	< 2	0.50	26	14	2.06	< 10

Results

Analyte Symbol	Hg	K	La	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr
Unit Symbol	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	0.01	10	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
1398300	< 1	0.03	15	1.14	0.095	0.053	0.01	< 2	6	12	< 0.01	3	< 2	< 10	9	< 10	10	2
1398301	< 1	0.03	18	0.89	0.105	0.060	0.01	< 2	6	8	< 0.01	< 1	< 2	< 10	9	< 10	12	2
1398302	< 1	0.05	11	0.83	0.084	0.006	0.04	< 2	4	5	< 0.01	< 1	< 2	< 10	13	< 10	6	20
1398303	< 1	0.03	21	0.65	0.106	0.032	< 0.01	< 2	4	9	< 0.01	< 1	< 2	< 10	5	< 10	13	1
1398304	< 1	0.04	11	0.36	0.086	0.047	< 0.01	< 2	2	7	< 0.01	< 1	< 2	< 10	3	< 10	5	< 1
1398305	< 1	0.08	23	0.60	0.099	0.058	< 0.01	< 2	4	11	< 0.01	7	< 2	< 10	5	< 10	7	1
1398306	< 1	0.10	14	0.94	0.097	0.068	0.01	< 2	4	15	< 0.01	2	< 2	< 10	6	< 10	8	1
1398307	< 1	0.05	14	0.50	0.108	0.046	0.01	< 2	4	9	< 0.01	< 1	< 2	< 10	4	< 10	7	2
1398308	< 1	0.06	10	0.84	0.092	0.057	< 0.01	< 2	4	13	< 0.01	2	< 2	< 10	5	< 10	8	1
1398309	< 1	0.10	16	0.50	0.104	0.065	0.03	< 2	4	11	< 0.01	< 1	< 2	< 10	6	< 10	10	1
1398310	< 1	0.07	15	0.50	0.089	0.061	0.02	< 2	4	10	< 0.01	< 1	< 2	< 10	6	< 10	8	2
1398311	< 1	0.07	18	0.61	0.119	0.070	0.04	< 2	5	10	< 0.01	1	< 2	< 10	8	< 10	11	2
1398312	< 1	0.06	15	0.73	0.095	0.071	< 0.01	< 2	5	12	< 0.01	< 1	< 2	< 10	7	< 10	9	1
1398313	< 1	0.05	18	0.73	0.115	0.078	0.01	< 2	6	13	< 0.01	3	< 2	< 10	6	< 10	10	1
1398314	< 1	0.04	< 10	0.63	0.042	0.015	0.08	< 2	5	9	0.14	3	< 2	< 10	58	< 10	4	7
1398315	< 1	0.08	< 10	1.36	0.053	0.036	0.12	< 2	10	19	0.34	2	< 2	< 10	155	< 10	9	13
1398316	< 1	0.04	< 10	0.72	0.038	0.018	0.10	< 2	5	11	0.19	< 1	< 2	< 10	79	< 10	5	6
1398317	< 1	0.05	< 10	0.74	0.045	0.024	0.13	< 2	6	17	0.25	7	< 2	< 10	93	< 10	6	10
1398318	< 1	0.16	10	1.09	0.069	0.069	0.42	< 2	11	30	0.37	8	< 2	< 10	141	< 10	17	22
1398319	< 1	0.50	32	0.14	0.073	0.004	0.06	< 2	1	3	0.07	< 1	< 2	< 10	2	< 10	56	128
1398320	< 1	0.43	28	0.09	0.051	0.003	0.17	< 2	< 1	3	0.04	< 1	< 2	< 10	1	< 10	43	92
1398321	< 1	0.53	36	0.13	0.071	0.004	0.08	< 2	< 1	3	0.06	< 1	< 2	< 10	1	< 10	49	157
1398322	< 1	0.70	49	0.19	0.094	0.003	0.11	< 2	1	3	0.07	1	< 2	< 10	2	< 10	64	178
1398323	< 1	0.57	39	0.17	0.102	0.004	0.07	< 2	1	5	0.07	< 1	< 2	< 10	2	< 10	52	172
1398324	< 1	0.56	61	0.57	0.070	0.003	< 0.01	< 2	< 1	4	0.06	1	< 2	< 10	1	< 10	96	148
1398325	< 1	0.81	55	0.58	0.100	0.003	0.02	2	1	9	0.07	< 1	2	< 10	2	< 10	84	137
1398326	< 1	1.83	17	2.09	0.190	0.116	0.02	< 2	14	28	0.40	< 1	< 2	< 10	200	< 10	25	18
1398327	< 1	1.07	15	1.94	0.260	0.078	0.02	< 2	16	26	0.26	8	< 2	< 10	207	< 10	22	7
1398328	< 1	0.81	15	1.67	0.277	0.098	0.03	< 2	17	30	0.32	3	< 2	< 10	208	< 10	22	9
1398329	< 1	0.85	13	1.64	0.293	0.070	0.03	< 2	17	29	0.30	7	< 2	< 10	220	< 10	20	6
1398330	< 1	0.62	13	1.55	0.285	0.099	0.10	< 2	16	28	0.34	4	< 2	< 10	238	< 10	21	10
1398331	< 1	1.16	35	0.67	0.161	0.101	0.37	< 2	11	26	0.14	< 1	< 2	< 10	10	< 10	45	3
1398332	< 1	1.93	32	0.98	0.163	0.101	0.17	2	12	21	0.14	2	< 2	< 10	8	< 10	48	4
1398333	< 1	1.01	33	0.57	0.203	0.092	0.11	< 2	11	35	0.17	7	< 2	< 10	5	< 10	46	5
1398334	< 1	1.24	34	0.52	0.175	0.093	0.01	< 2	11	34	0.22	8	< 2	< 10	2	< 10	47	13
1398335	< 1	1.65	35	0.71	0.132	0.058	0.06	3	9	27	0.29	3	< 2	< 10	2	< 10	50	27
1398336	< 1	0.99	30	0.52	0.201	0.121	0.02	4	15	38	0.15	1	< 2	< 10	2	< 10	46	5
1398337	< 1	1.33	27	0.82	0.176	0.092	0.02	2	14	81	0.10	10	< 2	< 10	2	< 10	45	4
1398338	< 1	1.52	29	1.07	0.193	0.127	0.02	< 2	13	40	0.20	3	< 2	< 10	3	< 10	43	7
279844	< 1	0.25	53	0.27	0.078	0.011	< 0.01	< 2	1	3	0.09	2	< 2	< 10	1	< 10	10	16
279845	< 1	0.35	18	0.02	0.039	0.002	0.01	< 2	< 1	2	0.06	< 1	< 2	< 10	< 1	< 10	15	62
279846	< 1	0.60	42	0.39	0.076	0.008	< 0.01	< 2	1	3	0.13	< 1	2	< 10	< 1	< 10	13	73
279847	< 1	0.15	47	0.16	0.052	0.009	< 0.01	< 2	< 1	11	0.09	1	< 2	< 10	< 1	< 10	9	14
279848	< 1	0.31	50	0.23	0.058	0.006	< 0.01	< 2	< 1	29	0.07	4	< 2	< 10	< 1	< 10	10	11
279849	< 1	0.85	48	0.45	0.103	0.005	< 0.01	< 2	2	16	0.15	2	< 2	< 10	< 1	< 10	29	163
279850	< 1	0.22	26	0.17	0.032	0.004	0.01	< 2	< 1	4	< 0.01	< 1	< 2	< 10	4	< 10	9	43
279851	< 1	0.25	27	0.17	0.024	0.006	0.06	< 2	< 1	3	< 0.01	< 1	< 2	< 10	3	< 10	10	10
279852	< 1	0.23	< 10	0.21	0.023	0.014	0.25	< 2	2	9	0.02	< 1	< 2	< 10	19	< 10	1	6

QC

Analyte Symbol	Au	Au	Pd	Pt	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga
Unit Symbol	ppb	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	5	2	5	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10
Method Code	FA-AA	FA-ICP	FA-ICP	FA-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-1 Meas					30.2	1.7	1170	796	15	33	634	674	0.36	368	< 10	254	0.7	1530	0.73	6	6	21.6	< 10
GXR-1 Cert					31.0	3.30	1110	852	18.0	41.0	730	760	3.52	427	15.0	750	1.22	1380	0.960	8.20	12.0	23.6	13.8
GXR-4 Meas					3.6	< 0.5	6530	141	325	38	41	69	3.01	98	< 10	19	1.3	24	0.87	12	54	3.08	10
GXR-4 Cert					4.0	0.860	6520	155	310	42.0	52.0	73.0	7.20	98.0	4.50	1640	1.90	19.0	1.01	14.6	64.0	3.09	20.0
GXR-6 Meas					< 0.2	< 0.5	70	1060	1	23	92	124	7.69	208	< 10	767	0.8	< 2	0.13	12	80	5.71	20
GXR-6 Cert					1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0
SAR-M (U.S.G.S.) Meas					3.3	5.7	341	4770	14	44	1050	1010	1.25	35		175	1.0	< 2	0.29	10	91	2.89	< 10
SAR-M (U.S.G.S.) Cert					3.64	5.27	331.0000	5220	13.1	41.5	982	930.0	6.30	38.8		801	2.20	1.94	0.61	10.70	79.7	2.99	17
PK2 Meas		4990	5990	4850																			
PK2 Cert		4785.000	5918.000	4749.000																			
OxD108 Meas	450																						
OxD108 Cert	414.000																						
SF67 Meas	920																						
SF67 Cert	835.000																						
CDN-PGMS-25 Meas		472	1780	380																			
CDN-PGMS-25 Cert		483	1830	400																			
1398309 Orig	31																						
1398309 Dup	35																						
1398312 Orig					< 0.2	< 0.5	16	205	< 1	3	3	17	0.33	< 2	< 10	24	< 0.5	< 2	1.84	11	12	1.43	< 10
1398312 Dup					< 0.2	< 0.5	16	200	< 1	< 1	3	17	0.32	< 2	< 10	23	< 0.5	< 2	1.81	11	15	1.41	< 10
1398319 Orig	< 5																						
1398319 Dup	< 5																						
1398326 Orig					< 0.2	< 0.5	33	971	< 1	14	< 2	148	3.61	4	< 10	311	0.6	< 2	1.91	30	12	7.90	10
1398326 Dup					< 0.2	< 0.5	33	973	< 1	15	< 2	147	3.61	< 2	< 10	316	0.6	< 2	1.89	28	12	7.98	10
1398329 Orig		< 2	< 5	< 5	< 0.2	0.7	21	968	< 1	15	< 2	117	3.03	< 2	< 10	205	< 0.5	< 2	2.71	28	7	7.49	10
1398329 Split		< 2	< 5	< 5	< 0.2	< 0.5	21	978	< 1	15	< 2	117	3.02	< 2	< 10	201	< 0.5	3	2.76	28	7	7.40	10
1398335 Orig		2	< 5	< 5																			
1398335 Dup		< 2	< 5	< 5																			
1398338 Orig					< 0.2	< 0.5	15	816	< 1	1	4	220	2.96	< 2	< 10	455	0.7	< 2	1.56	17	1	7.77	20
1398338 Dup					< 0.2	< 0.5	16	821	< 1	< 1	< 2	219	2.93	< 2	< 10	450	0.7	< 2	1.56	18	1	7.72	20
279847 Orig	< 5																						
279847 Dup	< 5																						
Method Blank					< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10
Method Blank		< 2	< 5	< 5																			
Method Blank	< 5																						
Method Blank	< 5																						

QC

Analyte Symbol	Hg	K	La	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr
Unit Symbol	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	0.01	10	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-1 Meas	< 1	0.03	< 10	0.13	0.050	0.045	0.20	91	1	177	< 0.01	14	< 2	29	75	150	23	17
GXR-1 Cert	3.90	0.050	7.50	0.217	0.0520	0.0650	0.257	122	1.58	275	0.036	13.0	0.390	34.9	80.0	164	32.0	38.0
GXR-4 Meas	< 1	1.80	49	1.60	0.151	0.123	1.79	4	7	71	0.13	4	< 2	< 10	79	10	12	11

Analyte Symbol	Hg	K	La	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr
Unit Symbol	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	1	0.01	10	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-4 Cert	0.110	4.01	64.5	1.66	0.564	0.120	1.77	4.80	7.70	221	0.29	0.970	3.20	6.20	87.0	30.8	14.0	186
GXR-6 Meas	1	1.23	11	0.41	0.078	0.034	0.01	6	21	29		< 1	< 2	< 10	168	< 10	5	8
GXR-6 Cert	0.0680	1.87	13.9	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		0.0180	2.20	1.54	186	1.90	14.0	110
SAR-M (U.S.G.S.) Meas		0.30	47	0.36	0.038	0.066		5	3	29	0.05	< 1	< 2	< 10	35	< 10	19	
SAR-M (U.S.G.S.) Cert		2.94	57.4	0.50	1.140	0.07		6.0	7.83	151	0.38	0.96	2.7	3.57	67.2	9.78	28.00	
PK2 Meas																		
PK2 Cert																		
OxD108 Meas																		
OxD108 Cert																		
SF67 Meas																		
SF67 Cert																		
CDN-PGMS-25 Meas																		
CDN-PGMS-25 Cert																		
1398309 Orig																		
1398309 Dup																		
1398312 Orig	< 1	0.06	15	0.74	0.096	0.072	< 0.01	< 2	5	12	< 0.01	< 1	< 2	< 10	7	< 10	9	1
1398312 Dup	< 1	0.06	15	0.73	0.095	0.069	< 0.01	< 2	5	11	< 0.01	< 1	< 2	< 10	7	< 10	9	1
1398319 Orig																		
1398319 Dup																		
1398326 Orig	< 1	1.82	16	2.08	0.190	0.116	0.02	< 2	14	28	0.41	< 1	< 2	< 10	201	< 10	25	18
1398326 Dup	< 1	1.84	17	2.09	0.189	0.115	0.02	2	14	28	0.40	9	< 2	< 10	199	< 10	25	18
1398329 Orig	< 1	0.85	13	1.64	0.293	0.070	0.03	< 2	17	29	0.30	7	< 2	< 10	220	< 10	20	6
1398329 Split	< 1	0.84	13	1.63	0.293	0.098	0.04	3	17	29	0.38	10	< 2	< 10	226	< 10	21	11
1398335 Orig																		
1398335 Dup																		
1398338 Orig	< 1	1.52	29	1.07	0.193	0.090	0.02	< 2	13	40	0.12	2	< 2	< 10	2	< 10	43	4
1398338 Dup	< 1	1.52	29	1.07	0.194	0.165	0.02	2	13	40	0.28	5	< 2	< 10	3	< 10	43	10
279847 Orig																		
279847 Dup																		
Method Blank	< 1	< 0.01	< 10	< 0.01	0.012	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank																		
Method Blank																		
Method Blank																		

2014 Stripping Appendix C :
Geology Map at 1:10,000
With Stripping & Drill Locations

517,000 mE 518,000 mE 519,000 mE 520,000 mE 521,000 mE 522,000 mE 523,000 mE 524,000 mE

5,402,000 mN 5,401,000 mN 5,400,000 mN 5,399,000 mN 5,398,000 mN 5,397,000 mN

N W E S

L54+00E ZONE

THOMPSON ZONE

HWY 11

Powerline

TURTLE RIVER ROAD

OLIVE ROAD

BARBER ROAD

STELLAR ROAD

Road 208

Amphibolite Metamorphic Gradient

Greenschist

4266227 4266166 4266163 4266161 4266162 4266164 4266165 4266167 4266168

1152535 1152537

4270747 4270748 4270749

HP186

MAP LEGEND

- Grab & Chip Samples
- Historical Drill Collar
- NuVision Drill Collar
- Claim Post (mapped)
- Building
- Ridge
- Railroad
- Road/Trail-Minor
- Road/Trail-Major
- Open Cut Area
- Open Water Area
- Hydro Line
- Beaver Dam
- River, Creek, Stream
- Lake
- Swamp, Wet Area
- Quartz Vein
- Trench
- Stripped Area
- Pits, Rubble, Crushed Rock
- Fault/Shear

Interpreted Geology
- Assumed
- Defined
- Anticline/Syncline

GEOLOGY LEGEND

- 12a - Granite (Unmetamorphosed)
- 12b - Felsite (Dike)
- 12c - Aplite
- 7a - Fine Gabbro
- 7b - Medium Gabbro
- 7d - Pegmatite Gabbro
- 7f - Sheared Gabbro
- 3a - Felsic Flow (Rhyolite)
- 3a/3b - Felsic Flow (Rhyolite), Altered Felsic Flow
- 3b - Altered Felsic Flow (Sheared Rhyolite)
- 3c - Chert with Magnetite
- 3d - Felsic Gneiss (Flow or Granite)
- 2a - Intermediate Flows (Dacite to Andesite)
- 2b - Altered Intermediate Flows (to Sheared)
- 1a - Mafic Flow
- 1b - Altered Mafic Flow (to Sheared)
- 1c - Mafic Breccia

Assay Results (ppm)

Elevated Values in Black Font
Anomalous Values in Red Font

NuVision Resources
CAT KEY PROJECT
2014 Summer Field Mapping and Sampling

200 0 200 400 600

Meters

NAD 83, Zone 15

Graphics by: Orix Geoscience Inc.
February 16, 2015