Geological Mapping Report
of the Cat Key Property
A-Grid and B-Grid
Mine Centre, Ontario
For
NuVision Resources ULC

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1 - Summary

The Cat Key Property was acquired 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, covering 21.32 km2, that were staked in 2013 and 2014.

The 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 NE strike-trend in the Mine Centre area.

Historical prospecting since the 1890's have located several high-grade gold occurrences within quartz vein systems, with associated base metal mineralization. Limited mining of these high-grade gold systems (located within felsic intrusive and volcanic 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.

More recent work, since the 1950's has located of Cu-Ni mineralization associated with Magmatic Layered Intrusions (Grassy Portage Deposit) and Cu-Zn mineralization associated with Volcanogenic Massive Sulphides (Lockart Lake Deposit) in the Fort Frances – Mine Center areas.

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. 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).

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".

Historical studies 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".

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".

Historical airborne geophysical survey's (OGS 1980, 2009) of the Mine Centre area have located conductors associated with the various lithologies on the property. Previous exploration activity (drilling) on 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 0.30 g/t gold and 0.19% copper.

From May until August of 2014, NuVision Resources ULC conducted geological mapping on the Cat Key Property. This author was hired to complete 1:2000 mapping, using 200m grid lines with 25m picket intervals, that were cut in the spring and summer of 2014.

A total of over 100km of survey lines were mapped, almost 1480 outcrops described, 635 samples taken and 472 samples assayed.

The following geological zones were discovered or expanded upon:

1. **Thompson Zone –** it was previous tested by Sedex in 2008 with one significant gold anomaly, 2.74 gpt Au, located within highly sheared and carbonate-chlorite altered mafic volcanics. Current mapping has expended this zone to twice its previous known widths, to over >80m wide, and expanded its strike length from 200m to over 1600m (L30E to L46E) at surface. Grab samples have located values up to 1.46 gpt Au along strike.
2. **L54E Trenches –** a series of trenches (15) were located at the intersection of L54E & the 20+00 North Base-line and are located over 200m along strike. Grab samples have located four samples with assay values of 2 - 6 gpt Au.
3. **L60E Trench –** a small trench (aka Bush Rat) was located along L60E. It consisted of altered felsic volcanics with silica zones (<1m) and minor sulphides (>5% Py-Po-+/- Sph). Anomalous gold values, from 0.2-0.7 gpt Au, were located within this alteration system.
4. **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.
5. **Noront Zone –** a >1m quartz vein with Py-Cpy was located, 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.
6. **L22E Gabbro** - a 100m thick unit of layered gabbro was located on L22E from 32+90N to 31+85N, north of 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 assay. To date, only limited sampling has been carried out on this zone.

2 - Introduction

This report presents and summarizes the results of a geological mapping and sampling program, carried out from May to August of 2014, 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.

The exploration program was conducted over a period of five months and consisted of:

1) Line-cutting, by KLB Outdoor Exploration of Fort Frances, of the A-Grid (055o baseline) and the adjoining B-Grid (090o baseline) at 200m intervals with 25m pickets from April to July, 2014
2) Ground geophysics, both magnetometer and electromagnetic, on the cut grid and flagged lines by GeoSig Geophysics during April and May of 2014.
3) Geological mapping, by Allen J. Raoul Geological Services (myself), along the two cut grids, along claim lines and over the property. Regional geological mapping was at 1:2000 scale and any mineral showings mapped at 1:500.
4) 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 picket and base 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

This author, Allen Raoul (PGeo) of Fort Frances, was hired to produce the exploration report on the Cat Key Property of Mine Centre. This author would like to thank Mr. Ray Bernatchez PEng. for his geological advice and guidance during this project.

3 – First Nation Consultations

NuVision Resources ULC has met the necessary requirement in consulting with the First Nations in the Fort Frances region to date. The company received an invitation from Mr. Alex Bruyere of Chiefs Board Secretariat, responsible for the seven First Nations groups in the Fort Frances area, to attend a one-day session open house, on March 18, 2014, at the Fort Frances Memorial Sports Center.

The company was represented by Max Reiter, Project Manager of NuVision Resources ULC and myself (Allen Raoul, PGeo.). We manned an information booth with a 2 page summary exploration handout and had given a colored power point presentation (12p.) to each First Nation group. Approximately 50 handouts and 7 power points were given away.

Local First Nation contacts made were:

Seine River First Nation
Ph. (807) 599-2224
NRF Contact: Tyrone Tenniscoe
bluethunder40@hotmail.com

Couchiching First Nation
Ph. (807) 274-3228
NRF Contact: Allen Yerxa
allanyerxa@vianet.ca

Met representatives from the Ministry of Northern Development and Mines, including the Kenora District Geologist (Mr. Craig Ravnaas), and our exploration plans shared with their offices.

We have completed a property update and tour of our exploration site in Mine Centre to Mr. Alex Bruyere, the Fort Frances Chiefs Board Secretariat, and his associates in October of 2014.

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 table1 and a claim map can be seen in figure 1.

Table 1: 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.

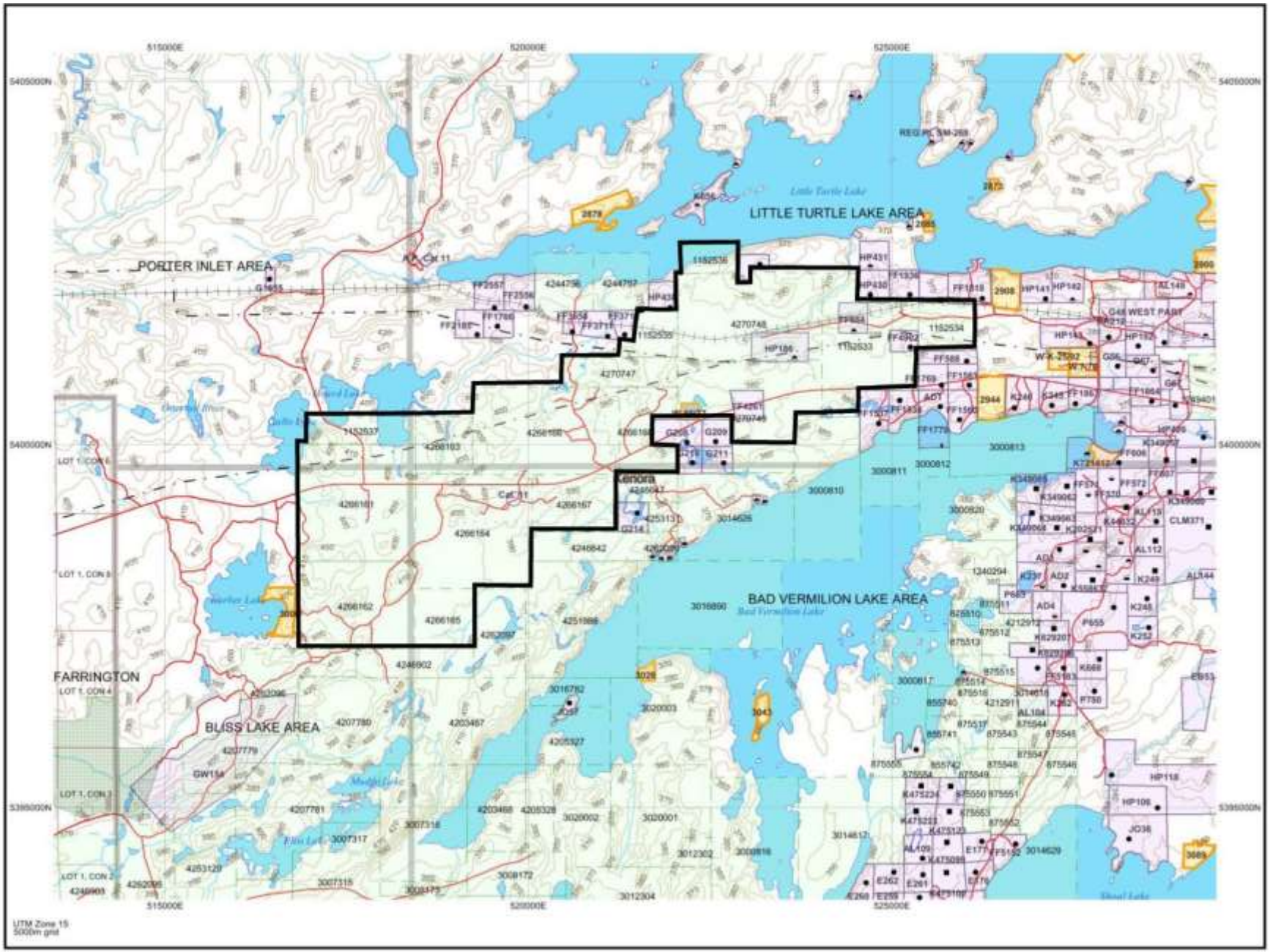


Figure 1: Claims of NuVision Resources Inc. (modified after Claims Map III, Oct. 07, 2014)

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 2: 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 (070º) 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. 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.	KAF 52C15SE J-1
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' Location of collars not found.	KAF 52C10NE CC-1 OE 52C10NE0497
Ed-Vic Expl 1977	Tr & Str	Stellar property (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 0.6-0.9m deep. No assays. No.1 Vein – 0.45m wide x 75m long No.2 Vein – 0.76m wide x 180m long	KAF 52C10NE Z-2
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 1 hole 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 adjoined 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. The 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 content, no assaying completed. -BL4 with trenches 18-27 but no assays. On west side of FF4902 – shaft put down in 0.9m wide sulfide zone 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	KAF 52C15SE BB-1 OE 52C15SE0011

		on NuVision Property. Report on tailings & dump sample of Olive Mine.	
Homestake 1983	AMag & AEM	Airborne Magnetic & Electromagnetic survey by Kenting Earth Science Ltd. Focused on the Olive Mine but did cover some of 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 083º/86ºN and plunges 50º east Stellar Hole 02- 0.15m of 13.38 gpt Au, 8.7 gpt Ag, 0.29% Zn, 0.82% Pb.	KAF 52C10NE OO-2
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. There was no testing on the current NuVision property.	KAF 52C15SE BB-6
Falconbridge 1985	Map, DD	Drill Report on 1 hole (236m) on Lockart 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 HS08- 3.4m of Py-Ser unit, alt. rhy. with stringers / shears of qtz-py-cpy-sph, 1.6m unit of 10% Py, ©	OE 52C15SE1008
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 Dec 16-sample 6 - 1.74 gpt Au Dec 10-sample 4 - 1.50 gpt Au Dec 10-sample 1 – 6.18 gpt Au	KAF 52C10NE A-1 TOR 2.14950
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.	KAF 52C10NE NNN-1 TOR 2.39121 OE 20004920

		Several EM and Mag anomalies were identified.	(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
ODM and OGS Data Sources			
OGS 1975	Property Visit	<u>Barber Lake Gold Occurrence</u> 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	<u>Barber Lake Base Metal Occurrence</u> 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	<u>Stellar Gold Mine</u> 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	<u>McMillan</u> – 1m wide quartz-carbonate vein, traced 50m, at 276º/86ºN 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	<u>Headlight Bay</u> (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	<u>#17 – Ronda-Satellite Prospect</u> **–** 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 – 240º/70ºNW @ 0.76m wide with assays up to 9.33 gpt Au #2 vein – 265º/steep N @ 1.17m with assays of 3.73 – 93.30 gpt Au #4 vein – 240º/V @ 0.46m with gold. un-named vein – 245o/V @ 0.73m with assays of 9.33 gpt Au. #6 vein – 330º/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 310º 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. Best assay was 3.8m of 2.06% Zn, 0.11% Cu and 4.35 gpt Ag.	See MDC 29, pg.72
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 in 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 conglomerate, 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 assemblages 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.

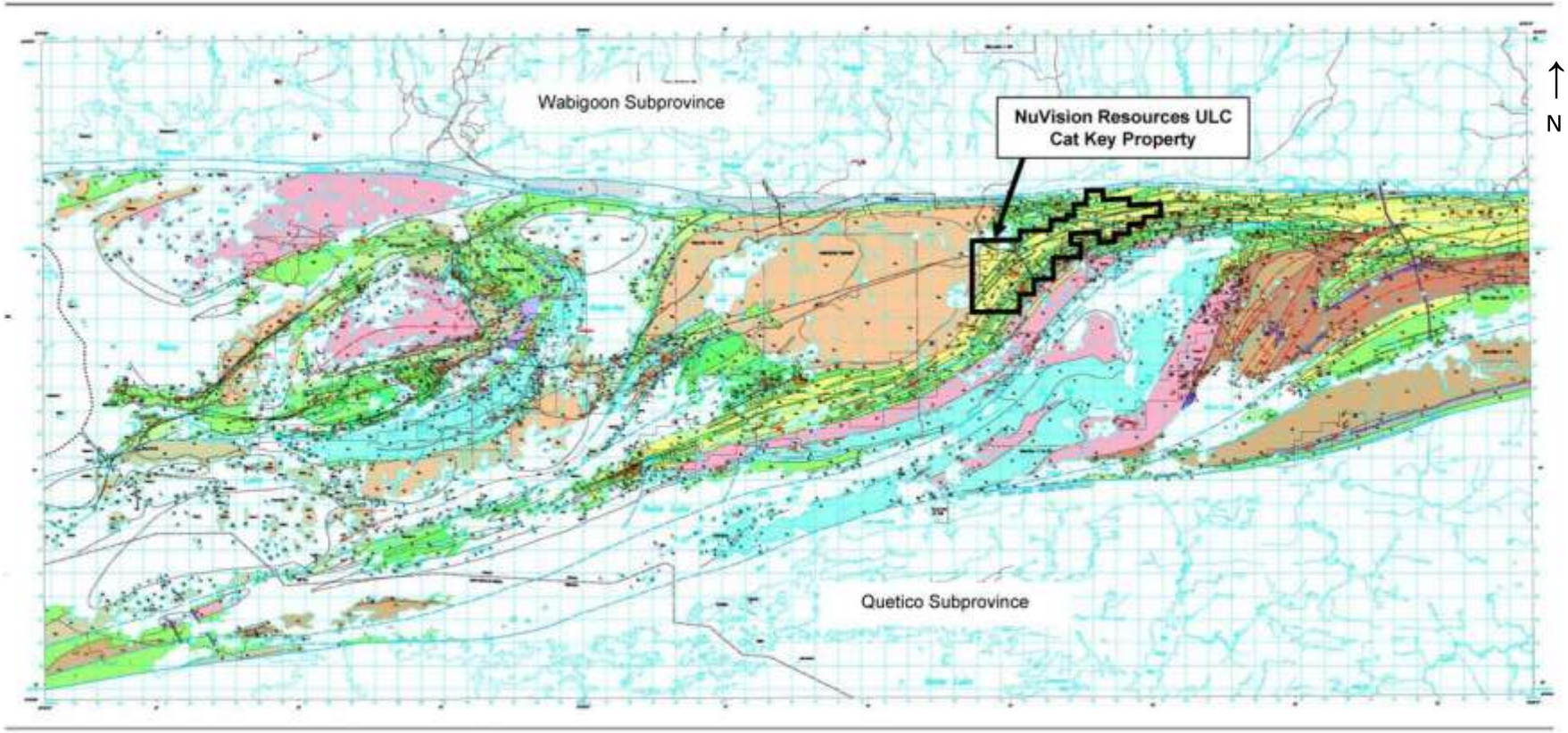


Figure 2 – Regional Geology of Cat Key Resources, NuVision Resources ULC (modified after Poulsen, 2000)

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 preparing the rock features for localizing gold mineralization within lithologically controlled sheared, carbonitized and silicified in rocks within the Mine Centre metavolcanic-metasedimentary, mafic and felsic intrusive rocks.

The following simplified geological legend was derived by Bernatchez (2014) and represents the stratigraphy of the Mine Centre metavolcanic, metasedimentary, 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 (Bad Vermillion)
Unit 7 Coarse 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)
- a) i) Felsic Flows (Rhyolite)
  ii) 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 may represent mafic feeder dykes. 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 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, neat its contacts. 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 sill. 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 (post depositional).

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
    i) 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.
    ii) 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 – sausuratized 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 moderated 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.

Lakes
Sample
Roads
Highway
Powerline
Claims
Patents
Geology Legend
12a Granite (unmetamorphosed)
7a - Fine Gabbro
7b - Medium Gabbro
7c - Coarse Gabbro
3d - Felsic Gneiss
3a - Felsic Flow
2a - Intermediate Flow
1a - Mafic Flow
1b - Altered Mafic Flow
1c - Mafic Breccia
Au - g/t, Ag - g/t or ppm;
Cu, Zn, Ni, Pb - % or ppm

Detailed View

2391
2228 2383
2221 2231
2384 2236
2385 2235
2387
2366 2232
2233
2365
2343
2354
2340
2341
2343
2344
200 0 200
Meters

N
W E
S

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

4270748
1152535
HP186
4270747
4266166
4266168
4266163
4266161
4266164
4266162
4266165

289 Cu
595 Zn
976 Cu
Quartz Vein
2.0 Ag,
208 Cu
2260 Zn
4974 Zn
230 Zn
0.224 Au, 5.4 Ag,
382 Zn
282 Zn
256 Zn
1150 Cu
534 Pb
10000 Cu
211 Zn
0.092 Au, 6.0 Ag
222 Zn
202 Pb
216 Zn
439 Zn
297 Pb, 230 Zn
247 Zn
HWY 11
0.665 Au
0.285 Au
729 Zn
0:084 Au
0.235 Au
0.092 Au,
218 Zn
210 Zn
281 Zn
202 Zn
287 Zn
Powerline
285 Zn
381 Zn
244 Zn
300 Zn
303 Zn
HWY 11
1466 Cu
QV Zone
173 Cu
0.307 Au
1.461 Au, 2.0 Ag
302 Zn
486 Cu
0.149 Au
0.107 Au, 180 Cu
596 Zn
2.0 Ag
204 Cu
505 Zn
0.113 Au
226 Zn
174 Cu, 480 Zn
0.142 Au
212 Zn
322 Zn
2.0 Ag, 296 Ni
226 Ni

Detailed View

13 Ag, 1500 Cu
956 Cu
656 Pb
10.9 Ag, 4120 Cu
627 Cu, 207 Zn
201 Zn
0.228 Au, 227 Zn
332 Cu
QV
2.2 Ag
286 Zn
213 Zn
2830 Cu
472 Cu
4.9 Ag, 197 Zn
595 Zn
594 Zn
0.097 Au
350 Zn
6.130 Au
2.6 Ag, 361 Pb
217 Zn
0.666 Au, 998 Zn
2.560 Au
183 Cu
0 50 100
Meters

0 500 1000
Meters
1:20,000

NuVision Resources ULC

CAT KEY PROPERTY
Mine Centre, Ontario

2014 Geological Compilaton

Figure 3

Datum: NAD 83, Zone 15

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.

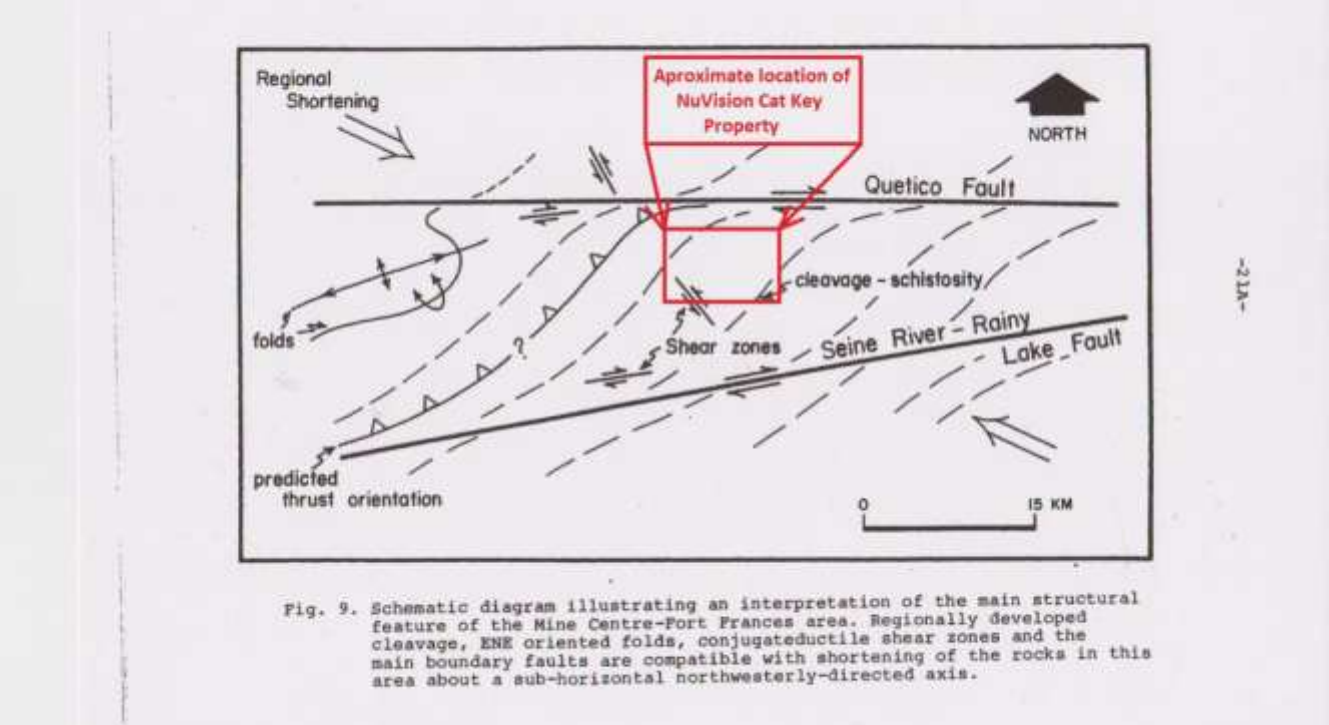


Fig. 9. Schematic diagram illustrating an interpretation of the main structural feature of the Mine Centre-Fort Frances area. Regionally developed cleavage, ENE oriented folds, conjugateductile shear zones and the main boundary faults are compatible with shortening of the rocks in this area about a sub-horizontal 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 060º/240º, as on the A-Block of the property. A 6.4km base-line (20+00N base-line), trending 055º, was established from L0E to L62E, at two hundred meter increments with 25m pickets. Based upon 2014 mapping, the rock units in this area are parallel to this base-line and the wing-lines, trending 325º/145º, 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 090º/270º, as on the B-Block of the property. A 2.0km base-line (20+00N base-line), trending 090º, 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 000º/180º, 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>060º 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. 090º 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. 310º 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 (060º Event) to youngest (310º 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 Zones

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.

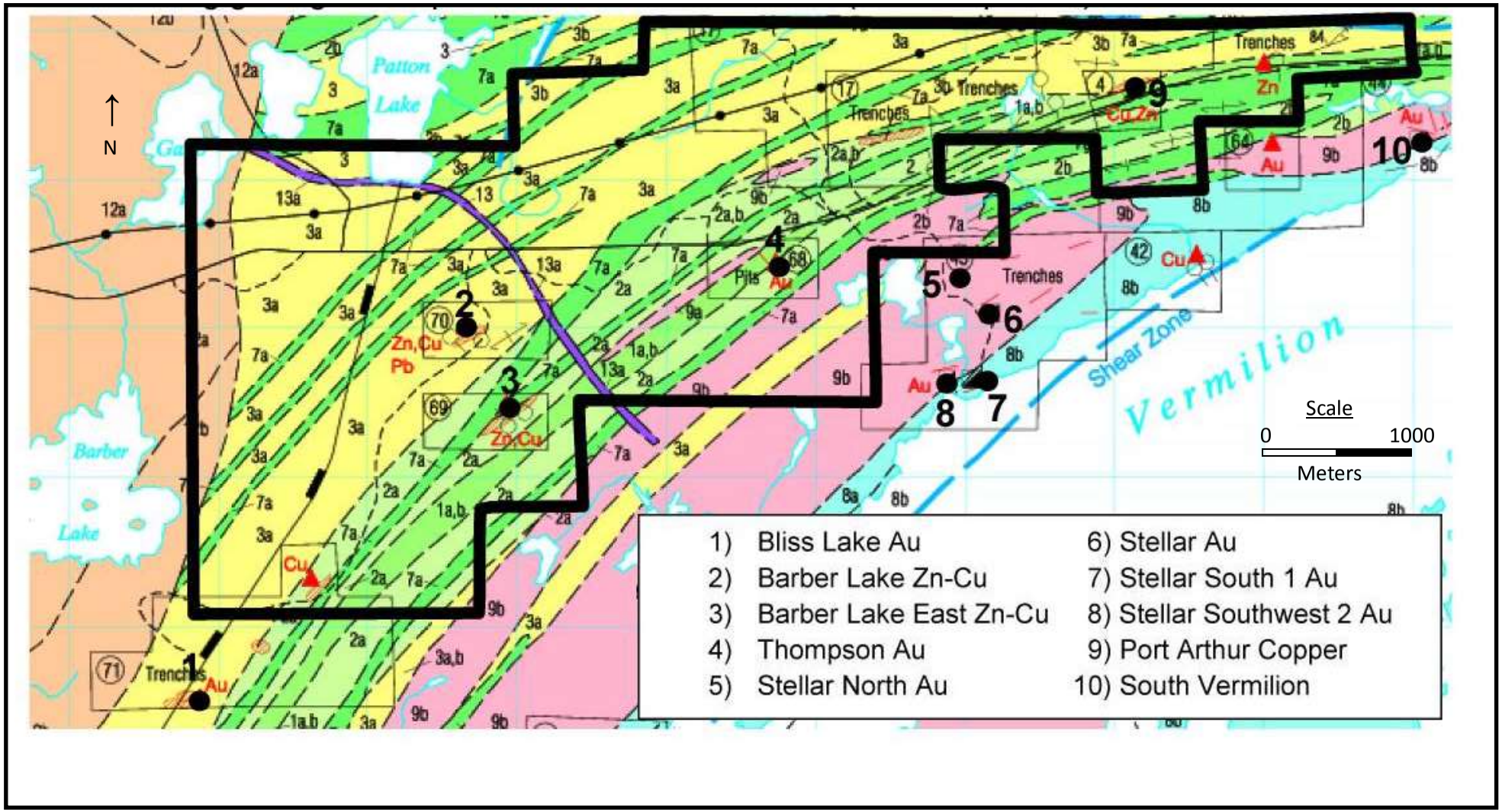
Type 4: Ultramafic-Hosted Mineralization
- Disseminated chalcopyrite-pyrrhotite mineralization hosted by ultramafic metavolcanic rocks – North Rock prospect.

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



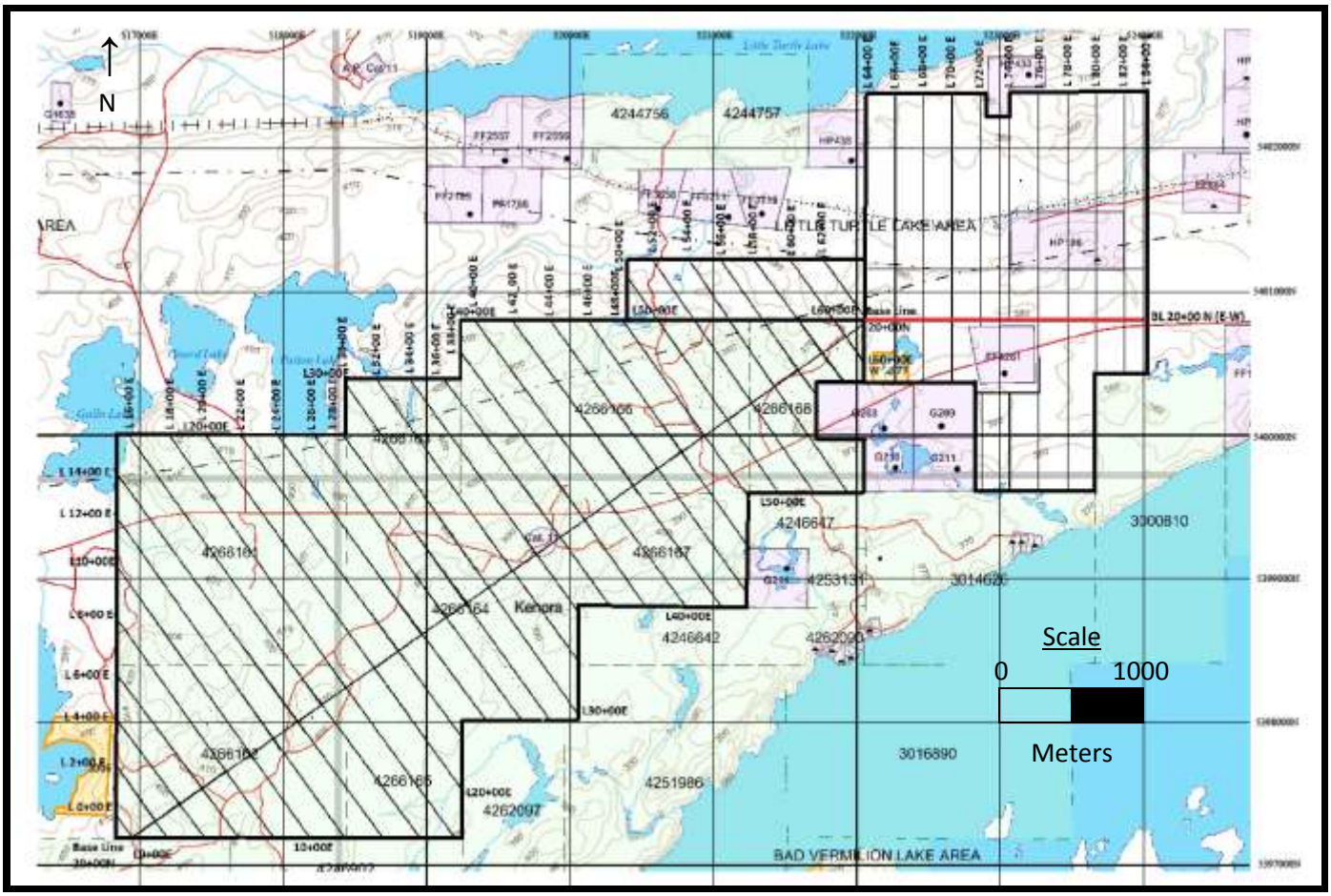
11- 2014 Mapping Program by NuVision Resources ULC

In April and May of 2014, a 100-km long, line-cutting program was undertaken on the Cat Key Property to assist with geophysical, geological and geochemical surveys. The line-cutting was broken up into two sections, based on lithology. This was completed by KLB Outdoor Exploration of Fort Frances, with their employees from Couchiching First Nations. This author completed a 2-day training course of Grid Cutting & Staking, to a group of 18 students from Couchiching First Nations in March of 2014; including these employees of KLB.

A) The A-Grid, with a 055º baseline (aka 20+00 North Base Line), was cut from L0E to L62E (6.25 km) and picketed at 25m intervals. Wing-lines were established every 200m @ 325º/145º.

B) The B-Grid, with a 090º baseline (aka 20+00 North Base Line), was cut from L64E to L84E (2.00 km) and picketed at 25m intervals. Wing-lines were established every 200m @ 360º/180º.

Figure 5b: Line Cutting and Grid Locations on the Cat Key Property



From May until August of 2014, NuVision Resources ULC conducted geological mapping on the Cat Key Property. This author was hired to complete 1:2000 mapping, using the 200m grid lines with 25m picket intervals, that were cut in the spring and summer of 2014.

A total of over 100km of survey lines were mapped, 1480 outcrops were identified and described (see Appendix A), 635 samples taken (see table 3) and 472 samples assayed (See Appendix B).

The following assays were received from 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.

During mid-season, a management decision was made to switch to Activation Laboratories (Actlabs) of Thunder Bay, Ontario due to a better pricing deal and slow assay turn-around times by Accurassay. It should be noted that it was the peak of the exploration season. NuVision had the samples tested for Fire Assay Gold and 31 element ICP; a very similar package to that of Accurassay Labs, to keep our assay data consistent.

The assays are listed in table 3 with the significant gold, silver or base metal values are highlighted. The complete assay certificates are located in Appendix B.

Elevated Gold	**>100 ppb Au**	black bolded
Anomalous Gold	**>500 ppb Au**	red bolded
Elevated Silver	**>2 ppm Ag**	black bolded
Anomalous Silver	**>10 ppm 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

Table 3 – Assay table for the Cat Key Property

Sample Number	Location		UTM		Description	Au	Ag	Cu	Ni	Pb	Zn
	Line	North	Easting	Northing	(Assaying by Accurassay Labs)	ppm	ppm	ppm	ppm	ppm	ppm
1482201	L 83+75E	19+18N	524038E	5400725N	Sheared Dacite & 4% Py	0.031	1	34	2	**202**	**4974**
1482202	L 83+83E	19+20N	524047E	5400726N	Sheared Dacite & <1% Py	0.015	1	21	8	122	**216**
1482203	L 83+80E	19+25N	524024E	5400730N	Sheared Dacite & 2% Py	0.005	1	21	3	**297**	**233**
1482204	L 83+85E	19+28N	524043E	5400734N	Sheared Dacite & <1% Py	0.019	1	15	2	**534**	**439**
1482205	L83+45E	19+60N	524011E	5400765N	Shear Andesite Tuff & Carb Alt	0.005	1	3	3	1	122
1482206	L81+20E	19+25N	523709E	5400732N	1.2 m chip of QCV	0.005	1	174	47	1	42
1482207	L80+20E	19+25N	523706E	5400755N	0.2m grab of sheared mafic volcanic + 30% QCV	0.005	1	14	69	1	168
1482208	L81+60E	19+25N	523637E	5400704N	0.6m chip of 50% QCV in weak shear andesite tuff	0.005	1	6	4	1	61
1482209	L76+35N	18+12N	523229E	5400623N	3m of 40-50% QCV + 1% Py	0.008	1	75	11	1	177
1482210	L54+00E	15+75N	521599E	5397961N	Sheared Mafic Volcanic + 3% Py	0.005	1	101	25	1	153
1482211	L 17+45E	35+60N	517474E	5399464N	Felsic Flow	0.005	1	9	4	1	33
1482212	L 17+45E	35+65N	517470E	5399461N	Cherty Zone & Py	0.007	1	32	1	9	17
1482213	L16+90E	35+55N	517341E	5399439N	Orthoclase Porphyry Dike	na	na	na	na	na	na
1482214	L12+60E	38+30N	516865E	5399355N	Pink Granite	0.005	1	21	29	1	33
1482215	L 8+40E	17+40N	517832E	5397445N	Melanogabbro	na	na	na	na	na	na
1482216	L 33+05E	26+45N	519404E	5399600N	Chlorite Felsic Flow	0.005	1	14	1	22	149
1482217	L37+05E	26+90N	519580E	5399906N	Chloritic Felsic Flow	0.006	1	4	1	1	123
1482218	L 37+20E	27+05N	519584E	5399973N	Diabase (Metagabbro)	0.005	1	82	45	1	122
1482219	L 32+40E	22+50N	519447E	5399248N	Fine to Medium Gabbro used in rock quarry	na	na	na	na	na	na
1482220	L 33+55E	22+30N	519558E	5399299N	Gabbro	0.005	1	51	49	1	89
1482221	L 34+75E	22+55N	519648E	5399396N	7m zone of 50% Red Qtz + 1.5m Rusty Gabbro	0.005	1	73	9	1	33
1482222	L 28+65E	26+00N	518920E	5399319N	Felsic Flow	na	na	na	na	na	na
1482223	L 38E	22+50N	519884E	5399563N	Gabbro	0.005	1	73	37	1	102
1482224	L50+72E	28+42N	520676E	5400823N	Andesite Flow	0.005	1	14	4	1	42
1482225	L50+65E	28+37N	520665E	5400836N	Mafic Dike	na	na	na	na	na	na
1482226	L50+80E	29+35N	520567E	5400002N	Gabbro	0.005	1	14	39	1	96
1482227	L 39+62E	17+73N	520338E	5399278N	1m (N-S) chip of 4" QCV in pillow basalts	0.007	1	5	3	1	5
1482228	L 39+60E	17+74N	520338E	5399278N	1m (E-W) chip of sheared basalt + 50%QV	0.032	1	33	4	1	1
1482229	L 38+95E	17+45N	520232E	5399194N	80% quartz in basalt	0.006	1	4	5	1	4
1482230	L 39+30E	17+70N	520254E	5399221N	Quartz Vein with Ankerite	0.005	1	3	3	1	4
1482231	L 38+95E	17+45N	520232E	5399194N	80% quartz in basalt	**0.107**	1	**180**	5	1	1
1482232	L 38+08E	17+40N	520209E	5399181N	>80% quartz and chlorite schist	0.005	1	6	4	1	1
1482233	L 37+75E	17+40N	520172E	5399159N	Quartz, chlorite, Py	**0.149**	1	7	14	1	12
1482234	L 40+30E	17+58N	520390E	5399300N	Mafic Volcanics with Quartz Vein & Py	0.015	1	17	6	1	52
1482235	L 40+26E	17+12N	520426E	5399276N	Altered Calc-Ank-Chl Andesite	0.005	1	3	4	1	18

1482236	L 40+28E	17+14N	520411E	5399285N	Shear Felsic Tuff	0.005	1	4	5	1	20
1482237	L 8+55E	15+20N	517912E	5397262N	Med gabbro with 10cm shear containing 2% pyrite	0.005	1	13	3	1	177
1482238	L 8+08E	15+75N	517869E	5397301N	Massive Basalt & Py	0.005	1	26	2	1	151
1482239	L 7+60E	16+25N	517800E	5397308N	Mafic Flow + Po	0.005	1	56	4	1	150
1482240	L 8E	17+00N	517790E	5397402N	Mafic Flow shear with 1% Py-Po	0.005	1	7	1	1	139
1482241	L 7+70E	17+70N	517740E	5397430N	Felsic Flow	0.005	1	16	3	1	141
1482242	L 6E	16+90N	517629E	5397285N	Felsic Flow	na	na	na	na	na	na
1482243	L 6E	16+55N	517647E	5397268N	Gabbro	0.009	1	17	1	1	175
1482244	L 5+90E	15+90N	517681E	5397218N	Shear Gabbro & Py	0.005	1	11	3	1	78
1482245	L 4+80E	16+40N	517601E	5397187N	Felsic Flow	0.005	1	17	2	1	71
1482246	L 3+35E	18+20N	517287E	5397356N	Felsic Flow	0.005	1	4	4	1	52
1482247	L12+05E,	16+35N	518201E	5397509N	Felsic Dike	na	na	na	na	na	na
1482248	L 11+25E	16+50N	518126E	5397459N	Felsic Flow & Py-Po	0.005	1	7	4	1	73
1482249	L 11+75E	16+65N	518153E	5397537N	Shear Felsic Flow	0.005	1	9	2	1	129
1482250	L 12+70E	16+50N	518255E	5397602N	Shear Felsic Flow	na	na	na	na	na	na
1482251	L 14+15E	20+25N	518103E	5398016N	Felsic Flow	na	na	na	na	na	na
1482252	L 13+90E	19+70N	518101E	5397968N	Felsic Flow & Py/Po	0.005	1	86	2	1	121
1482253	L 13+80E	18+85N	518080E	5397950N	Felsic Flow	na	na	na	na	na	na
1482254	L 14+95E	18+80N	518204E	5397959N	Shear Felsic Flow	0.027	1	13	3	1	192
1482255	L 15+10E	18+80N	518207E	5397956N	Sheared Felsic Flow & Quartz Ankerite Vein	0.015	1	7	3	1	138
1482256	L 15+25E	19+00N	518228E	5397988N	Felsic Flow	na	na	na	na	na	na
1482257	L 14E	16+45N	518293E	5397715N	Felsic Flow	0.005	1	54	36	1	135
1482258	L 13+35E	15+85N	518293E	5397645N	Felsic Flow	na	na	na	na	na	na
1482259	L 14E	14+60N	518391E	5397551N	Chlorite Basalt	0.005	1	2	2	1	195
1482260	L 13+95E	11+55N	518571E	5397303N	Chlorite Felsic Flow & Py	0.007	1	88	32	1	128
1482261	L 13+95E	11+10N	518605E	5397248N	Felsic Flow	na	na	na	na	na	na
1482262	L 16E	10+50N	518814E	5397237N	Grey Granite	0.005	1	3	2	1	24
1482263	L 15+90E	17+50N	518392E	5397918N	Chlorite Actinolite Altered Gabbro	0.005	1	21	<1	1	119
1482264	L 16E	11+25N	518762E	5397401N	Felsite Dike	0.005	1	4	2	1	1
1482265	L 16E	12+00N	518724E	5397457N	Andesitic Flow	0.006	1	38	42	1	98
1482266	L 16E	17+85N	518372E	5397932N	Granodiorite	na	na	na	na	na	na
1482267	L 16E	18+05N	518361E	5397967N	Shear Mafic Flow	0.005	1	3	2	1	110
1482268	L 16E	13+90N	518629E	5397602N	Gabbro	0.005	1	43	48	1	106
1482269	L 16+15E	14+13N	518607E	5397267N	Gabbro with Quartz	0.005	1	14	55	1	142
1482270	L 18E	14+97N	518716E	5397833N	Gabbro	na	na	na	na	na	na
1482271	L 18E	14+50N	518769E	5397803N	Gabbro	na	na	na	na	na	na
1482272	L 18+45E	12+75N	518717E	5397797N	Basalt	na	na	na	na	na	na
1482273	L 18E	12+50N	518859E	5397608N	Gabbro and Py	0.007	1	33	46	1	135
1482274	L 18+20E	12+40N	518893E	5397617N	Sheared Carbonate Altered Gabbro	0.005	1	3	6	1	9
1482275	L 18E	12+00N	518888E	5397570N	Felsic Flow & Py	0.023	1	45	29	3	65
1482276	L18+20E	12+50N	518893E	5397590N	Carbonate Altered Gabbro-	0.005	1	3	16	1	28
1482277	L17+90E	11+35N	518926E	5397503N	Granodiorite	na	na	na	na	na	na

1482278	L 18E	9+75N	519044E	5397345N	Hybrid-Granite in Gabbro	na	na	na	na	na	na
1482279	L18+10E	10+30N	519004E	5397420N	Felsic Flow	0.005	1	3	3	1	42
1482280	L 17E	20+00N	518340E	5398185N	Sheared Basalt	0.006	1	**174**	3	3	**265**
1482281	L 17E	20+00N	518337E	5398188N	Sheared Basalt & Py	0.005	1	**174**	3	5	**480**
1482282	L 16E	21+40N	518163E	5398222N	Felsic Flow	0.005	1	16	3	1	**505**
1482283	L 16E	21+10N	518196E	5398206N	Felsic Flow	na	na	na	na	na	na
1482284	L 16E	20+45N	518244E	5398144N	Felsic Flow & Py	0.006	1	5	1	1	87
1482285	L 16E	19+60N	518235E	5398092N	Sheared Altered Felsic Flow	0.005	1	16	2	1	163
1482286	L 16E	19+00N	518344E	5398023N	Felsic to Intermediate Flow	na	na	na	na	na	na
1482287	L 16E	18+75N	518315E	5398021N	Weakly Sheared Basalt	na	na	na	na	na	na
1482288	L 18E	17+40N	518575E	5398000N	Gabbro	0.005	1	3	4	1	96
1482289	L 17+75E	20+00N	518406E	5398220N	Gabbro/Basalt	0.005	1	10	2	1	**226**
1482290	L 18E	20+50N	518397E	5398263N	Andesite/Dacite Flow & Py	0.005	1	29	3	1	174
1482291	L 17+90E	20+65N	518345E	5398285N	Felsic Flow	na	na	na	na	na	na
1482292	L 18E	21+02N	518357E	5398310N	Shear Felsic Flow & Py	**0.113**	1	26	3	3	81
1482293	L 20E	14+75N	518891E	5397915N	Altered Chlorite Basalt	0.005	1	4	9	1	**212**
1482294	L 20E	14+45N	518909E	5397892N	Chlorite Schist Basalt	na	na	na	na	na	na
1482295	L20+55E	14+20N	518968E	5397899N	Chloritic Felsic Flow	0.005	1	2	9	1	24
1482296	L 20E	13+30N	518978E	5397790N	Sheared Felsic Flow / Sericite Schist	0.005	1	4	6	1	17
1482297	L19+90E	10+45N	519116E	5397574N	Felsic Dike	na	na	na	na	na	na
1482298	L 20E	12+90N	518992E	5397765N	Chlorite +/-Actinolite Altered Basalt	0.005	1	12	37	1	128
1482299	L20+40E	11+37N	519114E	5397651N	Sheared Felsic Flow	0.005	1	3	3	1	41
1482300	L22+20E	10+40N	519277E	5397688N	Grey Granite	na	na	na	na	na	na
1482301	L 22E	11+65N	519229E	5397768N	Shear Felsic Flow	0.005	1	2	1	1	63
1482302	L 22E	12+20N	519195E	5397821N	Felsic Flow	0.005	1	3	2	1	44
1482303	L21+75E	14+00N	519073E	5397959N	Shear Altered Felsic Flow	0.005	1	4	5	1	25
1482304	L 20E	21+40N	518508E	5398408N	Shear Basalt/Gabbro + 3% oxide / sulfides	0.005	1	**204**	24	1	123
1482305	L 21+10E	20+10N	518667E	5398413N	Felsic Flow	na	na	na	na	na	na
1482306	L 22E	19+00N	518805E	5398382N	Shear Basalt	0.005	1	3	2	1	100
1482307	L 22E	20+05N	518758E	5398462N	Felsic Flow	na	na	na	na	na	na
1482308	L 22E	20+45N	518731E	5398514N	Felsic Flow	0.005	1	5	2	1	41
1482309	L 24E	14+55N	517237E	5398134N	Andesite (Dike)	na	na	na	na	na	na
1482310	L23+90E	14+55N	519229E	5398126N	Sheared Andesite	**0.142**	1	109	35	1	103
1482311	L 14E	13+30N	519302E	5398207N	Felsic Flow	na	na	na	na	na	na
1482312	L23+40E	12+40N	519267E	5397968N	Sheared Felsic Flow	0.005	1	3	3	1	28
1482313	L23+30E	12+10N	519291E	5397956N	Grey Granite	na	na	na	na	na	na
1482314	L24+60E	11+30N	519395E	5397983N	Pink Granite (Dike)	na	na	na	na	na	na
1482315	L25+20E	10+85N	519456E	5397995N	Altered Felsic Flow	0.005	1	3	2	1	5
1482316	L 26E	11+40N	519516E	5398083N	Altered Felsic Flow	na	na	na	na	na	na
1482317	L 24E	20+77N	518879E	5398640N	Shear Basalt & Py	0.005	1	16	2	1	94
1482318	L24+40E	20+65N	518907E	5398657N	Shear Basalt & Py	0.005	1	32	2	1	176
1482319	L 26E	21+90N	519005E	5398875N	Weakly Sheared Felsic Flow	na	na	na	na	na	na
1482320	L25+40E	21+80N	518921E	5398828N	Felsic Flow & Py	0.005	1	11	2	1	134

1482321	L26+55E	22+75N	518948E	5398941N	Andesite Flow	na	na	na	na	na	na
1482322	L 28E	26+50N	518901E	5399315N	Felsic Flow	na	na	na	na	na	na
1482323	L 28E	25+75N	518900E	5399282N	Altered Felsic Flow	0.005	1	35	7	1	83
1482324	L 27E	23+50N	518993E	5398978N	Felsic Flow	0.005	1	7	3	1	61
1482325	L28+55E	18+80N	519368E	5398722N	Felsic Flow & Py	0.005	1	113	60	1	129
1482326	L26+80E	11+00N	519685E	5397994N	Grey Granite	na	na	na	na	na	na
1482327	L27+10E	11+55N	519676E	5398066N	Felsic Flow	na	na	na	na	na	na
1482328	L 28E	11+35N	519745E	5398090N	Pink Granite	na	na	na	na	na	na
1482329	L 28E	10+85N	519746E	5398033N	Feldspar to Quartz (Dike)	na	na	na	na	na	na
1482330	L 28E	10+45N	519822E	5398030N	Chlorite Felsic Tuff	0.005	1	4	2	1	115
1482331	L28+85E	9+40N	519910E	5397988N	Felsic Flow	na	na	na	na	na	na
1482332	L29+60E	8+80N	519979E	5397981N	Sheared Altered Felsic Flow	0.005	1	3	3	1	48
1482333	L 30E	9+95N	519973E	5398099N	Altered Grey Granite	0.005	1	4	2	1	37
1482334	L 30E	10+67N	519948E	5398129N	Sheared Felsic Flow	0.005	1	3	3	1	156
1482335	L 30E	13+29N	519805E	5398394N	Weakly Altered Felsic Dike	na	na	na	na	na	na
1482336	L 30E	16+20N	519604E	5398626N	Sheared Altered Felsic Volcanic	0.005	1	2	15	1	19
1482337	L 30E	16+45N	519587E	5398640N	Chlorite Felsic Volcanics & Mgt - Py	0.005	1	25	42	1	104
1482338	L 30E	11+35N	519903E	5398214N	Grey Granite (Dike)	na	na	na	na	na	na
1482339	L 30E	25+25N	519092E	5399369N	Weakly Altered Felsic Flow	na	na	na	na	na	na
1482340	L 32E	17+50N	519711E	5398827N	Altered Felsic Flow	0.005	1	2	2	1	26
1482341	L 32E	17+10N	519729E	5398795N	Altered Felsic Flow	na	na	na	na	na	na
1482342	L 32E	17+30N	519720E	5398816N	3m of >30% Qtz -Carb Zone in sheared felsic flow	0.005	1	4	5	1	46
1482343	L 32+26E	16+57N	519792E	5398767N	Silica Altered Andesite & Py	0.005	1	11	5	1	12
1482344	L 31+75E	16+37N	519756E	5398722N	Altered Andesite & QCV	0.005	1	2	5	1	3
1482345	L 32E	15+40N	519827E	5398659N	Chlorite Altered Felsic Flow	na	na	na	na	na	na
1482346	L 32E	14+70N	519868E	5398597N	Andesite	na	na	na	na	na	na
1482347	L 32E	14+35N	519891E	5398586N	Grey Granite	na	na	na	na	na	na
1482348	L 32E	11+00N	520058E	5398353N	Grey Granite	0.005	1	5	3	1	12
1482349	L33+10E	13+10N	520043E	5398488N	Grey Granite	na	na	na	na	na	na
1482350	L 34E	15+40N	520039E	5398706N	Andesite & Py	0.005	1	41	51	1	127
1482351	L 34E	15+25N	520002E	5398765N	Altered Andesite	na	na	na	na	na	na
1482352	L 34E	23+65N	519536E	5399421N	Gabbro	na	na	na	na	na	na
1482353	L 36E	17+70N	520010E	5399051N	Chlorite Altered Basalt	0.005	1	10	3	1	44
1482354	L 36E	16+48N	520106E	5398976N	Chlorite Altered Basalt	na	na	na	na	na	na
1482355	L 36E	15+85N	520138E/	5398922N	Sheared Altered Basalt	0.005	1	2	42	1	64
1482356	L 36E	14+60N	520224E	5398844N	Felsic Flow & Py	0.005	1	55	34	1	121
1482357	L36+70E	14+20N	520295E	5398822N	Felsic Flow	na	na	na	na	na	na
1482358	L36+70E	14+12N	520295E	5398818N	Feldspar and Quartz	na	na	na	na	na	na
1482359	L 38E	13+50N	520432E	5398853N	Grey Granite	0.005	1	4	3	1	41
1482360	L38+10E	14+20N	520403E	5398909N	Felsic Flow and Garnet	0.005	1	3	2	1	46
1482361	L 38E	14+49N	520387E	5398925N	Melanogabbro	na	na	na	na	na	na
1482362	L 38E	16+00N	520353E	5398954N	Felsic Flow & Py	0.005	1	65	22	1	109
1482363	L 38E	17+80N	520284E	5399058N	Altered Granite	0.005	1	7	7	1	6

1482364	L 38E	16+48N	520279E	5399075N	Shear Felsic & Py	0.005	1	70	39	1	68
1482365	L 37+70E	17+25N	520210E	5399139N	Altered Felsic Flow	0.005	1	4	3	1	46
1482366	L 38E	17+80N	520164E	5399328N	Altered Chloritic Basalt	0.009	1	2	3	1	47
1482367	L 3+85E	20+50N	517231E	5397462N	Felsic Flow	na	na	na	na	na	na
1482368	L3+95E	22+08N	517151E	5397583N	Felsic Flow	0.005	1	13	2	5	99
1482369	L 4E	23+95N	517051E	5397744N	Felsic Flow.	0.005	1	47	30	1	117
1482370	L 4E	25+40N	516949E	5397876N	Felsic Flow	na	na	na	na	na	na
1482371	L 4E	26+25N	516922E	5397917N	Andesite Flow	0.052	1	17	48	1	85
1482372	L 4E	26+98N	516873E	5397968N	Grey Granite	na	na	na	na	na	na
1482373	L 4E	26+98N	516873E	5397967N	Basalt	na	na	na	na	na	na
1482374	L 3+40E	26+35N	516872E	5397907N	Kspar-Qtz-Biot-Plag Pegmatite Dike	0.005	1	4	10	1	1
1482375	L 2+27E	25+15N	516865E	5397719N	Felsic Flow	na	na	na	na	na	na
1482376	L 2E	24+30N	516868E	5397764N	Felsic Flow	0.005	1	50	3	1	33
1482377	L 2+20E	21+90N	517013E	5397456N	Aplite	0.011	1	25	2	1	18
1482378	L 1+90E	21+85N	517010E	5397443N	Chert and Magnetite	0.005	1	13	6	1	25
1482379	L 2E	21+30N	517043E	5397418N	Felsic Flow & Py	0.005	1	14	2	1	105
1482380	L40+20E	18+50N	520317E	5399397N	Felsic Flow	na	na	na	na	na	na
1482381	L39+80E	18+50N	520289E	5399385N	Chlorite/Shear Basalt	na	na	na	na	na	na
1482382	L 40E	18+20N	520320E	5399345N	Weak Altered Felsic Flow	0.005	1	3	4	1	137
1482383	L 40E	17+80N	520343E	5399332N	Carbonate Altered Basalt	0.005	1	3	2	1	32
1482384	L 39+47E	17+73N	520325E	5399273N	1m chip of >20% Ank-Calc-Chl Altered Basalt	0.005	1	4	4	1	22
1482385	L 39+50E	17+73N	520325E	5399275N	3 QV in Ank-Chl-Calc alt basalt	0.005	1	8	3	1	13
1482386	L 39+59E	17+62N	520339E	5399275N	0.8m chip of 20% Chl-Ank with QV-Py	**0.307**	1	22	3	1	11
1482387	L40+20E	16+90N	520435E	5399243N	Shear/Chlorite Basalt	0.005	1	123	26	1	351
1482388	L 40E	15+00N	520413E	5399129N	Basalt	0.005	1	2	55	1	58
1482389	L 40E	13+69N	520602E	5398964N	Grey to Pink Granite	0.005	1	3	3	1	40
1482390	L 42E	16+25N	520595E	5399291N	Chlorite Basalt & Py +/- Cpy	0.005	1	**486**	27	1	100
1482391	L 42E	17+90N	520531E	5399403N	Altered Andesite-Felsic Flow& Py	0.005	1	8	5	1	45
1482392	L39+60E	17+80N	520339E	5399275N	Resample- Thompson West, East End REP	na	na	na	na	na	na
1482393	L39+60E	17+80N	520325E	5399273N	Resample-Thompson West, West End REP	na	na	na	na	na	na
1482394	L 6E	20+62N	517353E	5397575N	Felsic Flow	0.013	2	105	**296**	1	64
1482395	L 6E	23+32N	517262E	5397822N	Altered Andesite & Po/Py	0.005	1	64	14	1	36
1482396	L 5+71E	23+40N	517225E	5397803N	Altered Andesite Flow & Py-Po	0.005	1	24	74	1	98
1482397	L 6E	26+52N	517078E	5398084N	Sheared Felsic Flow & Py	0.005	3	37	6	8	28
1482398	L 5 +75E	28+75N	516923E	5398267N	Aplites in Granite	na	na	na	na	na	na
1482399	L 8E	29+50N	517067E	5398400N	Gabbro	0.005	1	41	20	1	138
1482400	L 8E	18+55N	517117E	5398331N	Sheared Felsic Flow & Py	0.005	1	24	19	1	163
1482401	L 8+45E	23+23N	517441E	5397883N	Felsic Flow	na	na	na	na	na	na
1482402	L 8E	21+50N	517537E	5397793N	Felsic Flow	0.005	1	6	22	1	**322**
1482403	L33+75E	23+20N	519533E	5399377N	Feldspar Dike	0.005	1	60	19	1	71

1482404	L34+75E	22+60N	519647E	5399387N	0.5m chip at orange quartz	0.005	1	**258**	50	1	63
1482405	L34+70E	22+55N	519648E	5399387N	0.7m chip of orangy-white quartz	0.014	1	173	64	3	33
1482406	L 20N	8+75N	517768E	5397789N	Gabbro	0.007	1	76	45	1	116
1482407	L 10E	19+32N	517807E	5397708N	Felsic Flow	0.005	1	3	51	1	72
1482408	L 10E	21+60N	517337E	5397759N	Felsic Flow	0.006	1	2	22	1	150
1482409	L 10E	23+70N	517534E	5398063N	Andesite Flow & Py	0.005	1	26	77	1	117
1482410	L 10E	22+65N	517609E	5397991N	Felsic Flow and QV	na	na	na	na	na	na
1482411	L 10E	25+42N	517445E	5398224N	Basalt & Py	0.005	1	37	41	1	114
1482412	L 10E	26+00N	517418N	5398262N	Felsic Flow/Rhyolite	na	na	na	na	na	na
1482413	L 12E	24+90N	517658E	5398268N	Felsic Flow	na	na	na	na	na	na
1482414	L 12E	22+25N	517802E	5398056N	Felsic Flow	0.005	1	2	24	1	98
1482415	L 9E	35+20N	516863E	5398910N	Pink Granite	0.005	1	9	66	7	64
1482416	L 8E	12+25N	516917E	5398620N	Felsic Flow	0.005	1	6	23	1	18
1482417	L 8E	31+62N	516953E	5398572N	Felsic Flow	na	na	na	na	na	na
1482418	L 8+10E	31+25N	516988E	5398541N	Pink Granite	na	na	na	na	na	na
1482419	L 8E	29+15N	517047E	5398440N	Medium Gabbro + 1% Cpy-Py	0.005	1	5	19	1	59
1482420	L 9E	28+50N	517204E	5398392N	Sheared Felsic Flow & Py	0.005	1	86	131	1	139
1482421	L 10E	28+07N	517284E	5398429N	Felsic Flow	0.005	1	13	29	1	150
1482422	L 10E	28+60N	517262E	5398481N	Basalt	0.005	1	10	168	1	72
1482423	L 10E	29+40N	517218E	5398534N	Altered Andesite	0.005	1	10	57	1	68
1482424	L 10E	29+80N	517199E	5398576N	Gabbro & Py/Cpy	0.005	1	5	15	1	104
1482425	L 10E	30+95N	517141E	5398667N	Banded Felsic Flow	na	na	na	na	na	na
1482426	L 9+70E	32+30N	517042E	5398764N	Felsic Flow	na	na	na	na	na	na
1482427	L 10+07E	35+50N	516881E	5399023N	Pink Granite	0.005	1	23	55	5	52
1482428	L 22E	27+10N	518459E	5398832N	Felsic Flow	0.005	1	3	39	1	105
1482429	L22+20E	28+15N	518261E	5399114N	Felsic Flow	0.005	1	5	22	1	105
1482430	L 22E	29+70N	518167E	5399224N	Basalt	na	na	na	na	na	na
1482431	L 22E	30+10N	518169E	5399276N	Siliceous Basalt & Py	0.005	1	19	22	11	181
1482432	L 22E	30+85N	518115E	5399338N	Andesite Flow	na	na	na	na	na	na
1482433	L 24E	27+20N	518564E	5399083N	Felsic Flow	na	na	na	na	na	na
1482434	L 26E	25+30N	518733E	5399149N	Felsic Flow	na	na	na	na	na	na
1482435	L34+40E	23+75N	519563E	5399458N	shear chl-calc alt gabbro	0.005	1	56	29	9	123
1482436	L34+50E	23+72N	519566E	5399451N	5cm QV in sheared gabbro	0.005	1	20	32	1	104
1482437	L34+60E	23+55N	519576E	5399454N	0.5m shear of calc-chl alt gabbro	0.005	1	21	28	1	53
1482438	L34+70E	23+50N	519590E	5399451N	folded qtz-tourm-calc-chl vein in gabbro	0.005	1	5	71	1	131
1482439	L34+80E	23+47N	519957E	5399454N	pegmatite gabbro with 2% Po	0.005	1	42	25	2	51
1482440	L34+95E	23+22N	519630E	5399453N	sheared gabbro with chl-calc	0.005	1	4	47	1	96
1482441	L35+15E	22+90N	519649E	5399438N	0.3m chip - 10" QV + 2"gabbro with 1% Py-Cpy	0.087	1	**1466**	23	1	1
1482442	L34+50E	22+47N	519589E	5399436N	Pegmatite gabbro	0.005	1	64	10	1	33
1482443	L34+55E	22+45N	519588E	5399436N	Silicified gabbro	0.005	1	27	7	1	4
1482444	L 24E	30+18N	518308E	5399447N	Felsic Flow	na	na	na	na	na	na
1482445	L22+60E	31+80N	518094E	5399459N	Gabbro	0.005	1	1	38	1	141
1482446	L22+40E	31+65N	518097E	5399444N	Sheared Gabbro	0.005	1	26	44	1	147

1482447	L21+90E	31+40N	518095E	5399400N	Felsic Flow	na	na	na	na	na	na
1482448	L 14E	34+40N	517251E	5399191N	"Cooked" Pink Granite	na	na	na	na	na	na
1482449	L13+80E	34+25N	517257E	5399147N	Flow Banded Rhyolite	na	na	na	na	na	na
1482450	L 14E	32+50N	517401E	5399024N	Felsic Flow	0.010	2	45	53	18	84
1482451	L 14+10E	30+80N	517491E	5398879N	Gabbro	0.005	1	17	42	20	107
1482452	L14+30E	30+60N	517523E	5398855N	Granophyre	0.005	1	28	82	13	99
1482453	L 14E	28+75N	517595E	5398696N	Basalt	0.005	1	23	88	16	92
1482454	L 14E	27+70N	517653E	5398613N	Felsic Flow	na	na	na	na	na	na
1482455	L13+15E	25+70N	517715E	5398403N	Felsic Flow	0.005	2	35	140	16	14
1482456	L 13E	25+90N	517654E	5398413N	Felsic Flow	0.005	1	64	81	14	35
1482457	L 12E	27+15N	517532E	5398437N	Andesite & Py	na	na	na	na	na	na
1482458	L 12E	28+60N	517450E	5398558N	Gabbro (Andesite)	0.005	1	17	118	13	79
1482459	L 12E	32+55N	517202E	5398897N	Felsic Flow	0.005	1	22	81	12	44
1482460	L17+90E	36+20N	517482E	5399555N	Altered Rusty Felsic Flow	0.005	1	13	69	8	30
1482461	L17+95E	35+80N	517516E	5399511N	Rusty Felsic Flow	0.005	1	13	52	13	22
1482462	L 18E	36+80N	517467E	5399591N	Altered Felsic Flow	0.005	1	10	54	19	6
1482463	L 18E	38+90N	517339E	5399768N	Foliated / gneissic Grey-Pink Granite	na	na	na	na	na	na
1482464	L 18E	39+75N	517297E	5399812N	Foliated Basalt	0.005	1	16	84	19	74
1482465	L17+65E	42+20N	517189E	5399989N	Pink Granite Dike	na	na	na	na	na	na
1482466	L16+55E	42+75N	516955E	5400011N	Foliated Basalt/Amphibolite	na	na	na	na	na	na
1482467	L 16E	37+22N	517256E	5399529N	Flow Banded Rhyolite (Felsic Flow)	na	na	na	na	na	na
1482468	L 16E	37+00N	517263E	5399520N	Basalt & Po/Py	0.005	1	47	60	11	45
1482469	L 14E	39+05N	516995E	5399550N	Basalt	na	na	na	na	na	na
1482470	L 14E	39+45E	516984E	5399575N	Basalt	na	na	na	na	na	na
1482471	L 14E	40+05N	516946E	5399628N	Pink Granite	0.005	1	5	86	39	45
1482472	L13+30E	40+35N	516867E	5399608N	Basalt & Py	0.005	1	10	69	14	40
1482473	L 18E	24+90N	518159E	5398592N	Felsic Flow	na	na	na	na	na	na
1482474	L34+50E	22+47N	519576E	5399443N	Pegmatite Gabbro	0.005	1	65	64	19	90
1482475	L 20E	35+50N	517865E	5399370N	Coarse Gabbro & Py	0.005	1	20	48	18	91
1482476	L 20E	32+20N	517885E	5399352N	Fine Grained Gabbro	0.005	1	22	71	13	136
1482477	L 20E	31+35N	517911E	5399270N	Felsic Flow	na	na	na	na	na	na
1482478	L 20+10E	29+50N	518029E	5399128N	Altered Andesite (to Dacite)	na	na	na	na	na	na
1482479	L 20E	28+40N	518088E	5399035N	Sheared Altered Felsic Flow	0.005	2	5	55	20	189
1482480	L19+65E	28+20N	518067E	5398995N	Felsic Flow	0.005	2	41	80	15	**596**
1482481	L 20E	26+95N	518177E	5398914N	Felsic Flow	na	na	na	na	na	na
1482482	L 0+50E	19+80N	517002E	5397195N	Felsic Flow	0.005	2	8	36	12	52
1482483	L 0E	20+55N	516919E	5397234N	Altered Felsic Flow	na	na	na	na	na	na
1482484	L 0E	21+75N	516844E	5397317N	Actinolite Gabbro	0.036	1	35	**226**	15	71
1482485	L 0+35E	22+30N	516845E	5397388N	Chert	0.018	2	26	38	17	37
1482486	L 0+40E	22+38N	516872E	5397474N	Gabbro	na	na	na	na	na	na
1482487	L 1+70E	24+30N	516860E	5397655N	Felsic Flow	na	na	na	na	na	na
1482488	L 1+40E	23+90N	516847E	5397557N	Gabbro	0.007	1	5	50	16	182
1482489	L 0+50E	22+50N	516876E	5397492N	Andesite (to Dacite)	na	na	na	na	na	na

1482490	L 16E	33+05N	517504E	5399186N	Felsic Flow	0.007	1	16	38	12	39
1482491	L 16E	31+82N	517513E	5399023N	Andesite/Felsic Flow Contact	0.021	1	4	63	12	62
1482492	L 16E	31+82N	517564E	5399091N	Andesite/Felsic Flow Contact	na	na	na	na	na	na
1482493	L16+25E	31+53N	517604E	5399077N	Pegmatite Gabbro & Py/Cpy	0.005	2	3	41	11	105
1482494	L 16+25E	31+40N	517613E	5399068N	Melanogabbro	0.005	1	5	63	14	109
1482495	L 16E	30+75N	517641E	5399005N	Gabbro (to Diorite)	na	na	na	na	na	na
1482496	L 16E	29+90N	517563E	5398912N	Andesite & Py/Cpy	0.008	1	41	65	14	110
1482497	L 16E	28+00N	517794E	5398776N	Altered Andesite	0.005	1	25	60	12	48
1482498	L 18E	27+75N	517980E	5398850N	Felsic Flow & Py	0.005	2	61	6	15	93
1482499	L17+70E	32+40N	517693E	5399199N	Pegmatite Gabbro	0.041	1	7	8	14	83
1482500	L 20E	36+13N	517652E	5399668N	Metamorphic Felsic Flow / Felsic Gneiss	na	na	na	na	na	na
279501	L 20E	38+65N	517498E	5399856N	Basalt Breccia	na	na	na	na	na	na
279502	L20+80E	39+50N	517521E	5399996N	Gabbro & Py	0.018	1	23	26	33	**285**
279503	L 20E	39+73N	517437E	5399966N	Felsic Flow	na	na	na	na	na	na
279504	L 22E	38+28N	517752E	5399884N	Felsic Flow	0.011	1	7	4	11	54
279505	L 22E	32+40N	518026E	5399504N	Coarse Gabbro & Po	0.009	1	6	2	23	152
279506	L 22E	32+45N	518025E	5399502N	Pegmatite Gabbro	0.006	1	6	2	16	139
279507	VOID	VOID	VOID	VOID	VOID	na	na	na	na	na	na
279508	L 22E	35+90N	517827E	5399746N	Basalt & Py-Po	0.010	1	52	107	14	81
279509	L 22E	35+55N	517841E	5399754N	Basalt & Py	0.006	1	110	52	16	65
279510	L 22E	32+75N	518013E	5399505N	Gabbro	0.009	1	25	25	15	115
279511	L 22E	32+50N	518010E	5399491N	Coarse Gabbro & Po	0.009	1	6	6	17	151
279512	L 24E	31+55N	518234E	5399536N	Basalt	0.017	1	30	72	18	78
279513	L 24E	31+67N	518232E	5399550N	Gabbro	na	na	na	na	na	na
279514	L 24E	32+25N	518190E	5399582N	Gabbro & Po	0.009	1	39	13	17	111
279515	L23+85E	32+70N	518157E	5399621N	Altered Felsic Flow	na	na	na	na	na	na
279516	L 24E	33+58N	518114E	5399702N	Felsic Flow	na	na	na	na	na	na
279517	L 24E	36+65N	517938E	5399958N	Felsic Gneiss	0.012	2	5	7	9	23
279518	L 26E	29+53N	518515E	5399477N	Basalt & Pyrite	0.008	1	87	11	19	**303**
279519	L 26E	29+88N	518479E	5399497N	Magnetic Felsic Flow	0.005	1	5	3	14	25
279520	L 26E	32+10N	518373E	5399686N	Gabbro	0.005	1	54	44	17	121
279521	L 26E,	32+25N	518376E	5399688N	Siliceous Gabbro & Py/Po	0.010	1	41	25	13	29
279522	L 26E	33+02N	518317E	5399763N	Coarse Gabbro & Py/Po	0.007	1	7	3	16	134
279523	L15+75E	24+00N	517974E	5398440N	Felsic Flow & Po	na	na	na	na	na	na

Sample Number	Location		UTM		Description	Au	Ag	Cu	Ni	Pb	Zn
	Line	North	Easting	Northing	(Assaying by ACTLABS)	ppm	ppm	ppm	ppm	ppm	ppm
279524	L39+60E	17+75N	520228E	5399795N	Chlorite-Ankerite Altered Basalt with Py	**1.461**	**2**	55	4	13	13
279525	L 30+40E	27+65N	518989E	5399560N	Sheared Felsic Flow	0.005	0.2	2	1	4	84
279526	L 30E	29+70N	518859E	5399695N	Altered Felsic Flow	0.005	0.4	1	1	5	69
279527	L 30+08E	33+55N	518645E	5400008N	Coarse Gabbro	0.005	0.2	62	13	2	107
279528	L 30E	33+90N	518569E	5400027N	Pegmatite Gabbro & Cpy	0.005	0.2	2	2	4	196
279529	L 30E	35+65N	518528E	5400166N	Altered Andesite- Dacite	na	na	na	na	na	na
279530	L 28E	33+80N	518452E	5399911N	Gabbro & Py-Po	0.005	0.2	14	1	2	165
279531	L 28E	33+25N	518506E	5399881N	Gabbro	0.005	0.2	41	25	2	83
279532	L 28E	32+90N	518508E	5399839N	Magnetic Gabbro (boulder)	na	na	na	na	na	na
279533	L 44E	11+00N	521054E	5399011N	Andalusite Bearing Felsic Flow	0.005	0.4	1	2	2	39
279534	L 44E	10+20N	521061E	5398966N	Felsic Flow	na	na	na	na	na	na
279535	L 44+50E	9+50N	521084E	5398920N	Felsic Flow	na	na	na	na	na	na
279536	L43+25E	8+70N	521105E	5398802N	Altered Felsite	0.005	0.2	1	2	2	43
279537	L42+68E	9+20N	521040E	5398792N	Altered Gabbro & Py	0.005	0.2	41	32	3	164
279538	L42+40E	9+50N	521003E	5398795N	Felsic Flow	na	na	na	na	na	na
279539	L 42E	9+90N	520954E	5398799N	Felsic Breccia	0.005	0.2	1	1	3	41
279540	L 42E	10+50N	520921E	5398883N	Quartz-Ankerite Felsic Flow	0.005	0.2	1	1	2	42
279541	L 42E	10+90N	520906E	5398906N	Andalusite Altered Felsic Flow	0.005	0.2	1	1	2	49
279542	L 42E	13+65N	520798E	5399050N	Altered Basalt & Quartz Vein	0.005	0.2	2	2	2	13
279543	L 32E	29+75N	519025E	5399819N	Felsic Flow	na	na	na	na	na	na
279544	L31+90E	31+65N	518843E	5400033N	Felsic Flow	0.005	0.4	1	1	3	76
279545	L 32E	32+38N	518822E	5400088N	Magnetic Gabbro	0.005	0.2	14	8	2	94
279546	L 32E	32+05N	518842E	5400058N	Gabbro	na	na	na	na	na	na
279547	L 34E	28+50N	519267E	5399812N	Felsic Flow / Gneiss & 1% Py	0.005	0.4	9	1	10	**244**
279548	L 34E	28+25N	519280E	5399794N	Siliceous Felsic Flow & Py	0.005	0.4	12	2	9	**300**
279549	L 36E	24+50N	519650E	5399606N	Sheared Felsic Flow	0.005	0.2	4	1	2	186
279550	L 36E	25+50N	519616E	5399722N	Altered Felsic Flow	0.008	0.2	1	1	2	107
279551	L 35E	26+29N	519542E	5399769N	Pink Granite (Dike)	na	na	na	na	na	na
279552	L 36E	28+90N	519393E	5399970N	Altered Felsic Flow & 1% Py-Po	0.005	0.2	80	47	2	**381**
279553	L 36E	31+00N	519272E	5400182N	Weakly Altered Felsic Flow	0.016	0.8	3	2	2	41
279554	L 36+10E	31+50N	519253E	5400190N	Felsic Flow	0.006	0.2	58	44	2	55
279555	L 38E	28+70N	519562E	5400060N	Felsic Flow	na	na	na	na	na	na
279556	L 38E	26+35N	519698E	5399879N	Altered Felsic Flow	0.005	0.2	5	1	2	143
279557	L 37+90E	25+50N	519729E	5399810N	Altered Felsic Flow & Py	0.005	0.2	1	1	2	102
279558	L 38E	24+57N	519805E	5399730N	Altered Felsic Flow	0.005	0.2	4	1	2	102
279559	L 32E	33+35N	518794E	5400124N	Gabbro	na	na	na	na	na	na
279560	L 31+63E	33+35N	518759E	5400110N	Gabbro	na	na	na	na	na	na
279561	L 32E	33+75N	518771E	5400155N	Coarse / Pegmatite Gabbro	0.005	0.2	4	1	2	119
279562	L 32E	35+65N	518657E	5400309N	Gabbro	0.005	0.2	27	31	2	36
279563	L32+75E	36+25N	518704E	5400376N	Felsic Flow	na	na	na	na	na	na

279564	L32+55E	35+65N	518587E	5400395N	Silica Altered Felsic Flow	0.005	0.2	18	30	2	67
279565	L 33+92E	23+34N	518970E	5400283N	Coarse Grained Gabbro	0.005	0.2	10	1	2	107
279566	L 34E	33+40N	518984E	5400217N	Gabbro	na	na	na	na	na	na
279567	L 38E	32+60N	518323E	5400404N	Gabbro	0.005	0.2	40	47	2	66
279568	L 38+78E	31+20N	519470E	5400339N	Felsic Flow	0.005	0.8	1	1	2	44
279569	L 41+80	22+70N	520053E	5399694N	Altered Felsic Flow & Py	0.005	0.2	60	18	2	90
279570	L 40E	25+97N	519891E	5399711N	Altered Felsic Flow	0.006	0.2	18	1	2	140
279571	L 40E	27+87N	519764E	5400146N	Felsic Flow & Py-Po	0.013	0.7	1	1	3	140
279572	L 40E	31+65N	5400443E	5400443N	Felsic Flow	na	na	na	na	na	na
279573	L 40E	33+20N	519463E	5400568N	Magnetic Felsic Flow	0.005	0.2	20	78	2	47
279574	L 40E	34+15N	519410E	5400641N	Silica Altered Felsic Flow	0.005	0.5	17	1	5	62
279575	L 43+80E	20+25N	520518E	5399735N	Gabbro	na	na	na	na	na	na
279576	L 44E	20+25N	520538E	5399747N	Felsic Flow	0.005	0.2	67	29	2	83
279577	L 44E	18+10N	520645E	5399581N	Altered Gabbro & Py	0.007	0.2	88	15	2	111
279278	L 44E	18+00N	520651E	5399572N	Calcite Altered Felsic Flow	na	na	na	na	na	na
279579	L 46E	18+20N	520831E	5399693N	Chlorite Gabbro	0.005	0.2	41	30	2	106
279280	L 42E	29+00N	519855E	5400348N	Felsic Flow	na	na	na	na	na	na
279281	L 42E	30+60N	519781E	5400471N	Silica Altered Felsic Flow	0.005	0.2	4	2	13	180
279582	L 42E	32+00N	519700E	5400583N	Magnetic Felsic Flow	0.007	0.6	72	1	2	78
279583	L 42E	33+75N	519606E	5400713N	Felsic Flow & Py	na	na	na	na	na	na
279584	L 44E	31+21N	519918E	5400641N	Altered Felsic Flow & Py	0.005	0.2	18	4	2	120
279585	L 46E	30+25N	520133E	5400635N	Altered Gabbro	0.005	0.2	67	90	2	106
279586	L 48E	31+25N	520281E	5400790N	Altered Gabbro	na	na	na	na	na	na
279587	L 48E	29+00N	520339E	5400178N	Altered Felsic Flow	0.005	0.2	1	1	3	38
279588	L 48E	27+50N	520417E	5400592N	Felsic Flow & Quartz Vein	0.005	0.5	1	1	3	116
279589	L 62E	19+50N	522035E	5400718N	Felsic Flow & Py	0.069	0.4	1	1	5	99
279590	L 62E	19+75N	522033E	5400737N	Carbonate Altered Felsic Flow	na	na	na	na	na	na
279591	L 56E	24+00N	521287E	5400769N	Garnet Bearing Felsic Flow	0.005	0.2	2	1	5	110
279592	L 56E	26+10N	521166E	5400913N	Felsic Flow	na	na	na	na	na	na
279593	L 56E	27+92N	521074E	5401066N	Gabbro	0.005	0.2	15	27	2	89
279594	L 56E	29+32N	521001E	5401165N	Altered Felsic Flow	0.005	0.2	48	15	2	73
279595	L 58E	28+65N	521208E	5401227N	Altered Felsic Flow	0.005	0.2	97	13	2	57
279596	L 58E	27+02N	521301E	5401100N	Felsic Flow	na	na	na	na	na	na
279597	L 58E	24+00N	521438E	5400858N	Altered Felsic Flow	0.005	0.2	57	144	2	216
279598	L 54E	28+70N	520889E	5400970N	Felsic Flow & QV	0.005	0.3	1	1	3	27
279599	L 54E	29+35N	520822E	5401051N	Gabbro	na	na	na	na	na	na
279600	L 54E	29+90N	520748E	5401095N	Altered Felsic Flow	0.005	0.8	17	1	35	39
279601	L53+90E	28+70N	520883E	5400966N	Altered Sheared Felsic Flow	na	na	na	na	na	na
279602	L 54E,	28+80N	520803E	5401103N	2m chip (N-S) of QV in Silc Alt Felsic flow	0.005	0.5	15	2	29	**595**
279603	L 54E	28+80N	520803E	5401103N	0.5m chip (E-W) of felsic flow	0.005	0.5	17	1	8	51
279604	L 62+08E	21+72N	521918E	5400907N	Felsic Flow	na	na	na	na	na	na
279605	L 62E	22+50N	521860E	5400875N	Flow Banded Felsic Flow	0.005	0.3	1	1	3	80
279606	L61+90E	25+80N	521540E	5401207N	Altered Felsic Flow	0.005	0.2	77	1	2	73

279607	L 60E	26+18N	521515E	5401140N	Magnetic Gabbro	0.005	0.2	44	17	2	87
279608	L 60E	22+40N	521738E	5400824N	Shear Felsic Flow	0.005	0.5	15	1	5	137
279609	L 50E	21+05N	520982E	5400161N	Gabbro	na	na	na	na	na	na
279610	L 50E	20+50N	521015E	5400103N	Chlorite Felsic Flow	0.005	0.2	46	28	2	59
279611	L55+80E	20+00N	521514E	5400413N	Siliceous Felsic Flow	0.005	0.2	15	4	2	18
279612	L54+25E	20+00N	521374E	5400316N	Sheared Gabbro	na	na	na	na	na	na
279613	L54+10E	20+00N	521374E	5400290N	Pyrite Bearing Gabbro	0.005	0.5	15	2	29	**595**
279614	L53+75E	20+00N	521376E	5400285N	Sheared Gabbro	na	na	na	na	na	na
279615	L55+46E	20+00N	521336E	5400264N	Altered Felsic Flow & QCV	0.005	0.5	17	1	8	51
279616	L50+73E	20+00N	521329E	5400256N	Quartz Vein	**2.560**	0.8	23	21	19	7
279617	L 53E	20+00N	521270E	5400252N	Sheared Gabbro	0.005	0.2	1	2	3	104
279618	L49+25E	20+00N	520996E	5400027N	Medium to Coarse Grained Gabbro	0.005	0.2	68	30	2	56
279619	L49+10E	20+00N	520993E	5400021N	Quartz-Calcite Veins in Felsic Flow	0.005	0.2	28	30	2	72
279620	L 53+15E	19+75N	521331E	5400231N	Quartz-Sericite Altered Felsic Flow	0.011	0.2	12	4	2	25
279621	L 53+15E	19+75N	521331E	5400231N	Altered Andesite/Dacite	0.015	0.2	19	1	2	122
279622	L 53+50E	19+05N	521379E	5400106N	Basalt	0.050	0.2	53	1	2	**202**
279623	L 53+30E	18+95N	521360E	5400165N	Altered Dacite/Andesite	0.005	0.2	1	3	2	101
279624	L52+85E	19+65N	521310E	5400212N	Altered Andesite/Dacite	0.005	0.2	1	4	2	139
279625	L 53+15E	19+75N	521331E	5400231N	Felsic Flow & QV	**2.810**	0.2	**183**	5	5	38
279626	L 53+35E	19+90N	521331E	5400254N	Altered Dacite/Andesite & Py	0.005	0.2	12	2	2	**217**
279627	L 53+45E	20+08N	521307E	5400280N	Coarse Gabbro & Py-Po	0.005	0.5	37	7	2	107
279628	L 53+15E	20+12N	521281E	5400263N	Altered Gabbro	0.005	0.2	11	2	6	**350**
272629	L 55E	20+55N	521402E	5400395N	Sheared Felsic Flow	0.005	0.2	11	2	5	100
279630	L 54+15E	20+70N	521346E	5400366N	Altered Sheared Felsic Flow	0.005	0.2	1	1	2	172
279631	L 54E	21+03N	521318E	5400390N	Basalt/Andesite & QV	0.005	0.2	1	2	2	127
279632	L54+30E	21+30N	521395E	5400441N	Felsic Flow & QV	0.020	1.2	**627**	25	7	**207**
279632	L55+85E	20+00N	521518E	5400408N	Sericite-Ankerite Altered Felsic Flow	na	na	na	na	na	na
279633	L 55+75E	20+12N	521486E	5400148N	Sheared Basalt	0.017	0.2	16	3	2	**281**
279634	L 55+15E	20+55N	521417E	5400407N	Blast Pit- Chl felsic flow + 2% Py	0.005	0.2	21	1	5	150
279635	L54+20E	20+25N	521433E	5400419N	Shear Basalt & QV	0.005	0.2	2	1	8	**286**
279636	L 55+40E	20+25N	521469E	5400396N	Basalt & QV	0.005	0.2	1	2	4	102
279637	L 55+30E	20+65N	521440E	5400427N	Magnetic Gabbro & Py-Po	0.005	0.2	130	31	3	75
279638	L54+90E	19+65N	521336E	5400392N	Shear Basalt & Pyrite	0.011	0.2	27	1	4	**213**
279639	L 51+30E	20+00N	521142E	5400141N	Felsic Flow	0.005	0.2	25	1	2	85
279640	L 50E	19+70N	521045E	5400048N	Magnetic Gabbro & Py	0.005	0.2	53	31	2	96
279641	L 50E	18+92N	5210099E	5399982N	Altered Felsic Flow & Py	0.007	0.2	56	14	2	146
279642	L 50E	18+00N	521151E	5399897N	Magnetic Gabbro & Py	0.005	0.2	53	29	3	101
279643	L 48E	18+90N	520933E	5399862N	Altered Felsic Flow	0.005	0.2	8	4	2	**287**
279644	L48+75E	15+50N	521335E	5399651N	Weak Sheared/Altered Basalt	na	na	na	na	na	na
279645	L 48E	13+60N	521236E	5399417N	Pink Granite	na	na	na	na	na	na
279646	L 48E	13+65N	521155E	5399553N	Altered Basalt & QV	0.005	0.2	1	148	2	39
279647	L 60E	16+90E	522026E	5400399N	Silica Altered Gabbro & Py	**0.285**	0.2	45	1	2	46

279648	L 60E	16+90E	522027E	5400399N	Altered Gabbro	**0.665**	0.2	25	1	2	41
279649	L59+90E	22+55N	521715E	5400856N	Quartz Vein-Carbonate Veins in Felsic Flow	0.005	0.2	1	15	4	59
279650	L 60E	22+40N	521717E	5400852N	Sheared Felsic Flow & QV	0.005	0.4	67	2	4	154
279651	L57+80E	20+75N	521661E	5400619N	Sericite Altered Felsic Flow & QV	0.005	0.2	1	1	2	83
279652	L52+60E	11+70N	521733E	5400614N	Pink Granite	na	na	na	na	na	na
279653	L53+10E	12+65N	521766E	5399713N	Basalt	0.005	0.2	1	21	3	75
279654	L52+50E	13+25N	521725E	5399753N	Sheared Basalt	na	na	na	na	na	na
279655	L 52E	13+50N	521571E	5399666N	Basalt	na	na	na	na	na	na
279656	L55+45E	10+60N	522012E	5399610N	Altered Gabbro	0.005	0.2	43	26	2	148
279657	L55+00E	12+30N	521869E	5399849N	Shear Basalt	0.005	0.2	94	26	2	170
279658	L47+82E	12+95N	521245E	5399383N	Carbonate Altered & Sheared Gabbro & Py	0.005	0.2	1	1	2	97
279659	L45+60E	10+40N	521227E	5398873N	Altered Granite	0.005	0.2	2	2	2	38
279660	L 44E	17+18N	520706E	5399502N	Highly Sheared & Altered Basalt	0.005	0.2	2	2	2	14
279661	L 44E	17+08N	520722E	5399487N	Basalt (to Andesite) & Py	na	na	na	na	na	na
279662	L 44E	14+50E	520858E	5399283N	Grey Granite	na	na	na	na	na	na
279663	L 44+48E	14+05N	520923E	5399262N	Felsic Flow	0.005	0.2	1	1	2	58
279664	L 47+75E	13+50N	521050E	5399502N	Magnetic Gabbro & Py	0.600	0.2	50	24	2	111
279665	L 46E	13+55N	521072E	5399322N	Quartzolite	0.005	0.2	1	1	2	24
279666	L 46E	15+60N	520960E	5399466N	Basalt & Py	0.005	0.2	44	24	2	**302**
279667	L54+40E	13+95N	521722E	5399932N	Shear Gabbro & Py-Po	0.010	0.2	95	72	2	137
279668	L46+15E	11+30N	521227E	5399144N	Altered Felsic Flow	0.005	0.5	1	1	2	89
279669	L 66E	14+60N	522276E	5400478N	Basalt & Py	**0.092**	0.2	7	2	2	**218**
279670	L66+35E	14+40N	522281E	5400452N	Basalt	0.005	0.2	1	38	2	58
279671	L 60E	16+90N	522032E	5400401N	Silica Altered Felsic Flow with Py-Po-Cpy	**0.084**	0.2	21	2	3	77
279672	L 60E	16+90N	522030E	5400399N	Silica Altered Felsic Flow	**0.235**	0.2	33	1	2	94
279673	L 64E	16+05N	522061E	5400442N	Weakly Altered Gabbro	0.005	0.3	1	1	3	119
279674	L 64E	19+80N	522071E	5400786N	Sheared Felsic Flow	0.005	0.2	76	38	2	95
279675	L 64E	21+20N	522073E	5400923N	Altered Felsic Flow	na	na	na	na	na	na
279676	L 63+70E	21+40N	522054E	5400934N	Weakly Sheared Felsic Flow & QV	0.005	0.2	1	1	2	9
279677	L 64E	21+50N	522062E	5400953N	Red QV in Sheared Felsic Flow	0.005	0.2	4	2	5	49
279678	L 64E	22+30N	522056E	5401020N	Weakly Sheared Siliceous Rhyolite	0.005	0.2	5	15	2	96
279679	L 64E	23+50N	522049E	5401132N	Basalt/Amphibolite	0.005	0.2	16	2	30	24
279680	L69+50E	20+00N	522615E	5400779N	Felsic Flow	0.005	0.2	2	1	2	134
279681	L69+75N	20+00N	522652E	5400801N	Altered Felsic Flow	0.005	0.2	9	1	8	73
279682	L71+00E	20+00N	522760E	5400803N	Sheared Felsic Flow	na	na	na	na	na	na
279683	L73+50E	20+00N	522968E	5400809N	Weakly Sheared Felsic Flow with Ank-Calc Alteration	0.005	0.2	1	1	6	96
279684	L74+50N	20+00N	523118E	5400815N	Felsic Flow & QV	**0.092**	**6**	**1150**	14	3	55
279685	L83+75E	20+00N	524046E	5400685N	Altered Felsic Flow	0.005	0.2	1	2	2	147
279686	L83+30E	20+00N	524007E	5400803N	Altered Felsic Flow & QV	0.015	0.2	2	1	2	117
279687	L83+15E	20+00N	523985E	5400808N	Altered Felsic Flow & QV	0.011	1	104	2	2	71

279688	L82+50E	20+00N	523911E	5400811N	Sericite Altered Sheared Felsic Flow	na	na	na	na	na	na
279689	L84+00E	20+00N	524000E	5400810N	Altered Felsic Flow & Py	0.005	0.2	27	1	2	**2260**
279690	L 64E	24+15N	522055E	5401205N	Sheared Siliceous Felsic Flow	na	na	na	na	na	na
279691	L 66E	25+20N	522269E	5401315N	Hornblende Bearing Gabbro	0.005	0.2	107	107	2	65
279692	L 66E	23+00N	522275E	5401102N	Siliceous Felsic Flow	na	na	na	na	na	na
279693	L 68E	20+95N	522472E	5400894N	Altered Gabbro	0.005	0.2	1	1	2	145
279694	L 68E	20+30N	522476E	5400837N	Felsic Flow	0.005	0.3	1	1	3	168
279695	L 70E	21+02N	522667E	5400915N	Felsic Flow with Ank - QV	0.005	0.2	1	1	4	83
279696	L 70E	22+90N	522662E	5401120N	Felsic Flow	na	na	na	na	na	na
279697	L 68E	23+45N	522478E	5401130N	Felsic Flow and Quartz Eyes	0.005	0.2	2	1	4	52
279698	L 71+80E	22+97N	522850E	5401127N	Felsic Flow	na	na	na	na	na	na
279699	L 72+10E	23+35N	522878E	5401164N	Sheared Gabbro	na	na	na	na	na	na
279700	L 72E	23+85N	522873E	5401209N	Sheared/Silica Altered Felsic Flow	0.005	0.2	13	2	4	24
279701	L 74E	23+77N	523067E	5401178N	Felsic Flow & QV	0.005	0.2	2	1	2	23
279702	L 74E	23+15N	523071E	5401145N	Altered Siliceous Felsic Flow	0.005	0.2	1	1	5	40
279703	L 74E	22+45N	523066E	5401044N	Altered/Sheared Felsic Flow	0.005	0.3	7	1	8	102
279704	L 74E	21+27N	523069E	5400909N	Felsic Flow (Rhyolite)	9.000	0.2	1	1	2	111
279705	L 74E	20+25N	523061E	5400825N	Sericite Altered Felsic Flow & Py	0.005	0.2	1	1	5	**282**
279706	L 72E	22+55N	522871E	5401083N	Sericite Altered Felsic Flow	0.005	0.2	1	1	2	20
279707	L80+65E	20+45N	523864E	5400840N	Sheared Felsic Flow	0.005	**2.0**	**208**	1	7	154
279708	L79+93E	20+65N	523792E	5400862N	Sheared Sericite Altered Felsic Flow	0.013	0.2	5	1	6	145
279709	L 80E	23+50N	523800E	5400845N	Silica Altered Felsic Flow	0.005	0.7	31	1	28	**256**
279710	L79+94E	20+75N	523793E	5400870N	Sericite Altered Felsic Flow	0.005	0.2	3	1	4	100
279711	L 82+20E	24+70N	523887E	5401321N	Sericite Altered Felsic Flow & Py	0.005	0.2	7	1	2	108
279712	L 80E	24+50N	523654E	5401242N	Altered Felsic Flow	0.005	0.2	12	1	6	47
279713	L 80E	20+25N	523671E	5400828N	Shear Altered Felsic Flow	0.005	0.2	12	1	5	**222**
279714	L 80E	19+70N	523674E	5400775N	Altered Felsic Flow	0.005	0.2	19	2	2	61
279715	L 70E	79+50N	522671E	5400756N	Altered Felsic Flow	na	na	na	na	na	na
279716	L 70E	15+90N	522670E	5400395N	Altered Felsic Flow& Py	0.008	0.4	59	1	141	**729**
279717	L 84E	20+00N	524058E	5400809N	Weakly Sheared Felsic Flow	0.017	0.2	3	1	4	123
279718	L 84E	20+70N	524059E	5400865N	Sheared Felsic Flow	0.006	0.2	1	1	2	**230**
279719	L 84E	21+55N	524067E	5400961N	Altered Gabbro	0.005	0.2	22	9	2	130
279720	L 84E	23+00N	524071E	5401118N	Sheared Felsic Flow & Py	0.005	0.4	1	3	8	83
279721	L 82E	27+05N	523869E	5401516N	Shear Altered Felsic Flow	na	na	na	na	na	na
279722	L 82E	25+18N	523871E	5401329N	Gabbro & Po	0.011	0.2	9	9	2	121
279723	L 78E	26+50N	523467E	5401425N	Sheared Gabbro	na	na	na	na	na	na
279724	L 84E	20+15N	524056E	5400822N	Weakly Sheared Felsic Flow & Py	na	na	na	na	na	na
279725	L 84E	22+15N	542056E	5401009N	Altered Felsic Flow	0.005	0.4	15	1	103	**1020**
279726	L 80E	25+25N	523676E	5401334N	Felsic Flow/Sericite Schist	0.005	0.2	1	1	10	105
279727	L 78E	24+65N	523468E	5401257N	Chlorite Altered Felsic Flow	0.005	0.2	28	23	2	92
279728	L 77+97E	23+85N	523475E	5401183N	Silica-Carbonate Altered Felsic Flow	0.009	0.2	11	1	6	28

279729	L 78+05E	22+82N	523472E	5401077N	Silica-Carbonate-Ankerite Altered Felsic Flow	0.005	0.2	1	1	5	80
279730	L 76E	22+05N	523268E	5401004N	Silica-Ankerite Altered Felsic Flow & Py	0.005	0.5	1	1	5	43
279731	L 76+10E	22+85N	523275E	5401079N	Shear/Altered Felsic Flow	0.006	0.2	9	1	3	47
279732	L 76E	23+80N	523265E	5401171N	Andesite/Dacite Altered Felsic Flow & Py	0.030	1.1	**976**	5	12	75
279733	L 76+07E	24+73N	523282E	5401270N	Sericite-Carbonate Altered Felsic Flow	0.005	0.2	3	1	3	9
279734	L 76E	25+93N	523075E	5401390N	Gabbro & Py	0.005	0.2	74	19	2	93
279735	L 40E	11+75N	520695E	5398857N	Felsic Intrusive/Granite	na	na	na	na	na	na
279736	L 40E	11+75N	520677E	5398835N	Grey Granite	0.005	0.2	1	1	2	28
279737	L 40E	11+50N	520706E	5398831N	Chlorite-Ankerite-Silica-Sericite Altered Felsic	0.042	0.2	1	1	2	86
279738	L 66E	27+25N	522263E	5401531N	Granite Dikes in Chlorite Basalt	na	na	na	na	na	na
279739	L40+35E	11+10N	520706E	5398831N	Shear Altered Felsic Flow	0.005	0.2	1	6	2	46
279740	L 42E	10+75N	520958E	5398803N	Altered Felsic Flow	0.005	0.2	1	1	2	41
279741	L 66E	27+50N	522266E	5401559N	Chlorite Rhyolite/Felsic Flow	0.005	0.2	2	41	2	84
279742	L66+40E	29+60N	522275E	5401609N	Chlorite Rhyolite/Felsic Flow	0.005	0.2	72	102	2	83
279743					VOID	na	na	na	na	na	na
279744	L 68E	31+07N	522475E	5401916N	Shear (Calcite Altered) Basalt	0.600	0.2	1	65	2	52
279745	L 68E	31+65N	522471E	5401985N	Silica-Chlorite Altered Felsic Flow	0.005	0.2	8	41	2	62
279746	L 66E	33+70N	522279E	5402172N	Altered Felsic Flow & Py	0.005	0.2	6	1	2	65
279747	L 66E	34+00N	522273E	5402202N	Chlorite-Biotite Altered Basalt	0.005	0.2	57	18	2	99
279748	L 64E	31+75N	522049E	5401944N	Chlorite Altered Gabbro	na	na	na	na	na	na
279749	L69+00E	28+80N	522580E	5401598N	Altered Felsic	na	na	na	na	na	na
279750	L68+75E	29+00N	522496E	5401578N	Shear Gabbro/Shear Basalt & Py	na	na	na	na	na	na
279751	L 68E	27+45N	522446E	5401544N	Felsic Flow and Quartz Flood	0.005	0.2	21	1	4	31
279752	L 68E	28+30N	522473E	5401653N	Altered Felsic Flow	0.005	0.2	109	100	2	63
279753	L 72E	27+18N	522875E	5401524N	Altered Felsic Flow	0.008	0.2	103	82	2	57
279754	L67+25E	27+20N	522412E	5401444N	Weakly Altered Felsic Flow	0.005	0.2	6	1	4	75
279755	L 78E	29+95N	523464E	5401662N	Altered Hornblende Gabbro	na	na	na	na	na	na
279756	L 80E	34+25N	523870E	5402329N	Biotite Altered Felsic Flow	6.000	0.2	141	12	2	48
279757	L 80E	33+25N	523660E	5402110N	Sericite Altered Felsic Flow	0.005	0.2	68	22	2	23
279758	L 80E	32+00N	523676E	5401999N	Chlorite-Calcite Altered Basalt	na	na	na	na	na	na
279759	L 80E	31+50N	523671E	5401949N	Chlorite Gabbro & Py	0.011	0.2	164	58	2	69
279760	L 76E	30+35N	523276E	5401822N	QCV (recrystallized) + tr Po in felsic volcanic	0.005	0.2	27	1	16	130
279761	L 76E	31+00N	523268E	5401874N	Altered Felsic Tuff	na	na	na	na	na	na
279762	L 76E	32+50N	523271E	5402035N	Altered Felsic Flow	0.005	0.2	32	65	2	91
279763	L 78E,	34+50N	523474E	5402191N	Mica Altered Felsic Flow	0.005	0.2	62	29	2	35
279764	L 78E	33+15N	523475E	5402143N	Altered Felsic Flow	0.005	0.2	89	20	2	31
279765	L 78E	33+25N	523475E	5402153N	Quartz Bearing Foliated Felsic Flow & Py-Po	0.008	0.2	**289**	63	2	49
279766	L 78+25E	26+30N	523467E	5401822N	Altered Felsic Flow	0.005	0.2	1	1	2	58
279767	L 76E	17+52N	523269E	5400351N	Sheared Gabbro	0.005	0.2	116	112	5	108

279768	L 76E	14+90N	523271E	5400286N	Altered Felsic Tuff	0.005	0.2	6	1	2	107
279769	L 76E	14+00N	523271E	5400188N	Chlorite-Carbonate Altered Gabbro & Py	0.005	0.2	30	40	5	145
279770	L 76E	12+10N	523278E	5400008N	Altered Felsic Flow	0.005	0.2	1	1	2	23
279771	L 78E	11+90N	523740E	5399975N	Altered Felsic Flow/Tuff	0.005	0.2	14	2	2	77
279772	L 78E	14+00N	523474E	5400193N	Altered Felsic Flow	0.005	0.3	< 1	1	2	19
279773	L 78E	15+90N	523471E	5400372N	Altered Felsic Flow	0.005	0.2	11	1	3	130
279774	L73+70E	11+55N	523003E	5399922N	Altered Felsic Flow	0.005	0.2	9	4	2	21
279775	L 72E	11+00N	522870E	5399920N	Grey Granite	na	na	na	na	na	na
279776	L 72E	11+10N	522862E	5400010N	Sericite Altered Felsic	na	na	na	na	na	na
279777	L 72E	13+50N	522863E	5400172N	Altered Basalt	0.005	0.2	51	17	4	94
279778	L 74E	14+20N	523060E	5400221N	Altered Felsic Flow	0.005	0.2	10	1	2	**210**
279779	L 74E	13+25N	523067E	5400138N	Gabbro & Py	na	na	na	na	na	na
279780	L 74E	9+50N	523063E	5399771N	Pegmatoidal Gabbro	0.005	0.2	41	14	2	63
279781	L 82E	19+30N	523862E	5400734N	Altered Rhyolite-Dacite & Py	0.005	0.2	6	1	3	143
279782	L 82E	18+93N	523866E	5400700N	Altered Basalt	0.006	1.4	197	1	31	118
279783	L 81+90E	18+45N	523847E	5400637N	Altered Dacite/Felsic Flow	0.005	0.2	4	1	6	76
279784	L 82E	17+52N	523874E	5400556N	Altered Felsic Flow/Dacite	0.005	0.2	20	86	2	86
279785	L 84E	16+45N	524042E	5400437N	Altered Felsic Flow/Dacite	0.005	0.2	16	1	19	138
279786	L 84E	17+80N	524048E	5400588N	Altered Felsic Flow	0.005	0.2	6	1	4	**247**
279787	L53+15E	19+75N	521386E	5400233N	Tr 3 - 1m chip of Silica-Sericite Altered Felsic Flow	0.005	0.2	12	2	2	14
279788	L53+15E	19+75N	521386E	5400234N	Tr 3- 0.5m chip of Chlorite-Biotite Altered Felsic Flow	0.005	0.2	9	1	4	127
279789	L53+35E	19+90N	521323E	5400260N	Tr 4- 1m chip of Silica Altered Felsic Flow + 5% Py	**0.666**	**2.6**	82	30	**361**	**998**
279790	L53+45E	19+95N	521335E	5400265N	Tr 5 - 0.5m white QV	0.005	0.2	10	5	3	17
279791	L 54E	19+80N	521369E	5400281N	Tr 1 - 1m chip of Felsic Flow + 3% Py	**6.130**	0.8	55	1	20	61
279792	L 54E	19+80N	521369E	5400282N	Tr 1 - grab of Py in Silica Alt Felsic Flow + 10% Py	0.072	0.2	85	1	7	35
279793	L 80E	15+75N	523681E	5400410N	Altered Felsic Flow	0.007	0.2	29	12	7	191
279794	L 84E	31+65N	524041E	5401857N	Carbonate Basalt	na	na	na	na	na	na
279795	L 84E	32+15N	524029E	5402088N	Weakly Altered Basalt	0.005	0.2	39	3	4	152
279796	L 83+90E	33+45N	524014E	5402103N	Weakly Altered Mafic Tuff & Py	0.018	0.2	72	13	2	157
279797 - 279800					Sample Tags Not Used	na	na	na	na	na	na
279801	L 54E	19+80N	521374E	5400285N	Trench 1 (west) - Med gabbro + 5% Po-Py-Cpy	**0.097**	0.2	45	2	6	85
279802	L 54E	19+80N	521374E	5400286N	Trench 1 (dump)- Med Alt Gabbro + 3% Py-Sph	0.045	0.2	54	1	7	85
279803	L 54+50E	21+30N	521387E	5400451N	Chip over 3m of QV + 6% Py-Gal	0.680	**13**	**1500**	5	**656**	**201**
279804	L 54+50E	21+30N	521393E	5400451N	two grabs - 0.3m of QV + 3% Py-Gal	0.005	0.2	7	2	3	7
279805	L 54+50E	21+30N	521391E	5400450N	two grabs - 0.3m chip of QV + >3% Py-Gal	0.460	**2.2**	**956**	4	4	57
279806	L 22+10E	32+85N	518011E	5399520N	Rhyolite	0.005	0.5	29	1	3	12
279807	L 22+15E	32+88N	518014E	5399523N	Altered Rhyolite & Py-Sph	0.005	0.6	90	1	2	13

279808	L 22E	32+55N	518017E	5399494N	Medium Gabbro & Py-Cpy	0.007	0.2	2	1	2	132
279809	L 22+12E	32+30N	518050E	5399470N	Gabbro & Py-Po-Cpy	0.007	0.2	43	2	9	110
279810	L 21+55E	32+10N	518034E	5399439N	Sheared Gabbro + 1% Cpy-Py	0.005	0.2	45	21	2	94
279811	L 83+90E	33+95N	524012E	5402162N	Sheared Dacite/Andesite	0.013	0.2	**214**	33	2	44
279812	L 83+85E	34+00N	521020E	5402162N	Quartz Vein & Py-Po	0.006	1.4	**472**	18	98	**594**
279813	L 83+60E	33+90N	524016E	5402178N	Quartz Vein & Sulphides	0.005	0.2	27	1	4	8
279814	L 71+15E	20+00N	522771E	5400914N	Altered Felsic Flow	0.005	0.2	4	1	14	102
279815	L 71+55E	19+95N	522824E	5400812N	Silica Altered Felsic Flow	0.005	0.4	45	1	28	170
279816	L 71+60E	19+40N	522851E	5400769N	Silica Altered Felsic Flow & Py	0.005	0.5	5	1	4	**211**
279817	L 71+58E	19+40N	522850E	5400769N	Chloritic Basalt & Py-Cpy-Sph (PAC float)	**0.224**	**5.4**	**10000**	1	23	**382**
279818	L 54+50E	21+30N	521393E	5400451N	Quartz & Py-Cpy	0.020	0.2	**332**	10	5	52
279819	L 54+50E	21+30N	521391E	5400450N	Quartz & Py-Cpy	**0.228**	**10.9**	**4120**	10	16	**227**
279820	L 83+85E	34+00N	521020E	5402162N	Quartz & Po-Py-Cpy	0.029	**4.9**	**2830**	140	9	**197**
279821	L 83+80E	33+90N	524022E	5402152N	Altered Basalt	0.005	0.2	24	35	2	37
279822	L 82+80E	32+80N	523937E	5402083N	Sheared Basalt & QV	0.005	0.2	83	31	2	92
279823	L 83+05E	33+70N	523953E	5402176N	Quartz & Py-Cpy	**0.218**	3.2	**2460**	1	3	10
279824	L 82+60E	34+10N	523925E	5402167N	Altered Felsic Flow	0.025	0.2	42	18	2	40
279825	L 83E	34+45N	523952E	5402168N	Altered Basalt	0.005	0.2	45	16	2	65
279826	L 83+85E	34+00N	524022E	5402162N	Quartz & Py-Po-Cpy	**0.101**	**2**	**2270**	29	7	16
279827	L 84+40E	33+95N	540081E	5902152N	Quartz & Py-Po	0.016	0.4	**394**	3	7	91
279828	L 83+45E	33+90N	523990E	5402144N	pit 1 - 1m vein of 50% qtz in Chl Bst + 2% Py	**0.381**	1	**907**	2	2	14
279829	L 83+85E	34+00N	524016E	5402159N	Noront Shaft - "fines" of <1 inch material of oxidized QV-sulphides	0.005	0.2	35	19	14	112
279830	L 80E	8+10N	523723E	5399643N	Sheared Basalt & Py	0.005	0.2	2	63	7	109
279831	L 80E	8+40N	523716E	5399667N	Coarse Gabbro	0.005	0.2	27	74	2	74
279832	L 80E	9+20N	523726E	5399753N	Altered Gabbro	0.005	0.2	66	75	2	43
279833	L 80E	11+20N	523727E	5399951N	Medium to Coarse Grained Gabbro Magnetic Gabbro	0.005	0.2	79	41	2	60
279834	L 80E	11+40N	523726E	5399968N	Coarse Grained Gabbro & Py	0.005	0.2	34	57	2	70
279835	L 80E	11+80N	523715E	5400010N	Sheared Altered Felsic Flow	0.005	0.2	1	1	2	28
279836	L 80E	12+45N	523728E	5400072N	Sheared Altered Felsic Flow	0.005	0.2	1	2	< 2	95
279837	L 80E	12+60N	523722E	5400094N	Sheared Felsic Flow	0.005	0.2	11	1	< 2	20
279838	L 80E	13+30N	523694E	5400157N	Altered Felsic Flow	0.005	0.2	1	3	< 2	57
279839	L 80E	14+15N	523695E	5400234N	Massive Gabbro	0.005	0.2	1	4	< 2	63

The following detection limits were used for each lab:

Table 3B – 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
Accurassay	0.005	1.0	1	1	1	1	0.005	0.005
Activation Laboratories	0.005	0.2	1	1	2	1	na	na

The following geological zones were discovered or expanded upon:

1. **Thompson Gold Showing (and Zone)**

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, andesite / mafic flows (pillows) with minor felsic dikes. This zone contains 10-50% chlorite – ankerite – calcite alteration with 5-10% quartz veining (1-5cm) and 2-4% Py-Cpy at azimuths 060^{o} and 310^{o}. Best assay was 2.74 gpt Au along a 1m channel @ 060^{o}.

During recent mapping, several channels were taken, both parallel and perpendicular, to the shearing, with quartz veining in both directions. One 0.8m chip sample of a quartz - pyrite vein yielded 0.31 gpt Au (sample 1482386) @ 325^{o}. This unit had intense shearing, quartz veining and lesser amounts of sulphides (~ 2%). This unit has potential to have significant gold potential along strike.

B. East Trench – an area 75m x 25m was stripped along 325^{o} axis, exposing quartz-eye tuffs (rhyolite to dacite tuffs) with weak to moderate shearing. They completed over 60m of channel sampling and got only 0.3 gpt Au.

During recent mapping, several samples of this unit were taken and best assay was 0.11 gpt Au (sample 1482231). There is significant structural fracturing to produce good porosity in this unit but there is very little quartz introduction, related to low hydrothermal fluids, and possibly poor gold deposition.

C. Thomspon Zone – this was traced over 200m along strike and several blast trenches placed. No significant gold assays given outside the East and West Trenches.

During the recent mapping, the Thompson Alteration Zone (chlorite–ankerite–calcite alteration, quartz veining and pyrite), similar to that shown at the Thompson West Trench, was traced over 1600m, from L30E to L46E, at an azimuth of 060o. This unit is typically exposed for 25-50m thick (@ 325o) but may be up to 80m thick. Several grab samples showed gold values:

Sample 279524 –1.46 gpt Au blast pit 2 / trench 2 at L38+60E (on trail)
Sample 1482233- 0.15 gpt Au blast pit 4 at L38E

Figure 6a: Geology of the the Thompson West Trench

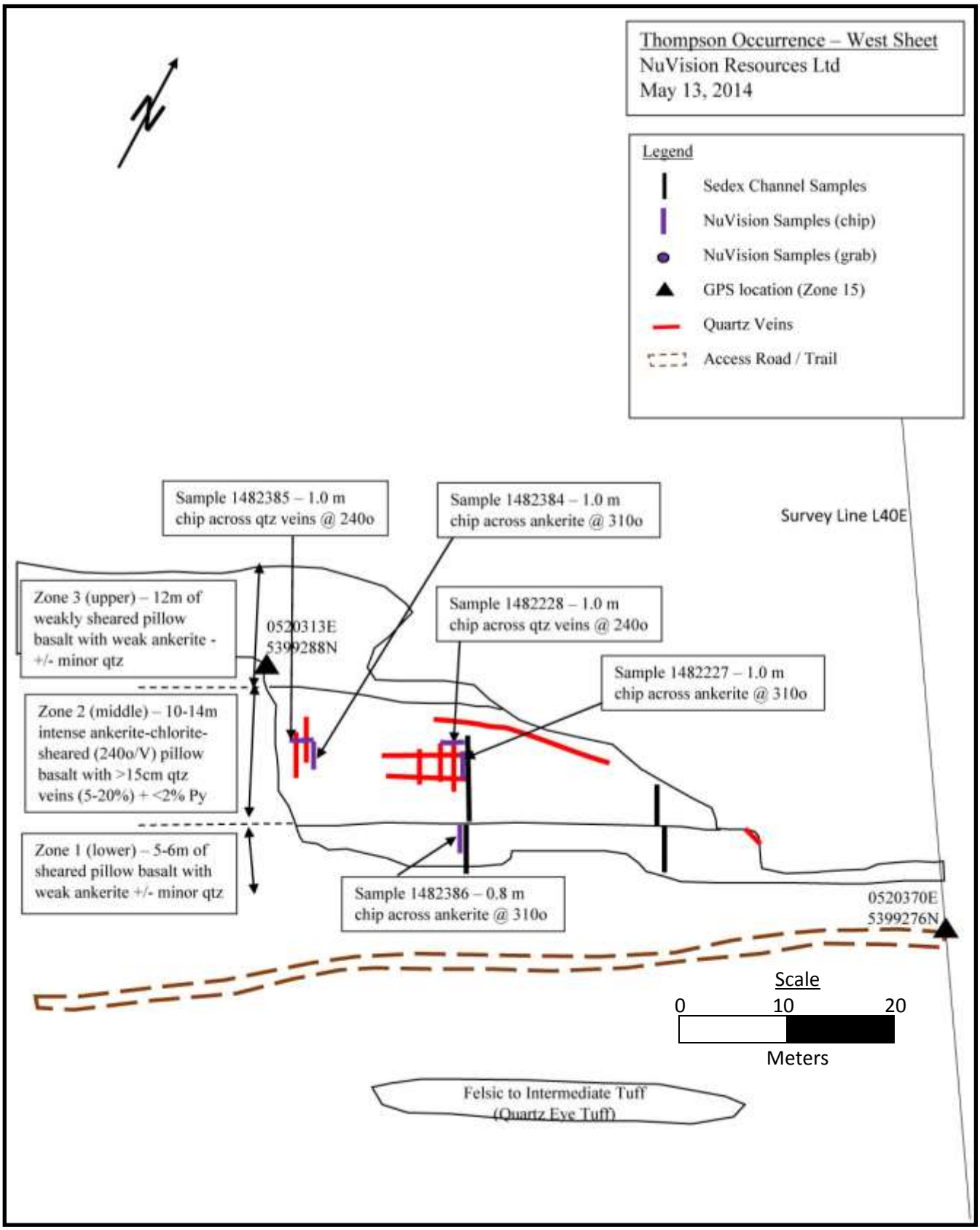
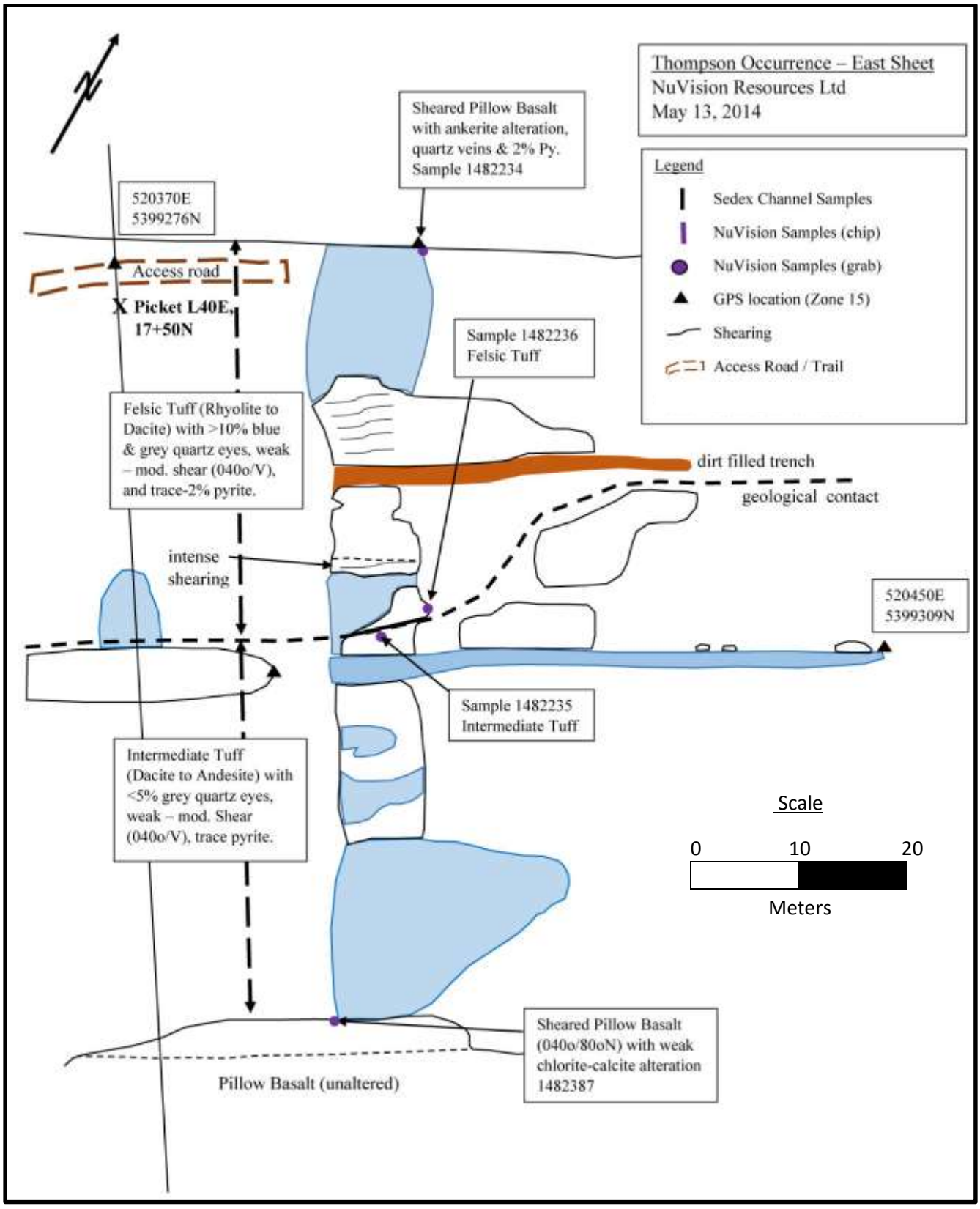


Figure 6b: Geology of the the Thompson East Trench



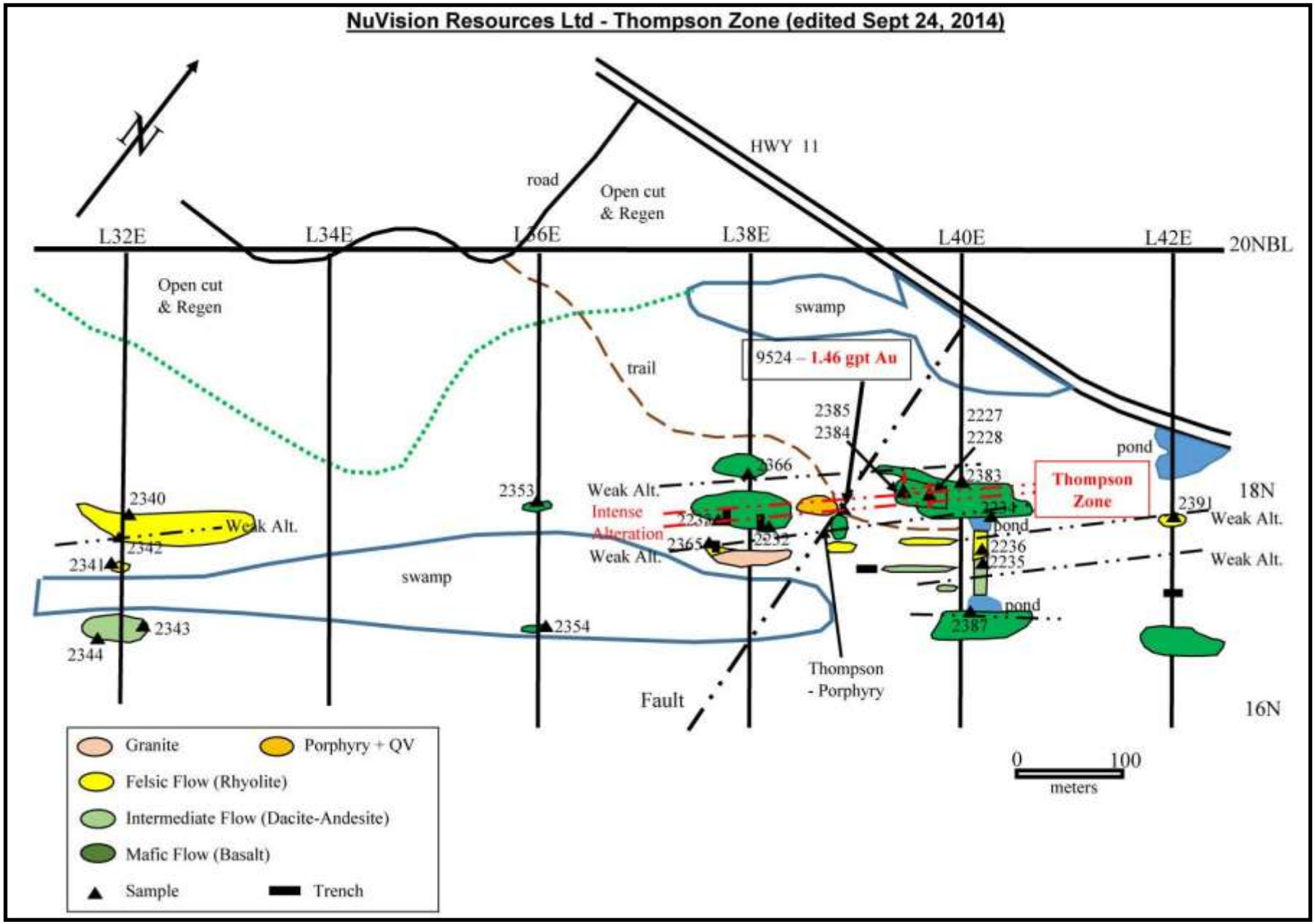


Figure 6c: Geology of the the Thompson East Trench

2. L54E Trenches

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 along strike. A series of felsic and intermediate volcanics (rhyolite to dacite flows) with medium grained gabbro dikes were located parallel to the 20+00N base line.

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

1) 060° 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° Event – a regional fracturing, cross-cutting the lithology. This event is commonly contains quartz filled fractures or quartz filled dilation zones.
3) 310° Event – a regional fracturing, perpendicular to the lithology. This event has quartz filled fractures.

The following samples ran gold values in the L54E trenches:

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)

The presence of multiple stages of alteration, several different structural features and significant gold assays suggest that this area is a prime target area for gold deposition and warrants further work.

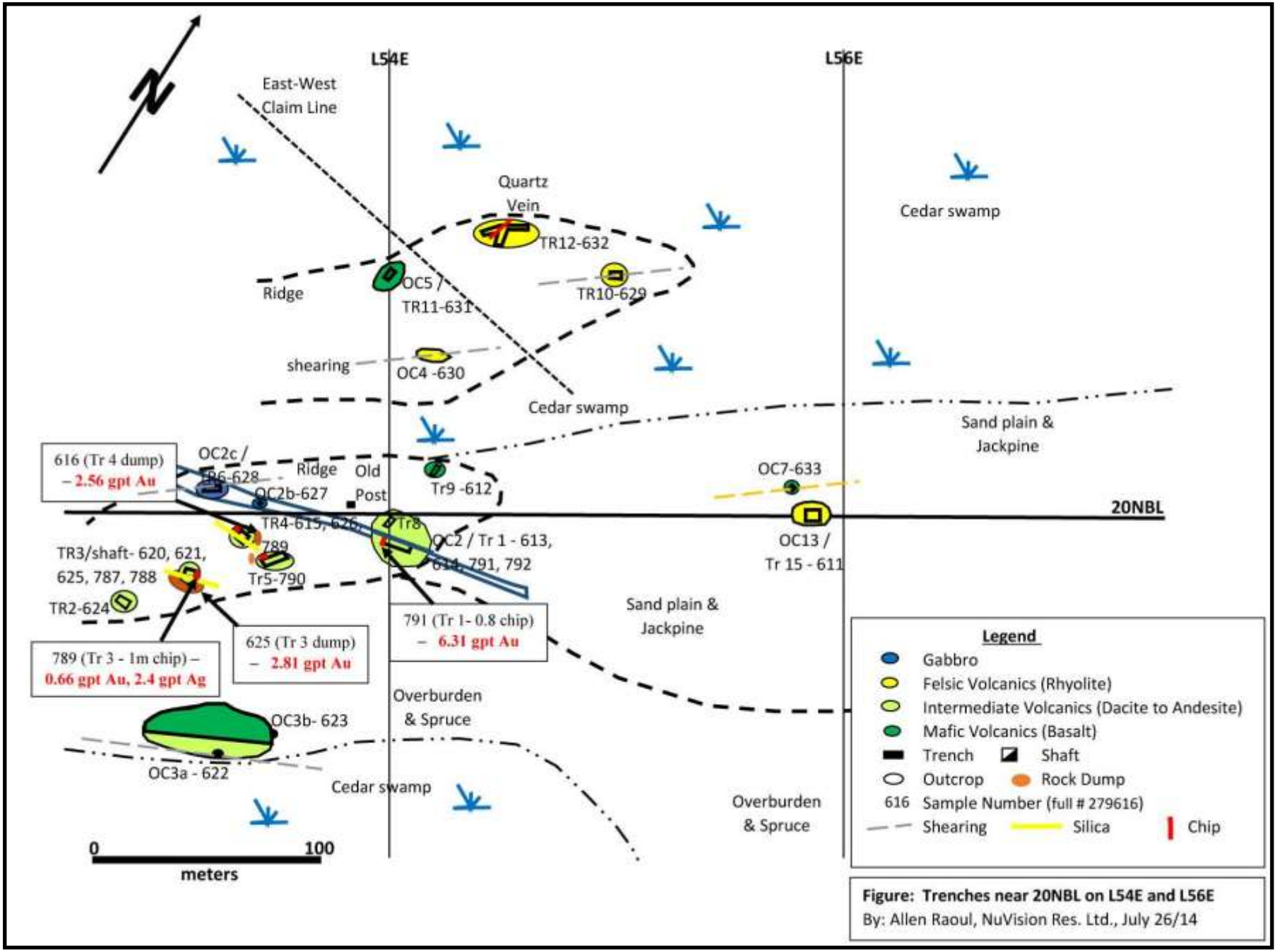
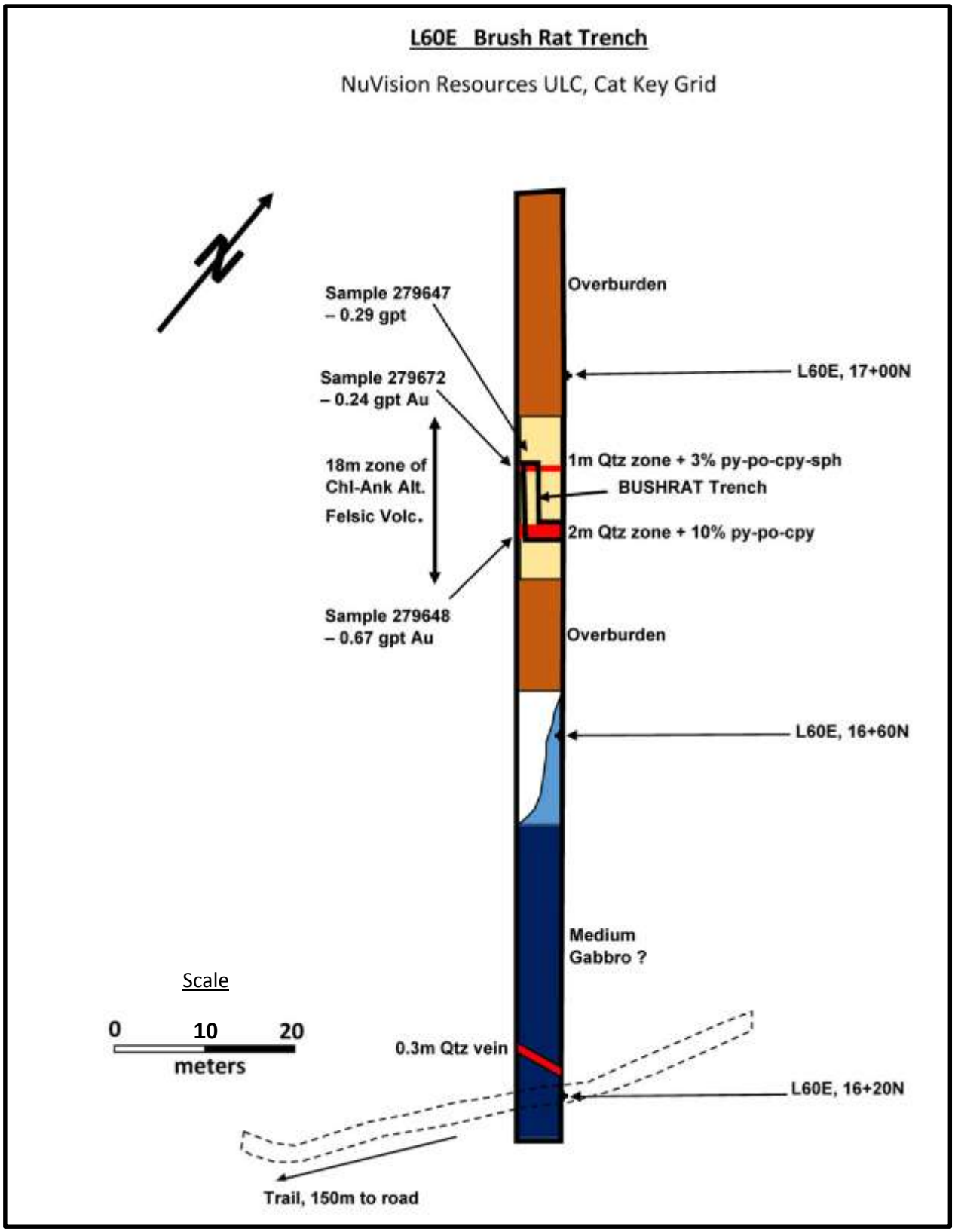


Figure 7 – geology of the L54E Trenches

3. **<u>L60E Trench</u> –** 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 (<1m) and minor sulphides (>5% Py-Po-+/- Sph). Anomalous gold values, from 0.24-0.67gpt Au, were located within this alteration system.

Figure 8 – geology of the L60E Trench (Bush Rat)



4. **L84E East Sulphide Zone**

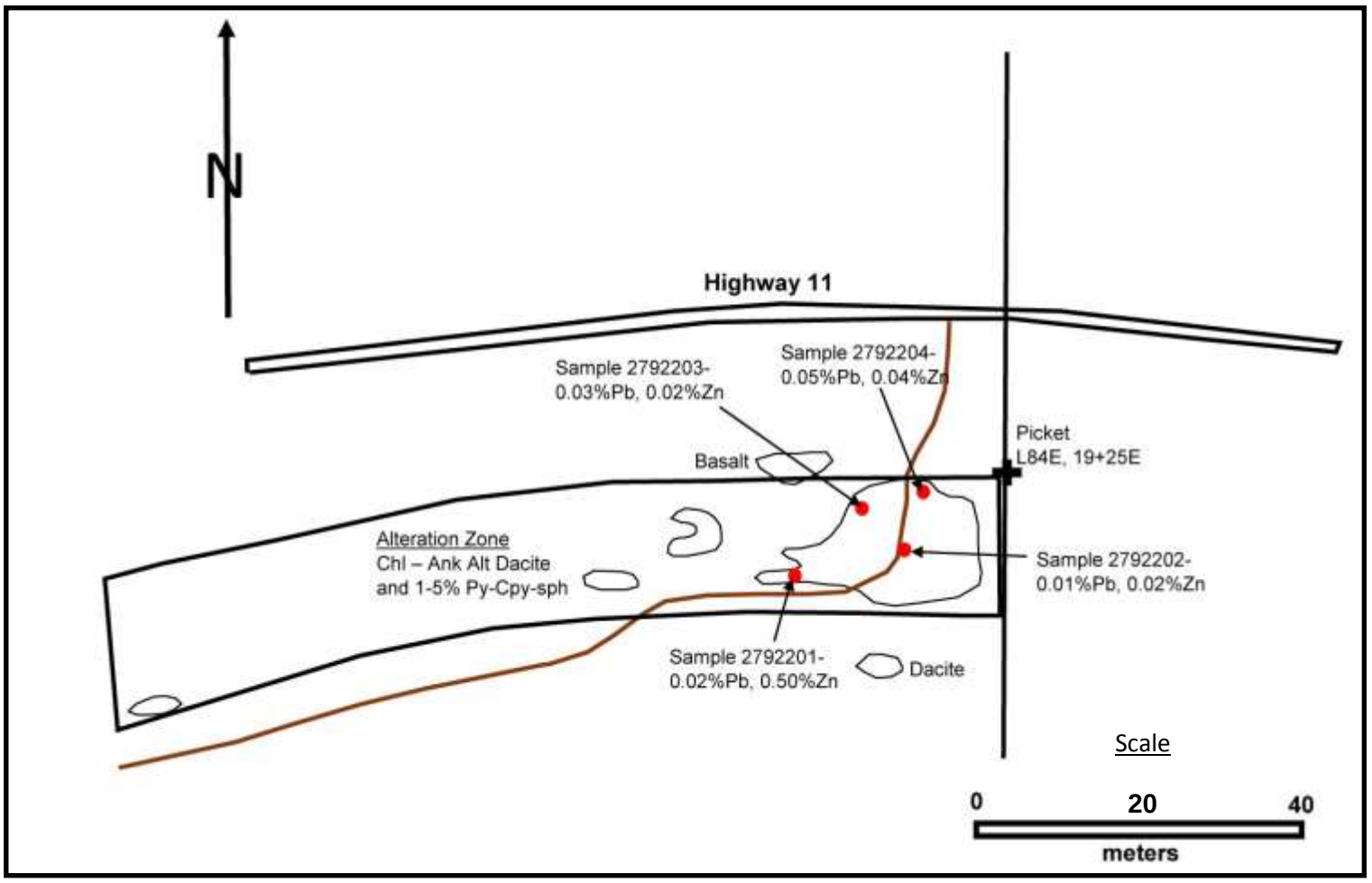
A sulphide showing was located by Poulsen (2000), approimately 1200m east of the Port Arthur Copper showing and south of Highway.11 No specific assays were given.

Sedex Mining Corp hired prospector D. Healey to follow up in Octover of 2008. He traced the oxidized zone over 80m and sampled this horizon. No significant assays were located at this time.

During 2014 mapping, at grid location L83+85E & 19+28N, a >15m wide sulphide zone of altered dacites and 5% Py-Cpy yielded assays up to 0.5% Zn and elevated Pb values (>200 ppm) from grab samples (UTM 524043E, 5400734N). Further sampling is needed as this outcrop is extremely flat and was difficult to sample and may reflect on the weakly anomalous assays values.

This appears to be surface representation of the Port Arthur Copper, located 1.2km on strike to the west.

Figure 9: L84E East Sulphides

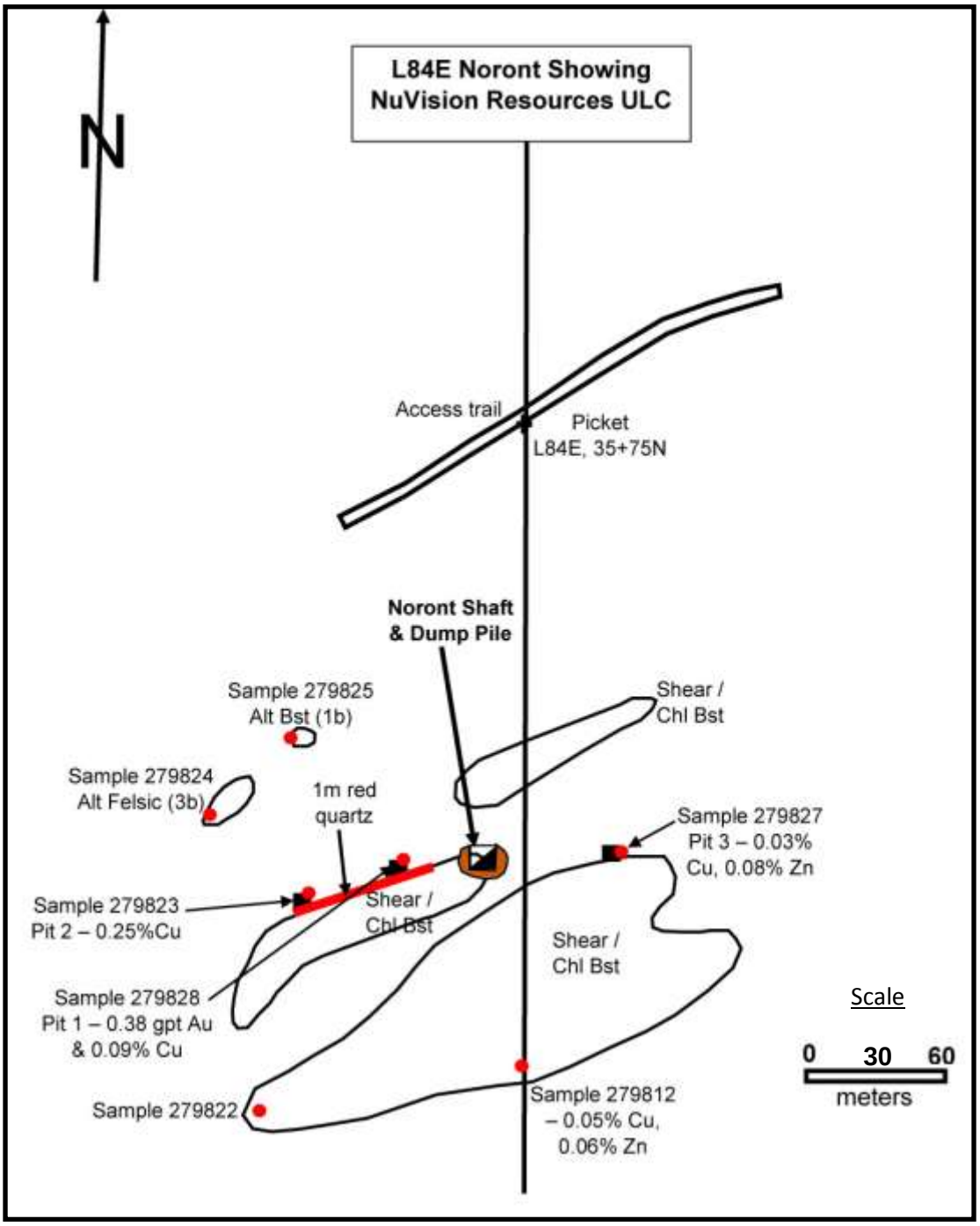


5. **L84E Noront Zone**

A ~1m quartz vein with up to 10% Py-Cpy, at 250º/vertical, was located within a series of shear basalts @ 250º, with several small (1-5m wide) alteration zones of >10-50% chlorite – calcite.

An old shaft, 4m x 3m x 15m, was located on the NE end of the vein system (at UTM 524018E, 5402174N). Four significant assays returned 010 – 0.38 gpt Au, 0.09 – 0.25% Cu and up to 0.06% Zn.

Figure 10 : L84E Noront



6. **<u>L22E Layered Gabbro</u>**- 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 :

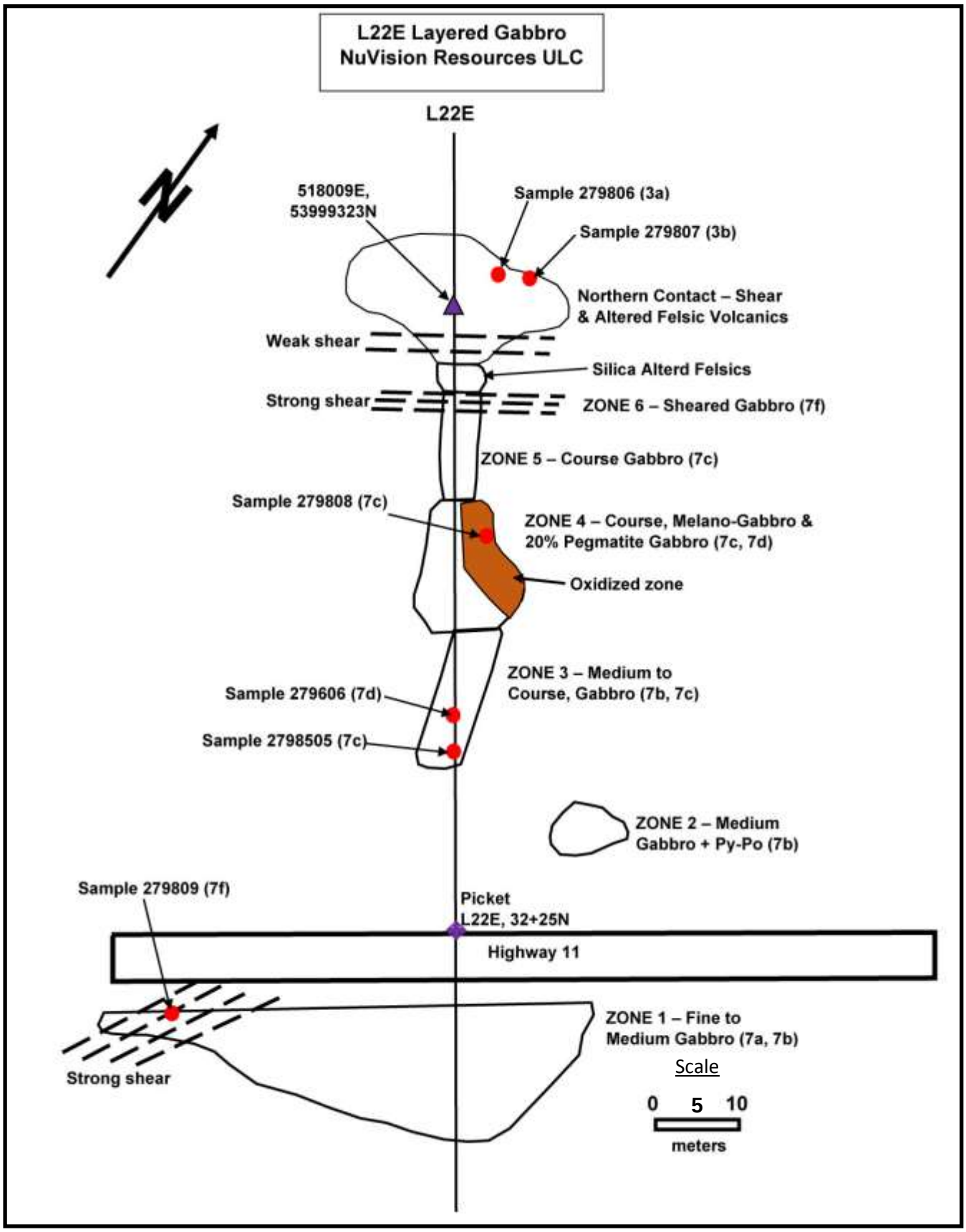
northern contact	>15m thick unit of sheared / altered felsic volcanic (flows) with 2m wide, 30% silica alteration zone at contact (UTM 518009E, 5399323N)
zone 6	2-3m wide zone of fine-grained, sheared gabbro
zone 5	12m of coarse grained, melanogabbro, moderately magnetic
zone 4	15m of coarse grained, melanogabbro with up to 20% pods of pegmatite gabbro (~0.5-1.0m). this unit can be strongly oxidized, possibly over 5% sulphides.
zone 3	15m of medium to coarse grained, leucogabbro
zone 2	5-10m of medium grained, gabbro with 1-2% stringers of Cpy-Py-Po and weakly magnetic
Hwy 11	20m break in outcrop due to the presence of Highway 11
Zone 1	20m wide section of fine to medium gabbro with <1% sulphides and 3m sheared section @ 060º/veritcal

Two samples were taken along these altered felsic volcanics, the northern contact, for Au and base metals but no significant assays.

Four samples were taken along this layered gabbro unit for Au and base metals, but no significant assays. One was tested for Pt – Pd but no significant results. Due to the difficult nature in locating Platinium Group Metal (PGM) mineralization, this author recommends that each of these zones be tested with at least 3 channels per zone for Pt – Pd mineralization.

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.

Figure 11 : Geology of the L22E gabbro.



12- Drilling

Historical drilling was carried out on the Cat Key Property. Most of these drill holes are plotted on figure 12. The drill holes were:

Table 4: Historical drilling on or near the Cat Key Property

Company and Date	Work	Description	Reference
Young & Menzies 1948-1951	11 DD	11 DD on the FF4261 (Port Arthur Copper), Holes 1-5 (98m) by Corrigan (1948) Holes 1-6 (440m) by Menzies (1951) yielded 2-30m shears of qtz-carb schist or qtz-chl schist	OE 52C16SW0032
Young 1956	1 DD	Drilled hole E10 - 10.61m of Py-Sph-Gal in Sericite Schist & 5.79m of Py-Sph-Gal in Sericite-Chlorite Schist	KAF 52C15SE L-1
Satellite Metal Mines 1963	3 DD	Drilled 3 holes (320m) in Mine Center area. Hole S-7- 0.33m of 0.31 gpt Au, 4.35 gpt Ag 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.	KAF 52C15SE J-1
Noranda Expl 1969-1970	3 DD	3 DDH on claim 4266164. 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 Hole 1-70: 2.25m of Po-Py +/- Cpy Hole 1-69: 2.10m Py-Sph +/- Cpy Hole 444-2: 4.92m of 0.49% Zn +/-Cpy-Gal	KAF 52C10NE J-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) on Barber Lake base metal, 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 1978	2 DD	Stellar - 2 holes (106m) at Stellar Gold #1 – 6m section of 2-15% qtz stringers #2 – granite	KAF 52C10NE Z-3
R. McMillan 1981	DD	Headlight – 1 ddh intersected greenstone with quartz + Po-Py-Aspy.	KAF 52C15SE T-1
Central Crude Ltd 1984	6 DD (199m)	Drill Stellar No.2- hole St02- 0.15m of 13.38 gpt Au, 8.7 gpt Ag, 0.29% Zn, 0.82% Pb.	KAF 52C10NE OO-2
Minnova 1985	DD	2 DD (662m) by Lochart Lk.. SB10 – 17m of Po-Py-Mgt +/- Cpy-Sph SB11 – altered volcanics	KAF 52C10NW Y-1
Falconbridge 1985	Map, DD	Drill 1 hole (236m) on Lochart Lake - 7.5m of 0.33% Zn	KAF 52C10NW W-7
Minnova 1987	DD	10 DD (1764m) at Bliss Lake : ML02- 8.1m of 30-80% Py-Po-Mgt-Cpy-Sph ML-03- breccia-silica zones of Po-Py-Cpy	KAF 52C10NW Y-2 OE 52C10NW1005
Minnova 1987	DD	Drilling Barber and East Barber Stringers 5-20% Py-Po +/- Cpy-Sph in altered mafic volcanics and silicified zones	OE 52C10NW1042
Minnova 1987	DD	2 DD (1494m), north of Thompson ML06- localized stringer Py-Po	OE 52C15SE1008

		ML07- breccia zone with 5-10% Po-Py 4DD west of Bliss Lake: HS05- 1.60m massive Py-Mgt-Po HS06- thin Py-Po-Mgt beds+ Py-Ser HS07- 4.80m Exhalite + Py +/- Sph, 1.7m chert + Py-Po-Sph, 10.0m silicified mafic unit with >10% Py-Po-Mgt HS08- 3.4m of Py-Ser	
HSK Minerals 1987	1 DD	Hole H-87-11 (Noront) -14m & 1.7m Qtz fracture zones + sulphide,	OE 52C15SE00016
Noront Resources 1987	1 DD	Hole 87-11- weak gold (0.30 gpt) and 0.19% Cu over 4.3 m.	R. Bernatchez 2014
Minnova 1989	1 DD	HS-09- felsic volcanics with stringer sulphides with 0.2% Zn over 3m.	OE 52C15SE00009
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

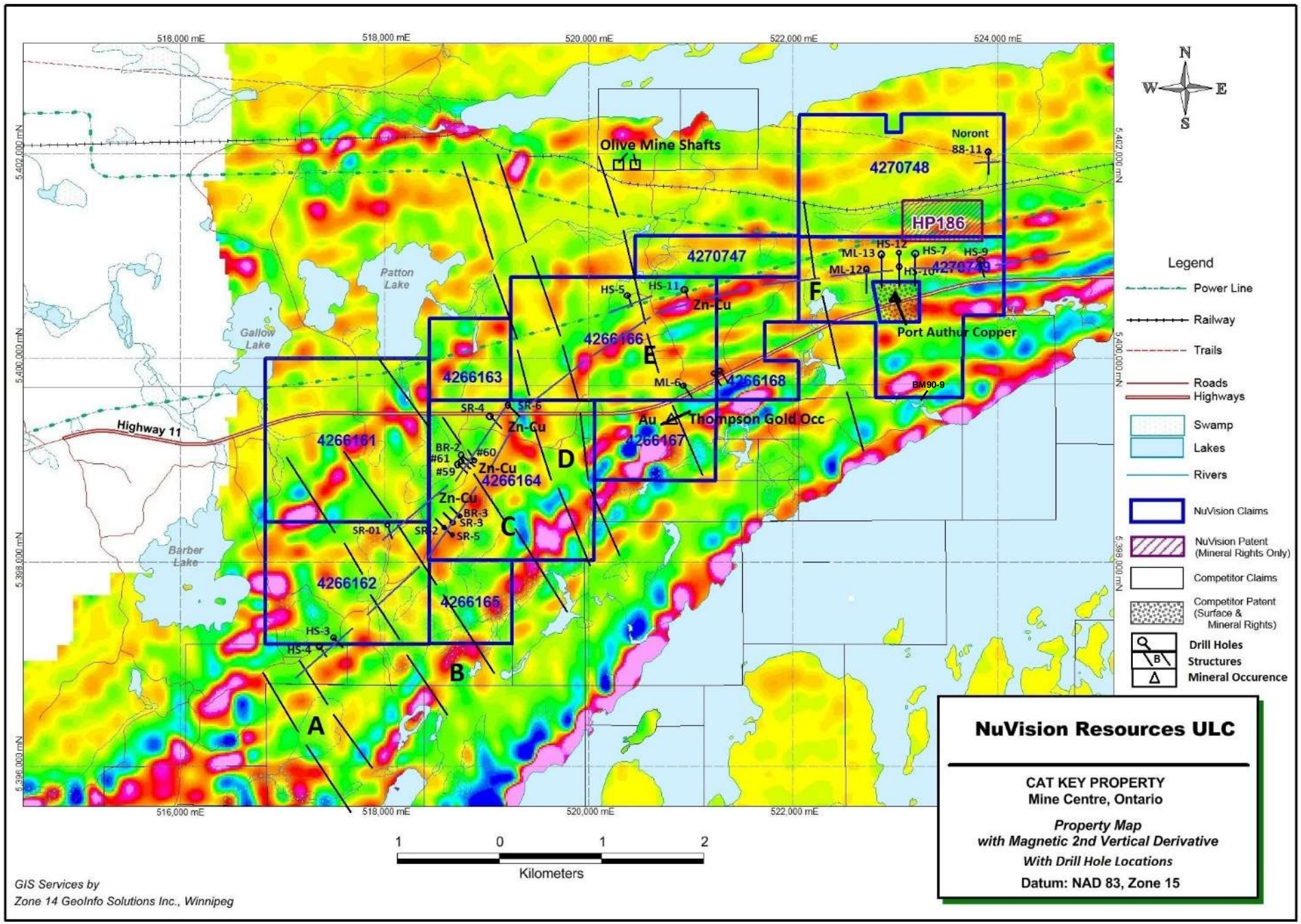


Figure 12: Historical Drill Locations on the Cat Key Property (Bernatchez, 20014)

13- 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).

The following were located during this survey:

1) In A-Block – 23 VLF-EM anomalies with associated ENE magnetic low and highs.
2) In B-Block - 18 VLF-EM anomalies with associated easterly-trending, magnetic low and highs.

This author does not have the technical expertise to analysis all of these anomalies.

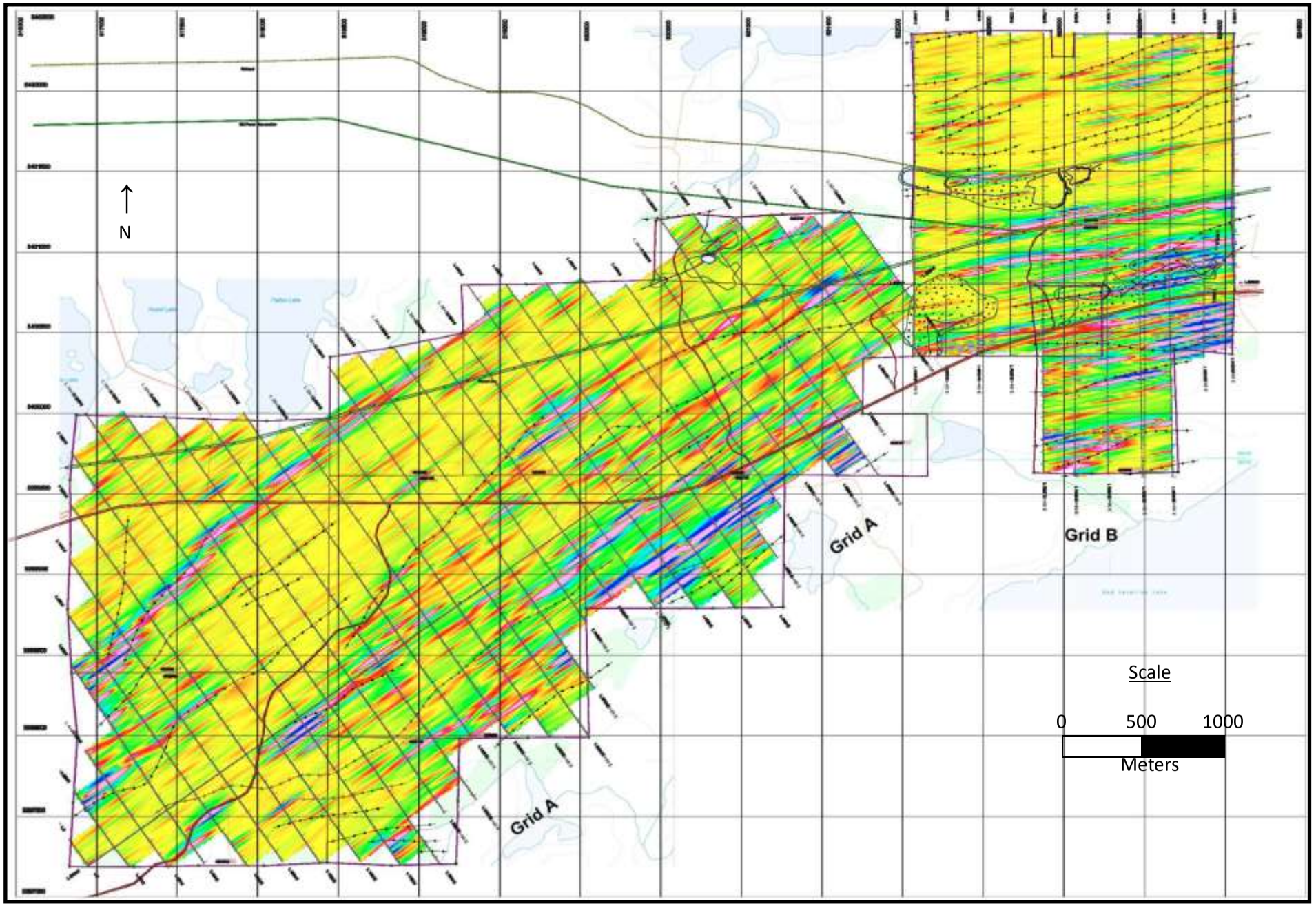


Figure 13a: Total Magnetics (2nd Derivative) and VLF-EM anomalies on the Cat Key Grid (Simoneau, 2014)

Airborne geophysics by Geotech, B-field VTEM, was completed on the Sedex Mining Corp. in 2008. This property occupies many of the same areas as the NuVision Property. The 2014 NuVision Resources grids have been overlain on these surveys (see figure 13b).

Three B-field anomalies were located on the NuVision Property:

1. A 600m x 400m anomaly @ 035o at grid L23E & 22+00N
2. A 200m wide anomaly @ vertical at grid L53E & 17+00N
3. A 150m wide anomaly @ vertical at grid L69E & 28+00N

The anomalies may suggest Volcanogenic Massive Sulphide (VMS) potential and should be further investigated.

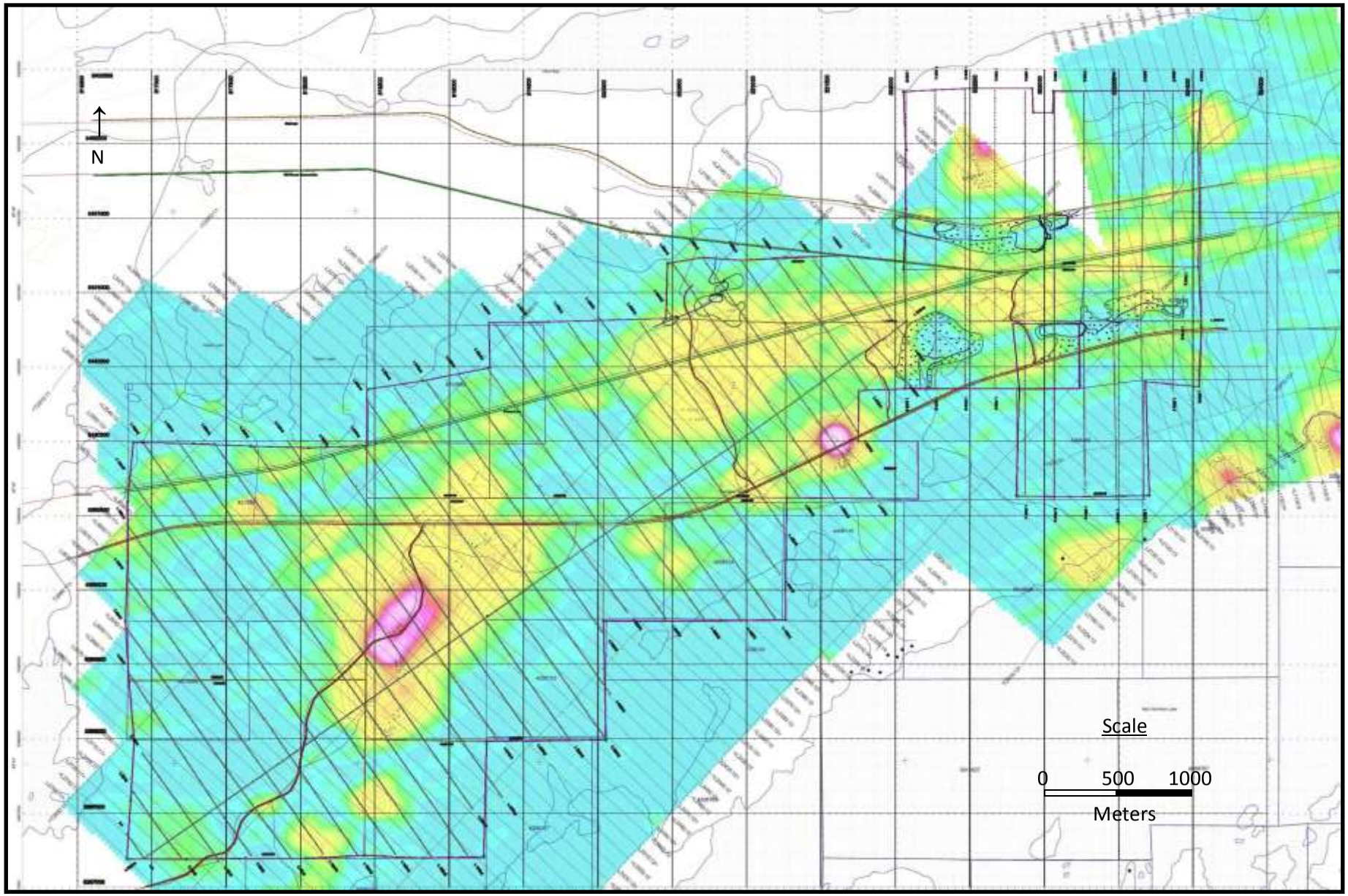


Figure 13b: Total Magnetics (2nd Derivative) and VLF-EM anomalies on the Cat Key Grid (Simoneau, 2014)

14- Geochemistry

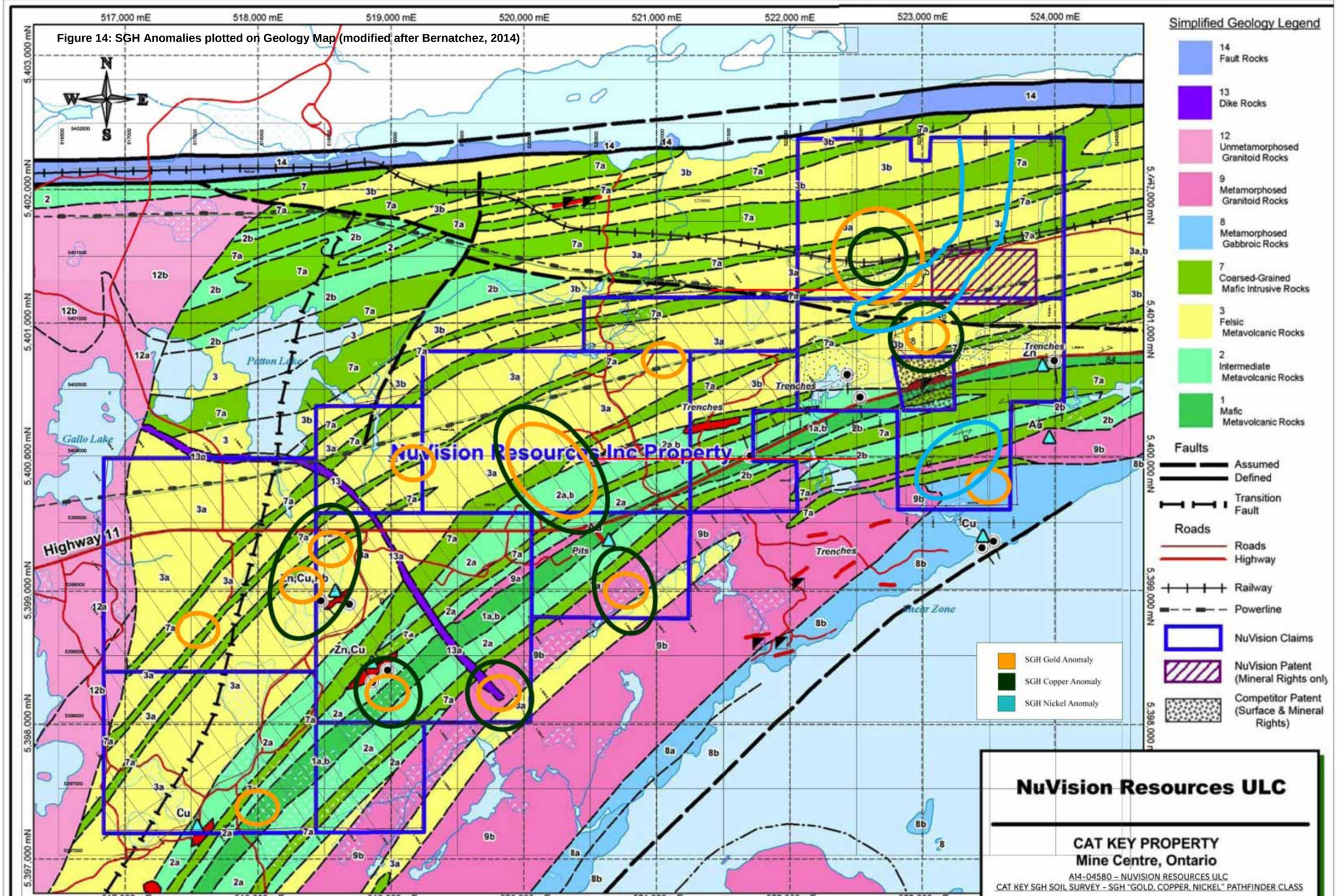
Soil sampling, by KLB Outdoor Exploration of Fort Frances, using the Soil Gas Hydrocarbon methodology to test the property at 50m intervals along the cut lines. Original testing was at 400m intervals (aka every second cut line) and based upon encouraging results, the in-fill lines every 200m between 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. Currently waiting for updated report for potential drill targets.

The following anomalies were located during the initial SGH survey.

Table 5: 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 14: SGH Anomalies plotted on Geology Map (modified after Bernatchez, 2014)



NuVision Resources ULC

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Mine Centre, Ontario

A14-04580 – NUVISION RESOURCES ULC
CAT KEY SGH SOIL SURVEY - SGH "GOLD, COPPER, NICKEL" PATHFINDER CLASS

15 - 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 review of the historical data and 2014 field mapping, 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.

- 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 >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 and south of Hwy 11, with similar characteristics of a VMS deposit.

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

16 - Recommendations

This author recommends the follow fieldwork to advance the Cat Key Project to the next stage of mineral exploration:

1. A stripping program on four of the geological targets: a) Thompson Zone, b) L54E Trenches, c) L60E Bush Rat, d) L22 Gabbro. An area approximately 3m wide be opened up for channel sampling of the different lithologies.

2. A drill hole (600m) to test the 400m wide B-Field Anomally on L22E or L24E, from Barber Road. This anomaly is not exposed but needs to be defined.

3. A drill hole (400m) to test the 180m wide L54E Trenches. It has known gold values, 2-6 gpt Au in a wide alteration zone.

4. A drill holle or two to test the shear and alteration zone at the L40E Thompson Zone. Suggest 1 hole at the Thompson West Trench and another parallel hole, over this 1600m long strike zone.

5. A drill hole to test the layered gabbro sill on L22E. With Cu-Ni-PGE mineralization, significant assay values are sporadic and can only be confirmed with drilling.
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17 - References

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18 - 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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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 seven 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.

Permission is granted to NuVision Resources ULC. to use this report dated November 1, 2014 for optioning, corporate and assessment purposes.

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Allen J. Raoul, PGeo #1925 Ltd.

Appendices

Appendix A

Outcrop Descriptions

NuVision Resources ULC

Cat Key Property

Geologist A. Raoul

Prospector B. Bone

Date	Crew	Location	Easting	Northing	Outcrop No.	Size (m)	Description	Rock Code	Sample #	Sample UTM	Sample Description	Assay (Y/N)
4-May	AR	Line 84E (300m east on Hwy11)	524363E	5400775N	OC1	50x20x2	Pillow Basalt - weakly chloritic, green pillow basalt with weak foliation (072o/V). Pillows young to NW	**1a**	No Sample			
4-May	AR	Line 84E (200m east on Hwy11)	524283E	5400780N	OC2	15x6x1	Pillow Basalt - same as previous but poorly exposed	**1a**	No Sample			
4-May	AR	Line 84E (115m east on Hwy11)	524178E	5400767N	OC3	116x10x1.5	contact of pillow basalt to intermediate volcanics/ andesite. Contact at 070o/80oN - 524113E, 5400772N	**1a, 2a**	No Sample			
4-May	AR	Line 84E (115m east on Hwy11)	524178E	5400767N	OC3B		Pillow Basalt-fine grained , green, weakly chloritic, foliated with 072o/80 N with elongations 8:1 along strike; pillows stretch for way up	**1a**	No Sample			
4-May	AR	Line 84E (115m east on Hwy11)	524178E	5400767N	OC3C		Andesite Tuff- fine grained to medium grained, intermediate tuff with moderate to strong cleavage (or foliation?) at 076o/82oN. Weak calcite alteration, sniffs of hematite oxide (<1%) but no visible sulphides	**2a**	No Sample			
4-May	AR	Line 84E (115m east on Hwy11)	524144E	5400801N	OC3D	30-35 cm	Quartz Vein - white to brown, +/- 1% hematite at 072o/80o with z-folds.	**QV**	No Sample			
4-May	AR	Line 84E (85m east on Hwy11)	524150E	5400745N	OC4	30x5x2	Felsic Tuff- See Outcrop 5, weaker cleavage/foliation at 080o/80oN, less chlorite, no veining (quartz or calcite), grey quartz eyes	**3a**	No Sample			
4-May	AR	Line 84E (35m east on Hwy11)	524104E	5400746N	OC5	18x3x2	Felsic Tuff- with strong cleavage at 080o/82oN, Calcite veins +/- trace sulphides on North trending fractures, dark green to black, little to no chlorite alterations, grey quartz eyes	**3a**	No Sample			
4-May	AR	Line 83+75E, 19+18N	524048E	5400719N	OC6	15x8x0.1 flat	Dacite Tuff with Oxidation Zones (Sulphides)- fine grained, green, weak chloritic, mafic tuff with cleavage 074o/80oN, can has rusty patch over 1m; may represent 2-5% sulphide (flat).	**2b**	1482201	524038E/ 5400725N	Sheared Dacite and 4% Pyrite- fine grained, greyish to green, sheared, weak calcite <2%, 2-4% pyrite	Yes
4-May	AR	Line 83+83E, 19+20N	524047E	5400726N	OC6	15x8x0.1 flat	See Above	**2b**	1482202	524047E/ 5400726N	Sheared Dacite and <1% Pyrite- similar to 1482201 but <1% pyrite, more sheared	Yes
4-May	AR	Line 83+80E, 19+25N	524024E	5400730N	OC6	15x8x0.1 flat	See Above	**2b**	1482203	524024E/ 5400730N	Sheared Dacite and 2% Pyrite- fine grained, shear, chlorite (>5%) to 2% pyrite interstitial and later calcite (2%)	Yes
4-May	AR	Line 83+85E, 19+28N	524043E	5400734N	OC6	15x8x0.1 flat	See Above	**2b**	1482204	524043E/ 5400734N	Sheared Dacite and <1% Pyrite- similar to 1482202 but slightly more calcite, approximately 2-3%	Yes
4-May	AR	Line 83+92E, 19+00N	524044E	5400706N	OC7	3x2x0.1 flat	Altered Andesite to Dacite - foliation 078o/vertical to 80oN, light brown to tan, fine grained to medium grained	**2b**	No Sample			
4-May	AR	Line 83+45E, 19+60N	524009E	5400779N	OC8	7x3x.5	Oxidized Andesite Tuff- medium grained, green, andesite with >10% oxidized (sulfide) packets	**2b**	1482205	524011E/ 5400765N	Shear Andesite Tuff- fine to medium grained, green chlorite, with >20% oxidized augens (sulphides ?) in intermediate/andesitic matrix and >10% calcite	Yes
4-May	AR	Line 82+95E, 19+45N	523915E	5400769N	OC9	12x12x1	Andesite Tuff- fine grained to medium grained, grey, unaltered, andesite tuff with no sulphides or oxidation, foliation 086o/80oN vertical	**2a**	No Sample			
4-May	AR	Line 82+25E, 19+20N	523864E	5400736N	OC10	50x16x2	Andesite Tuff - fine to medium grained, grey andesite tuff (intermediate) with moderate to strong fol 070o/82oN with 1-5% hematite (oxidized sulphides?) along fractures	**2b**	No Sample			
4-May	AR	Line 81+45E, 19+55N	523792E	5400746N	OC11	45x3x.5 (sporadic)	Altered Andesite Tuff to Mafic Tuff- fine grained to medium grained, massive (to blocky) intermediate tuff, Plagioclase phyric, with 10-30% Chlorite (blocky appears like dike) with 1-3% rusty limonite/hematite (oxidized sulphides)	**2b**	No Sample			
4-May	AR	Line 81+20E, 19+25N	523513E	5400654N	OC12 West End	350x20x6	Mafic Tuff- fine grained, massive to fol (080o/80oN) mafic tuff with <1% ankerite-quartz along fracture (parallel and 300o). Several small shears (<30cm) with >20% quartz - ankerite veins parallels foliation 15M from west end- massive chlorite flows + 3-5% quartz-ankerite veins at 082o/80oN	**1b**				
4-May	AR		523812E	5400711N	OC12 East End	350x20x6	Mafic Tuff- fine grained, massive to fol (080o/80oN) mafic tuff with <1% ankerite-quartz along fracture (parallel and 300o). Several small shears (<30cm) with >20% quartz - ankerite veins parallels foliation 15M from west end- massive chlorite flows + 3-5% quartz-ankerite veins at 082o/80oN	**1b**	1482208	523637E/ 5400704N	.6 metre chip sample along 50% quartz +/- calcite-ankerite vein in weak shear andesite tuff, parasitic folds, veins 270o/80oS, foliation and tuff 270o/80oN	Yes
4-May	AR	Line 81+20E, 19+25N	523752E	5400740N	OC13 West End	27x6x1.5	Plagioclase-Phyric Andesite Basalt- massive, black, dark grey, plagioclase-phyric (2-20%) phenocrysts in basalt to Andesite, possible as pillows.	**1a**	No Sample			
4-May	AR	Line 81+20E, 19+25N	523762E	5400747N	OC13 Vein	10cm	Shear Zone with 10-20% siderite-ankerite with shearing at 022o/80o South	**1b**	1482206	523709E/ 5400732N	1.2 metre chip sample across 20% quartz calcite veins (2-3cm) at 038o/vertical; vein following foliation	Yes

4-May	AR	Line 80+80E, 19+30N	523706E	5400755N	OC14	140x10x4	Pillow Basalt- fine grained, green, weak to moderate chlorite, weak foliation at 076o/vertical, 80o North; continues for 55 metres the contact at 066o/ vertical.	**1b**				
4-May	AR	Line 80+20E, 19+25N	523706E	5400755N	OC14B	0.2m wide vein	0.2 metre wide grab sample across whole zone at 300o/vertical of highly sheared mafic volcanic with >20% chlorite-calcite alteration and 30% quartz-calcite veins and sulphides (?).	**QCV**	1482207	523706E/ 5400755N	.2 metre wide grab sample across whole zone at 300o/vertical of highly sheared mafic volcanic with >20% chlorite-calcite alteration and 30% quartz-calcite veins and sulphides (?).	Yes
4-May	AR	Line 80E, 19+25N	523691E	5400731N	OC14C	5-10 cm veins	Changes to Andesite Tuff with several 5-10 cm quartz-ankerite veins at 310o/75oS. Tuff is foliating 076o/82oN	**QCV**	No Sample			
4-May	AR	Line 79+35E, 19+15N	523616E	5400703N	OC15	40x3x2	Plagioclase-Phyric Andesite Tuff- fine grained to medium grained >10% plagioclase phenocryst. In grey, intermediate matrix, massive mostly but thinner shear or cleavage sections (>0.1m); parallel to foliation	**2a**	No Sample			
4-May	AR	Line 78+45E, 19+05N	523548E	5400688N	OC16 West End	38x3x.75	Mafic Tuff- fine grained, dark grey to green, massive bedding -042o/vertical, foliation 082o/80oN. Rare veins or sulphides.	**1a**	No Sample			
4-May	AR	Line 78E, 18+85N	523512E	5400678N	OC17 West End	22x3x.2	Mafic Flow- several small, flat outcrop of dark green, mafic flow but no bedding, some calcite and rust on fractures only, no alterations	**1a**	No Sample			
4-May	AR	Line 77+30E, 18+15N	523375E	5400649N	OC18	150-1-8x1.5	Mafic Tuff to Pyroclastic flows - chlorite alterations + < 2% ankerite alteration. Contact is hidden at 048o/vertical. Mafic tuff with > 5%.	**1a**	No Sample			
4-May	AR		523244E	5400624N	OC18B	150x1-8x1.5	First 58 metres is Mafic Tuff to Pyroclastic flow with chlorite alterations + < 2% ankerite alteration. Contact/hidden at 048o/vertical. Mafic tuff is > 5%,	**1a**	No Sample			
4-May	AR	Line 76+35N, 18+12N	523297E	5400629N	OC18C	3m wide zone	veins and fractures of siderite – ankerite – quartz, at 65 metres, over 3 metres wide of 50% ankerite – siderite – quartz at 288o/ vertical	**QCV**	1482209	523229E/ 5400623N	3 metre chip sample along 40-50% veins at 280o/vertical of ankerite +/- quartz, foliation is paralleling veins, trace-1% sulphides but very fine	Yes
4-May	AR	Line 76+85E, 17+90N	523343E	5400619N	OC19 East End	82x1.5x1	Mafic Tuff / Pyroclastic Flow- 20-30% stretched mafic, chloritic clasts in tuffaceous matrix, 1-3% fractures/veinlets of siderite or ankerite +/- quartz; clear foliation 288o/80oN but <1% Py	**1a**	No Sample			
5-May	AR	Line 72+60E (patent) 16+85N	523232E	5400606N	OC1	20x4-6x1	Andesite Flow (to Tuff) - fine grained to medium grained, grey, massive unit with weak foliation (084o/80oN), weak chlorite alteration (<5%), several (approximately 4 cm) Quartz veins at 038o/80oN +/- parasitic z folds, no quartz eyes	**2b**	No Sample			
5-May	AR		522762E	5400458N	OC2 West End	65x4-8x1.5	Felsic Flow – fine grained to medium grained, dark green, massive with 1-5% blue quartz eyes with fractures at 274o/80o North	**3a**	No Sample			
5-May	AR	Line 71+60E, 16+55N	522812E	5400475N	OC2 East End	65x4-8x1.5	Felsic Flow – fine grained to medium grained, dark green, massive with 1-5% blue quartz eyes with fractures at 274o/80o North	**3a**	No Sample			
5-May	AR	Line 71+15E, 16+65N	522796E	5400485N	OC3 mid crop	40x8x2	Felsic Flow – medium grained, dark grey to green massive flow with 2-5% blue quartz eyes, poor fracturing	**3a**	No Sample			
5-May	AR	Line 68+22E, 14+80N	522474E	5400369N	OC4	120x2-6x1	Mafic Tuff- fine grained, dark green, chloritic (>10%), mafic tuff with well developed cleavage/development at 074o/80oN,	**1a**	No Sample			
5-May	AR		522536E	5400388N	OC4B	10cm	Rare Quartz vein (<2 cm) parallels to bedding Cleavage approximately the may be parallel. Folded quartz at 230o/ vertical sub paralleling outcrop	**QV**	No Sample			
5-May	AR	Line 59+60E, 15+30N	522128E	5400225N	OC5	137x6x3	Mafic Flow- fine grained, dark green, chlorite > 10%, massive mafic flows with weak to moderate cleavage 262o/vertical to 84oN, < 1% small quartz vein that runs 260o vertical, 016o/60oW but only .5-2cm	**1a**	No Sample			
5-May	AR	Line 57+80E, 15+30N	522014E	5400147N	OC6 West End	120x15x3	Mafic Flow- Similar to OC5, Fine grained, dark grey, chloritic mafic flow with moderate to good cleavage 264o/80oN	**1a**	No Sample			
5-May	AR	Line 56+90E, 15+60N	521919E	5400121N	OC7 East End	87x4x2	Mafic Flow (to Andesite) –fine grained, green weak chlorite (5%), mafic to intermediate flow, weak to good cleavage at 070o/vertical, rare quartz (<1cm) parallel to cleavage at 070oN	**1a**	No Sample			
5-May	AR		521984E	5400087N	OC7 West End	87x4x2	Mafic Flow (to Andesite) –fine grained, green weak chlorite (5%), mafic to intermediate flow, weak to good cleavage at 070o/vertical, rare quartz (<1cm) parallel to cleavage at 070oN	**1a**	No Sample			
5-May	AR	Line 56+80E, 15+40N	521912E	5400096N	OC8 East End	45x10x3	Same as OC7 but only weak cleavage development 260o/82oN	**1a**	No Sample			
5-May	AR	Line 55+55E, 15+50N	521780E	5400070N	OC9 East End	16x2x.5	Mafic Flow – poor exposed, massive, green, mafic flow with poor to no cleavage	**1a**	No Sample			
5-May	AR		521667E	5399980N	OC10 East End	150x8x3	Pillow Basalt – fine grained, green, weak chlorite (5%) with pillows (0.2-0.4m) that are preserved with 1.5:1 stretch ration to 060o/ vertical, at 110m jointing 018o/80oW	**1a**	No Sample			
5-May	AR	Line 53+10E, 15+50N	521524E	5399895N	OC10 West End	150x8x3	Pillow Basalt – fine grained, green, weak chlorite (5%) with pillows (0.2-0.4m) that are preserved with 1.5:1 stretch ration to 060o/ vertical, at 110m jointing 018o/80oW	**1a**	No Sample			
5-May	AR	Line 54+00E, 15+75N	521596E	5399963N	OC11 East End	27x1x.3	Altered Mafic Volcanic – shallow outcrop exposure of chlorite altered mafic volcanic (flow or tuff) with possible silicification and 10 cm rusty zones (due to sulphides)	**1b**	1482210	521599E/ 5397961N	Sheared Mafic Volcanic- fine grained, massive to weak sheared mafic volcanic with weak chlorite (>5%) and 2-3% interstial pyrite	Yes
5-May	AR	Line 46E, 16+95N	520881E	5399600N	OC12	70x15x3	Mafic Flow – poorly exposed plus moss covered > 6", green chlorite > 10% flow with little to no cleavage.	**1a**	No Sample			
5-May	AR	Line 45+40E, 17+25N	520825E	5399578N	OC13 East End	105x8x2.5	Mafic Flow – fine grained, dark green chlorite > 10%, mafic to intermediate flow with strong foliation 064o/ vertical	**1a**	No Sample			

5-May	AR	Line 43+65E, 17+00N	520694E	5399524N	OC14 West End	132x20x5	Mafic Flow Transitions to Mafic Pyroclastic Flow – fine grained, dark green, massive mafic flow with cleavage/foliation at 060o then transitions slow to mafic pyroclastic flow with 10-30% mafic clasts same cleavage/foliation. Cleavage/Foliation 060o/vertical	**1a**	No Sample			
6-May	AR	Line 41+90E, 18+25N	520497E	5399460N	OC1 East End	130x25x4	Mafic (to Intermediate) Flow - fine grained to medium grained, dark green, weak chlorite 5-10% with weak to moderate foliation 040o/22oN, massive mafic to intermediate flow.	**1a**	No Sample			
6-May	AR	Line 41+10E, 19+60N	520351E	5399463N	OC2 West End	32x5x2.5	Mafic Flow – fine grained to medium grained, dark green, weak chlorite 5%, massive mafic flow, weak fractures at 070o/80oS to vertical	**1a**	No Sample			
6-May	AR	Line 35+15E, 21+55N	519669E	5399446N	OC3 East End	132x2-12x5	Mafic Flows – fine grained, grey, massive mafic flows with uneven fractures, several 1-5 cm white quartz veins +/- rusty (<1% sulphides) at 360o/vertical; pinch out <2m, rare cleavage/foliation at 060o/80oN, more jointing northward with 044o/72oN	**1a,**	No Sample			
6-May	AR	Line 34+80E, 21+80N	519570E	5399452N	OC4 West End		Mafic Flow – medium grained, dark green, weak chlorite 5%, massive flow with weak foliation(040o/80oE), several 1-5 cm white quartz veins at 340o/80oE,	**1a**	No Sample			
6-May	AR	Line 34+60E, 21+95N	519570E	5399452N	Fault	< 5cm	Small fault < 5cm @ 042o/ vertical (parallel jointing?) half way along Out crop folded 8 cm quartz vein but orientation?	**1b**	No Sample			
6-May	AR	Line 29+90E, 36+70N	519022E	5399437N	OC5 East End	135x 2-12 x 1-3	Mafic Flows – fine grained, dark grey, (+/- green), blocky massive mafic flows; several 5-10 cm fractures infilled with epidote-quartz-rust (sulphides?), no orientation, weak foliation 080o/80oN vertical, weak joints 028o/76oW; 8m east of Barber Road	**1a**	No Sample			
6-May	AR	Line 28+85E, 27+20N	518902E	5399442N	Fault	10-15 cm	Small outcrop 10-15 cm oxidized zone of limonite and rusted out sulphides (approximately 3-5%), at 300o/vertical	**1b**	No Sample			
6-May	AR	Line 28+30E, 27+30N	518833E	5399422N	OC5 West End	135x2-12x1-3	Mafic Flows – fine grained, dark grey, (+/- green), blocky massive mafic flows; several 5-10 cm fractures infilled with epidote-quartz-rust (sulphides?), no orientation, weak foliation 080o/80oN vertical, weak joints 028o/76oW; 8m east of Barber Road	**1a**	No Sample			
6-May	AR	Line 30+00E, 26+20N	518817E	5399447N	OC6	190x25x5	Pillow Basalt – fine grained to medium grained, medium grey, massive flow to pillow basalt, fractured at 040o/vertical; latest fracture at 350o/vertical, weak foliation at 062o/80oN overprinted by last fracture, east end transitions from massive mafic flows to pillow basalt,	**1a**	No Sample			
6-May	AR	Line 28+10E, 27+80N	518824E	5399432N	OC7 East End	13x2x.2	Pillow Basalt – Flat outcrop of grey, medium grained, massive, pillow basalt with 2:1 stretching	**1a**	No Sample			
6-May	AR	Line 28+25E, 27+95N	518821E	5399466N	OC8	10x2x.1	Pillow Basalt – fine grained, dark grey, massive flat outcrop of pillow basalt	**1a**	No Sample			
6-May	AR	Line 24+85E, 30+10N	518393E	5399454N	OC9	7x6x2	Mafic Flow- fine grained, dark grey-green, massive, mafic flow	**3a**	No Sample			
6-May	AR	Line 24E, 30+40N	518268E	5399448N	OC10 West End	92x2-15x3	Felsic Flow - fracture/joint – 062o/80oN (foliation?), fine grained, grey (weathers cream), massive felsic flow with concoidal fracture, similar to OC 11	**3a**	No Sample			
6-May	AR	Line 24+35E, 30+35N	518331E	5399453N	OC11	6x4x.75	Felsic Flow – fine grained, grey, siliceous unit with concoidal fractures, possibly pyroclastic but heavy moss cover, poor fracturing features, traces of rust/sulphides but only along fractures (irregular), weathered surface is cream to off white.	**3a**	No Sample			
6-May	AR	Line 23+45E, 31+25N	518211E	5399460N	OC12 East End	33x18x2.5	Felsic Flow – fine grained, dark grey to black, massive siliceous flow (felsic) with flow banding (i.e.. High viscous and contorted) and weathers to cream colour; fracture 024o/vertical, fracture 040o/vertical, fracture 300o/vertical	**3a**	No Sample			
6-May	AR	Line 22+95E, 31+60N	518166E	5399439N	OC13	100x13x4	Felsic Flow – fine grained, dark grey to black, massive with concoidal fracture	**3a**	No Sample			
6-May	AR	Line 22+35E, 31+90N	518105E	5399410N	OC13B	9x3x2	Sheared Gabbro- medium grained, dark grey, massive gabbro with strong shearing at 060o/vertical	**7f**	No Sample			
6-May	AR	Line 22E, 32+10N	518080E	5399440N	OC14	65x35x5	Gabbro – fine to medium grained, dark grey, massive, blocky, plagioclase to phyric, sections of > 10% plagioclase crystals; fracture 322o/80oN, fracture 270o/80oN and <1% pyrite	**7b**	No Sample			
6-May	AR	Line 21+55E, 32+10N	518034E	5399439N	OC14B (west end)	10x3x1	Gabbro – fine to medium grained, dark grey, massive, blocky, plagioclase to phyric, sections of > 10% plagioclase crystals; fracture 322o/80oN, fracture 270o/80oN and <1% pyrite	**7b**	279810	518034E/ 5399439N	Sheared Gabbro- medium grained, black, sheared gabbro and 2% quartz eyes and 1% chalcopyrite-pyrite (scattered and interstitial) and weakly magnetic. Base of Gabbro?	
6-May	AR	Line 22+60E, 31+90N	518131E	5399463N	OC15 East End	30x7x2	Gabbro – fine grained, dark grey, gabbro with > 10% plagioclase crystals, no concoidal fractures, fracture 064o/80oN, fracture 280o/vertical and >20% large fragments (>3 metres of altered andesite)	**7b**	No Sample			
8-May	AR	Line 17+45E, 35+60N	517505E	5399463N	OC1 East End	52x5x2.5	Felsic Flow – fine grained to medium grained, light grey with buff weather surface of massive felsic flows, mostly very clean with no rust except fractures	**3a**	1482211	517474E/ 5399464N	Felsic Flow (Rep)- fine to medium grained, grey, siliceous massive felsic flow	Yes
8-May	AR	Line 17+45E, 35+65N	517468E	5399466N	OC1B	1.5 wide	Rusty Zone – zone of darker grey felsic with possible mafic volcanics and sulphide assimilate (up to 20%) with trending 360o/ vertical; In parent felsic flow, fracturing is poor but weak joint (flow band?) at 360o/vertical plus subhorizontal sheeting at 0.2-0.5m	**3a**	1482212	517470E/ 5399461N	Cherty Zone - fine, light grey, very siliceous/ cherty unit with very fine sulphides (<1% pyrite) but not visible at 010o/vertical	Yes
8-May	AR	Line 17+30E, 35+50N	517467E	5399435N	OC2	17x3x.75	Felsic Flow – very similar to OC1, fine to medium grained, light grey, massive felsic flow with banding (flow) at 0120o/vertical; flat	**3a**	No Sample			
8-May	AR	Line 17+30E, 35+50N	517467E	5399435N	Approx. Centre of OC2	1-4 wide	Rusty Zone – with 20% mafic volcanics and sulphides.	**3a, 1a**	No Sample			

8-May	AR	Line 16+90E, 35+55N	517413E	5399455E	OC3 East End	112x 12-15x2	Felsic Flow Transition – fine to medium grained, grey, massive, felsic flow with good flow banding at 008o/vertical for first 5 metres, several orthoclase porphyritic dikes (>1cm) in medium grained granite up to 1 metre at 360o/vertical	**3a**	1482213	517341E/ 5399439N	Orthoclase Porphyry Dike (Rep)- medium grained, orthoclase-plagioclase-quartz-biotite granite with >10% coarse (1cm) orthoclase crystal/phenocrysts	No
8-May	AR	Line 16+35E, 35+90N	517371E	5399439N	OC3B	112x12-15x2	Hybrid- at 48 metres west contact at 010o zone of >50% mafic clasts of basalt (<0.5m) with granite porphyry (orthoclase), same as previous dikes, as matrix material from 10-50%	**1c**	No Sample			
8-May	AR	Line 16+10E, 36+00N	517338E	5399442N	OC3C	112x12-15x2	Orthoclase Porphyritic Granite- at 80 metres west contact at 030o zone orthoclase porphyritic granite, medium grained, grey to green, felsic matrix of orthoclase to plagioclase to quartz to hornblende with 10-20% course orthoclase phenocryst (.5-2 cm), rare < 5% basalt xenoliths	**12a**	No Sample			
8-May	AR	Line 16E+00E, 36+10N	517317E	5399444N	OC3D West End	112x12-15x2	Hybrid- at last 6 metres is mix of 50% basalt xenoliths and 50% orthoclase porphyry granite	**1c**	No Sample			
8-May	AR	Line 16+60E, 36+05N	517308E	5399442N	OC4	115x15x4	Felsic Flow Transition – last 3 metres in basalt mix with felsic flow; 25 metres of fine felsic flow with several (0.5 – 1 metre) orthoclase porphyry granite dikes but < 5%; 35 metre of mixed > 50% basalt with granite (orthoclase) matrix 10-50%; remaining outcrop approximately 72 metres is fine felsic flow with good flow banding 012o/vertical; Irregular fracture but subhorizontal sheeting	**3a, 1c**	No Sample			
8-May	AR	Line 15+30E, 37+15N	517250E	5399449N	OC5	107x10x2.5	Felsic Flow/Granite – first 28 metres is massive, fine grained, foliated, felsic flow; light grey, with 5% small dikes (<.5%) of orthoclase porphyry granite;	**3d**	No Sample			
8-May	AR	Line 15+00E, 37+15N	517198E	5399460N	OC5B	107x10x2.5	Hybrid zone of >50% basalt clasts with felsic flow or granite porphyry matrix; 10-50% joints at 040o/vertical to 80oS (possible foliation) plus subparallel sheeting;	**1c**	No Sample			
8-May	AR	Line 14+70E, 37+25N	517158E	5399440N	OC5C	107x10x2.5	Granite Hybride- last 25 metres is medium grained, grey granite (dike? Porphyry but <5% orthoclase large crystals) and 5-10% basalt clasts (10-50cm) end of outcrop line 340o?	**12b**	No Sample			
8-May	AR	Line 15+00E 36+65N	517218E	5399482N	OC6	70x10x3	Across from OC5- West to East- Felsic Flow/ Granite- 5 metres of granite with >20% basalt xenoliths (.2-.5); 42 metres of mixed >50% basalt with xenoliths with 10-50% matrix of felsic flows or granite porphyry; 35 metres of massive felsic flow with jointing 300o/vertical and subparallel sheeting	**12a, 1c, 3a-3d**	No Sample			
8-May	AR	Line 11+50E, 38+90N	516851E	5399345N	OC7 West End	129x>30x4	See Below	**12a**	No Sample			
8-May	AR	Line 12+60E, 38+30N	516954E	5399381N	OC7 East End	129x>30x4	Granite- medium grained, grey to pink, granite with orthoclase (40%), plagioclase (25%), quartz(20%), hornblende (5%) +/- <5% xenoliths (basalt); Jointing well developed; joint 1- 270o/60oN, joint 2 022o/vertical; rare quartz vein (<10cm) along fracture	**12a**	1482214	516865E/ 5399355N	Ottertail Granite- medium grained, pink, orthoclase >40% rich granite with blocky fractures (see original fractures)	Yes
8-May	AR	Line 12E, 38+35N	516885E	5399323N	OC8	10x2x.2	Granite- same grey to pink granite as OC7; more grey to east and progressively more pink to west; poorly exposed	**12a**	No Sample			
8-May	AR	Line 21+00E, 14+15N	517856E	5399624N	OC9	9x6x1	Felsic Flow- fine grained, grey, massive flow (uncovered scrap wood), approximately 100 metres east of Little Turtle Road	**3a**	No Sample			
8-May	AR	Line 22+60E, 13+70N	517995E	5399639N	OC10	40x20x3	Fine Grained Gabbro- fine to medium grained, dark grey to green, massive gabbro with <20% plagioclase in chlorite to pyroxene/hornblende	**7b**	No Sample			
8-May	AR	Line 22+95E, 14+25N	517980E	5399722N	OC11	15x2x.5	Felsic Flow- fine grained, grey, massive felsic flows	**9a, 2a**	No Sample			
8-May	AR	Line 22+70E, 14+35N	517950E	5399715N	OC12	40x25x2	East End- Felsic Flow- small outcrop of fine grained, massive felsic flow; rare quartz vein (white) < 3 inches	**3a**	No Sample			
8-May	AR	Line 22+60E, 14+85N	517925E	5399709N	OC13 East End	45x20x.75	Felsic Flow – fine grained, massive felsic flow, with concoidal fractures, banding/joint 340o/vertical	**3a**	No Sample			
8-May	AR	Line 21+70E, 15+15N	517854E	5399698N	OC14	20x30x2	Felsic Flow- same as OC13, massive but no visible bands or fractures;	**3a**	No Sample			
8-May	AR	Line 21+15E, 16+20N	517744E	5399720N	OC14B	10x2x.2	the last 80 metres has 4-5 small outcrops 10x2x.2 often felsic flows most are poorly visible	**3a**	No Sample			
8-May	AR	Line 21+35E, 16+50N	517748E	5399815N	OC15	50x>30x2	Felsic Gneiss- fine grained, grey, massive to weakly foliated, siliceous, felsic flows, with weak to moderate metamorphic overprint	**3a**	No Sample			
8-May	AR	Line 21+20E, 16+90N	517710E	5399830N	OC16	60x100x4	Felsic Gneiss- fine grained, grey, massive to weakly foliated, siliceous, felsic flows, with weak to moderate metamorphic overprint	**3d**	No Sample			
8-May	AR	Line 22E, 17+35N	517744E	5399893N	OC17	120x45x1	Felsic Gneiss- fine grained, grey, massive to weakly foliated, siliceous, felsic flows, with weak to moderate metamorphic overprint, fracture 360o/80oW	**3d**	No Sample			
8-May	AR	Line 22E, 17+55N	517725E	5399900N	OC18	55x10x1	Felsic Gneiss- fine grained, grey, massive to weakly foliated, siliceous, felsic flows, with weak to moderate metamorphic overprint; fracture 340o/vertical	**3d**	No Sample			
9-May	AR	Line 8+40E, 17+40N	517832E	5397445N	OC1	80x45x3	Gabbro- large, massive, black outcrop of medium grained, melanogabbro with less (<10% white plagioclase), weakly magnetic;	**7b**	1482215	517832E/ 5397445N	Same	No
9-May	AR	Line 32E, 27+70N	519315E	5399683N	OC2	30x6x1.2	Felsic Flow- fine to medium grained, grey, massive flat outcrop of felsic flow with 5% plagioclase phenocrysts	**3a**	No Sample			
9-May	AR	Line 33+05E, 26+45N	519265E	5399608N	OC3	12x5x1.5	Felsic Flow (Dark)- fine grained, dark, chloritic, felsic flow, with 3-5% blue quartz eyes	**3a**	1482216	519404E/ 5399600N	Same	Yes
9-May	AR	Line 36+30E, 26+00N	519573E	5399771N	OC4	10x4x.1	Felsic Flow- medium grained, massive, black felsic flow with >5% blue quartz eye; almost weak porphyritic, weak fracture 046o/vertical	**3a**	No Sample			
9-May	AR	Line 37+05E, 26+90N	519580E	5399906N	OC5	>50x400x >15	Felsic Flow- fine to medium grained, black, chloritic (Fe) felsic flow, massive + 5% blue quartz eyes; weak fracture 064o/vertical	**3a**	1482217	519580E/ 5399906N	Same	Yes

9-May	AR	Line 37+20E, 27+05N	519584E	5399973N	OC6	35x10x1	Metagabbro/Amphibolite (Diabase?)- medium grained, speckled, gabbro with weak foliation 360o/vertical	**13**	1482218	519584E/ 5399973N	Same	Yes
9-May	AR	Line 37+25E, 27+70N	519547E	5400020N	OC7	120x25x1	Felsic Flow- sinuous outcrop, fine to medium grained, massive, buff (weathered) outcrop with black and blue quartz eye	**3a**	No Sample			
9-May	AR	Line 37+25E, 28+15N	519495E	5400055N	OC8	20x6x.1	Felsic Flow- very flat outcrop of buff felsic flow, black with quartz eyes, flow bands at 048o/vertical	**3a**	No Sample			
9-May	AR	Line 37+45E, 29+30N	519480E	5400102N	OC9	25x8x2.5	Felsic Flow- fine to medium grained, massive, buff outcrop of felsic flow with good flow banding 052o/vertical	**3a**	No Sample			
10-May	AR	Line 32+40E, 22+50N	519409E	5399203N	Quarry West	110x35x6	Large Blast Quarry composed of chlorite schist (basalt) to fine grained gabbro in east. (chlorite schist to basalt with weak to moderate metamorphism)	**1b, 7f**	1482219	519447E/ 5399248N	Same	No
10-May	AR	Line 33+55E, 22+30N	519558E	5399299N	Quarry East	120x30x4	Gabbro - fine to medium grained, speckled with under 10% plagioclase, weak fracturing at 060o/vertical)	**7f**	1482220	519558E/ 5399299N	Same	Yes
10-May	AR	Line 34+75E, 22+55N	519648E	5399369N	OC1	6 m quartz zone	Over 50% white quartz veins in fine to medium gabbro; sporadic sulphides from trace - 5% of Py - Po +/- Cpy - Moly	**QV**	1482221	519648E/ 5399396N	Same	Yes
10-May	AR	Line 28+65E, 26+00N	518920E	5399319N	OC2	4x2.5x.2	Felsic Flow- poorly exposed and flow outcrop of felsic flow, fine grained, dark grey, siliceous unit with >2% blue quartz eye, no fractures	**3a**	1482222	518920E/ 5399319N	Same	No
10-May	AR	Line 29+00E, 26+10N	518930E	5399340N	OC3	20x3x2	Felsic Flow- similar to OC2, foliation at 038o/80oS, fracture at 338o/70oW	**3a**	No Sample			
10-May	AR	Line 38E, 22+50N	519884E	5399563N	OC4	65x25x2.5	Gabbro- large massive, black medium grained, gabbro-crystalline (metamorphic?) (Grab Sample May 10E)	**7f**	1482223	519884E/ 5399563N	Same	Yes
12-May	AR/BB	Line 49+80E, 27+75N	520636E	5400718N	OC1	15x5x1.5	Sheared Felsic Flow- medium grained, felsic unit of plagioclase to orthoclase to biotite with > 20% blue quartz, weak to moderate shearing 066o/80oN.	**3b**	No Sample			
12-May	AR/BB	Line 49+85E, 27+95N	520640E	5400740N	OC1B	12x4x12	Felsic Flow - several small outcrop (2m2), of similar felsic flow to OC1, over 50m2	**3a**	No Sample			
12-May	AR/BB	Line 50+45E, 28+50N	520648E	5400830N	OC2	5x2x.1	Felsic Flow- subcrop of massive to weak sheared felsic flow at 066o/vertical, small quartz vein (1cm) at 360o	**3a**	No Sample			
12-May	AR/BB	Line 50+72E, 28+42N	520676E	5400836N	OC3	25x12x1.5	Andesite Flow (REP)- fine grained, grey, massive, andesite flow with > 5% calcite alterations, weak fracture/shear at 044o/vertical	**2a**	1482224	520676E/ 5400823N	Same	Yes
12-May	AR/BB	Line 50+65E, 28+37N	520665E	5400836N	OC3B	0.3m wide	Mafic Dike (REP)-cut through OC3 at 082o/vertical		1482225	520665E/ 5400836N	Same	No
12-May	AR/BB	Line 50+20E, 28+81N	520576E	5400940N	OC4	30x8x2	Andesite Flow- fine grained, grey to greyish, massive to weak fracture at 046o	**2a**	No Sample			
12-May	AR/BB	Line 50+80E, 29+35N	520567E	5401002N	OC5	6x3x1	Gabbro (REP)- medium grained, chlorite, massive gabbro, non magnetic, blocky at 060o	**7a**	1482226	520567E/ 5400002N	Same	Yes
12-May	AR/BB	Line 50+95E, 29+90N	520547E	5401046N	OC6	25x10x.2	Andesite Flows- fracture/shear at 078o/vertical, medium grained, weak shear at 078o similar to previous OC4	**2a**	No Sample	520338E/ 5399278N	across shear	
							Thompson Trench 1 (East) Sampling					
13-May	AR/BB	Line 40+26E, 17+12N	520414E	5399288N	OC1 West End	15x6x1.2	Andesite Tuff/Flows (REP) (along N-S stripped area) channel by Sedex-631524- medium grained, shear 040o/vertical; light green, weak calcite to chlorite (10-15%), soapy appearance (East Extension)	**2b**	1482235	520426E/ 5399276N	Same	Yes
13-May	AR/BB	Line 40+28E, 17+14N	520411E	5399285N	OC1 Cont'd North End		Shear Felsic Flow/Tuff(REP)- medium grained, grey shear (040o/vertical) felsic unit with grey and blue quartz eyes (5-10%) (therefore Tim's quartz eye tuff)	**3b**	1482236	520411E/ 5399285N	Same	Yes
13-May	AR/BB	Line 40+48E, 17+59N	520413E	5399297N	OC2	16x10x2	Andesite (to Dacite) Flow-intermediate flow is massive, medium grained, light green weak chlorite to calcite (10%), greasy, fractured 010o/vertical	**2b**	No Sample			
13-May	AR/BB	Line 38+08E, 17+40N	520209E	5399181N	Blast Pit 1	2x.5	80% white quartz vein	**QV**	1482232	520209E/ 5399181N	>80% white quartz and chlorite schist	Yes
13-May	AR/BB	Line 38+95E, 17+45N	520232E	5399194N	Blast Pit 2	3x.5	See Sample	**QV**	1482229, 1482231	520232E/ 5399194N	White to orange quartz- 80% white quartz in chlorite schist, basalt	Yes
13-May	AR/BB	Line 39+30E, 17+70N	520254E	5399221N	Blast Pit 3	2x2	See Sample	**QV**	1482230	520254E/ 5399221N	>90% orangy quartz +/- ankerite	Yes
13-May	AR/BB	Line 37+75E, 17+40N	520172E	5399159N	Blast Pit 4	1x5	See Sample	**QV**	1482233	520172E/ 5399159N	Quartz, chlorite, pyrite	Yes
13-May	AR/BB	Line 39+96E, 16+90N	520422E	5399240N	OC3 South End	>100x>50	Mafic Flow-fine grained, dark green chlorite (>10%), massive to shear mafic flow (to pillows-south) shear at 040o/80oN,	**1b**	No Sample			
13-May	AR/BB	Line 40+34E, 17+20N	520408E	5399267N	OC4 East End	50x7x3	Andesite Tuff/Flow- 50x7x3 at 024o, weak fracture at 020o/vertical, intermediate	**2a**	No Sample			
13-May	AR/BB	Line 40+30E, 17+58N	520390E	5399300N	OC5		Pillow Basalt- large ridge >4 metres trending (240o) of fine grained, green chlorite, basalt with fine (1-3cm) quartz to ankerite veins parallels formation	**1a**	1482234	520390E/ 5399300N	Mafic Volcanics with 3cm Ankerite to Quartz Vein and 2% Pyrite	Yes
13-May	AR/BB					55x35x6	Thompson Trench 2 (West) Sampling					
13-May	AR/BB	Line 39+84E, 17+62N	520354E	5399284N	Zone 1 Lower End	5-7x45x.2	Weak to moderate zone, 5-7 metres, of sheared pillow basalt with <2% ankerite alternation and rare quartz veins trending 240o	**1b**	No Sample			
13-May	AR/BB	Line 39+62E, 17+73N	520342E	5399269N	Zone 2 Middle Zone	6-14x48x3	Moderately to strongly altered ankerite and 1-10cm quartz veins, trending 240o and 310o, within this chlorite altered basalt	**1b**	1482227	520338E/ 5399278N	1 metre (N/S) chip sample, 4" quartz veins with ankerite alteration and pillow basalts	Yes

13-May	AR/BB	Line 39+60E, 17+74N	520343E	5399275N			See Sample	**1b**	1482228	520338E/ 5399278N	1 metre (E/W) chip sample, highly sheared basalt with 50% quartz veins	Yes
13-May	AR/BB	Line 39+58E, 17+75N	520313E	5399288N	Zone 3 Upper Zone	>50x15x1	Foliated Pillow Basalt with weak shearing at 240o/vertical with minor (<5%) ankerite alteration and rare quartz veins	**1b**	No Sample			
15-May	AR/BB	Line 8+55E, 15+20N	517893E	5397252N	OC1	45x24x2	Massive Mafic Flows/Basalt- fine grained, dark grey, massive, basalt/mafic flow with good flows and weak fractures, jointing 305o/80oE (thick flow), fracturing (weak) 042o/80oW	**1a**	1482237	517912E/ 5397262N	10cm wide (East) shear with (020o/vertical) with 1-2% pyrite	Yes
15-May	AR/BB	Line 8E+08, 15+75N	517869E	5397301N	OC2	25x12x.5	Massive Basalt + 1% Pyrite- fine grained, dark grey, massive basalt with very fine 1-2% pyrite	**1a**	1482238	517869E/ 5397301N	Same as OC	Yes
15-May	AR/BB	Line 7+60E, 16+25N	517800E	5397308N	OC3	42x7x1	Mafic Flow - fine grained, black, massive flow with trace-1% pyrrhotite (fine) with 1.5m shear at 060o/80oN, possible shallow blast pit (0.9x2x0.2 at 066o)	**1a**	1482239	517800E/ 5397308N	Same as OC	Yes
15-May	AR/BB	Line 8E, 17+00N	517790E	5397402N	OC4	104x35x4	Medium Grained Gabbro- medium grained, dark grey to black, speckled on weathered face with 20% plagioclase, weakly-moderate magnetic (variable)	**7a**	1482240	517790E/ 5397402N	Small outcrop (20x10x.5) continue to west, trace-1% pyrrhotite or pyrite	Yes
15-May	AR/BB	Line 7+70E, 17+40N	517760E	5397421N	OC5	40x5x1	Fine to Medium Grained Gabbro- long outcrop of fine to medium grained gabbro, similar to outcrop 4 with 1-2% fine grained pyrite.	**7b, 7a**	No Sample			
15-May	AR/BB	Line 7+70E, 17+70N	517740E	5397430N	OC6	100x30x5	Felsic Flow- fine grained, dark grey, massive felsic flow with weak fractures 042o/vertical	**3a**	1482241	517740E/ 5397430N	Same as OC	Yes
15-May	AR/BB	Line 6E, 16+90N	517613E	5397290N	OC7A	>200x80x15	Felsic Flow- fine grained, dark grey, felsic unit with >10% grey quartz eyes, fracturing 360o/80oW	**3a**	1482242	517629E/ 5397285N	Same as OC	No
15-May	AR/BB	Line 6E, 16+55N	517647E	5397268N	OC7B	>200x80x15	Gabbro- fine grained, black, gabbro, speckled (weathered surface), fracture @20o/80oE	**7a**	1482243	517647E/ 5397268N	Same as OC	Yes
15-May	AR/BB	Line 5+90E, 15+90N	517681E	5397218N	OC7B2	>200x80x15	Shear Gabbro- fine grained, black, weak shear gabbro with fine sulphide (pyrite), approximately 1-2%	**7f**	1482244	517681E/ 5397218N	Same as OC	Yes
15-May	AR/BB	Line 4+80E, 16+40N	517601E	5397187N	OC7B3	2x1x>10	Felsic Flow- fine grained, grey, felsic with 5-10% grey quartz eyes	**3a**	1482245	517601E/ 5397187N	Same as OC	Yes
15-May	AR/BB	Line 4+60E, 16+50N	517575E	5397182N	OC7C	3-7m wide @ 340o/ vertical	Felsic Flow- fine grained, grey, massive, weak fracture at 340o/vertical with 5-10% grey quartz eyes	**3a**	No Sample			
15-May	AR/BB	Line 3+35E, 18+20N	517287E	5397356N	OC8	50x50x2	Felsic Flow- medium grained, grey, massive, felsic flow with grey/blue quartz eyes	**3a**	1482246	517287E/ 5397356N	Same as OC	Yes
16-May	AR/BB	Line 12E, 16+50N	518201E	5397509N	OC1	220x80x6	Felsic Volcanic +/- Shear (030o)-continued approximately 100 metres on both sides of Line 12E up to 5m high on southwest face, Shear Felsic Volcanic- fine grained, grey, sheared, felsic with rare quartz eyes and biotite alteration(>5%) shear with calcite to ankerite	**3a, 3b**				
16-May	AR/BB	Line 12+05E, 16+35N	518201E	5397509N			See Sample	**12b**	1482247	518201E/ 5397509N	Felsic Dike-medium grained, grey speckled, felsic unit with >5% blue quartz eyes, possible dike (?)	No
16-May	AR/BB	Line 11+25E, 16+50N	518126E	5397459N			See Sample	**3a**	1482248	518126E/ 5397459N	Felsic Volcanic-very fine grained, grey unit (felsic) with grey quartz eyes (2-3%) and 3-4% very fine pyrite/ pyrrhotite (0.5%); little to no shearing.	Yes
16-May	AR/BB	Line 11+75E, 16+65N	518153E	5397537N			See Sample	**3b**	1482249	518153E/ 5397537N	Shear Felsic Volcanic- fine grained, grey, sheared, felsic with rare quartz eyes and biotite alteration(>5%) shear with calcite to ankerite	Yes
16-May	AR/BB	Line 12+70E, 16+50N	518255E	5397602N			See Sample	**3b**	1482250	518255E/ 5397602N	Shear Felsic Volcanic- similar to 1482249 , fine grained, grey, shear, felsic with 5% biotite to ankerite	No
16-May	AR/BB	Line 14+15E, 20+25N	518103E	5398016N	OC2	7x3x2	Felsic Flow- fine grained, black, felsic flow with grey quartz eyes, joints 070o/80oN	**3a**	1482251	518103E/ 5398016N	Same as OC	No
16-May	AR/BB	Line 13+90E, 19+70N	518082E	5397961N	OC3	6x3x60	Felsic Flow (?) (massive)- medium grained, dark grey to black, felsic flow (?) to 1-3% grey quartz eyes, hard to identify, has 2-3% medium to course pyrite to pyrrhotite,	**3b**	1482252	518101E/ 5397968N	Same as OC	Yes
16-May	AR/BB	Line 13+80E, 18+85N	518080E	5397950N	OC3B		Felsic Flow- fine grained, dark, grey, massive, felsic flow+10% grey quartz eyes	**3a**	1482253	518080E/ 5397950N	Same as OC	No
16-May	AR/BB	Line 14+95E, 18+80N	518204E	5397959N	OC3C		Shear Felsic Flow- fine grained, dark grey-green, weak to moderate shearing (?), felsic flow with >5% blue quartz eyes and approximately 5% calcite alteration	**3b**	1482254	518204E /5397959N	Same as OC	Yes
16-May	AR/BB	Line 15+10E, 18+80N	518207E	5397956N	OC3D	1m shear ridge	Sheared Felsic Volcanics and Quartz Ankerite Vein- grey, bleached felsic volcanic with 1-2 cm quartz to ankerite vein, both parallel to shears and 030o/vertical (042o/vertical), 1 metre shear ridge of felsic volcanic with 2-3% grey quartz eyes, GPS approximately 105 metres “East” of sample	**3b, QV**	1482255	518207E/ 5397956N	Same as OC	Yes
16-May	AR/BB	Line 15+25E, 19+00N	518228E	5397988N	OC3E		Felsic Flow-fine grained, dark grey, massive with 7-8% blue quartz eyes/strained	**3a**	1482256	518228E/ 5397988N	Same as OC	No
16-May	AR/BB	Line 14E, 16+45N	518293E	5397715N	OC4	10x5x1	Felsic Flow- fine grained, dark grey, felsic flow with 3-5% grey quartz eyes, weak biotite alteration plus 1-2% pyrite (medium to coarse), weak fracture 038o/vertical.	**3b**	1482257	518293E/ 5397715N	Same as OC	Yes
16-May	AR/BB	Line 13+35E, 15+85N	518293E	5397645N	OC5	80x10-15x3	Felsic Flow- fine grained, dark grey to grey, felsic flow	**3a**	1482258	518293E/ 5397645N	Same as OC	No
16-May	AR/BB	Line 14E, 14+60N	518391E	5397551N	OC6	10x10x1.5	Chlorite Basalt/Mafic Volcanic- fine to medium grained, dark green chlorite (>10%) basalt with approximately 30% plagioclase, poorly exposed	**1b**	1482259	518391E/ 5397551N	Same as OC	Yes

16-May	AR/BB	Line 13+95E, 11+55N	518571E	5397303N	OC7	>150x40x5	Chlorite Felsic Flow- fine grained, dark grey to green, weak chlorite alteration (<5%) with 2-5% grey quartz eyes, trace to 2% pyrite (very fine), possible weak shear at 020o (parallel to outcrop)	**3b**	1482260	518571E /5397303N	Same as OC	Yes
16-May	AR/BB	Line 13+95E, 11+10N	518605E	5397342N	OC7B	>150x40x5	Felsic Flow (Unaltered)- fine grained, light grey, massive to blocky felsic unit >10% grey quartz eyes	**3a**	1482261	518605E/ 5397248N	Felsic Flow (Unaltered)- fine grained, light grey, massive to blocky felsic unit >10% grey quartz eyes	No
16-May	AR/BB	Line 15+60E, 10+50N	518814E	5397237N	OC8	210x50x4	Granite- medium grained, light grey, granite with >30% pale blue quartz, weak strain	**12a**	1482262	518814E/ 5397237N	Same as OC	Yes
16-May	AR/BB	Line 15+90E, 17+50N	518392E	5397918N	OC9	14x18x1.5	Chlorite Actinolite Altered Gabbro- medium grained, dark green chlorite to actinolite gabbro (plagioclase crystals visible), blocky fracture 360o/vertical	**7b**	1482263	518392E/ 5397918N	Same as OC	Yes
16-May	AR/BB	Line 16E, 11+25N	518762E	5397401N	OC10	30x5-6x<1	Felsite Dike- fine to medium grained, off white, felsic rich rock with >10% clear quartz eyes	**12b**	1482264	518762E/ 5397401N	Same as OC	Yes
16-May	AR/BB	Line 16E, 12+00N	518724E	5397457N	OC11	25x4x2	Andesitic Flow- fine to medium grained, grey to green, weak calcite to ankerite	**2b**	1482265	518724E/ 5397457N	Same as OC	Yes
16-May	AR/BB	Line 16E, 17+85N	518372E	5397932N	OC12A	75x35x1-2	Granodiorite- medium grained felsic unit with 5-10% grey quartz, 40-45% grey plagioclase, >30% hornblende, blocky at 010o//vertical	**12a**	1482266	518372E/ 5397932N	First 25 metres, same	No
16-May	AR/BB	Line 16E, 18+05N	518361E	5397967N	OC12B	75x35x1-2	Weak Shear Mafic Volcanic- > 20 metre wide ridge of fine grained, green, weak chlorite (15%), mafic flow but no quartz eyes, Shear 020o/80oN	**1b**	1482267	518361E/ 5397967N	Same as OC	Yes
16-May	AR/BB	Line 16E, 13+90N	518629E	5397602N	OC13A	65x23x4	Gabbro- calcite shear 040o/vertical, fine to medium grained, dark green to black gabbro of chlorite to hornblende, weakly magnetic	**7b**	1482268	518629E/ 5397602N	Same as OC	Yes
16-May	AR/BB	Line 16+15E, 14+13N	518607E	5397627N	OC13B		See Sample	**7b**	1482269	518607E/ 5397267N	Gabbro with Quartz- 1-2 cm rusty quartz vein within gabbro	Yes
19-May	AR/BB	Line 18E, 14+97N	518716E	5397833N	OC1A	10x3x1 @040o	Medium Grained Gabbro- medium grained, green, weak chlorite to actinolite (<10%) gabbro with 1 cm quartz to calcite vein	**7b**	1482270	518716E/ 5397833N	Same as OC	No
19-May	AR/BB	Line 18E, 14+50N	518769E	5397803N	OC1B	70x25x3	Gabbro- medium grained, green, weak chlorite, massive gabbro, non magnetic	**7b**	1482271	518769E/ 5397803N	Same as OC	No
19-May	AR/BB	Line 18+45E, 12+75N	518717E	5397797N	OC1C	<5m wide	Basalt (Dike)- fine grained, dark grey to green, massive basalt dike	**1a**	1482272	518717E/ 5397797N	Same as OC	No
19-May	AR/BB	Line 18E, 12+50N	518859E	5397608N	OC2A	>150x100x8	Gabbro- medium grained, green, gabbro with 1% pyrite	**7a**	1482273	518859E/ 5397608N	Same as OC	Yes
19-May	AR/BB	Line 18+20E, 12+40N	518893E	5397617N	OC2B	>150x100x8	Carbonate Altered Gabbro- high shear gabbro with >20% calcite +/- ankerite alteration	**7f**	1482274	518893E/ 5397617N	Same as OC	Yes
19-May	AR/BB	Line 18E, 12+00N	518888E	5397570N	OC2C	>150x100x8	Felsic Flow- fine grained, green, felsic to intermediate flow with 1% pyrite	**3a**	1482275	518888E/ 5397570N	Same as OC	Yes
19-May	AR/BB	Line 18+20E, 12+50N	518893E	5397590N	OC2D	>150x100x8	Carbonate Altered Gabbro- fine to medium grained, green, chlorite mafic volcanic/ intrusive with 75% calcite shear, gabbro or basalt (?)	**7f**	1482276	518893E/ 5397657N	Same as OC	Yes
19-May	AR/BB	Line 17+90E, 11+35N	518926E	5397503N	OC2E	>150x100x8	Granodiorite- medium grained, massive granodiorite with approximately 20% hornblende and approximately 20% blue quartz (strain)	**12a**	1482277	518926E/ 5397503N	Same as OC	No
19-May	AR/BB	Line 18E, 9+75N	519044E	5397345N	OC3A	360x75x10	Hybrid-Granite in Gabbro- coarse granite dike cross cutting gabbro	**7a, 12a**	1482278	519044E/ 5397345N	Same as OC	No
19-May	AR/BB	Line 18+10E, 10+30N	519004E	5397420N	OC3B	360x75x10	Felsic Flow- fine grained, green, weak chlorite (>5%) with 5% grey quartz eyes	**3a**	1482279	519004E/ 5397420N	Same as OC	Yes
19-May	AR/BB	Line 16E, 21+40N	518163E	5398227N	OC4	40x10x1	Felsic Flow- fine grained, smoky grey, siliceous unit with grey 10% quartz eyes, massive, no good fractures, continues to south as large ridge	**3a**	1482282	518163E/ 5398222N	Same as OC	Yes
19-May	AR/BB	Line 16E, 21+10N	518196E	5398206N	OC5	6x4x1	Felsic Flow- felsic flow with >5% blue and grey quartz eyes	**3a**	1482283	518196E/ 5398206N	Same as OC	No
19-May	AR/BB	Line 16E, 20+85N	518190E	5398185N	OC5B	10x4x1	Felsic Flow- fine grained, grey massive to blocky felsic flow as small outcrop (5x5 or smaller), no good fractures,.	**3a**	No Sample			
19-May	AR/BB	Line 16E, 20+45N	518215E	5398154N	OC6	10x20x3	Felsic Flow- fine grained, dark grey, massive to weak shearing (030o/vertical) felsic flow with 3-5% blue +/- grey quartz eyes, gps part of ridge.	**3a, 3b**	1482284	518244E/ 5398144N	Same Felsic Unit with weak fractures/joints at 360o/S, and 5 % blue quartz eyes and 1-2% pyrite	Yes
19-May	AR/BB	Line 16E, 19+60N	518235E	5398092N	OC7	20x12x.5	Sheared Felsic Flow- fine grained, dark green, chloritic (>105) +/- biotite altered felsic flow with possible weak ankerite alteration (<5%) and fine quartz vein(4%), shear at 040o/80oN	**3b**	1482285	518235E/ 5398092N	Same as OC	Yes
19-May	AR/BB	Line 16E, 19+00N	518344E	5398023N	OC8	85x30x3	Felsic to Intermediate Flow- weak fracturing 042o/vertical, fine grained, grey, weak chlorite (<5%) with 2-3% grey quartz eyes, possible specks (<1% magnetite	**3a, 2a**	1482286	518344E/ 5398023N	Same as OC	No
19-May	AR/BB	line 16E, 18+75N	518315E	5398021N	OC9	5x2x1	Weakly Sheared Basalt- fine grained, green, chlorite >10% basalt (almost schist) with cleaving or foliation (moderate) 046o/vertical	**1b**	1482287	518315E /5398021N	Same as OC	No
19-May	AR/BB	Line 18E, 17+40N	518575E	5398000N	OC10	6x6x1	Gabbro- medium grained, speckled, dark green, weak chlorite (<5%) gabbro with 30% plagioclase crystals, weak shearing and fracturing	**7b**	1482288	518575E/ 5398000N	Same as OC	Yes
19-May	AR/BB	Line 17+75E, 20+00N	518406E	5398220N	OC11		Gabbro/Basalt- fine grained, dark grey to mafic unit, massive, jointing at 272o/76oN, fracture at 034o/vertical	**1a, 7a**	1482289	518406E/ 5398220N	Same as OC	Yes
19-May	AR/BB	Line 18+15E, 20+15N	518435E	5398244N	OC12	20x18x.8	Basalt/Gabbro- similar to outcrop 11 (NS), jointing at 352o/vertical, fracturing at 060o/vertical	**1a, 7a**	No Sample			
19-May	AR/BB	Line 18E, 20+50N	518397E	5398263N	OC13	6x1.5x.5	Andesite to Dacite Flow-fine to medium grained, grey to green, intermediate flow with <2% quartz eyes and 1-2% pyrite	**2a**	1482290	518397E / 5398263N	Fine to coarse pyrite1 to 1.5% pyrite	Yes
19-May	AR/BB	Line 17+90E, 20+65N	518345E	5398258N	OC14	55x30x4	Felsic Flow- fine grained, dark grey to black, felsic flow with concoidal fractures and 10% grey to blue quartz eyes, trace pyrite, large ridge	**3a**	1482291	518345E/ 5398285N	Same as OC	No

19-May	AR/BB	Line 18E, 21+02N	518357E	5398310N	OC15	60x30x3	Shear Felsic Flow- fine grained, dark grey weak shear, (048o/vertical) felsic flow with 1-2% pyrite interstitial and 2-3% along fracture (4-5% pyrite)	**3b**	1482292	518357E/ 5398310N	Same as OC	Yes
19-May	AR/BB	20BL+1700E	518340E	5398185N	Trench Sample	1.5 chip	Sheared Basalt - fine grained, weak chlorite, (>10%) sheared basalt (north side)	**1b**	1482280	518340E/ 5398185N	Sheared Basalt - fine grained, weak chlorite, (>10%) sheared basalt (north side)	Yes
19-May	AR/BB	20BL+1700E			Dump Sample		Sheared Basalt - fine grained, grey green, shear basalt, with >10% silicification and 1-2% pyrite	**1b**	1482281	518337E/ 5398188N	Sheared Basalt - fine grained, grey green, shear basalt, with >10% silicification and 1-2% pyrite	Yes
20-May	AR/BB	Line 20E, 14+75N	518891E	5397915N	OC1	60x15x1.5	Chlorite Basalt- west end has a 0.5 metre wide at 030o, while the rest of the unit is a fine grained, dark green, chlorite >10% altered basalt with 2-5% calcite altered.	**1b**	1482293	518891E/ 5397915N	Same as OC	Yes
20-May	AR/BB	Line 20E, 14+45N	518906E	5397892N	OC2A	>75x40x4	Chlorite Schist Basalt- fine grained, dark green, chloritic (>30%), foliated @ 030o with jointing at 340o/V	**1b**	1482294	518909E/ 5397892N	Same as OC	No
20-May	AR/BB	Line 20+55E, 14+20N	5189686E	5397899N	OC2B		Felsic Flow- medium to fine grained, quartz eyes (>30%) in grey green, chlorite (<10%)	**3b**	1482295	518968E/ 5397899N	Same as OC	Yes
20-May	AR/BB	Line 20E, 12+90N	518978E	5397790N	OC3A	20x10x2	Chlorite +/- Actinolite Altered Basalt/ Gabbro- fine grained, dark green, weak chlorite and Actinolite Alter (<10%) shear 035o/vertical	**7b**	1482298	518992E/ 5397765N	Same as OC	Yes
20-May	AR/BB	Line 20E, 13+30N	518999E	5397765N	OC3B	30x15x2	Chlorite +/- Actinolite Altered Basalt / Gabbro - fine grained, dark green, weak chlorite and Actinolite altered (<10%) shear 035o/vertical	**7b**	1482296	518978E/ 5397790N	Sericite Schist (Felsic)- fine grained, off white, shear (030o/vertical) altered felsic and >10% sericite	Yes
20-May	AR/BB	Line 19+90E, 10+45N	519116E	5397574N	OC4A	50x50x5	Felsic Dike- fine grained, light green, shear (035o/vertical) with <5% serite alteration, hosted by a large granite body.	**12b**	1482297	519116E/ 5397574N	Same as OC	No
20-May	AR/BB	Line 20+40E, 11+37N	519114E	5397651N	OC5A	2x3x10	Medium to High Sheared Felsic Volcanics- medium grained, grey to green >10% chlorite to sericite to calcite altered felsic flow/tuff with > 10% blue quartz eyes, shear at 030o/vertical	**3b**	1482299	519114E/ 5397651N	Same as OC	Yes
20-May	AR/BB	Line 20E, 11+00N	519095E	5397665N	OC5B	50x50x5	Granite- fine to medium grained “red” to grey, granite with grey to blue (to core) quartz crystals	**12a**	No Sample			
20-May	AR/BB	Line 22+20E, 10+40N	519273E	5397716N	OC6	25x10x2	Grey Granite-medium grained, grey weathered granite with 5% hornblende and>5% grey quartz eyes	**12a**	1482300	519277E/ 5397688N	Same as OC	No
20-May	AR/BB	Line 22E, 11+65N	519229E	5397768N	OC7	50x25x3 @040o	Shear Felsic Flow- fine grey to green, weak shear 040o/vertical, felsic flow/tuff with weak calcite (5%) alteration and >5% grey quartz eyes	**3b**	1482301	519229E/ 5397768N	Same as OC	Yes
20-May	AR/BB	Line 22E, 12+20N	519195E	5397821N	OC8	45x10x2	Felsic Flow- fine to medium grained, green to grey, felsic flow with >10% chlorite and ankerite and calcite alteration +/- trace pyrite, shear at 040o/vertical	**3b**	1482302	519195E/ 5397821N	Same as OC	Yes
20-May	AR/BB	Line 22E, 12+90N	519235E	5397890N	OC9	30x10x1.5	Felsic Flow- medium to coarse grained, grey to green, felsic volcanic, with blue quartz eyes, weak to no shearing.	**3a**	No Sample			
20-May	AR/BB	Line 21+75E, 14+00N	519073E	5397959N	OC 10	50x8-10x1.5	Shear Felsic Volcanic- fine grained, light green, high sheared felsic volcanics with >10% sericite to calcite alternation	**3b**	1482303	519073E/ 5397959N	Same as OC	Yes
20-May	AR/BB	Line 20E, 21+40N	518508E	5398468N	OC10 B	18x7xx1	Shear Basalt/Gabbro- fine to medium grained, dark green to black (west), basalt to gabbro with weak shear/strain 030o/vertical, 2-3% oxide/sulfides	**1a, 7a**	1482304	518508E/ 5398408N	Same as OC	Yes
20-May	AR/BB	Line 21+10E, 20+10N	518667E	5398413N	OC11	25x15x1	Felsic Flow- fine grained, black, siliceous, concoidal fracture, with foliation at 052o/80oS	**3a**	1482305	518667E/ 5398413N	Same as OC	No
20-May	AR/BB	Line 22E, 19+00N	518805N	5398382N	OC12	60x20x2	Shear Basalt- fine grained, dark green, chlorite (>10%) basalt with weak to moderate shearing at 044o/vertical, no sulphides	**1b**	1482306	518805E/ 5398382N	Same as OC	Yes
20-May	AR/BB	Line 22E, 20+05N	518758E	5398462N	OC13	35x5x.8	Felsic Flow- fine grained, black, massive, siliceous unit (felsic flow) with weak fracture (044o/80oS)	**3a**	1482307	518758E/ 5398462N	Same as OC	No
20-May	AR/BB	Line 22E, 20+25N	518738E	5398477N	OC14	5x2x.2	Felsic Flow- similar to OC13 above	**3a**	No Sample			
20-May	AR/BB	Line 22E, 20+45N	518713E	5398522N	OC15	27x1	Felsic Flow- fine to medium grained, dark grey, siliceous unit, massive with >5% +/- grey quartz eyes, poorly exposed	**3a**	1482308	518731E/ 5398514N	Felsic Flow- fine grained, grey to greenish, siliceous unit with concoidal fractures, poorly exposed	Yes
22-May	AR/BB	Line 24E, 14+55N	519227E	5398134N	OC1	21x7x1.5	Andesite (Dike)-medium grained, grey to green, <1% sulphides, trace calcite, trending 040o	**2**	1482309	517237E/ 5398134N	Same as OC	No
22-May	AR/BB	Line 23+90E, 14+55N	519229E	5398126N	OC1B	21x7x1.5	Sheared Felsic Andesite- fine to medium grained, grey to green, calcite veins, approximately 2% sulphides	**2b**	1482310	519229E/ 5398126N	Sheared Andesite- similar to 1482309 but moderate to intensely sheared with biotite alteration	Yes
22-May	AR/BB	Line 14E, 13+30N	519302E	5398033N	OC2	140x40x2	Felsic Flow- medium grained, grey to green, massive, veins of calcite, some blue quartz eyes, trending 030o	**3a**	1482311	519302E/ 5398207N	Same as OC	No
22-May	AR/BB	Line 23+40E, 12+40N	519267E	5397968N	OC2B	140x40x2	Felsic- small (eyes coarse), grey to green, with 20% blue quartz eyes, small weak calcite veins, sheared	**3b**	1482312	519267E/ 5397968N	Same as OC	Yes
22-May	AR/BB	Line 23+30E, 12+10N	519291E	5397956N	OC2C	140x40x2	See Sample	**12a**	1482313	519291E/ 5397956N	Granite- fine to medium grained grey granite	No
22-May	AR/BB	Line 24+10E, 11+95N	519395E	5397983N	OC3	20x5x1.5	Granite (Dike)- fine grained, @335o, grey, 1% sulphides, trending 090o	**12a**	No Sample			
22-May	AR/BB	Line 24+60E, 11+30N	519370E	5397982N	OC3B	10x5x1	Granite- fine to medium grained, massive, pink granite	**12a**	1482314	519395E/ 5397983N	Granite (Dike)- fine grained	No
22-May	AR/BB	Line 25+20E, 10+85N	519456E	5397995N	OC4	25x>25x4	Altered Felsic Flow- fine to medium grained, grey to green, fine calcite veins, weakly sheared, trace sulphides, grey quartz eyes	**3b**	1482315	519456E/ 5397995N	Altered Felsic Flow- weak sericite (<5%), altered felsic flow, trace pyrite	Yes

22-May	AR/BB	Line 26E, 11+40N	519516E	5398083N	OC5	100x40x6	Altered Felsic Flow- medium grained, grey/green (red), trending 015o, trace sulphides with some calcite	**3b**	1482316	519516E/ 5398083N	Same as OC	No
22-May	AR/BB	Line 24E, 20+77N	518879E	5398640N	OC6	8x1x.5 (in ridge)	Shear Basalt and 1% Pyrite- fine grained, dark grey, weak shear (030o/80oS) basalt with weak chlorite to biotite alteration (<10%) and <1% pyrite	**1b**	1482317	518879E/ 5398640N	Same as OC	Yes
22-May	AR/BB	Line 24+40E, 20+65N	518907E	5398657N	OC6B	80x18x2 @060o	Shear Basalt- Similar to OC6, fine grained, dark grey, weak shearing 042o/vertical basalt with <1% pyrite	**1b**	1482318	518907E/ 5398657N	Same as OC	Yes
22-May	AR/BB	Line 25+20E, 20+80N	518949E	5398714N	OC6C	80x18x2 @060o	OC6B continues to east weak shearing and chlorite basalt (same as OC6B) shear at 032o/vertical	**1b**	No Sample			
22-May	AR/BB	Line 26E, 21+90N	519005E	5398875N	OC7	40x12x1.2 (south)	Felsic Flow with minor calcite- fine to medium grained, grey, siliceous flow with >5% grey quartz eyes, weak calcite veins parallel to weak shear (048o/80oS)	**3b**	1482319	519005E/ 5398875N	Same as OC	No
22-May	AR/BB	Line 25+40E, 21+80N	518921E	5398828N	OC7B	80x10x1	Felsic Flow with 1% pyrite- fine grained, grey, more shear, felsic flow with blue quartz eyes (but less calcite) and >1% pyrite	**3b**	1482320	518921E/ 5398828N	Same as OC	Yes
22-May	AR/BB	Line 26+55E, 22+75N	518948E	5398941N	OC8	100x6x1	Andesite Flow- fine grained, grey, intermediate (andesite to dacite), massive flow with 1-2% quartz eyes and <1% pyrite, weak fracture 032o	**2a**	1482321	518948E/ 5398941N	Same as OC	No
23-May	AR/BB	Line 28E, 26+50N	518901E	5399315N	OC1	30x6x1.5	Felsic Flow- fine grained, felsic flow, massive, sugary/crystalline	**3a**	1482322	518901E/ 5399315N	Same as OC	No
23-May	AR/BB	Line 28E, 25+75N	518900E	5399282N	OC2	70x40x1.5	Felsic Flow- fine grained, dark grey, massive with concoidal fracture, >3% grey quartz eyes and fine biotite alteration	**3a**	1482323	518900E/ 5399282N	Same as OC	Yes
23-May	AR/BB	Line 27E, 23+50N	518993E	5398978N	OC3	140x30x7 @045o	Felsic Flow- fine grained, dark grey with cherty, rhyolite sections, felsic flow with <1% calcite veins with no fractures. NOTE: Line 26E @23+40N the andesite may be felsic flow or subsection	**3a**	1482324	518993E/ 5398978N	Same as OC	Yes
23-May	AR/BB	Line 28+55E, 18+80N	519368E	5398722N	OC4	5x3x1.5	Felsic Flow- @030o, fine grained, green, weak chlorite (<5%), felsic volcanic with <5% grey quartz eyes and trace to 1% pyrite, some quartz to carbonate veins (1-2cm) and trace pyrite	**3b**	1482325	519368E/ 5398722N	Same as OC	Yes
23-May	AR/BB	Line 28E, 11+35N	519745E	5398090N	OC5	>100x7x2	Pink Granite- medium grained, pink granite with >20% pink orthoclase and 10% basalt xenoliths	**12a**	1482328	519745E/ 5398090N	Same as OC	No
23-May	AR/BB	Line 26+80E, 11+00N	519685E	5395994N	OC6	20x4x1	Grey Granite- fine to medium grained, grey granite with <5% mafics	**12a**	1482326	519685E/ 5397994N	Same as OC	No
23-May	AR/BB	Line 27+10E, 11+55N	519676E	5398066N	OC7	20x4x1	Felsic Flow-fine to medium grained, grey, massive, felsic flow with >10% grey quartz	**3a**	1482327	519676E/ 5398066N	Same as OC	No
23-May	AR/BB	Line 28E, 10+85N	519746E	5398033N	OC8	40x6x2.5	Quartz to Feldspar (Dike)- medium to coarse grained, tan, massive unit of >95% feldspar to quartz at 040o	**12b**	1482329	519746E/ 5398033N	Same as OC	No
23-May	AR/BB	Line 28E, 10+45N	519822E	5398030N	OC9	50x20x4 @030o	Chlorite Felsic Tuff- fine grained chlorite to calcite to ankerite alteration (>10%) of dacite to intermediate composition	**3b**	1482330	519822E/ 5398030N	Same as OC	Yes
23-May	AR/BB	Line 28+85E, 9+40N	519910E	5397988N	OC10	30x3x2	Felsic Flow- medium grained, grey, massive, unaltered, trending 040o	**3a**	1482331	519910E/ 5397988N	> 20% grey quartz eyes in massive felsic flow at 040o	No
23-May	AR/BB	Line 29+60E, 8+80N	519979E	5397981N	OC11	>80x20x4	Sheared Felsic Flow- fine grained, chlorite to calcite alteration (>20%) in felsic flow	**3b**	1482332	519979E/ 5397981N	Same as OC	Yes
23-May	AR/BB	Line 30E, 8+50N	520030E	5398000N	OC12	50x40x3	Granite- medium grained, pink granite	**12a**	No Sample			
23-May	AR/BB	Line 30E, 9+95N	519973E	5398099N	OC13	12x6x.5	Altered Granite- medium grained, granite with >10% calcite alteration	**12a**	1482333	519973E/ 5398099N	Same as OC	Yes
23-May	AR/BB	Line 30E, 10+35N	519960E	5398110N	OC13B	35x2x1	Altered Granite- medium grained, granite with >10% calcite alteration	**12a**	No Sample			
23-May	AR/BB	Line 30E, 10+67N	519948E	5398129N	OC14	25x2x1	Sheared Felsic Flow- fine grained, grey, >10% chlorite to carbonate alteration, felsic flow with weak to moderate shear at 040o/vertical	**3b**	1482334	519948E/ 5398129N	Same as OC	Yes
23-May	AR/BB	Line 30E, 11+05N	519940E	5398115N	OC14B	3x3x.5	Granite- grey, medium grained, massive granite with no fracturing	**12a**	No Sample			
23-May	AR/BB	Line 30E, 11+35N	519903E	5398214N	OC15	6x2x.5	Granite (Dike)- medium to coarse grained, orthoclase rich granite (dike) and 10% basalt xenoliths	**12a, 1a**	1482338	519903E/ 5398214N	Same as OC	Yes
23-May	AR/BB	Line 30E, 13+29N	519805E	5398394N	OC16	50x20x3	Felsic Dike- fine grained, grey, weak sericite (<10%) felsic dike, trending 095o	**12b**	1482335	519805E/ 5398394N	Same as OC	No
23-May	AR/BB	Line 30E, 16+20N	519605E	5398626N	OC17	20x4x1	Sheared Felsic Volcanics- >20% chlorite to sericite to carbonate alteration in felsic volcanics or schist	**3b**	1482336	519604E/ 5398626N	Same as OC	Yes
23-May	AR/BB	Line 30E, 13+65N	519790E	5398415N	OC18	Small (<10 metres squared)	Sheared Felsic Flow- >20% grey quartz in fine grained felsic volcanic (or dike)	**3b**	No Sample			
23-May	AR/BB	Line 30E, 16+45N	519587E	5398640N	OC19	25x4x2	Chlorite Felsic Volcanics with Mgt-Py- fine grained, green, chlorite alteration >10% in felsic flow with 2-3% magnetite and 1% pyrite	**3b**	1482337	519587E/ 5398640N	Same as OC	Yes
23-May	AR/BB	Line 30E, 25+25N	519092E	5399369N	OC20	100x25x3	Felsic to Intermediate Flow- blocky joint at 350o/75oW, ridges at 040o/vertical with little fracturing, fine to medium grained, grey to spotted massive felsic flow with weak biotite to chlorite alteration (<10%) and 5% grey quartz eyes	**3a, 2a**	1482339	519092E/ 5399369N	Same as OC	No
26-May	AR/BB	Line 32E, 17+50N	519714E	5398834N	OC1	>100x30x3	Altered Felsic Flow- medium grained, grey to green, felsic flow with >5% calcite +/- silica alteration	**3b**	1482340	519711E/ 5398827N	Same as OC	Yes
26-May	AR/BB	Line 32E, 17+30N	519720E	5398816N	OC1B	3 metre zone	See Sample	**3b, QCV**	1482342	519720E/ 5398816N	3 metre zone of calcite to quartz (>30%) of sheared felsic flow at 048o/vertical, .5 metre chip	Yes

26-May	AR/BB	Line 32E, 17+10N	519734E	5398792N	OC2	10x1x1 (1 metre ledge)	Altered Felsic Flow- medium grained, grey to green, felsic flow with >5% calcite +/- silica alteration	**2b**	1482341	519729E/ 5398795N	Similar to OC1 (possible continuation) fracture at 036o/vertical	No
26-May	AR/BB	Line 32+26E, 16+57N	519792E	5398767N	OC3	Chip 1 metre across	See Sample	**2b**	1482343	519792E/ 5398767N	Taken 26 metres east of the line, fine grained, grey, intermediate flow with >10% silica alteration and 1-2% coarse pyrite	Yes
26-May	AR/BB	Line 31+80E, 16+55N	519750E	5398738N	OC3B	15x25x1.2	Altered Andesite- same as 3A but 40 metres “west”, altered andesite with >10% silica and >1% pyrite	**2b**	No Sample			
26-May	AR/BB	Line 31+75E, 16+37N	519756E	5398722N	OC3C	15x25x1.2	Altered Andesite with Quartz Carbonate Veins- 10cm quartz to carbonate vein at 018o/vertical in altered andesite	**2b, QCV**	1482344	519756E/ 5398722N	Same as OC	Yes
26-May	AR/BB	Line 32E, 16+00N	519803E	5398109N	OC4	140x4x4	Basalt Flow- fine grained, dark, mafic flow, massive to weak shear, to become cover .5 to 1 metre of overburden small shear (<.2 metres) with 5% calcite alteration at 045o/vertical	**1b**	No Sample			
26-May	AR/BB	Line 32E, 15+40N	519827E	5398659N	OC4B	140x4x4	Felsic Flow- fine to medium grained, green to grey, felsic flow with >10% chlorite and >10% blue and grey quartz eyes	**3b**	1482345	519827E/ 5398659N	Same as OC	No
26-May	AR/BB	Line 32E, 15+20N	519848E	5398643N	OC4C	4x1x.1	Altered Felsic Flow- fine to medium grained, green, chlorite >10% altered felsic flow and 10% grey and blue quartz eyes, weak fracture/shear at 082o/vertical, thin quartz veins (<1cm) at 296o/vertical but under 1%	**3b**	No Sample			
26-May	AR/BB	Line 32E, 15+00N	519840E	5398631N	OC4D	4x1x.2	Altered Felsic Flow-similar to OC4C, see description above	**3b**	No Sample			
26-May	AR/BB	Line 32E, 14+70N	519868E	539859N	OC5	70x15x2	Andesite- medium grained, green to grey, massive, andesitic and 1% grey quartz eyes and <1% pyrite	**2a**	1482346	519868E/ 5398597N	Same as OC	No
26-May	AR/BB	Line 32E, 14+35N	519891E	5398586N	OC6	180x70x6	Fine Grained Granite- fine to medium grained, light grey (to orange), fine quartz to feldspar matrix, joint 1 042o/80oN, joint 2 (weak) 342o/80oW	**12a**	1482347	519891E/ 5398586N	Same as OC	No
26-May	AR/BB	Line 32E, 13+67N	519120E	5398420N	OC6B	2 metre ledge	Fine Granite- grey to pink, fine to medium grained granite, good jointing, joint 1 348o/80oW, joint 2 076o/80oS, joint 3 subhorizontal (15N/360 plunge)	**12a**	No Sample			
26-May	AR/BB	Line 32E, 13+05N	519973E	5398473N	OC6C	40x25x3	Fine Grained Granite- fine to medium grained, grey to pink granite	**12a**	No Sample			
26-May	AR/BB	Line 32E, 11+00N	520058E	5398353N	OC7	2x2x.5 @048o	Medium Grained Granite- fine to medium grained granite, crystalline	**12a**	1482348	520058E/ 5398353N	Same as OC	Yes
26-May	AR/BB	Line 33+10E, 13+10N	520043E	5398488N	OC8	7x3x1	fine grained, grey granite as you cross swamp	**12a**	1482349	520043E/ 5398488N	Fine grained, grey granite	No
26-May	AR/BB	Line 34E, 15+40N	520039E	5398706N	OC9	15x10x2	Andesite- fine grained, green, weak chlorite, <10% andesite and 5% grey quartz eyes and 1% pyrite	**2b**	1482350	520039E/ 5398706N	Same as OC	Yes
26-May	AR/BB	Line 34E, 14+76N	520022E	5398733N	OC10	10x3x1 @040o	Grey Granite- fine grained, grey, crystalline, grey granite	**12a**	No Sample			
26-May	AR/BB	Line 34E, 15+25N	520002E	5398567N	OC10B	170x60x8	Andesite- fine grained, grey to green, andesite with <10% chlorite	**2b**	1482351	520002E/ 5398765N	Same as OC	No
26-May	AR/BB	Line 34E, 15+80N	519937E	5398839N	OC11	90x50x5	Andesite- same, fine grained, green, massive andesite	**2a**	No Sample			
26-May	AR/BB	Line 34E, 23+75N	519578E	5399353N	OC12	120x50x6	Gabbro(Quarry)- fine grained, speckled, dark grey to black, gabbro	**7a**	No Sample			
26-May	AR/BB	Line 34E, 23+65N	519563E	5399421N	OC13	120x20x3	Gabbro- medium grained, dark grey, spotted gabbro, weak to moderate	**7b**	1482352	519536E/ 5399421N	Same as OC	No
27-May	AR/BB	Line 36E, 17+70N	520032E	5399024N	OC1	10x2x.2	Chlorite Basalt- fine to medium grained, chlorite (>5%), massive basalt, weak fracture 052o/vertical with <1% quartz to calcite veins at random, continues 12 metres to the “South” part of ridge (60x14x1.5)	**1b**	1482353	520010E/ 5399051N	Same as OC	Yes
27-May	AR/BB	Line 36E, 16+48N	520106E	5398976N	OC2	3x.5x.5	Basalt- fine grained, weak chlorite (5%), basalt with weak shear at 036o/80oS	**1b**	1482354	520106E/ 5398976N	Second small outcrop beside, same chlorite basalt	No
27-May	AR/BB	Line 36E, 15+85N	520138E	5398922N	OC3	50x15x2	Basalt- fine grained, weak chlorite (5%), basalt with weak shear at 036o/80oS	**1b**	1482355	520138E/ 5398922N	Same as OC	Yes
27-May	AR/BB	Line 35+90E, 15+55N	520138E	5398900N	OC3B	45x18x2	Basalt- similar to OC3, fine grained, green, weak chlorite basalt	**1b**	No Sample			
27-May	AR/BB	Line 36+15E, 15+55N	520155E	5398900N	OC3C	40x5x1	Basalt- fine grained, weak chlorite basalt, weak fracture/shear at 034o/vertical, same as OC3	**1b**	No Sample			
27-May	AR/BB	Line 35+80E, 15+30N	520138E	5398870N	OC3D	15x8x1	Same Basalt as OC3	**1b**	No Sample			
27-May	AR/BB	Line 36E, 15+23N	520175E	5398861N	OC3E	22x6x1	Same Basalt as OC3, weak strain or fracture at 042o/vertical	**1b**	No Sample			
27-May	AR/BB	Line 35+85E, 15+10N	520170E	5398840N	OC3F	12x6x1.5 ledge	Same as OC3 Basalt	**1b**	No Sample			
27-May	AR/BB	Line 36E, 15+00N	520185E	5399840N	OC3G	3x4x.2	Basalt- fine grained, weak chlorite basalt, with weak fracture or shear at 050o/vertical	**1b**	No Sample			
27-May	AR/BB	Line 36E, 14+90N	520182E	5398830N	OC3H	4x2x.5	Basalt- same as OC3, good fractures at 046o/vertical (possible cleav ?)	**1b**	No Sample			
27-May	AR/BB	Line 36E, 14+60N	520205E	5398845N	OC4	40x12x1	Felsic Flow and 1% Pyrite- fine grained, grey to greenish, felsic flow with weak chlorite to biotite (<10%) and 1% pyrite	**3b**	1482356	520224E/ 5398844N	Sampled 15 metres east of claim line	Yes

27-May	AR/BB	Line 36+20E, 14+45N	520228E	5398849N	OC5	3x5x.5	Granite (?)- fine grained, light grey, felsic (feldspar to quartz) rich unit	**12a**	No Sample			
27-May	AR/BB	Line 36+65E, 14+50N	520253E	5398828N	OC6	7x3x1	Felsic Flow- fine to medium grained, felsic unit with >3% grey quartz eyes and <5% chlorite	**3b**	No Sample			
27-May	AR/BB	Line 36+70E, 14+20N	520295E	5398822N	OC7	20x18x1	Felsic Flow/Granite Contact- north half 12 metres thick unit of Felsic Flow	**3a, 12a**	1482357	520295E/ 5398822N	Fine to medium grained, green felsic flow and >10% blue and grey quartz eyes	No
27-May	AR/BB	Line 36+70E, 14+12N	520295E	5398818N	OC7B	20x18x1	Contact at 040o/vertical, south half 10 metres thick unit of granite	**12a**	1482358	520295E/ 5398818N	Fine grained, grey, quartz to feldspar rich and joints 075o/vertical	No
27-May	AR/BB	Line 38E, 13+10N	520045E	5398811N	OC8	30x25x2.5	Granite- fine grained, light grey, quartz to feldspar rich, granite with <5% mafics, joint 1 moderate 030o/vertical, joint 2 weak 295o/vertical	**12a**	No Sample			
27-May	AR/BB	Line 38E, 13+50N	520432E	5398853N	OC9	11x7x2	Granite- medium grained, grey, granite with >10% blue quartz approximate strain 048o/vertical	**12a**	1482359	520432E/ 5398853N	Same as OC	Yes
27-May	AR/BB	Line 38+10E, 14+20N	520403E	5398909N	OC10	15x5x1	Altered Felsic Flow and Garnet- fine to medium grained, grey to green, felsic volcanics with 1% red garnet (subcrop-poorly exposed)	**3b**	1482360	520403E/ 5398909N	Same as OC	Yes
27-May	AR/BB	Line 38E, 14+37N	520387E	5398930N	OC11	30x6x1	Altered Felsic Flow and Garnet- similar to 1482360 with 2-3% red garnet, poorly exposed	**3b**	No Sample			
27-May	AR/BB	Line 38E, 14+49N	520387E	5398925N	OC12	50x8x2	Gabbro- medium grained, black, melanogabbro with <10% plagioclase, good fracture at 080o/vertical, this “dike” parallels 080o	**7b**	1482361	520387E/ 5398925N	Same as OC	No
27-May	AR/BB	Line 38E, 14+80N	520367E	5398940N	OC13	30x25x2	Basalt -fine grained, green, chlorite >5%, massive,	**1a**	No Sample			
27-May	AR/BB	Line 38E, 15+00N	520360E	5398955N	OC13B	30x25x2	Felsic to Intermediate Flow- last 5 metres is medium grained felsic to intermediate flow with >5% grey quartz eyes	**3a, 2a**	No Sample			
27-May	AR/BB	Line 38E, 14+90N	520358E	5398964N	OC14	120x50x5	Basalt- fine grained, green to grey, weak chlorite(5%) weak shear	**1b**	No Sample			
27-May	AR/BB	Line 38E, 16+00N	520353E	5398954N	OC14B	40x25x1 (small outcrops)	Felsic Flow and 1% Pyrite- fine to medium grained, green to grey felsic flow with approximately 1% pyrite	**3a**	1482362	520353E/ 5398954N	Same as OC	Yes
27-May	AR/BB	Line 38E, 17+80N	520284E	5399058N	OC15	5x2x1.2	Altered Granite / Felsic - fine grained, light green, weak sericite to ankerite altered granite or Felsic Flow?	**3b**	1482363	520284E/ 5399058N	Same as OC	Yes
27-May	AR/BB	Line 38E, 16+48N	520279E	5399075N	OC16	7x2x.8	Shear Felsic Volcanic and Pyrite- fine to medium grained, grey, felsic volcanic with 5% grey quartz eyes, 1% pyrite and >2% calcite in shear 046o/vertical	**3b**	1482364	520279E/ 5399075N	Same as OC	Yes
27-May	AR/BB	Line 38E, 17+05N	520250E	5399130N	OC17	80x30x2	Granite or Altered Felsic Flow- fine grained, grey, quartz to feldspar to rich granite at 070o	**12a**	No Sample			
27-May	AR/BB	Line 37+70E, 17+25N	520210E	5399139N	OC17B	4-5 metre zone at north end of OC17	Altered Felsic Volcanic- fine to medium grained, grey, felsic flow with >10% sericite to calcite alteration, trace pyrite at 050o/80oN, small trench 2x1x.3 at 350o	**3b**	1482365	520210E/ 5399139N	Same as OC	Yes
27-May	AR/BB	Line 38+08E, 17+40N	520209E	5399181N	OC18	110x23x2	Ankerite Altered Basalt- fine grained, green, chlorite basalt with 20-40% ankerite overprint and trace pyrite	**1b**	1482232	520209E/ 5399181N	Trench 1/Blast Pit 1- 5x1x.5 made up of 20-30% ankerite altered basalt	Yes
27-May	AR/BB	Line 37+75E, 17+40N	520176E	5399164N	OC18 Cont'd	110x23x2	Ankerite Altered Basalt- fine grained, green, chlorite basalt with 20-40% ankerite overprint and trace pyrite	**1b**	1482233	520176E/ 5399164N	Trench 2/Blast Pit 4 8x1x.5 made up of >20% ankerite altered basalt	Yes
27-May	AR/BB	Line 38E, 17+70N	520170E	5399185N	OC18B	100x20x3	Altered Basalt - 10-20% ankerite altered basalt +/- quartz veins	**1b**	No Sample			
27-May	AR/BB	Line 38E, 17+80N	520177E	5399213N	OC19	85x30x2	Altered Basalt - >10% ankerite chlorite in basalt but decreasing to north to regular chloritic basalt	**1b**	1482366	520164E/ 5399328N	Altered Basalt - >10% ankerite chlorite in basalt but decreasing to north to regular chloritic basalt	Yes
28-May	AR/BB	Line 3+85E, 20+50N	517231E	5397462N	OC1	2x1x.5 in a large ridge (110x60x4)	Felsic Flow- fine grained, lack concoidal, silica rich, massive felsic flow in small subcrops (<10 metres squared)	**3a**	1482367	517231E/ 5397462N	Same as OC	No
28-May	AR/BB	Line 3+85E, 20+50N			OC1 Cont'd North End		See Above, fine grained, black, felsic flow	**3a**	No Sample			
28-May	AR/BB	Line 4E, 20+95N	547228E	5397519N	OC1B	18x10x2	Felsic Flow- part of sample OC1 ridge, same fine grained, black, concoidal felsic flow	**3a**	No Sample			
28-May	AR/BB	Line 4+10E, 21+40N	517185E	5397546N	OC2	Small ridge 6x1x1 (ridge 2 70x40x2.5)	Felsic Flow- fine to medium grained, black, massive felsic flow with >10% medium grained plagioclase crystals but rest is same as OC1	**3a**	No Sample			
28-May	AR/BB	Line 3+70E, 21+60N	517161E	5397537N	OC2B	25x15x3	Felsic Flow- same fine grained, black, felsic flow as OC1, weak fracture at 330o/vertical	**3a**	No Sample			
28-May	AR/BB	Line3+95E, 22+08N	517151E	5397583N	OC3	7x50x3	Felsic Flow- fine grained, grey, massive felsic flow with trace pyrite	**3a**	1482368	517151E/ 5397583N	Same as OC	Yes
28-May	AR/BB	Line 4E, 22+30N	517137E	5397618N	OC3B	10x10x.6	Felsic Flow- small “subcrop” of fine grained, black concoidal felsic flow	**3a**	No Sample			
28-May	AR/BB	Line 4E, 23+95N	517051E	5397744N	OC4	8x4x1 in larger ridge	Felsic Flow- fine to medium grained, grey felsic flow with approximately 10% plagioclase (phenocrysts) 5% grey quartz eyes.	**3a**	1482369	517051E/ 5397744N	This is a larger ridge with a small outcrop (<5 metres squared) of same Felsic Flow.	Yes
28-May	AR/BB	Line 4E, 24+40N	517029E	5397785N	OC4B	6x4x1	Felsic Flow- small ledge of medium grained, grey felsic flow with 10% plagioclase, 5% quartz eyes	**3a**	No Sample			
28-May	AR/BB	Line 4+15E, 24+92N	517025E	5397837N	OC5	4x2x.5	Felsic Flow- fine grained, light grey, sugary, felsic flow and 5% grey quartz eyes, massive, poorly exposed	**3a**	No Sample			

28-May	AR/BB	Line 4E, 25+40N	516949E	5397876N	OC6	60x40x.5	Felsic Flow- large outcrop of fine grained, light grey, blocky, felsic flow with >5% grey quartz eyes, many exposures >100 metres squared in larger outcrop, joint 1 moderate at 048o/vertical, joint 2 weak at 350o/vertical	**3a**	1482370	516949E/ 5397876N	Same as OC	No
28-May	AR/BB	Line 4E, 26+25N	516992E	5397917N	OC7	35x6x1	Andesite Flow- fine to medium grained, black, biotite rich intermediate (andesite to dacite) and <2% grey quartz	**2b**	1482371	516922E/ 5397917N	Same as OC	Yes
28-May	AR/BB	Line 4E, 26+50N	516906E	5397946N	OC7B	10x10x1	Andesite Flow- fine to medium grained, black >30% biotite alteration matrix with >30% plagioclase, and <2% quartz	**2b**	No Sample			
28-May	AR/BB	Line 4E, 26+98N			OC8	8x2x1 ridge at 036o/ vertical	Basalt/Granite Contact- See Below	**1a, 12a**	No Sample			
28-May	AR/BB	Line 4E, 26+98N	516873E	5397967N	OC8A	2 metre wide ledge	Basalt- fine grained, dark grey basalt (pillows)	**1a**	1482373	516873E/ 5397967N	Same as OC	No
28-May	AR/BB	Line 4E, 26+98N	516873E	5397968N	OC8B	3 metre wide ledge	Granite- medium grained grey to pink massive granite at 036o/vertical	**12a**	1482372	516873E/ 5397978N	Same as OC	No
28-May	AR/BB	Line 3+40E, 26+35N	516872E	5397907N	OC9	8x4x1 (ledge)	Pegmatite Dike- coarse grained, pink orthoclase, quartz, biotite (>1cm) +/- plagioclase, >0.5 pegmatite dike at 360oN at edge of cooked basalt (amphibolite) approximately 10x8x1 metre subcrop	**12b**	1482374	516872E/ 5397907N	Same as OC	Yes
28-May	AR/BB	Line 2+27E, 25+15N	516865E	5397719N	OC10	10x8x2 in ridge	Felsic Flow- fine grained, grey, sugar/crystalline felsic flow, concoidal and >10% grey quartz, weak fracture 272o/vertical	**3a**	1482375	516865E/ 5397719N	Same as OC	No
28-May	AR/BB	Line 4E, 24+70N	516873E	5397676N	OC11	12x12x1	Felsic Flow- fine grained, grey , felsic flow, and 10% plagioclase, 5% quartz	**3a**	No Sample			
28-May	AR/BB	Line 2E, 24+30N	516868E	5397664N	OC12A	6x2x1.5	Felsic Flow- fine to medium grained, grey, felsic flow, massive, 10% plagioclase, 5% grey quartz	**3a**	1482376	516868E/ 5397764N	Same as OC	Yes
28-May	AR/BB	Line 2+30E, 24+20N	516898E	5397675N	OC12B	10x3x.5	Felsic Flow- same as 12A	**3a**	No Sample			
28-May	AR/BB	Line 2E, 23+95N	516880E	5397631N	OC12C	10x6x1.5	Felsic Flow- fine grained, grey, sugar, felsic flow	**3a**	No Sample			
28-May	AR/BB	Line 1+80E, 23+70N	516920E	5397635N	OC12D	3x3x.5	Felsic Flow-similar to outcrop 12C, grey, sugary, felsic flow and 10% plagioclase and 5% quartz	**3a**	No Sample			
28-May	AR/BB	Line2+15E, 23+45N	516923E	5397609N	OC13	5x6x.5	Andesite- fine to medium grained, >20% biotite in felsic to intermediate and 1-3% quartz	**2b**	No Sample			
28-May	AR/BB	Line 2E, 21+90N	516993E	5397455N	OC13A	>10 wide zone on north face of ridge (>200)	Chert- subcrops of fine grained, greys, possibly weakly bedded chert +/- felsic flow that projects into swamp on line 4E at 22+50N	**3c, 3a**	No Sample			
28-May	AR/BB	Line 2+20E, 21+90N	517013E	5397456N	OC13A2	Under 1 metre wide dike	See Above	**12c**	1482377	517013E/ 5397456N	Aplite- fine grained, pink to orange, aplite dike at 030o/vertical with ridge approximately under 1 m wide dike	Yes
28-May	AR/BB	Line 1+90E, 21+85N	517010E	5397443N	OC13A3	Over 3 metre wide zone in north cliff face	See Above	**3c**	1482378	517010E/ 5397443N	Chert and Magnetite-fine to medium grained, grey, bedded recrystallized chert with 2-3% magnetite and 1% pyrrhotite, trending 030o/vertical	Yes
28-May	AR/BB	Line 2E, 21+30N	517043E	5397418N	OC13B	200x60x>15	Felsic Flow- fine grained, grey, mottled felsic unit with 1% pyrite and pyrite along fracture	**3a**	1482379	517043E/ 5397418N	Same as OC	Yes
29-May	AR/BB	Line 39+85E, 18+80N	520258E	5399450N	OC1	3x2x.1	Basalt- fine grained, grey, massive, flat outcrop of unaltered basalt	**1a**	No Sample			
29-May	AR/BB	Line 39+80E, 18+50N	520289E	5399385N	OC2	65x6x>2	Chlorite/Shear Basalt- fine grained, dark green, chlorite 5% in moderate shear (040o/80oN) basalt	**1b**	1482381	520289E/ 5399385N	Same as OC	No
29-May	AR/BB	Line 40+20E, 18+50N	520317E	5399397N	OC2B		Contact of Basalt versus Felsic Flow	**1b, 3a**	1482380	520317E/ 5399397N	Felsic Flow- fine to medium grained, grey, felsic flow with 10% plagioclase, <5% grey quartz eyes	No
29-May	AR/BB	Line 40E, 18+20N	520325E	5399373N	OC3	4x60 ledge	Weak Altered Felsic Flow- fine grained, green, weak sericite to calcite +/- chlorite (approximately 10%) alteration, felsic flow	**3a**	1482382	520320E/ 5399345N	Outcrop 60x30x4-5 metres, slight increase in calcite content to “south”	Yes
29-May	AR/BB	Line 40E, 17+80N	520343E	5399332N	OC4	80x x3	Carbonate Altered Basalt- fine grained, green to grey, basalt with 5-50% calcite ankerite alteration,	**1b**	1482383	520343E/ 5399332N	Same as OC	Yes
							THOMPSON RESAMPLING					
29-May	AR/BB	Line 39+50E, 17+73N	520325E	5399275N	West End-West Zone	1 metre chip	See Sample	**1b**	1482385	520325E/ 5399275N	Sample 3 quartz veins (5-15cm) along (240o) in ankerite-chlorite-calcite altered basalt	Yes
29-May	AR/BB	Line 39+47E, 17+73N	520326E	5399273N	West End-West Zone	1 metre chip	See Sample	**1b**	1482384	520325E/ 5399273N	1 metre chip along (310o) >20% ankerite-calcite-chlorite altered basalt with trace pyrite	Yes
29-May	AR/BB	Line 39+59E, 17+62N	520339E	5399275N	East End-West Zone	.8 metre chip	See Sample	**1b, QV**	1482386	520339E/ 5399275N	.8 metre chip at (310o) across 5-20% chlorite-ankerite and <5% quartz vein and 1% pyrite across zone 1	Yes
29-May	AR/BB	Line 40E, 17+42N	520380E	5399300N	OC5	50x6x2	Felsic Flow- fine grained, grey, intermediate (rhyolite to dacite), massive flow with 1-2% quartz eyes and <1% pyrite, weak fracture 038o	**3a**	No Sample			

29-May	AR/BB	Line 39+95E, 17+14N	520388E	5399288N	OC6	60x8x2	Andesite Flow- fine grained, grey, intermediate (andesite to dacite), massive flow with 1-2% quartz eyes and <1% pyrite, weak fracture 040o	**2a**	No Sample			
29-May	AR/BB	Line 40E, 147+02N	520396E	5399276N	OC7	12x2x.3	Andesite Flow- fine grained, grey, intermediate (andesite to dacite), massive flow with 1-2% quartz eyes and <1% pyrite, weak fracture 040o	**2a**	No Sample			
29-May	AR/BB	Line 40E, 16+88N	520401E	5399247N	OC8	30x7x1	Andesite Flow- fine to medium grained, grey, felsic tuff/andesite (quartz eye tuff by Andrew Tims, Sedex)	**2a**	No Sample			
29-May	AR/BB	Line 40+20E, 16+90N	520429E	5399222N	OC8B	80x25x2	Shear/Chlorite Basalt- sampled 3-5 metre wide, fine grained, dark green chlorite basalt (>10%) at 072o/vertical to 80oN, weak	**1b**	1482387	520435E/ 5399243N	Same as OC	Yes
29-May	AR/BB	Line 40E, 16+50N	520431E	5399212N	OC8C	80x25x2	Basalt - slow decrease in shear from moderate to nil, joint 1 shear 052o/vertical, joint 2 weak 340o/vertical	**1a**	No Sample			
29-May	AR/BB	Line 40E, 16+20N	520441E	5399194N	OC9	6x2x.1 (sub crop)	Shear Basalt- fine grained, dark grey to green, 5% chlorite in weak sheared basalt	**1b**	No Sample			
29-May	AR/BB	Line 40E, 15+95N	520450E	5399180N	OC10	100x42x2	Weak to Moderate Shear Basalt- fine grained, dark grey to green, <5% chlorite basalt with weak shear increasing to south to moderate shear (040o/vertical)	**1b**	1482388	520413E/ 5399129N	Same as OC	Yes
29-May	AR/BB	Line 40E, 15+00N	520490E	5399120N	OC11	>500x70x15 high ridge	Basalt- fine grained, green, weak chlorite (<5%) basalt, weak fracture (062oN) to almost blocky	**1a**	No Sample			
29-May	AR/BB	Line 40E, 13+69N	520601E	5398986N	OC12	780x60x4	Granite- medium grained grey to pinkish granite with pink quartz (5%)	**12a**	1482389	520602E/ 5398964N	Same as OC	Yes
29-May	AR/BB	Line 42E, 14+00N	520732E	5399120N	OC13	10x3x2 at 055o	Granite- medium grained grey to pinkish granite with pink quartz (5%)	**12a**	No Sample			
29-May	AR/BB	Line 42E, 14+75N	520700E	5399170N	OC14	500x70x15 ridge	Basalt- fine grained, green to grey, massive to weak shear basalt	**1a**	No Sample			
29-May	AR/BB	Line 42E, 15+45N	520658E	5399243N	OC15	140x45x2	Basalt- fine grained, dark green (<5% chlorite), weak shear basalt	**1b**	No Sample			
29-May	AR/BB	Line 42E, 16+25N	520595E	5399291N	OC16	80x30x3	Chlorite Basalt and 2% Pyrite +/- Chalcopyrite- fine grained, green, chlorite (>10%) basalt with weak shear @046o/vertical and <1cm quartz vein and 2% pyrite +/- chalcopyrite (specks)	**1b**	1482390	520595E/ 5399291N	Same as OC	Yes
29-May	AR/BB	Line 42E, 16+55N	520568E	5399350N	OC17	85x30x2.5	Chlorite Basalt- fine grained, green, weak chlorite (approximately 5%), weak shear at 062o/vertical	**1b**	No Sample			
29-May	AR/BB	Line 42E, 17+02N	520555E	5399977N	Trench	6x1x.7	Blasted of fine grained, green chlorite basalt, 1 small vein of quartz (5cm) white with no sulphides found in rubble but not in country approximately “boulder/cobble”	**1b**	No Sample			
29-May	AR/BB	Line 42E, 17+90N	520531E	5399403N	OC18	60x20x1.5	Altered Andesite-Felsic Flow- fine grained, grey, sheared moderate to strong at 060o/vertical with >20% calcite-ankerite +/-pyrite (trace-1%)	**2b**	1482391	520531E/ 5399403N	Same as OC	Yes
29-May	AR/BB	Line 42E, 18+10N	520481E	5399448N	OC19		Basalt- fine grained, dark green, weak chlorite (<5%) basalt with weak fracture at 060o/vertical	**1b**	No Sample			
29-May	AR/BB		520339E	5399275N			Resample- Thompson West, East End REP	**1b**	1482392	520339E/ 5399275N	Same as OC	No
29-May	AR/BB		520325E	5399273N			Resample-Thompson West, West End REP	**1b**	1482393	520325E/ 5399273N	Same as OC	No
4-Jun	AR/BB	Line 6E, 20+62N	517353E	5397575N	OC1	70x48x2.5	Felsic Flow- fine to medium grained, dark grey to grey-green, weak chlorite (5%), 5-10% blue to grey quartz	**3b**	1482394	517353E/ 5397575N	Same as OC	Yes
4-Jun	AR/BB	Line 6 +20E, 21+75N	517359E	5397711N	OC2	>80x30x3	Felsic Flow- fine grained, dark grey, felsic flow with concoidal fractured andesite 5-10% grey and blue quartz eyes (mostly moss covered)	**3a**	No Sample			
4-Jun	AR/BB	Line 6E, 22+53N	517306E	5397755N	OC3	60x40x1.5	Felsic Flow- similar to OC2, fine grained, dark grey, felsic flow with 5-10% grey and blue quartz eyes, moss covered, weak fracture 028o/vertical	**3a**	No Sample			
4-Jun	AR/BB	Line 6E, 23+32N	517262E	5397822N	OC4	15x30x.6	Andesite Flow- dark grey to black, biotitic (>10%) andesitic flow with weak to moderate fractures 040o/vertical	**2b**	1482395	517262E/ 5397822N	Altered andesite (fragments) with 20-40% silica alteration and >5% pyrrhotite-pyrite	Yes
4-Jun	AR/BB	Line 5+71E, 23+40N	5172225E	5397803N	OC4	15x30x.6	Altered andesite/dacite flow with 1-3% grey quartz, >10% fine biotite and 3-5% pyrite +/- pyrrhotite	**2b**	1482396	517225E/ 5397803N	Same as OC	Yes
4-Jun	AR/BB	Line 6E, 23+47N	517252E	5397832N	OC4B	2x2	Altered Andesite+ 1% Pyrite- small outcrop of biotite altered andesite with 1% pyrite, part of OC4	**2b**	No Sample			
4-Jun	AR/BB	Line 6E, 24+12N	517222E	5397907N	OC5	225x75x6	Andesite- medium grained, grey, andesite flow with 1-3% grey quartz eyes, >3% biotite alteration with >10% plagioclase crystals	**2a**	No Sample			
4-Jun	AR/BB	Line 6E, 24+23N	517220E	539715N	OC5B	225x75x6	Felsic Flow- fine grained, grey, felsic flow with massive grey quartz eyes, 5% hornblende, good joints, Joint 1 270o/vertical, Joint 2 002o/vertical, ridge of felsic flow continues to west >70 metres and >100 east and approximately 10 metres high	**3a**	No Sample			
4-Jun	AR/BB	Line 6E, 25+25N	517170E	5398000N	OC6	20x12x.5	Felsic Flow- fine grained, grey, felsic flow with massive grey quartz eyes, 5% hornblende, good joints, Joint 1 270o/vertical, Joint 2 002o/vertical, ridge of felsic flow continues to west >70 metres and >100 east and approximately 10 metres high	**3a**	No Sample			
4-Jun	AR/BB	Line 6E, 25+50N	517162E	5398019N	OC6B	10x5x.5	Felsic Flow- fine grained, grey, felsic flow with massive grey quartz eyes, 5% hornblende, good joints, Joint 1 270o/vertical, Joint 2 002o/vertical, ridge of felsic flow continues to west >70 metres and >100 east and approximately 10 metres high	**3a**	No Sample			
4-Jun	AR/BB	Line 6E, 25+75N	517155E	5398039N	OC7	>120x60x3	Felsic Flow- fine to medium grained, grey, "mottled" felsic flow, very massive, fracture1 036o/vertical, fracture 2 320o/vertical	**3a**	No Sample			
4-Jun	AR/BB	Line 6E, 26+52N	517078E	5398084N	OC8	25x10x.5	Felsic Flow with Shearing- large flat outcrop of fine grained, massive felsic flow, has moderate to intense shear at 060o/vertical	**3b**	1482397	517078E/ 5398084N	fine grained, orangy-red sheared felsic flow with >10% silica introduction and trace-1% pyrite	No
4-Jun	AR/BB	Line 6E, 27+30N	517038E	5398164N	OC9	4x2.5x.5	Felsic Flow- fine to medium grained, grey, massive felsic flow (subcrop)	**3a**	No Sample			

4-Jun	AR/BB	Line 6E, 27+90N	517018E	5398214N	OC10	4x2x.2	Felsic Flow- fine grained, grey, felsic flow as subcrop	**3a**	No Sample			
4-Jun	AR/BB	Line 6E, 28+00N	517015E	5398221N	OC11	30x17x1	Felsic Flow to Andesite- fine grained, massive, grey, felsic flow, blocky to massive, rare granite dike veins (<10 cm)	**3a, 2a**	No Sample			
4-Jun	AR/BB	Line 6E, 28+65N	516990E	5398266N	OC12	12x10x.1	Felsic Flow- fine grained, grey-green, 5% chlorite alteration in felsic flow + 5-10% blue and grey quartz eyes	**3a**	No Sample			
4-Jun	AR/BB	Line 5 +75E, 28+75N	516923E	5398267N	OC13	100x40x1	Aplites in Granite- fine grained, pink granite with >20% pink aplite (same for 13B)	**12a, 12c**	1482398	516923E/ 5398267N	Same as OC	Yes
4-Jun	AR/BB	Line 6E, 29+50N	516923E	5398353N	OC14	30x20x2	Granite- medium grained, massive, pink, granite	**12a**	No Sample			
4-Jun	AR/BB	Line 6E, 30+75N	516829E	5398484N	OC15	2.5x2x0.2	Kspar-rich Dike- small outcrop of coarse orthoclase porphyroblasts in granite dike (porphyry)	**12b**	No Sample			
4-Jun	AR/BB	Line 6+80E, 30+30N	516961E	5398413N	OC16	90x40x1	Granite- medium grained, pink, massive, granite	**12a**	No Sample			
4-Jun	AR/BB	Line 7+15E, 30+05N	517115E	5398415N	OC17	5x4x1	Felsic Flow- fine grained, grey siliceous, 5% hornblende	**3a**	No Sample			
4-Jun	AR/BB	Line 8E, 29+50N	517067E	53984000N	OC18	10x3x.3	Gabbro- medium grained, black, gabbro with 20% plagioclase, moderately magnetic 3% magnetite	**7b**	1482399	517067E/ 5398400N	Same as OC	Yes
4-Jun	AR/BB	Line 8E, 29+25N	517080E	5398375N	OC19	45x8x2	Felsic Flow- fine to medium grained, grey to dark, massive to blocky, felsic flow with <10% plagioclase andesite 3-5% grey quartz eyes, irregular fracturing	**3a**	No Sample			
4-Jun	AR/BB	Line 8E, 18+55N	517117E	5398331N	OC20	7x5x1	Felsic Flow (Sheared)- fine grained, black, felsic flow with concoidal fracturing and trace to 1% pyrite, weak shearing at 060o	**3b**	1482400	517117E/ 5398331N	Same as OC	Yes
4-Jun	AR/BB	Line 8E, 27+05N	517192E	5398206N	OC21	8x1 ledge	Felsic Flow- fine grained, black, concoidal fracture, >5% grey and blue quartz eyes and trace to 1% pyrite	**3a**	No Sample			
4-Jun	AR/BB	Line 8E, 24+75N	517172E	5398175N	OC22	60x18x1	Felsic Flow- fine grained, black, concoidal fracture, >5% grey and blue quartz eyes and trace to 1% pyrite	**3a**	No Sample			
4-Jun	AR/BB	Line 8E, 25+70N	517225E	5398090N	OC23	30x12x1	Felsic Flow- fine grained, black, concoidal fracture, >5% grey and blue quartz eyes and trace to 1% pyrite	**3a**	No Sample			
4-Jun	AR/BB	Line 8E, 25+50N	517235E	5398072N	OC24	25x6x2	Felsic Flow- large ridge of massive felsic flow, fracture at 040o/vertical	**3a**	No Sample			
4-Jun	AR/BB	Line 8E, 23+23N	517441E	5397883N	OC25	30x1.5 ledge	Felsic Flow- fine grained, grey, siliceous, felsic flow with >10% grey quartz eyes and 5% hornblende	**3a**	1482401	517441E/ 5397883N	Same as OC	No
4-Jun	AR/BB	Line 8+45E, 21+50N	517537E	5397793N	OC25C	610x100x15	Felsic Flow- fine grained, grey, felsic flow + >5% grey quartz and <5% mafics (hornblende), Sample taken at 46m east.	**3a**	1482402	517537E/ 5397793N	Same as OC	Yes
4-Jun	AR/BB	Line 8E, 20+70N	517575E	5397715N	OC26	150x30x3	Felsic Flow- same as outcrop 25, fine grained, grey, massive to blocky felsic flow, 5% grey quartz eyes and <5% mafics	**3a**	No Sample			
6-Jun	AR	Line 33+75E, 23+20N	519533E	5399377N	Northwest Section of Quarry Gabbro	50x45	Gabbro with Feldspar Dikes- medium grained, dark grey to green, gabbro with 20% feldspar dikes (.3-.5 metres) that trend 060o/vertical and have been cutoff by faulting. Possibly recrystallized and locally refolded	**7b, 12b**	1482403	519533E/ 5399377N	Feldspar Dike- medium to coarse grained, feldspar rich dikes of >80% orthoclase-quartz and minor plagioclase	Yes
6-Jun	AR	Line 34+75E, 22+60N	519674E	5399387N	Quartz zone in Quarry Gabbro	5 metre zone	Resample- .5 metre chip at 210o of orange quartz	**QV**	1482404	519647E/ 5399387N	Same as OC	Yes
6-Jun	AR	Line 34+70E, 22+55N	519648E	5399387N	Quartz zone in Quarry Gabbro	5 metre zone	Resample-.7 metre chip at 210o of orangy+white quartz	**QV**	1482405	519648E/ 5399387N	Same as OC	Yes
9-Jun	AR/BB	Line 20N, 8+75N	517768E	5397712N	OC1	20x18x1	Gabbro- medium grained, black, gabbro with trace pyrite (heavy overburden)	**7b**	1482406	517768E/ 5397789N	Same as OC	Yes
9-Jun	AR/BB	Line 10E 19+32N	517807E	5397708N	OC2	15x6x1	Felsic Flow-fine to medium grained, grey, felsic flow, massive, >5% blue quartz eyes	**3a**	1482407	517807E/ 5397708N	Same as OC	Yes
9-Jun	AR/BB	Line 10E, 20+26N	517745E	5397780N	OC3	15x4x.5	Felsic Flow- medium grained, grey, felsic flow with >5% grey quartz eyes	**3a**	No Sample			
9-Jun	AR/BB	Line 10E, 20+55N	517727E	5397802N	OC4	35x15x1	Felsic Flow- medium grained, grey, felsic flow with 5-10% blue quartz eyes	**3a**	No Sample			
9-Jun	AR/BB	Line 10E, 20+77N	517708E	5397823N	OC5	40x15x1	Felsic Flow-medium grained, grey, felsic flow with >5% grey quartz eyes	**3a**	No Sample			
9-Jun	AR/BB	Line 10E, 21+12N	517700E	5397852N	OC6	50x15x5	Felsic Flow- fine grained, dark grey to black, massive felsic flow, blocky and joints, >5% grey quartz eyes, Joint 1 330o/80oS, Joint 2 subhorizontal, Joint 3 040o/80oS	**3a**	No Sample			
9-Jun	AR/BB	Line 10E, 21+60N	517337E	5397759N	OC7	200x95x>10	Felsic Flow- fine grained, dark grey, massive to concoidal, felsic flow with 10% plagioclase (medium grained) and >5% grey quartz eyes	**3a**	1482408	517337E/ 5397759N	Same as OC	Yes
9-Jun	AR/BB	Line 10E, 22+65N	517609E	5397991N	OC8	35x25x1.5	Felsic Flow and Thin Quartz Vein-fine grained, dark grey, massive felsic flow with 1% pyrite, several 0.5-1cm quartz veins (fracture filling)	**3a, QV**	1482410	517609E/ 5397991N	Same as OC	No
9-Jun	AR/BB	Line 10E, 23+70N	517534E	5398063N	OC9	Larger Ridge >50x50x3	Andesite Flow- fine grained, black, biotite >1% altered andesite flow with trace-1% pyrite	**2b**	1482409	517534E/ 5398063N	Same as OC	Yes
9-Jun	AR/BB	Line 10E, 24+03N	517530E	5398095N	OC9B	1x1x1	Altered Andesite Boulders - Small (5kg) rusty boulders (2-3) of 1-2% pyrite in biotite altered andesite but not insitu.	**2b**	No Sample			
9-Jun	AR/BB	Line 10E, 24+23N	517525E	5398113N	OC9C	3x2x.5	Same Andesite as OC9- medium grained, grey to black, biotite >1% altered andesite flow with trace-1% pyrite massive andesite with >20% plagioclase and 1-5% grey quartz eyes	**2b**	No Sample			

9-Jun	AR/BB	Line 10E, 24+40N	517522E	5398128N	OC9D	2.5x2x.2	Andesite Flow- fine grained, black, biotite >1% altered andesite flow with trace-1% pyrite	**2b**	No Sample			
9-Jun	AR/BB	Line 10E, 25+15N	517480E	5398198N	OC9E	3x2x.5	Andesite Flow- fine grained, black, biotite >1% altered andesite flow with trace-1% pyrite	**2a**	No Sample			
9-Jun	AR/BB	Line 10E, 25+42N	517450E	5399215N	OC10	80x18x3	Basalt and Pyrite- fine grained, black, mafic with 1-2% pyrite, little to no alteration or quartz eyes, ledge 3x1 of outcrop	**1a**	1482411	517445E/ 5398224N	Same as OC	Yes
9-Jun	AR/BB	Line 10E, 26+00N	517418E	5398262N	OC11	30x10x.5	Felsic Flow/Rhyolite- fine grained, dark grey, siliceous rock with >5% grey quartz eyes and trace pyrite	**3a**	1482412	517418N/ 5398262N	Same as OC	No
9-Jun	AR/BB	Line 10E, 26+30N	517386E	5398284N	OC12	25x10x1	Felsic Flow/Rhyolite- fine grained, dark grey, siliceous rock with >5% grey quartz eyes and trace pyrite	**3a**	No Sample			
9-Jun	AR/BB	Line 10E, 26+65N	517354E	5398348N (North End)	OC13	200x80x12	Felsic Flow- fine grained, dark grey to near black, siliceous, felsic flow, weak fracture at 300o/vertical and 050o/vertical	**3a**	No Sample			
9-Jun	AR/BB	Line 10+60E, 27+27N	517377E	5398397N	OC13B	10 cm	Felsic Dike (Aplite)-10cm aplite dike with 040o/vertical in large felsic flow ridge`	**3a, 12c**	No Sample			
9-Jun	AR/BB	Line 11+20E, 26+95N	517456E	5398411N	OC13C	200x80x12	Felsic Flow- same fine grained, dark grey felsic flow and 5-10% grey +/- blue quartz eyes	**3a**	No Sample			
9-Jun	AR/BB	Line 12E, 26+40N	517582E	5398391N	OC14	5x5x1	Felsic Flow- fine grained, massive to block, grey, felsic flow with >5% grey quartz eyes	**3a**	No Sample			
9-Jun	AR/BB	Line 12E, 26+20N	517593E	5398361N	OC15	340x160x4	Felsic Flow-large ridge of fine grained, grey, siliceous felsic flow with >5% quartz eyes	**3a, 2a**	No Sample			
9-Jun	AR/BB	Line 12E, 25+50N	517597E	5398344N	OC15B	340x160x4	Felsic Flow (or Dacite)- large ridge of fine to medium grained, grey, massive felsic flow to andesite with >5% grey quartz eyes	**3a, 2a**	No Sample			
9-Jun	AR/BB	Line 12E, 24+90N	517658E	5398268N	OC15C	340x160x4	Felsic Flow- fine grained, grey, siliceous felsic flow with >5% grey quartz eyes, fracture 1 052o/vertical, fracture 2 344o/vertical	**3a**	1482413	517658E/ 5398268N	Same as OC	No
9-Jun	AR/BB	Line 12E, 23+85N	517721E	5398192N	OC15D	340x160x4	Felsic Flow- at swamps edge, felsic flow and 5% blue quartz eyes	**3a**	No Sample			
9-Jun	AR/BB	Line 12E, 22+25N	517810E	5398062N	OC16	600x105x6	Felsic Flow- fine grained dark grey, massive felsic flow at end of ridge	**3a**	1482414	517802E/ 5398056N	Same as OC	Yes
9-Jun	AR/BB	Line 12E, 21+35N	517862E	5397769N	OC16B	600x105x6	Felsic Flow- fine grained dark grey, massive felsic flow at end of ridge	**3a**	No Sample			
10-Jun	AR/BB	Line 9+85E, 35+90N	516847E	5399034N	OC1	2x2x.2	Granite- medium grained, pink granite and 10% hornblende, (subcrop) with heavy moss	**12a**	No Sample			
10-Jun	AR/BB	Line 9+55E, 35+70N	516825E	5399123N	OC2	6x10x.5	Granite- same as OC1, massive with little to no fractures	**12a**	No Sample			
10-Jun	AR/BB	Line 9E, 35+65N	516863E	5398910N	OC3	30x50x1.5	Pink Granite-medium grained, pink, equigranular granite with 10-15% hornblende	**12a**	1482415	516863E/ 5398910N	Same as OC	Yes
10-Jun	AR/BB	Line 8+50E, 35+20N	516862E	5398844N	OC3B	40x20x0.5	Pink Granite-medium grained, pink, equigranular granite with 10-15% hornblende	**12a**	No Sample			
10-Jun	AR/BB	Line 8E, 33+75N	516825E	5398698N	OC4	40x50x2	Granite- medium grained, pink granite with 15% hornblende, massive, weak fracture at 360o/vertical	**12a**	No Sample			
10-Jun	AR/BB	Line 8+30E, 33+10N	516793E	5398670N	OC4B	45x5x1	Granite- medium grained, pink granite with 15% hornblende, massive, weak fracture at 360o/vertical	**12a**	No Sample			
10-Jun	AR/BB	Line 8E, 32+75N	516793E	5398648N	OC4C	6x2x1	Felsic Flow- fine grained, pink, flow banding of felsic flow and 1-2% hornblende	**12a**	No Sample			
10-Jun	AR/BB	Line 8E, 32+25N	516917E	5398620N	OC5	40x20x2	Felsic Flow- fine grained, pink, flow banding of felsic flow and 1-2% hornblende	**3a**	1482416	516917E/ 5398620N	Same as OC	Yes
10-Jun	AR/BB	Line 8E, 31+62N	516953E	5398572N	OC6	5x4x1	Felsic Flow-fine to medium grained, grey, felsic flow with 5% feldspar to granite veins (1-2cm), fracture 1- 042o/vertical, fracture 2 - 282o/vertical, fracture 3- subhorizontal joint?	**3a, 12a**	1482417	516953E/ 5398572N	Same as OC	No
10-Jun	AR/BB	Line 8E, 31+50N	516965E	5398523N	OC6A	4x3x1	Felsic Flow-fine to medium grained, grey, felsic flow with 5% feldspar to granite dikes	**3a, 12a**	No Sample			
10-Jun	AR/BB	Line 8E, 31+38N	516969E	5398515N	OC6B	7x2x1	Felsic Flow-fine to medium grained, grey, felsic flow with 5% feldspar to granite dikes	**3a, 12a**	No Sample			
10-Jun	AR/BB	Line 8+10E, 31+25N	516988E	5398541N	OC6C	0.1-1 m dike in larger ridge	Pink Granite (Ottertail)- medium grained, pink, equigranular granite dike, with 10-15% hornblende in felsic flow ride	**12a, 3a**	1482418	516988E/ 5398541N	Same as OC	No
10-Jun	AR/BB	Line 8+10E, 31+25N	516988E	5398541N	OC6D	6x2x1	Felsic Flow-fine to medium grained, grey, felsic flow with 5% feldspar to granite dikes	**12a, 3a**	No Sample			
10-Jun	AR/BB	Line 8E, 30+40N	517047E	5398440N	OC7	30x2x.5	Gabbro- medium grained, spotted (white and black) gabbro with 60% mafic (hornblende > pyroxene) and 35% plagioclase and >5% magnetite, trace-1% chalcopyrite (oxidized) as peacock colours, on top of large ridge (OC6), uneven fracturing contact at 038o / vertical.	**7b**	1482419	517047E/ 5398440N	Same as OC	Yes
10-Jun	AR/BB	Line 8E, 30+00N	517062E	5398412N	OC7A	25x4x1	Gabbro- part of OC7, maybe 70% mafic, 30% plagioclase but >5% magnetite and trace pyrite.	**7b**	No Sample			
10-Jun	AR/BB	Line 8E, 29+75N	517075E	5398385N	OC7B	30x1x.5	Gabbro- part of OC7, maybe 70% mafic, 30% plagioclase but >5% magnetite and trace pyrite.	**7b**	No Sample			
10-Jun	AR/BB	Line 8E, 29+50N	517082E	5398367N	OC7C	30x3x.5	Gabbro- continuation of OC7 but >80% mafic, < 15% plagioclase, 5% magnetite, trace pyrite	**7b**	See Sample 1482399			
10-Jun	AR/BB	Line 8E, 29+25N	517088E	5398352N	OC7D	8x5x.5	Gabbro- Contact of OC7 but fine grained gabbro contact	**7a**	No Sample			
10-Jun	AR/BB	Line 8+25E, 29+14N	517110E	5398362N	OC7E	30x17x3	Gabbro- Contact of OC7 but fine grained gabbro contact. East end is fine grained, grey, massive, felsic flow	**7a. 3a**	No Sample			
10-Jun	AR/BB	Line 8+90E, 28+60N	517193E	5398414N	OC8	5x2x.5	Felsic Flow- fine grained, grey, massive, felsic flow with >5% grey quartz eyes	**3a**	No Sample			

10-Jun	AR/BB	Line 9E, 28+50N	517204E	5398392N	OC9	30x12x.6	Felsic Flow (shear)- fine grained, grey, felsic flow with weak shear at 040o/vertical, >5-10% silica alteration and trace to 1% pyrite; ridge may continueto L8E.	**3b**	1482420	517204E/ 5398392N	Same as OC	Yes
10-Jun	AR/BB	Line 9+18E, 28+40N	517222E	5398382N	OC9B	30x12x.6	Felsic Flow (shear)- fine grained, grey, felsic flow with weak shear at 040o/ vertical, >5-10% silica alteration and trace to 1% pyrite; may continue to L8E.	**3b**	No Sample			
10-Jun	AR/BB	Line 9+40E, 28+30N	517258E	5398402N	OC10	5x3x.2	Felsic Flow- fine grained, grey, siliceous, felsic flow with >5% grey quartz eyes, no sulphides	**3a**	No Sample			
10-Jun	AR/BB	Line 10E, 28+07N	517284E	5398429N	OC11	7x5x.6	Felsic Flow- fine grained, light grey, felsic flow (bleach)- possible silica alteration, strong cleavage 300o/vertical	**3a**	1482421	517284E/ 5398429N	Same as OC	Yes
10-Jun	AR/BB	Line 10E, 28+60N	517262E	5398481N	OC12	25x3x1	Basalt- fine grained, dark grey, massive basalt with 1% quartz-calcite veins (<1cm), and specks of pyrite (<1/2%)	**1a**	1482422	517262E/ 5398481N	Same as OC	Yes
10-Jun	AR/BB	Line 10E, 29+15N	517238E	5398542N	OC13	6x4x1	Felsic Flow-fine grained, grey, massive, siliceous felsic flow with concoidal fracture and trace pyrite	**3a**	No Sample			
10-Jun	AR/BB	Line 10E, 29+40N	517218E	5398534N	OC14	10x5x1	Altered Andesite- medium grained, black, >20% biotite, altered andesite with <1% secondary copper	**2b**	1482423	517218E/ 5398534N	Same as OC	Yes
10-Jun	AR/BB	Line 10E, 29+80N	517199E	5398576N	OC15	2x2x.5 (subcrop)	Gabbro- fine grained, black, highly magnetic gabbro with >70% mafic, 20% plagioclase, >5% magnetite, trace-1% pyrite chalcopyrite, thin (1cm) veins of quartz or quartz calcite or granite	**7a**	1482424	517199E/ 5398576N	Same as OC	Yes
10-Jun	AR/BB	Line 10E, 30+50N	517157E	5398627N	OC15B	15x2x1	Gabbro-similar to OC15, fine grained, black gabbro with >80% mafic, highly magnetic, >15% plagioclase, >5%	**7a**	No Sample			
10-Jun	AR/BB	Line 10E, 30+95N	517141E	5398667N	OC16	12x2x1 (ledge)	Banded Felsic Flow- medium grained, pink and black, banded, rhyolite flow with >10% hornblende, trace pyrite	**3a**	1482425	517141E/ 5398667N	Same as OC	No
10-Jun	AR/BB	Line 9+90E, 31+35N	517107E	5398693N	OC17	15x3x1.5	Felsic Flow- similar to OC16 but weak banding, poorly exposed, little to no structures	**3a**	No Sample			
10-Jun	AR/BB	Line 9+70E, 32+30N	517043E	5398762N	OC18	20x6x.5	Felsic Flow- fine grained, grey, flow bands of felsic flow, trace pyrite, injected by 0.1-0.5 metre dikes of orthoclase porphyry granites @ 050o/vertical	**3a, 12a**	1482426	517042E/ 5398764N	Same as OC	No
10-Jun	AR/BB	Line 10+15E, 32+85N	517055E	5398827N	OC18B	5x2x.1	Felsic Flow- same felsic flow as OC18 all subcrop with approximately <.5 metres of overburden	**3a**	No Sample			
10-Jun	AR/BB	Line 10E, 34+15N	516930E	5398948N	OC19	5x5x.2	Pink Granite- medium grained, pink granite, with 15% hornblende, 10% quartz, 35% orthoclase, <30% plagioclase	**12a**	No Sample			
10-Jun	AR/BB	Line 10E, 35+50N	516881E	5399023N	OC20	8x4x1	Pink Granite- medium grained, pink granite, with >15% hornblende, same as OC19	**12a**	1482427	516881E /5399023N	Same as OC	Yes
10-Jun	AR/BB	Line 9+95E, 35+70N	516858E	5399026N	OC21	3x1x.5	Pink Granite- medium grained, pink granite, with >15% hornblende, same as OC19	**12a**	No Sample			
11-Jun	AR/BB	Line 24E, 30+65N	518289E	5399456N	OC1	42x25x5 (rock cut)	Felsic Flow- fine grained, dark grey to black, siliceous unit with concoidal fracture, weathers buff, fracture 1 084o/vertical, fracture 2 320o/vertical	**3a**	No Sample			
11-Jun	AR/BB	Line 24E, 30+18N	518308E	5399447N	OC2	10x3x1	Felsic Flow- fine grained, dark grey, siliceous rock with >5% plagioclase and >10% quartz eyes	**3a**	1482444	518308E/ 5399447N	Same as OC	No
11-Jun	AR/BB	Line 22E, 32+00N	518078E	5399437N	OC3	47x25x3	Gabbro- medium grained, black to spotted, >70% mafic, 30% plagioclase with moderate to strong magnetite, <trace pyrite	**7b**	No Sample			
11-Jun	AR/BB	Line 22+50E, 31+60N	518115E	5399441N	OC4	110x20x2.5	Felsic Flow- fine grained, grey, siliceous unit with concoidal fracture to blocky, fracture 1 360o/80oW, fracture 2 270o/80oS, fracture 3 240o/60oNW (faulting?)	**3a**	No Sample			
11-Jun	AR/BB	Line 22+40E, 31+65N	518097E	5399444N	OC4B	110x20x2.5	Gabbro- western most 9 metres is sheared gabbro, medium grained, spotted gabbro, with .1-.2 metre fractures at 018o/75oW, west end is almost coarse grained, medium to coarse grained, 70% mafic and 30% plagioclase, gabbro, moderately magnetite, rare sulphides	**7f, 7c**	1482446	518097E/ 5399444N	Same as OC	Yes
11-Jun	AR/BB	Line 22+60E, 31+80N	518094E	5399459N	OC5	20x25x3.5	Gabbro- medium grained, black, gabbro, >70% mafic, equigranular, weak to moderate magnetite, rare-trace pyrite, fracture 1 026o/80oW +/- 1" quartz veins	**7b**	1482445	518094E/ 5399459N	Same as OC	Yes
11-Jun	AR/BB	Line 23+30E, 31+25N	518184E	5399456N	OC6	20x60x2.5	Felsic Flow-fine to medium grained, dark grey, massive to blocky, siliceous unit, with concoidal fracture and buff weathering, flow bands, fracture 1 330o/vertical, fracture 2 282o/vertical	**3a**	No Sample			
11-Jun	AR/BB	Line 21+90E, 31+40N	518095E	5399400N	OC7	70x3x1	Felsic Flow- fine grained, grey, siliceous (to cherty) with concoidal felsic flow with buff weathering and weak flow banding, parallel fracturing 048o/vertical	**3a**	1482447	518095E/ 5399400N	Same as OC	No
11-Jun	AR/BB	Line 22E, 27+10N	518459E	5398832N	OC8	10x6x1	Felsic Flow- medium grained, dark grey, >5% blue quartz eyes with 1% fine calcite veins	**3a**	1482428	518459E/ 5398832N	Same as OC	Yes
11-Jun	AR/BB	Line 22+20E, 28+15N	518261E	5399114N	OC9	50x50x4	Felsic Flow-medium grained, grey with >5% blue quartz eyes, trace pyrite	**3a**	1482429	518261E/ 5399114N	Same as OC	Yes
11-Jun	AR/BB	Line 22E, 29+70N	518167E	5399224N	OC10	25x15x1.5	Basalt- fine grained, grey, massive basalt flow	**1a**	1482430	518167E/ 5399224N	Same as OC	No
11-Jun	AR/BB	Line 22E, 30+10N	518169E	5399276N	OC11	12x8x1	Siliceous Basalt- fine grained, basalt with >20% siliceous alteration and >2% pyrite	**1b**	1482431	518169E/ 5399276N	Same as OC	Yes
11-Jun	AR/BB	Line 22E, 30+85N	518115E	5399338N	OC12	3x2x1	Andesite Flow- medium grained, grey, andesitic flow with <5% grey quartz eyes	**2a**	1482432	518115E/ 5399338N	Same as OC	Yes
11-Jun	AR/BB	Line 24E, 27+20N	518564E	5399083N	OC13	15x2x1	Felsic Flow- fine to medium grained, grey, >5% biotite alteration, >5% grey and blue quartz eyes	**3b**	1482433	518564E/ 5399083N	Same as OC	No
11-Jun	AR/BB	Line 26E, 25+30N	518733E	5399149N	OC14	20x4x.5	Felsic Flow- fine to medium grained, grey, felsic flow with 5-10% grey and blue quartz eyes	**2a**	1482434	518733E/ 5399149N	Same as OC	No
11-Jun	AR/BB	Line 34E, 23+75N	519538E	5399449N (West End)	OC15	140x20x6	Gabbro- medium grained, black, gabbro. Weakly sheared at 036o/80oW with >10% chlorite alteration +/- 5% calcite, 1-3cm quartz vein at 320o, shearing continues approximately 20 metres, central "pods" of 0.5-2 metres of coarse grained to pegmatite gabbro and several "bleached" zones of siliceous gabbro up to 1 metre.	**7b, 7e**	**7d,** No Sample			

11-Jun	AR/BB	Line 35+15E, 22+90N	519649E	5399438N	OC15A	.25 metre quartz vein	15 Metres from east end -10" white vein and 2"gabbro with 1% pyrite-chalcopyrite as 12" chip at 320o, part of 2 metre wide zone of 2-5cm quartz vein at 320o, 340o, 360o but pinch out after 2 metre	**QV**	1482441	519649E/ 5399438N	Same as OC	Yes
11-Jun	AR/BB	Line 34+50E, 22+47N	519589E	5399436N	OC15B	1 metre zone	45 Metres West of East End- pegmatite gabbro, >1 metre zone of coarse gabbro (80% mafic, 20% plagioclase)		1482442	519589E/ 5399436N	Same as OC	Yes
11-Jun	AR/BB	Line 34+55E, 22+45N	519588E	5399436N	OC15C	1 metre zone	46 Metres West of East End- silicified gabbro, 1 metre zone of >30% siliceous altered gabbro and 1% epidote bleached	**7e**	1482443	519588E/ 5399436N	Same as OC	Yes
11-Jun	AR/BB	Line 34+50E, 23+75N	519630E	5399454N (East End)	OC16	90x15x4	Gabbro- fine to medium grained, dark green to grey, gabbro with >70% mafics and >20% plagioclase,	**7b**	No Sample			
11-Jun	AR/BB	Line 34+40E, 23+75N	519563E	5399458N	OC16A	5 metre wide shear	West End- 5 metre shear zone at 035o/vertical of chlorite-calcite (>10%) altered gabbro with 2-5% calcite veins	**7f**	1482435	519563E/ 5399458N	Same as OC	No
11-Jun	AR/BB	Line 34+50E, 23+72N	519566E	5399451N	OC16B	3-5 cm vein	12 Metres from West End-3-5cm white quartz vein at 320o	**QV**	1482436	519566E/ 5399451N	Same as OC	Yes
11-Jun	AR/BB	Line 34+60E, 23+55N	519576E	5399454N	OC16C	.5 metre shear	20 Metres from West End- .5 metre shear zone (faulted) of calcite-chlorite-altered gabbro at 042o/vertical	**7f**	1482437	519576E/ 5399454N	Same as OC	Yes
11-Jun	AR/BB	Line 34+70E, 23+50N	519590E	5399451N	OC16D	.5 metre wide zone of quartz veins	32 Metres from West End- folded quartz-tourmaline-calcite, chlorite veins over 5-10cm, vein- 25-30% quartz, 20% Calcite, 20% tourmaline, 25% chlorite	**QCV**	1482438	519590E/ 5399451N	Same as OC	Yes
11-Jun	AR/BB	Line 34+80E, 23+47N	519957E	5399454N	OC16E	2 metre wide pods	40 Metres from West End-pegmatite gabbro, coarse grained, gabbro with plagioclase, hornblende/pyrite >1cm in >2 metre pods, trace -2% pyrrhotite, possible weak siliceous (>5%)	**7d**	1482439	519957E/ 5399454N	Same as OC	Yes
11-Jun	AR/BB	Line 34+95E, 23+22N	519630E	5399453N	OC16F	>10 metre wide zone	10 Metres from East End- high sheared gabbro, >20% chlorite-calcite at 038o/vertical	**7f**	1482440	519630E/ 5399453N	Same as OC	Yes
11-Jun	AR/BB	Line 38E, 22+50N	519912E	5399577N	OC17	75x20x3	Park Gabbro- this outcrop is 90% Felsic Flow, fine grained, dark grey with >5% blue and grey quartz eyes	**3a, 7f**	No Sample			
13-Jun	AR/BB	Line 14 +10E, 36+40N	517160E	5399342N	OC1	5x4x1	Granite Hybrid- >80% medium grained, grey granite with >10% basalt clasts and >5% granite dike	**12a, 1c**	No Sample			
13-Jun	AR/BB	Line 14+10E, 36+05N	517172E	5399317N	OC2	8x5x1	Basalt Hybrid- >70% basalt xenoliths with >20% granite dikes	**1c**	No Sample			
13-Jun	AR/BB	Line 14E, 35+80N	517162E	5399280N	OC3A	6x2x.5 at 040o	Felsic Flow- small ridge of felsic flow, grey, fine grained, massive-remnant between contact zone	**3a**	No Sample			
13-Jun	AR/BB	Line 14+00E, 35+50N	517172E	5399280N	OC3B	2x2x1	Basalt Hybrid- >70% basalt xenoliths with >20% granite dikes	**1c**	No Sample			
13-Jun	AR/BB	Line 14E, 34+50N	517195E	5393270N	OC4	35x10x1	Hybrid Granite to Hybrid Basalt-outcrop varies from >80% granite with 20% basalt xenoliths to 80% basalt xenoliths with >20% granite	**12a, 1c**	No Sample			
13-Jun	AR/BB	Line 14E, 34+40N	517263E	5399168N	OC5	12x7x1	"Cooked" Granite-fine grained, pink granite with weak foliation (360o/vertical along N/S contact, several 10cm aplite at 360o	**3d, 12c**	1482448	517251E/ 5399191N	Same as OC	No
13-Jun	AR/BB	Line 13+80E, 34+40N	517248E	5399168N	OC5B	3x3x1	Granite-medium grained, pink granite, massive	**3a**	No Sample			
13-Jun	AR/BB	Line 13+80E, 34+25N	517257E	5399147N	OC6	12x15x.5	Flow Banded Rhyolite- fine grained, pink, good flow banding rhyolite (to felsic flow)	**3a**	1482449	517257E/ 5399147N	Same as OC	No
13-Jun	AR/BB	Line 14E, 34+00N	517285E	5399144N	OC7	20x6x.5	Felsic Flow- fine grained, pink, felsic flow with weak flow bands (approximately 005o)	**3a**	No Sample			
13-Jun	AR/BB	Line 14E 33+23N	517340E	5399068N	OC8	10x15x1	Felsic Flow (Pink)- fine grained, pink, felsic flow with bands at 005o-010o and 5% hornblende	**3a**	No Sample			
13-Jun	AR/BB	Line 14E, 33+04N	517348E	5399065N	OC8B	2x1.5x.5	Felsic Flow (Pink)- fine grained, pink, felsic flow with bands at 005o-010o and 5% hornblende	**3a**	No Sample			
13-Jun	AR/BB	Line 14E, 32+80N	517350E	5399050N	OC8C	2x1x.3	Felsic Flow (Grey)- fine to medium grained, grey, felsic flow with 10% plagioclase, 5% grey quartz eyes	**3a**	No Sample			
13-Jun	AR/BB	Line 14E, 32+50N	517401E	5399024N	OC9	45x20x1	Grey Felsic Flow- fine grained, grey, massive felsic flow with >10% plagioclase and siliceous (rare grey quartz eyes), bottom of outcrop flow banding 008o-010o	**3a**	1482450	517401E/ 5399024N	Same as OC	Yes
13-Jun	AR/BB	Line 14E, 31+55N	517422E	5398946N	OC10	8x3x1	Grey Felsic Flow- fine to medium grained, grey, felsic flow with flow bands at 010o	**3a**	No Sample			
13-Jun	AR/BB	Line 14+27E, 31+40N	517442E	5398945N	OC10B	4x2x1	Grey Felsic Flow- fine to medium grained, grey, felsic flow with flow bands at 010o	**3a**	No Sample			
13-Jun	AR/BB	Line 14+10E, 30+80N	517491E	5398879N	OC11	3x2x.3	Gabbro- fine to medium grained, black, gabbro (to andesite) with possible quartz eyes, (1-2%) and highly magnetic (>5% magnetite), trace pyrrhotite (?) or pyrite	**7b**	1482451	517491E/ 5398879N	Same as OC	Yes
13-Jun	AR/BB	Line 14E, 30+50N	517518E	5398865N	OC12	95x20x2	Gabbro Unit- same as OC11, black, fine grained, gabbro with >5% magnetite	**7b**	No Sample			
13-Jun	AR/BB	Line 14+30E, 30+60N	517523E	5398855N	OC12B	95x20x2	Granophyre- 5% orthoclase in medium grained gabbro	**7b**	1482452	517523E/ 5398855N	Same as OC	Yes
13-Jun	AR/BB	Line 14+05E, 30+28N	517502E	5398824N	OC12C	95x20x2	Gabbro-Andesite- the south corner is more gabbro to andesite with possible quartz eyes (<2%) and <1% magnetite	**7b, 2a**	No Sample			
13-Jun	AR/BB	Line 14E, 29+97N	517582E	5398805N	OC13	20x5x.5	Grey Felsic Flow- fine grained, grey, massive, felsic flow with 5% grey quartz eyes	**3a**	No Sample			
13-Jun	AR/BB	Line 14E, 29+85N	517587E	5398793N	OC13B	65x6x1	Aplite- fine grained, pink aplite dike in grey felsic flow	**3a, 12c**	No Sample			

13-Jun	AR/BB	Line 14E, 29+89N	517580E	5398795N	OC13C	11x6x1	Grey Felsic Flow- fine grained, grey, massive, felsic flow with 5% grey quartz eyes	**3a**	No Sample			
13-Jun	AR/BB	Line 14E, 28+75N	517595E	5398696N	OC14	16x1x.5	Basalt- fine to medium grained, black, massive basalt with >20% plagioclase xenocrysts, non-magnetic	**1a**	1482453	517595E/ 5398696N	Same as OC	Yes
13-Jun	AR/BB	Line 14E, 28+50N	517611E	5398688N	OC15	25x1.5 high ledge	Felsic Flow- fine grained, grey, massive felsic flow with 3% blue quartz eyes and trace pyrite (<.5%)	**3a**	No Sample			
13-Jun	AR/BB	Line 14E, 28+25N	517627E	5398652N	OC15B	30x8x1	Felsic Flow- same as OC 15	**3a**	No Sample			
13-Jun	AR/BB	Line 14E, 288+00N	517640E	5398641N	OC16	40x25x1	Felsic Flow- same fine grained, grey felsic flow as OC15	**3a**	No Sample			
13-Jun	AR/BB	Line 14E, 27+70N	517653E	5398613N	OC17	50x15x2	Felsic Flow- fine to medium grained, grey, massive felsic flow with 10% plagioclase, fracture 060o/vertical	**3a**	1482454	517653E/ 5398613N	Same as OC	No
13-Jun	AR/BB	Line 14E, 27+30N	517677E	5398597N	OC18	30x25x1	Felsic Flow- same grey felsic flow, poorly exposed	**3a**	No Sample			
13-Jun	AR/BB	Line 14E, 26+70N	517716E	5398535N	OC19	8x3x1 ledge	Andesite to Felsic Flow- medium grained, grey, andesite to felsic flow with 10% biotite alteration and 3-5% grey quartz eyes, no sulphides	**2b, 3b**	No Sample			
13-Jun	AR/BB	Line 14E, 26+50N	517722E	5398526N	OC20	6x3x1	Felsic Flow- same fine to medium grained, grey felsic flow with 10% plagioclase, 5% grey quartz eyes and rare pyrite (<.25%)	**3a**	No Sample			
13-Jun	AR/BB	Line 14E, 25+75N	517777E	5398446N	OC21	12x15x1.5	Felsic Flow- fine to medium grained, grey felsic flow with 10% plagioclase, 5% grey quartz eyes	**3a**	No Sample			
13-Jun	AR/BB	Line 14E, 25+10N	517798E	5398407N	OC22	100x35x3	Felsic Flow- fine grained, light grey, massive felsic flow with >5% grey quartz eyes, sniffs of pyrite (<.25%) fractures 328o/80N	**3a**	No Sample			
13-Jun	AR/BB	Line 13+40E, 25+45N	517737E	5398402N	OC23	15x10x1	Felsic Flow- fine grained, light grey, massive felsic flow with >5% grey quartz eyes, sniffs of pyrite (<.25%) fractures 328o/80N	**3a**	No Sample			
13-Jun	AR/BB	Line 13+20E, 25+65N	517700E	5398405N	OC24	10x5x1	Felsic Flow-fine to medium grained, grey, massive felsic flow	**3a**	No Sample			
13-Jun	AR/BB	Line 13+15E, 25+70N	517715E	5398403N	OC24B	1.5 metre zone	Felsic Flow- 1.5 metre rusty zone, felsic flow with >20% silica alteration and then later red quartz veins, not much sulphides	**3b, 3a**	1482455	517715E/ 5398403N	Same as OC	Yes
13-Jun	AR/BB	Line 13+05E, 25+80N	517708E	5398400N	OC24C	8x4x.2 hilltop	Felsic Flow-fine to medium grained, grey, massive felsic flow	**7b**	No Sample			
13-Jun	AR/BB	Line 13E, 25+90N	517654E	5398413N	OC25	50x35x2	Felsic Flow- grey, trace pyrite, fine grained, grey, 5% sericite alteration, <1% pyrite in felsic flow	**3b**	1482456	517654E/ 5398413N	Same as OC	Yes
13-Jun	AR/BB	Line 12+80E, 26+05N	517623E	5398398N	OC25B	30x25x.5	Grey Felsic Flow- same fine grained, grey, felsic flow and <5% biotite alteration, >5% grey quartz eyes	**3b**	No Sample			
13-Jun	AR/BB	Line 12+45E, 26+25N	517580E	5398395N	OC25C	5x2x1	Felsic Flow- fine grained, grey, massive felsic flow	**3a**	No Sample			
13-Jun	AR/BB	Line 12+45E, 26+38N	517628E	5398447N	OC25D	9x5x1	Felsic Flow- fine grained, grey, massive felsic flow	**3a**	No Sample			
13-Jun	AR/BB	Line 12E, 27+15N	517571E	5398396N	OC26	12x6x1	Andesite- fine grained, black, >20% biotite altered andesite and trace-1% pyrite	**2b**	1482457	517532E/ 5398437N	Same as OC	No
13-Jun	AR/BB	Line 11+95E, 27+38N	517512E	5398427N	OC26B	3x2x.7	Felsic Flow- fine grained, grey, massive felsic flow and trace pyrite	**3a**	No Sample			
13-Jun	AR/BB	Line 12E, 27+70N	517512E	5398477N	OC27	40x5x1	Felsic Flow- same grey felsic flow, with 10% plagioclase, >5% grey quartz eyes	**3a**	No Sample			
13-Jun	AR/BB	Line 12E, 28+08N	517488E	5398507N	OC28	30x10x1	Felsic Flow- same grey felsic flow, with 10% plagioclase, >5% grey quartz eyes	**3a**	No Sample			
13-Jun	AR/BB	Line 12E, 28+25N	517480E	5398524N	OC28B	70x20x2	Felsic Flow- same grey felsic flow, with 10% plagioclase, >5% grey quartz eyes	**3a**	No Sample			
13-Jun	AR/BB	Line 12E, 28+40N	517474E	5398536N	OC28C	1 metre ledge	Felsic Flow- same grey felsic flow, with 10% plagioclase, >5% grey quartz eyes	**3a**	No Sample			
13-Jun	AR/BB	Line 12E, 28+60N	517450E	5398558N	OC29	20x10x1.2	Gabbro (Andesite)-fine to medium grained, dark grey, gabbro (to andesite) with <2% quartz eyes and <1% magnetite (poorly magnetic)	**7b, 3a**	1482458	517450E/ 5398558N	Same as OC	Yes
13-Jun	AR/BB	Line 12E, 28+75N	517447E	5398566N	OC29B	1x5 ledge	Basalt- fine grained, dark grey, massive basalt	**1a**	No Sample			
13-Jun	AR/BB	Line 12E, 29+23N	517416E	5398612N	OC30	8x4x1	Felsic Flow- fine grained, light grey, massive felsic flow with no visible sulphides and 5% grey quartz eyes	**3a**	No Sample			
13-Jun	AR/BB	Line 12E, 29+45N	517397E	5398627N	OC30B	50x20x4	Felsic Flow- fine grained, light grey, massive felsic flow with no visible sulphides and 5% grey quartz eyes	**3a**	No Sample			
13-Jun	AR/BB	Line 12E, 32+02N	517248E	5398861N	OC31	20x10x1.2	Felsic Flow- fine grained, light grey, felsic flow with flow banding parallel to lines (at 60o)	**3a**	No Sample			
13-Jun	AR/BB	Line 12E, 32+25N	517241E	5398878N	OC31B	2x2x.1	Felsic Flow- fine grained, light grey, felsic flow with flow banding parallel to lines (at 60o)	**3a**	No Sample			
13-Jun	AR/BB	Line 12E, 32+55N	517202E	5398897N	OC32	20x12x1.5	Felsic Flow- fine grained, grey, banded felsic flow at 060o	**3a**	1482459	517202E/ 5398897N	Same as OC	Yes
13-Jun	AR/BB	Line 12E, 32+60N	517168E	5398972N	OC33	60x20x1	Felsic Flow- fine grained, banded felsic flow at 060o with >5% grey quartz eyes, weak fracture at 015o/vertical	**3a**	No Sample			
13-Jun	AR/BB	Line 12E, 33+90N	517161E	5398979N	OC34	10x8x.6	Felsic Flow- fine grained, grey, banded felsic flow	**3a**	No Sample			

13-Jun	AR/BB	Line 12E, 34+12N	517125E	5399010N	OC35	7x5x.5	Felsic Flow- fine grained, grey, banded felsic flow	**3a**	No Sample			
13-Jun	AR/BB	Line 12E, 34+55N	517115E	5399054N	OC36	8x4x.5	Basalt- fine grained, black, massive basalt	**1a**	No Sample			
13-Jun	AR/BB	Line 12E, 34+90N	517090E	5399067N	OC37	10x6x1.5	Basalt- fine grained, black, massive basalt	**1a**	No Sample			
13-Jun	AR/BB	Line 12E, 38+35N	516895E	5399339N	OC38	7x4x1	Pink Granite- medium grained, pink, equigranular granite with 10-15% hornblende	**12a**	No Sample			
16-Jun	AR/BB	Line 18E, 35+60N	517533E	5399491N	OC1	3x4x0-1 (flat)	Felsic Flow- fine grained, grey, massive siliceous flow, weak fracture 360o/vertical	**3a**	No Sample			
16-Jun	AR/BB	Line 17+95E, 35+80N	517516E	5399511N	OC1B	1.5 metre zone	Rusty Felsic Flow- rusty/red zone, 3% hematite, 356o/vertical	**3b**	1482461	517516E/ 5399511N	Same as OC	Yes
16-Jun	AR/BB	Line 18E, 36+35N	517488E	5399560N	OC2	20x10x1	Felsic Flow- fine grained, grey, massive, siliceous flow with <5% biotite	**3a**	No Sample			
16-Jun	AR/BB	Line 17+90E, 36+20N	517482E	5399555N	OC2B	1 metre zone	Rusty Felsic Flow- 1 metre wide at 018o/vertical with >5% hematite alteration of felsic flow	**3b**	1482460	517482E/ 5399555N	Same as OC	Yes
16-Jun	AR/BB	Line 18E, 36+80N	517467E	5399591N	OC3	4x2x.2	Altered Felsic Flow- fine grained, grey to off white, felsic flow with weak sericite (<5%) and 2% hematite alteration	**3a**	1482462	517467E/ 5399591N	Same as OC	Yes
16-Jun	AR/BB	Line 18N, 37+20N	517432E	5399630N	OC4	50x30x1.5	Felsic Flow Hybrid- fine grained, grey, massive felsic flow with flow banding at 010o, south end contains up to 30-50% medium grained pink granite or orthoclase porphyry granite dike, northwest section contains up to 50% basalt clast (recrystallized to amphibolite)	**3d, 12b**	No Sample			
16-Jun	AR/BB	Line 18E, 37+50N	517917E	5399660N	OC5	45x28x1	Banded Felsic Flow and Granite- 4 bands of alternating grey felsic flows or weakly foliated (to gneissic) pink granite	**3d, 12a**	No Sample			
16-Jun	AR/BB	Line 18E, 38+90N	517339E	5399768N	OC6	35x13x1	Foliated (to gneissic) Granite- fine to medium grained, grey to pink granite with weak to strong foliation at 082o/vertical and gneissic banding of orthoclase and rare plagioclase or quartz, appears rusty due to weathers and mafics, especially biotics little to no sulphides	**3d**	1482463	517339E/ 5399768N	Same as OC	No
16-Jun	AR/BB	Line 18E, 39+12N	517336E	5399776N	OC6B	15x10x1	Similar to OC6 foliated at 082o/vertical and parallel to weak fractures	**3d**	No Sample			
16-Jun	AR/BB	Line 18E, 39+75N	517297E	5399812N	OC7	50x50x2	Foliated Basalt- fine grained, dark grey, "booked" basalt/amphibolite with strong foliation at 040o/vertical, small granite dikes (<10cm) at 060o/vertical to 080o/vertical	**1c**	1482464	517297E/ 5399812N	Same as OC	Yes
16-Jun	AR/BB	Line 18E, 39+80N	517295E	5399817N	OC7B	6x4x1	Foliated Basalt with Dikes- fine grained, black, foliated basalt/amphibolite with >20% white granite dikes at 010o/060o, 320o (<10cm), up 5% epidote alteration of basalt	**1c**	No Sample			
16-Jun	AR/BB	Line 18E, 40+25N	517263E	5399857N	OC8	15x3x1 (ledge)	Foliated Basalt- fine grained, dark grey, foliated basalt/amphibolite with 10% grey granite dikes at 082o/vertical (1-5cm)	**1c**	No Sample			
16-Jun	AR/BB	Line 17+90E, 40+45N	517254E	5399873N	OC9	35x3x.2	Foliated Granite- fine to medium grained, grey, granite gneiss at 038o/vertical (foliation) and fracturing 010o/vertical (+/- epidites at 5-10%)	**3d**	No Sample			
16-Jun	AR/BB	Line 18E, 40+55N	517250E	5399879N	OC10	7x2x.2	Foliated Basalt- fine grained, grey, foliated basalt/amphibolite with 20% bands of recrystallized plagioclase foliation- 006o/vertical	**1c**	No Sample			
16-Jun	AR/BB	Line 18E, 40+75N	517247E	5399885N	OC11	20x10x.2	Grey Granite- medium grained, grey, equigranular, grey granite with <5% mafics (biotite or hornblende)	**12a**	No Sample			
16-Jun	AR/BB	Line 18E, 40+95N	517245E	5399910N	OC11B	8x2x.1	Grey Granite- medium grained, grey, equigranular, grey granite with <5% mafics (biotite or hornblende)	**12a**	No Sample			
16-Jun	AR/BB	Line 18E, 41+28N	517212E	5399936N	OC12	30x20x1	Foliated Granite- >90% of the rock is highly foliated (to gneissic) granite at different orientations, south end is highly fractured at 030o/vertical, small granite dikes <.5m	**3d**	No Sample			
16-Jun	AR/BB	Line 18E, 41+60N	517202E	5399966N	OC12B	12x4x1	Foliated Granite- same as OC12 but up to 10% clasts (>.5m) of foliated basalt/amphibolite	**3d**	No Sample			
16-Jun	AR/BB	Line 17+88E, 42+05N	517172E	5399983N	OC13	15x4x.2	Foliated Granite- same fine grained, grey, foliated (variety) granite with 10% granite dikes	**3d**	No Sample			
16-Jun	AR/BB	Line 17+80E, 42+10N	517157E	5399982N	OC13B	50x35x2	Foliated Granite- same as OC13 with 10% granite dikes	**3d**	No Sample			
16-Jun	AR/BB	Line 17+65E, 42+20N	517189E	5399989N	OC14	40x15x.8	Pink Granite Dike- fine grained, pink, equigranular granite (Ottertail) at 010o	**12a**	1482465	517189E/ 5399989N	Same as OC	No
16-Jun	AR/BB	Line 17+50E, 42+35N	517107E	5399983N	OC14B	30x15x1	Foliated Granite- fine grained, high foliation-gneiss granite and 10% basalt clasts and 10% granite dike	**3d**	No Sample			
16-Jun	AR/BB	Line 17+20E, 42+45N	517081E	5399983N	OC15	25x10x1	Foliated Basalt/Amphibolite- fine grained, dark grey, cooked basalt/amphibolite with 5% granite dikes, <5% epidote alteration	**1c**	No Sample			
16-Jun	AR/BB	Line 16+55E, 42+75N	516955E	5399978N	OC16	10x10x3	Foliated Basalt/Amphibolite- fine grained, grey, foliated basalt to amphibolite with 5% granite dikes (<10cm), poor exposure	**1c**	1482466	516955E/ 5400011N	Same as OC	No
16-Jun	AR/BB	Line 16E, 42+75N	516515E	5399958N	OC16B	12x4x2 (ledge)	Foliated Basalt/Amphibolite- fine grained, grey, foliated basalt to amphibolite with 5% granite dikes (<10cm), poor exposure	**1c**	No Sample			
16-Jun	AR/BB	Line 16E, 42+49N	516524E	5399938N	OC16C	3x1x.5	Foliated Basalt and Granite- mixed outcrop or boulder of foliated basalt and foliated granite	**1c**	No Sample			
16-Jun	AR/BB	Line 16E, 41+03N	517039E	5399840N	OC17	4x2.5x.5	Foliated Granite- fine grained, grey, foliated to gneissic granite and 10% orthoclase porphyry granite dike	**3d**	No Sample			
16-Jun	AR/BB	Line 16E, 40+85N	517039E	5399825N	OC17B	15x6x.5	Foliated Basalt- fine grained, dark grey, foliated basalt/amphibolite with 10% granite dikes	**1c**	No Sample			

16-Jun	AR/BB	Line 16E, 40+85N	517102E	5399760N	OC18	6x1x.5	Foliated Granite-fine to medium grained, pink, foliated to gneiss granite with rusty patch (oxidized biotite or hornblende) approximately 2-3%, no sulphides	**3d**	No Sample			
16-Jun	AR/BB	Line 16+30E, 39+55N	517105E	5399710N	OC19	20x8x1	Foliated Granite +/- Foliated Basalt- fine grained, grey, foliated to gneissic granite with large boulders/clasts up to 1-2m of foliated basalt/amphibolite, one fracture (2-3m) has 1-2% pyrite but limited <1m long	**1c**	No Sample			
16-Jun	AR/BB	Line 16E, 39+00N	517157E	5399679N	OC20	3x2x.7	Foliated Granite +/- Foliated Basalt- fine grained, grey, foliated to gneissic granite with large boulders/clasts up to 1-2m of foliated basalt/amphibolite, one fracture (2-3m) has 1-2% pyrite but limited <1m long	**3d**	No Sample			
16-Jun	AR/BB	Line 16E, 38+75N	517162E	5399645N	OC21	1x6x5 (ledge)	Foliated Basalt- fine grained, dark grey, foliated basalt/amphibolite	**1c**	No Sample			
16-Jun	AR/BB	Line 16E, 38+65N	517172E	5399645N	OC21B	6x4x.5	Foliated Granite- fine to medium grained, foliated granite and10% basalt clasts	**3d**	No Sample			
16-Jun	AR/BB	Line 16E, 38+30N	517195E	5399617N	OC22	8x3x.5	Foliated Granite- fine to medium grained, foliated pink granite and 5% basalt clasts (+/- trace-1% pyrite in basalt) moderate fracturing 038o/vertical	**3d**	No Sample			
16-Jun	AR/BB	Line 16E, 37+75N	517227E	5399565N	OC23	3x2x.5	Felsic Flow- fine grained, light grey, massive felsic flow and <5% mafics	**3a**	No Sample			
16-Jun	AR/BB	Line 16E, 37+57N	517232E	5399550N	OC24	5x3x.6	Banded Felsic Flow- fine grained, pink, banded felsic flow with <5% hornblende with several >.1-.2m dikes of orthoclase-porphyry granite	**3a**	No Sample			
16-Jun	AR/BB	Line 16E, 37+32N	517237E	5399530N	OC25	6x3x.5	Basalt- fine grained, black, massive basalt, weakly cooked to amphibolite	**1a**	No Sample			
16-Jun	AR/BB	Line 16E, 37+22N	517256E	5399529N	OC26	18x5x1	Flow Banded Rhyolite (Felsic Flow)- fine grained pink bands (orthoclase) in felsic flow	**3a**	1482467	517256E/ 5399529N	Same as OC	No
16-Jun	AR/BB	Line 16E, 37+00N	517263E	5399520N	OC27	7x2x1	Basalt- fine grained, dark grey, massive basalt with 2-3% fine pyrite or pyrrhotite, possible 1% magnetite?	**1a**	1482468	517263E/ 5399520N	Same as OC	Yes
16-Jun	AR/BB	Line 16E+10E, 16+10N	517350E	5399480N	OC28	160x20x3	Granite Hybrid- last 25 metres is medium grained, grey granite (dike? Porphyry but <5% orthoclase large crystals) and 5-10% basalt clasts (10-50cm) end of outcrop line 340o?	**12a, 12b, 1c**	No Sample			
16-Jun	AR/BB	Line 16E, 36+10N	517305E	5399430N	OC29	70x15x2	West End- Granite Hybrid- 5 metres of granite with >20% basalt xenoliths (.2-.5)	**12a, 1c**	No Sample			
17-Jun	AR/BB	Line 14E, 39+05N	516995E	5399550N	OC1	6x2x.6	Basalt- fine to medium grained, black, massive basalt (to gabbro) with >3% magnetite to trace pyrite	**1a**	1482469	516995E/ 5399550N	Same as OC	No
17-Jun	AR/BB	Line 14E, 39+23N	516990E	5399565N	OC1B	1x1x.5	Granodiorite-Tonalite- (possible boulder) of >30% hornblende in grey granodiorite	**12a**	No Sample			
17-Jun	AR/BB	Line 14E, 39+45E	516984E	5399575N	OC2	7x3x1	Basalt- fine grained, black, massive block with 3-5% magnetite (amphibiolite) but no sulphides, small veins (1cm) of white granite (orthoclase-plagioclase-quartz)	**1a**	1482470	516984E/ 5399575N	Same as OC	No
17-Jun	AR/BB	Line 14E, 40+05N	516946E	5399628N	OC3	6x2x1	Pink Granite- medium grained, pink granite, equigranular and >15% hornblende	**12a**	1482471	516946E/ 5399628N	Same as OC	Yes
17-Jun	AR/BB	Line14 + 05E, 40+50N	516936E	5399678N	OC4	2x2x.5	Pink Granite- medium grained, pink granite with <10% hornblende but similar to OC3	**12a**	No Sample			
17-Jun	AR/BB	Line 14 + 20E, 40+80N	516931E	5399708N	OC5	10x6x1	Pink Granite- medium grained, pink granite with <10% hornblende but similar to OC3	**12a**	No Sample			
17-Jun	AR/BB	Line 14E, 41+00N	516886E	5399701N	OC5B	30x15x2	Pink Granite- medium grained, pink granite with <10% hornblende but similar to OC3	**12a**	No Sample			
17-Jun	AR/BB	Line 14E, 41+20N	516871E	5399711N	OC5C	8x2x.5	Pink Granite- medium grained, pink granite with <10% hornblende but similar to OC3	**12a**	No Sample			
17-Jun	AR/BB	Line 13+30E, 40+35N	516867E	5399608N	OC6	1x1x.5	Basalt- fine grained, dark grey, massive basalt with 1% pyrite and non magnetic	**1a**	1482472	516867E/ 5399608N	Same as OC	Yes
17-Jun	AR/BB	Line 13+10E, 40+00N	516855E	5399556N	OC7	3x2x.5	Pink Granite- medium grained, pink granite with >10% hornblende	**12a**	No Sample			
17-Jun	AR/BB	Line 12+90E, 39+70N	516869E	5399538N	OC8	4x2x.7	Pink Granite- same pink granite as OC7 with 10% hornblende	**12a**	No Sample			
17-Jun	AR/BB	Line 12E, 39+20N	516845E	5399427N	OC9	2x1x.5	Pink Granite- medium grained, pink granite with 15% hornblende	**12a**	No Sample			
17-Jun	AR/BB	Line 12E, 38+50N	516880E	5399377N	OC10	145x15x4	Pink Granite- medium grained, pink granite, 10-15% hornblende +/- chlorite, plagioclase 15%, orthoclase 40%, quartz 10-15%	**12a**	No Sample			
17-Jun	AR/BB	Line 18E, 24+90N	518159E	5398592N	OC11	20x15x3	Felsic Flow- fine grained, grey, felsic flow with grey and blue quartz eyes	**3a**	1482473	518159E/ 5398592N	Same as OC	No
17-Jul	AR/BB	Line 34+50E, 22+47N	519576E	5399443N	OC12	140x20x6	Pegmatitic Gabbro- pegmatite gabbro, >1 metre zone of coarse gabbro (80% mafic, 20% plagioclase)	**7d**	1482474	519576E/ 5399443N	Same as OC	Yes
19-Jun	AR/BB	Line 20E, 35+50N	517865E	5399370N	OC1	3x3x.7	Coarse Gabbro- course grained, spotted gabbro with >40% hornblende-pyrite and 50% plagioclase, <10% biotite and 2% quartz (grey)	**7c**	1482475	517865E/ 5399370N	Same as OC	Yes
19-Jun	AR/BB	Line 20E, 32+40N	517864E	5399366N	OC1B	4x1x.1	Coarse Gabbro- same as OC1, very flat and hard to sample	**7c**	No Sample			
19-Jun	AR/BB	Line 20E, 32+20N	517885E	5399352N	OC1C	6x2x.5	Fine Grained Gabbro- fine to medium grained, black gabbro with <20% plagioclase, >2% magnetite	**7b**	1482476	517885E/ 5399352N	Same as OC	Yes

19-Jun	AR/BB	Line 20E, 32+05N	517885E	5399342N	OC1D	30x13x1	Fine Grained Gabbro- same fine grained gabbro as OC1C moderate fracturing at 050o/vertical	**7a**	No Sample			
19-Jun	AR/BB	Line 20E, 31+35N	517911E	5399270N	OC2	25x12x.5	Felsic Flow- fine grained, grey, siliceous, felsic flow, fracture 1 020o/vertical (joint ?), fracture 2 290o/vertical (joint ?)	**3a**	1482477	517911E/ 5399270N	Same as OC	No
19-Jun	AR/BB	Line 20E, 31+00N	517940E	5399235N	OC2B	12x7x.2	Felsic Flow- fine grained, grey, siliceous felsic flow, very flat	**3a**	No Sample			
19-Jun	AR/BB	Line 20 +10E, 30+30N	517974E	5399202N	OC3	20x4x.3	Felsic Flow- fine grained, grey, siliceous, felsic flow, poorly exposed	**3a**	No Sample			
19-Jun	AR/BB	Line 20 + 10E, 29+50N	518029E	5399128N	OC4	5x1x.2 (large ridge)	Andesite (to Dacite)- medium grained, spotted/grey, equigranular, andesite with >45% plagioclase, >40% hornblende to biotite alteration, >5% quartz, no sulphides	**2a**	1482478	518029E/ 5399128N	Same as OC	No
19-Jun	AR/BB	Line 20E, 29+40N	518034E	5399140N	OC4B	3x1x.5	Andesite (to Dacite)- medium grained, spotted/grey, equigranular, andesite with >45% plagioclase, >40% hornblende to biotite alteration, >5% quartz, no sulphides	**2a**	No Sample			
19-Jun	AR/BB	Line 20E, 28+75N	518074E	5399064N	OC5	30x8x2	Andesite- fine to medium grained, grey, andesite (similar to OC4) with plagioclase, hornblende to biotite and rare pyrite (<0.25%), especially along fractures, fracture 1 030o/vertical, fracture 2 320o/vertical	**2a**	No Sample			
19-Jun	AR/BB	Line 20E, 28+52N	518082E	5399037N	OC5B	10x3x.3	Andesite- same as OC5 but slightly finer grained and fracture 030o/vertical only	**2a**	No Sample			
19-Jun	AR/BB	Line 20E, 28+40N	518088E	5399040N	OC6	50x15x2	Felsic Flow- non-sheared, fine grey siliceous felsic flow with rare pyrite (<.25%) and concoidal fracture	**3b**	1482479	518088E/ 5399035N	Sheared Felsic Flow- >1 metre sheared, north face, fine grained, black felsic flow with stretched quartz eyes (>10%) and >5% biotite alteration	Yes
19-Jun	AR/BB	Line 19+65E, 28+20N	518067E	5398995N	OC6B	50x15x2	Felsic Flow- non-sheared, fine grey siliceous felsic flow with rare pyrite (<.25%) and concoidal fracture	**3a**	1482480	518067E/ 5398995N	Felsic Flow- non-sheared, fine grained, grey, siliceous felsic flow with rare pyrite (.25%) and concoidal fracture	Yes
19-Jun	AR/BB	Line 20E, 27+77N	518126E	5398991N	OC7	4x1 (ledge)	Felsic Flow- fine grained, grey, siliceous flow with >10% grey +/- blue quartz eyes, pods (>1cm) of quartz recrystallized	**3a**	No Sample			
19-Jun	AR/BB	Line 20E, 26+95N	518177E	5398914N	OC8	30x12x1	Felsic Flow- fine grained, grey, siliceous felsic flow with 2% quartz filled clasts or amygdules up to 1-1.5cm	**3a**	1482481	518177E/ 5398914N	Same as OC	No
19-Jun	AR/BB	Line 20E, 26+52N	518215E	5398830N	OC9	15x6x1	Felsic Flow- 4 small OC (<10m squared) in ridge same as OC8	**3a**	No Sample			
19-Jun	AR/BB	Line 20E, 26+25N	518220E	5398841N	OC10	25x10x1.5	Felsic Flow- fine grained, grey, siliceous felsic flow with 2% quartz filled clasts or amygdules up to 1-1.5cm	**3a**	No Sample			
20-Jun	AR/BB	Line 0+50E, 19+80N	517002E	5397195E	OC1	4x4x1.5	Felsic Flow- fine grained, black, felsic flow with 0.5% pyrite - pyrrhotite	**3a**	1482482	517002E/ 5397195N	Same as OC	Yes
20-Jun	AR/BB	Line 0E, 20+55N	516919E	5397234N	OC2	3x1x.5	Felsic Flow - fine grained, dark grey to black felsic flow with black chlorite and 5% grey quartz eyes, blocky and 5% biotite alteration	**3a**	1482483	516919E/ 5397234N	Same as OC	No
20-Jun	AR/BB	Line 0E, 21+00N	516890E	5397270N	OC3	90x40x5	Felsic Flow- fine grained, dark grey to black felsic flow with black chlorite and 5% grey quartz eyes and 5% biotite, fracture 1- 395o/80oS, fracture 2- 036o/vertical (possible jointing)	**3a**	No Sample			
20-Jun	AR/BB	Line 0E, 21+30N	516869E	5392875N	OC4	9x2x1	Felsic Flow- fine grained, black, chloritic (iron) felsic flow and 5% grey quartz eyes and 5% biotite alteration	**3a**	No Sample			
20-Jun	AR/BB	Line 0E, 21+75N	516844E	5397317N	OC5	50x50x3	Gabbro- medium grained, black, equigranular gabbro but non-magnetic, has >10% medium to coarse grained plagioclase and actinolite crystals	**7b**	1482484	516844E/ 5397317N	Same as OC	Yes
20-Jun	AR/BB	Line 0E, 22+00N	516838E	5397336N	OC5B	6x1.5x1	Gabbro- medium grained, black, equigranular gabbro but non-magnetic, has >10% medium to coarse grained plagioclase and actinolite crystals	**7b**	No Sample			
20-Jun	AR/BB	Line 0E, 22+10N	516835E	5397355N	OC5C	20x3x1	Gabbro- medium grained, black, equigranular gabbro but non-magnetic, has >10% medium to coarse grained plagioclase and actinolite crystals	**7b**	No Sample			
20-Jun	AR/BB	Line 0+35E, 22+30N	516845E	5397388N	OC6	4x3x2	Chert- fine grained, dark grey chert (or rhyolite), weak to moderate magnetic, possible magnetite (<2%)	**3c**	1482485	516845E/ 5397388N	Same as OC	Yes
20-Jun	AR/BB	Line 0+40E, 22+38N	516872E	5397474N	OC7	3x2x1.5	Gabbro- fine grained, black, magnetic gabbro, 180m south from Line 2E	**7a**	1482486	516872E/ 5397474N	Same as OC	No
20-Jun	AR/BB	Line 1+70E, 24+30N	516860E	5397655N	OC8	4x6x1.5	Felsic Flow- fine grained, dark grey, felsic flow with 5% grey quartz eyes	**3a**	1482487	516860E/ 5397655N	Same as OC	No
20-Jun	AR/BB	Line 1+40E, 23+90N	516847E	5399557N	OC9	2x3x1.5	Gabbro- medium grained, black gabbro with moderate to strong magnetics approximately >5% magnetite	**7b**	1482488	516847E/ 5397557N	Same as OC	Yes
20-Jun	AR/BB	Line 0+50E, 22+50N	516876E	5397492N	OC10	30x20x1	Andesite (to Dacite)- fine grained, dark grey with >10% grey quartz eyes and >10% biotite. There are several white to grey medium to granular, granite dikes (>1m)	**2b, 12a**	1482489	516876E/ 5397492N	Same as OC	No
20-Jun	AR/BB	Line 1+20W, 20+30N	516860E	53971812N	OC11	25x3x1	Felsic Flow- fine grained, dark grey, felsic flow with >5% grey quartz eyes and <5% biotite	**3b**				
23-Jun	AR/BB	Line 16E, 36+24N	517319E	5399438N	OC1	115x10x2	Hybrid Felsic Flow to Basalt Breccia with Orthoclase Porphyry Granite Dike- hybrid outcrop of metamorphosed felsic flow (to east) then basalt breccia with 20% orthoclase porphyry granite dike	**3b, 1c, 12a**	No Sample			
23-Jun	AR/BB	Line 16E, 35+75N	517351E	5399403N	OC2	30x12x.5	Metamorphosed Felsic Flow- fine to medium grained, grey to pink, banded felsic flow (siliceous) with weak to moderate metamorphic overprint	**3d**	No Sample			

23-Jun	AR/BB	Line 16E, 35+10N	517383E	5399355N	OC2B	6x1.5x.5	Metamorphosed Felsic Flow- similar to OC2, poorly exposed	**3d**	No Sample			
23-Jun	AR/BB	Line 16E, 33+05N	517499E	5399185N	OC3	8x5x.3	Felsic Flow- fine grained, grey to tan, siliceous, felsic flow with weak plagioclase layering (metamorphic ?) and 5% mafic (hornblende) and 2% sericite, no sulphides	**3a**	1482490	517504E/ 5399186N	Same as OC	Yes
23-Jun	AR/BB	Line 16E, 31+82N	517564E	5399091N	OC4	80x15x2	Andesite/Felsic Flow Contact- (East End Andesite) fine grained, black, biotitic >20% altered andesite and 1-3% grey quartz eyes, contact at 015o	**2b, 3b**	1482492	517564E/ 5399091N	Same as OC	No
23-Jun	AR/BB	Line 16E, 31+82N	517513E	5399023N	OC4B	80x15x2	Andesite/Felsic Flow Contact- (West End Altered Felsic Flow) medium grained, white/bleached, sericite (>5%), altered felsic flow, possible small shear <1 metre	**3b**	1482491	517513E/ 5399023N	Same as OC	Yes
23-Jun	AR/BB	Line 16 + 10E, 31+70N	517586E	5399087N	OC5	>30x3x1	Felsic Flow- fine grained, grey, massive, siliceous, felsic flow with 2% mafics (hornblende)	**3a**	No Sample			
23-Jun	AR/BB	Line 16 + 25E, 31+53N	517604E	5399077N	OC6	6x2.5x1	Pegmatite Gabbro- coarse grained (1cm), spotted gabbro with >45% hornblende, +/- biotite, >45% plagioclase, up to 5% magnetite, moderately magnetic, trace - 1% sulphides (pyrite +/- chalcopyrite)	**7d**	1482493	517604E/ 5399077N	Same as OC	Yes
23-Jun	AR/BB	Line 16 +25E, 31+40N	517613E	5399068N	OC6B	15x8x1	Fine Grained Gabbro- fine to medium grained, melanogabbro with moderate magnetite (3-5% magnetite), trace pyrite	**7a**	1482494	517613E/ 5399068N	Same as OC	Yes
23-Jun	AR/BB	Line 16+20E, 31+10N	517620E	5399042N	OC6C	3x1x.5	Fine Grained Gabbro (Altered ?)- fine grained, black, magnetic gabbro with 5% red quartz veins and 2% pyrite to pyrrhotite, >3% magnetite	**7a**	No Sample			
23-Jun	AR/BB	Line 16E, 30+75	517641E	5399005N	OC6D	10x6x.1	Gabbro (to Diorite)- fine to medium grained, dark grey, gabbro (or diorite), non-magnetic with 1-2% blue quartz eyes	**7b**	1482495	517641E/ 5399005N	Same as OC	No
23-Jun	AR/BB	Line 16E, 30+35N	517655E	5398976N	OC7	80x10x2	Felsic Flow- fine grained, grey massive, siliceous felsic flow with concoidal fracture and trace pyrite, weak fracture at 042o/vertical	**3a**	No Sample			
23-Jun	AR/BB	Line 16E, 30+20N	517663E	5398965N	OC7B	6x4x.2	Felsic Flow- fine to medium grained, grey to grey-pink, massive felsic flow (not metamorphic) with possible flow banding at 046o/80oN, weak fractures parallel at 044o/vertical	**3a**	No Sample			
23-Jun	AR/BB	Line 16E, 30+10N	517664E	5398944N	OC7C	4x2.5x.5	Felsic Flow- same as OC7B, fine grained, grey to grey-pink, massive felsic flow with possible flow bonding at 044o/vertical	**3a**	No Sample			
23-Jun	AR/BB	Line 16E, 29+90N	517674E	5398924N	OC8	125x50x2	Py-Cpy brg Andesite - fine grained, dark grey, altered andesite / dacite, 10% biotite, 5% grey quartz eyes, >2% pyrrhotite-pyrite	**2b**	1482496	517563E/ 5398912N	Similar to outcrop but up to 4-5% pyrite to pyrrhotite	Yes
23-Jun	AR/BB	Line 16E, 29+70N	517689E	5398926N	OC9	50x12x.5	Felsic Flow- fine grained, light grey, massive felsic flow, 10% grey quartz eyes and sugary, (recrystallized ?)	**3a**	No Sample			
23-Jun	AR/BB	Line 16E, 29+12N	517798E	5398877N	OC10	45x20x1.5	Felsic Flow- fine to medium grained, felsic flow, massive and concoidal fracture, weak fracture at 062o/vertical	**3a**	No Sample			
23-Jun	AR/BB	Line 16E, 28+72N	517755E	5398834N	OC11	4x3x.1	Felsic Flow- fine grained, grey to grey-pink, massive felsic flow, very flat and poorly exposed	**3a**	No Sample			
23-Jun	AR/BB	Line 16E, 28+00N	517794E	5398776N	OC12	25x8x1.5	Altered Andesite- fine grained, grey, andesite with 10% biotite, sericite, trace pyrite	**2b**	1482497	517794E/ 5398776N	Same as OC	Yes
23-Jun	AR/BB	Line 16E, 27+00N	517847E	5398694N	OC13	60x20x2	Andesite- a series of small outcrops (<10cm) within a larger ridge, fine grained, dark grey, andesite, 5% biotite, 5% grey quartz eyes	**2a**	No Sample			
23-Jun	AR/BB	Line 16E, 26+80N	517854E	5398676N	OC14	35x4x2 (ledge)	Felsic Flow- fine to medium grained, black, iron-chlorite, felsic flow with >10% blue and grey quartz eyes and <5% biotite	**3a**	No Sample			
23-Jun	AR/BB	Line 16E, 26+55N	517886E	5398669N	OC14B	6x2x1 (ledge)	Felsic Flow- possibly same outcrop as OC14, fine grained, dark grey, iron-chlorite, large outcrop of felsic flow with >10% grey quartz eyes and <5% biotite	**3a**	No Sample			
23-Jun	AR/BB	Line 16E, 25+75N	517916E	5398594N	OC15	170x130x5	Felsic Flow- large ridge of fine to medium grained, grey to dark grey, felsic flow with >10% grey quartz eyes, 5% biotite, fracture 1 at 060o/80oS, fracture 2 at 330o/vertical	**3a**	No Sample			
23-Jun	AR/BB	Line 16E, 24+50N	518007E	5398460N	OC16	6x2x.6	Felsic Flow- fine to medium grained, dark grey, felsic flow with >10% grey quartz eyes	**3a**	No Sample			
23-Jun	AR/BB	Line 16E, 24+12N	518042E	5398450N	OC16B	2x2x1	Felsic Flow- fine to medium grained, dark grey, felsic flow with >10% grey quartz eyes	**3a**	No Sample			
23-Jun	AR/BB	Line 16E, 24+00N	518042E	5398438N	OC16C	4x1x1	Felsic Flow- fine to medium grained, dark grey, felsic flow with >10% grey quartz eyes	**3a**	No Sample			
23-Jun	AR/BB	Line 18E, 25+90N	518033E	5398787N	OC17	12x3x1	Felsic Flow- fine grained, grey, siliceous, felsic flow with 5-10% grey quartz eyes	**3a**	No Sample			
23-Jun	AR/BB	Line 18E, 27+10N	518028E	5398795N	OC17B	3x3x.1	Felsic Flow- fine grained, grey, siliceous, felsic flow with 5-10% grey quartz eyes	**3a**	No Sample			
23-Jun	AR/BB	Line 18E, 27+40N	517001E	5398822N	OC18	25x10x1.5 (ridge)	Felsic Flow- fine grained, grey, siliceous, felsic flow with 5-10%, dark rhyolite with >5% blue quartz eyes trace pyrite	**3a**	No Sample			
23-Jun	AR/BB	Line 18E, 27+75N	517980E	5398850N	OC19	40x15x1.5	Felsic Flow and Pyrite- fine grained, dark grey, massive felsic flow with trace-1% pyrite	**3a**	1482498	517980E/ 5398850N	Same as OC	Yes
23-Jun	AR/BB	Line 18E, 28+05N	517951E	5398882N	OC20	40x12x1	Felsic Flow-fine grained, dark grey to black, iron bearing chlorite, felsic flow with >5% blue quartz eyes (medium grained) and no sulphides	**3a**	No Sample			
23-Jun	AR/BB	Line 18E, 29+60N	517879E	5399000N	OC21	10x4x.5	Felsic Flow-medium grained, grey massive, felsic flow, concoidal fracture and 5-10% grey quartz eyes	**3a**	No Sample			
23-Jun	AR/BB	Line 18E, 30+35N	517836E	5399064N	OC22	70x18x1	Felsic Flow-fine grained, grey, massive, felsic flow, <5% mafics (hornblende-biotite) concoidal fracture	**3a**	No Sample			
23-Jun	AR/BB	Line 18E, 30+70N	517763E	5399133N	OC22B	55x15x1	Felsic Flow-fine grained, grey, massive, felsic flow, <5% mafics (hornblende-biotite) concoidal fracture	**3a**	No Sample			
23-Jun	AR/BB	Line 18E, 31+13N	517770E	5399115N	OC22C	40x9x.5	Felsic Flow-fine grained, grey, massive, felsic flow, <5% mafics (hornblende-biotite) concoidal fracture	**3a**	No Sample			
23-Jun	AR/BB	Line 17+70E, 32+40N	517698E	5399199N	OC23	40x1 (ledge)	Pegmatite Gabbro- coarse grained, spotted, gabbro with >1cm crystals of hornblende and plagioclase (>95%), 3% magnetic and trace pyrite	**7d**	1482499	517693E/ 5399199N	Same as OC	Yes

24-Jun	AR/BB	Line 19+90E, 35+40N	517688E	5399602N	OC1	10x6x.2	Metamorphic Felsic Flow/Felsic Gneiss- fine grained, grey, siliceous flow (rhyolite) with mineral banding at 360o due to metamorphism (not flow banding)	**3d**	No Sample			
24-Jun	AR/BB	Line 20E, 36+13N	517652E	5399668N	OC2	6x1.5x.3	Metamorphic Felsic Flow/Felsic Gneiss- fine to medium grained, pink, orthoclase banding due to metamorphism with stretched quartz-plagioclase, >5% mafics, banding (metamorphic mafic) at 338/80oE, parallel to weak fractures at same orientation	**3d**	1482500	517652E/ 5399668N	Same as OC	No
24-Jun	AR/BB	Line 20E, 36+40N	517625E	5399692N	OC3	22x18x1	Metamorphic Felsic Flow/Felsic Gneiss- very similar to OC2 but less defined banding at 024o, less metamorphic mafic, fine grained, light grey to pink, metamorphosed felsic flow but weak mineral lineations (orthoclase especially)	**3d**	No Sample			
24-Jun	AR/BB	Line 20E, 37+25N	517586E	5399755N	OC4	35x20x1	Metamorphic Felsic Flow/Felsic Gneiss- fine grained, grey, weak lineations and fractures at 360o/vertical of felsic flow, weak to moderate metamorphic overprint, felsic gneiss, several >.3 zones at 360o with 3-5% haematitic stains (mafic banded dike)	**3d**	No Sample			
24-Jun	AR/BB	Line 20E, 37+60N	517571E	5399790N	OC5	70x30x2	Metamorphic Felsic Flow/Felsic Gneiss- fine to medium grained, pink to grey, bands of orthoclase, felsic or mafics (rare), fracture 1 (early) at 060o/vertical, fracture 2 (later) at 360o/vertical, zones with both fractures have hem stains (up to 5%) but no sulphides NOTE: The above Gneissic Felsic Flows have low mafics (<5% approximately of hornblende-biotite), orthoclase banding common with sugary appearance (recrystallized). If mafics, they are very thin beds (<.5cm). Small rusty/ hematite zones up to .5 metre have no sulphides. Are they the results of mafic break down? Do NOT appear so or the iron was transported within the system. Fracturing is common at 360o/vertical and parallel to mineral lineation (especially orthoclase)	**3d**	No Sample Unit 3D			
24-Jun	AR/BB	Line 20E, 38+40N	517516E	5399842N	OC6	25x15x2	Basalt Breccia- fine grained, dark green, chloritic basalt clasts (.1-.4 metres) with 10-20% white granite dikes between, rare quartz veins (<2cm) at 275o/vertical	**1c, 12a**	No Sample			
24-Jun	AR/BB	Line 20E, 38+65N	517498E	5399856N	OC7	40x25x1	Basalt Breccia- same as OC6, this is rep sample with >20% granite dikes at 360o/060o, top 2-3 metres is gneissic dike (granite) with heavy feldspar (>80%) section, white quartz pods (.2cm)	**1c, 12a**	279501	517498E/ 5399856N	Same as OC	No
24-Jun	AR/BB	Line 20E, 39+10N	517476E	5399906N	OC8	3x1x.3	Basalt Breccia- Same as OC7 with 5% granite dikes in 95% basalt clasts, fracture 1 at 355o/vertical, fracture 2 at 060o/vertical	**1c**	No Sample			
24-Jun	AR/BB	Line 20E, 39+52N	517447N	5399944N	OC9	3x1x.5	Felsic Flow- fine grained, grey, massive felsic flow with 5-10% plagioclase, may or may not have weak metamorphic mafic overprint	**3a**	No Sample			
24-Jun	AR/BB	Line 20E, 39+73N	517417E	5399966N	OC10	4x3x.1	Felsic Flow- fine grained, dark grey, felsic flow with iron-chlorite, siliceous	**3a**	279503	517437E/ 5399966N	Same as OC	No
24-Jun	AR/BB	Line 20+80E, 39+50N	517521E	5399996N	OC11	15x2x.5 (subcrop)	Gabbro and 3% Pyrite- >90% gabbro fragments, 5-10% granite dikes, several <.5cm fractures at 060o infilled with pyrite (3-5%) gabbro parallel to claim line, part of ridge 35x30x1, weakly magnetic	**7b, 12a**	279502	517521E/ 5399996N	Same as OC	Yes
24-Jun	AR/BB	Line 21+10E, 39+25N	517567E	5399990N	OC12	20x12x1	Basalt Breccia/Felsic Flow- west half of outcrop is basalt breccia with 20-30% granite dikes, east half of outcrop is felsic flow (metamorphic mafic)	**1c, 12a**	No Sample			
24-Jun	AR/BB	Line 21+25E, 39+25N	517577E	5399980N	OC13	15x10x.3	Basalt Breccia- >80% basalt fragments (chlorite) with 20% granite dikes	**1c, 12a**	No Sample			
24-Jun	AR/BB	Line 22E, 38+50N	517651E	5399987N	OC14	25x5-10x1	Felsic Flow/Gneiss- fine to medium grained, banded (orthoclase or biotite or plagioclase or quartz) gneiss	**3d**	No Sample			
24-Jun	AR/BB	Line 22E, 38+25N	517690E	5399955N	OC15	4x1 ledge	Felsic Gneiss- same to OC14	**3d**	No Sample			
24-Jun	AR/BB	Line 22E, 38+10N	517699E	5399941N	OC16	35x20x1	Felsic Gneiss- similar to OC15, weak fracture at 030/vertical	**3d**	No Sample			
24-Jun	AR/BB	Line 22E, 37+80N	517706E	5399922N	OC16B	3x2x.2	Felsic Gneiss- similar to OC15, weak fracture at 030/vertical	**3d**	No Sample			
24-Jun	AR/BB	Line 22E, 38+28N	517752E	5399884N	OC17	40x25x1	Felsic Flow- fine to medium grained, grey, felsic flow, massive, fracture at 030o/vertical	**3a**	279504	517752E/ 5399884N	Same as OC	Yes
24-Jun	AR/BB	Line 22E, 38+00N	517770E	5399853N	OC18	11x5x1	Felsic Flow- fine to medium grained, grey, felsic flow, massive, fracture at 030o/vertical	**3a**	No Sample			
24-Jun	AR/BB	Line 22E, 36+75N	517778E	5399829N	OC19	50x15x3	Felsic Gneiss- fine grained, bands at 360o (especially orthoclase) but sections of pristine felsic flow, fractures at 360o/vertical, fracture (early) at 030o/vertical, fracture at 310o/vertical	**3d, 3a**	No Sample			
24-Jun	AR/BB	21+85E, 36+90N	517788E	5399832N	OC19B	15x5x1	Felsic Gneiss- fine grained, bands at 360o (especially orthoclase) but sections of pristine felsic flow, fractures at 360o/vertical, fracture (early) at 030o/vertical, fracture at 310o/vertical	**3d**	No Sample			
24-Jun	AR/BB	21+70E, 36+90N	517795E	5399835E	OC19C	21x10x2	Felsic Gneiss- fine grained, bands at 360o (especially orthoclase) but sections of pristine felsic flow, fractures at 360o/vertical, fracture (early) at 030o/vertical, fracture at 310o/vertical	**3d**	No Sample			
24-Jun	AR/BB	22+15E, 36+80N	517815E	5399835N	OC19D	30x12x2	Felsic Gneiss- fine grained, bands at 360o (especially orthoclase) but sections of pristine felsic flow, fractures at 360o/vertical, fracture (early) at 030o/vertical, fracture at 310o/vertical	**3d**	No Sample			
24-Jun	AR/BB	Line 22E, 36+18N	517805E	5399759N	OC20	2x2x1	Felsic Gneiss- fine to medium grained, grey, banded, metamorphic mafic/felsic flow with 360o mineral lineations/gneissocity, three small outcrops (4-6 metres squared) in ridge approximately 20x15x1 but heavy regeneration	**3d**	No Sample			
24-Jun	AR/BB	Line 22E, 35+90N	517829E	5399764N	OC21	6x3x1	Basalt +/- Pyrite-Pyrrhotite- fine grained, dark grey, massive basalt with 2-3% pyrite-pyrrhotite, fracture 1 (early) 060o/vertical, fracture 2 (late) 360o/vertical	**1a**	279508	517827E/ 5399746N	Same as OC	Yes
24-Jun	AR/BB	Line 22E, 35+75N	517835E	5399763N	OC22	12x5x1	Felsic Gneiss Flow- fine grained, grey, felsic flow (concoidal fracture) with weak metamorphic mafic overprint, fracture at 360o	**3d**	No Sample			
24-Jun	AR/BB	Line 22E, 35+55N	517841E	5399754N	OC23	4x2x1 (boulder ?)	Basalt and 3% Pyrite- fine grained, grey, massive basalt, >3% pyrite, moderate fracture at 062o/vertical, 2-3% red quartz vein 1-2cm with variable direction	**1a**	279509	517841E/ 5399754N	Same as OC	Yes
24-Jun	AR/BB	Line 24+05E, 35+40N	517860E	5399729N	OC24	12x4x.3	Felsic Flow- fine grained, grey, massive felsic flow, fracture 1 at 060o/vertical, fracture 2 at 360o/vertical, little to no gneissocity	**3a**	No Sample			

24-Jun	AR/BB	Line 24+10E, 35+25N	517876E	5399715N	OC25	6x3x1	Felsic Flow- fine grained, grey, massive felsic flow, fracture 1 at 060o/vertical, fracture 2 at 360o/vertical, little to no gneissocity, fractures at 060o and 360o	**3a**	No Sample			
24-Jun	AR/BB	Line 24+25E, 35+25N	517888E	5399720N	OC25B	18x5x1	Felsic Flow- fine grained, grey, massive felsic flow, fracture 1 at 060o/vertical, fracture 2 at 360o/vertical, little to no gneissocity, fractures at 060o and 360o	**3a**	No Sample			
24-Jun	AR/BB	Line 21+75E, 35+25N	517850E	5399698N	OC26	25x15x2	Felsic Flow- fine grained, grey, massive felsic flow	**3a**	No Sample			
24-Jun	AR/BB	Line 22E, 33+45N	517918E	5399650N	OC27	30x12x2	Felsic Flow- fine grained, massive felsic flow	**3a**	No Sample			
24-Jun	AR/BB	Line 22E, 32+81N	518033E	5399516N	OC28	15x4x1.5	Felsic Flow- fine grained, grey, massive felsic flow (see oc 1 - aug 15)	**3a**	See Sample 279806			
24-Jun	AR/BB	Line 22E, 32+81N	518033E	5399516N	OC28	15x4x1.5	Sheared Felsic Flow- fine grained, grey, sheared massive felsic flow with 1-2% Py +/- Sph (see oc 1 - aug 15)	**3b**	See Sample 279807			
24-Jun	AR/BB	Line 22E, 32+75N	518013E	5399505N	OC29	1x1x1.5	Medium Grained Gabbro- medium grained, black, gabbro, non magnetic but 1-2% magnetite	**7b,**	279510	518013E/ 5399505N	Same as OC	Yes
24-Jun	AR/BB	Line 22E, 32+50N	518010E	5399491N	OC30	5x2x1	Coarse Gabbro- coarse grained, spotted, gabbro, magnetic, >1% pyrrhotite (see oc 3- aug 15)	**7c**	279511, 279808	518010E/ 5399491N	Same as OC	Yes
24-Jun	AR/BB	Line 22E, 32+40N	518023E	5399486N	OC31	3x2x1	Coarse Gabbro- Similar to OC30	**7c**	279505	518026E/ 5399504N	Same as OC	Yes
24-Jun	AR/BB	Line 22E, 32+45N	518026E	5399504N	OC32	3x4x1	Pegmatite Gabbro- Coarse grained to pegmatite (>1cm) crystals of plagioclase, hornblende and fine grained magnetite (>5%) approximately magnetic with trace pyrrhotite	**7c, 7d**	279506	518025E/ 5399502N	Same as OC	Yes
25-Jun	AR/BB								279507		VOID	
25-Jun	AR/BB	Line 24+45E, 10+60N	518330E	5399462N	OC1	8x5x1	Felsic Flow- fine grained, grey, buff weathering, felsic flow, weak fracture at 028o/vertical, possible flow banding	**3a**	No Sample			
25-Jun	AR/BB	Line 23+15E, 31+20N	518200E	5399458N	OC2	25x15x2	Felsic Flow- fine grained, dark grey, massive, felsic flow, concoidal fracture, moderate fracture at 052o/80oS	**3a**	No Sample			
25-Jun	AR/BB	Line 24+12E, 31+17N	518261E	5399511N	OC3	3x2x.5	Felsic Flow- fine grained, dark grey, massive, felsic flow, concoidal fracture, fracture at 048o/vertical	**3a**	No Sample			
25-Jun	AR/BB	Line 24E, 31+55N	518234E	5399536N	OC4	25x20x4	Basalt (south)- fine grained, grey, massive basalt with trace pyrite, strong cleavage at 052o/vertical	**1a**	279512	518234E/ 5399536N	Same as OC	Yes
25-Jun	AR/BB	Line 24E, 31+67N	518232E	5399550N	OC5	25x10x4	Gabbro (north)- fine to medium grained, gabbro (melano) with >30% plagioclase, non magnetic and no sulphides, fracture at 320o/vertical	**7b**	279513	518232E/ 5399550N	Same as OC	No
25-Jun	AR/BB	Line 24E, 32+25N	518190E	5399582N	OC6	25x10x1	Gabbro- fine to medium grained, black, magnetic (>3% magnetite) gabbro with 1% pyrrhotite	**7b**	279514	518190E/ 5399582N	Same as OC	Yes
25-Jun	AR/BB	Line 24E, 32+45N	518192E	5399589N	OC6B	4x2x.2	Medium Grained Gabbro-similar to OC6, medium grained, black, massive magnetite with trace pyrrhotite-pyrite	**7b**	No Sample			
25-Jun	AR/BB	Line 24E, 32+70N	518165E	5399624N	OC7	4x6x.5	Felsic Flow - medium grained, dark grey, felsic flow with >20% chlorite-biotite and >5% blue and grey quartz eyes, weak to moderate magnetic (1-3% magnetite)	**3b**	No Sample			
25-Jun	AR/BB	Line 23+85E, 32+70N	518157E	5399621N	OC7B	20x6x.5	Felsic Flow - medium grained, dark grey, felsic flow with >20% chlorite-biotite and >5% blue and grey quartz eyes, weak to moderate magnetic (1-3% magnetite)	**3b**	279515	518157E/ 5399621N	Same as OC	No
25-Jun	AR/BB	Line 24E, 33+35N	518120E	5399702N	OC8	3x1 (ledge)	Felsic Flow- fine grained, light grey, massive siliceous felsic flow with concoidal fracture, no sulphides	**3a**	No Sample			
25-Jun	AR/BB	Line 24E, 33+58N	518114E	5399702N	OC9	12x20x1.5	Felsic Flow- fine grained, light grey, massive siliceous felsic flow with concoidal fractures	**3a**	279516	518114E/ 5399702N	Same as OC	No
25-Jun	AR/BB	Line 24e, 33+70N	518101E	5399698N	OC9B	18x12x2	Felsic Flow- fine grained, light grey, massive siliceous felsic flow with concoidal fractures	**3a**	No Sample			
25-Jun	AR/BB	Line 23+90E, 34+00N	518084E	5399724N	OC9C	20x4x2 (ledge)	Felsic Flow- fine grained, light grey, massive, siliceous (to cherty) felsic flow, rare trace pyrite-pyrrhotite, this 2 metre ridge and outcrop continues for east >60 metres	**3a**	No Sample			
25-Jun	AR/BB	Line 24E, 35+50N	518010E	5399870N	OC10	20x25x1 (2 ridges)	Felsic Gneiss- fine to medium grained, grey to pink, felsic unit with orthoclase and mafic bands at 004o	**3d**	No Sample			
25-Jun	AR/BB	Line 24E, 35+80N	517983E	5399885N	OC11	8x2x1	Felsic Gneiss-fine grained, grey, foliated/banded felsic gneiss at 008o,fine to medium grained, grey to pink, felsic unit with orthoclase and mafic bands at 004o	**3d**	No Sample			
25-Jun	AR/BB	Line 24E, 36+25N	517961E	5399919N	OC12	50x12x3	Felsic Gneiss- fine grained, grey, foliated/banded felsic gneiss with fractures at 060o/80oN, weak banding/metamorphic mafic	**3d**	No Sample			
25-Jun	AR/BB	Line 24E, 36+55N	517941E	5399956N	OC13	4x2x1	Felsic Gneiss- fine grained, grey, massive, 3% crystallized euhradal biotite=metamorphic mafic	**3d**	No Sample			
25-Jun	AR/BB	Line 24E, 36+65N	517938E	5399958N	OC14	25x12x2	Felsic Gneiss- fine grained, weakly banded at 060o/vertical but several orthoclase pods (gneissocity)	**3d**	279517	517938E/ 5399958N	Same as OC	Yes
25-Jun	AR/BB	Line 26E, 29+53N	518515E	5399477N	OC15	6x4x.1	Basalt and Pyrite- fine grained, grey, massive basalt with 2% pyrite, fracture at 052o/vertical	**1a**	279518	518515E/ 5399477N	Same as OC	Yes
25-Jun	AR/BB	Line 26E, 29+80N	518518E	5399486N	OC16	30x12x.5	Gabbro and Felsic Flow- finest 7x10 metres is fine to medium grained, black magnetic gabbro with no sulphides, last 23x10 metres is fine grained, grey, felsic flows	**7a, 3a**	No Sample			
25-Jun	AR/BB	Line 26E, 29+88N	518479E	5399497N	OC17	35x5x.3	Magnetic Felsic Flow- fine grained, grey, massive felsic flow, concoidal fracture, weak to moderate magnetic (assimilated gabbro ?), sampled 18m west of line	**3a**	279519	518479E/ 5399497N	Same as OC	Yes
25-Jun	AR/BB	Line 26E, 30+10N	518499E	5399530N	OC18	60x15x1	Felsic Flow- fine grained, grey, massive felsic flow, weak fracture at 062o/vertical	**3a**	No Sample			
25-Jun	AR/BB	Line 26E, 30+60N	518452E	5399563N	OC19	3x7 ledge	Felsic Flow- fine grained, grey, massive felsic flow, weak fracture at 062o/vertical	**3a**	No Sample			

25-Jun	AR/BB	Line 26E, 30+80N	518450E	5399575N	OC19B	50x20x2	Felsic Flow- fine grained, grey, massive felsic flow, fracture at 048o/vertical	**3a**	No Sample			
25-Jun	AR/BB	Line 26E, 31+13N	518423E	5399608N	OC20	75x40x3	Felsic Flow- fine grained, grey, massive felsic flow, weak fracture at 050o/vertical, up to 5% grey quartz eyes, later (lesser) fracturing at 000o/vertical	**3a**	No Sample			
25-Jun	AR/BB	Line 26E, 31+65N	518399E	5399644N	OC21	40x12x1	Felsic Flow- fine grained, grey, massive, siliceous felsic flow, block, fracture 1 at 052o/vertical, fracture 2 at 342o/vertical	**3a**	No Sample			
25-Jun	AR/BB	Line 26E, 32+10N	518373E	5399686N	OC22	>60x30x1.5	Gabbro- fine to medium grained, dark grey to black gabbro (non magnetic) with trace pyrite	**7b**	279520	518373E/ 5399686N	Same as OC	Yes
25-Jun	AR/BB	Line 26E, 32+25N	518376E	5399688N	OC22B	30x10x2	Siliceous Gabbro- similar to 279520 but 30-50% silica overprinting, >3% epidote and trace-1% pyrite-pyrrhotite, approximately 1 metre of bleaching	**7e**	279521	518376E/ 5399688N	Same as OC	Yes
25-Jun	AR/BB	Line 26E, 32+45N	518351E	5399763N	OC22C	35x12x1	Gabbro (magnetic)-similar to OC22, medium grained, black gabbro but with weak to moderate magnetics (>3% magnetite) and no sulphides	**7b**	No Sample			
25-Jun	AR/BB	Line 26E, 33+02N	518317E	5399763N	OC23	8x6x.5	Gabbro (coarse)- coarse grained, dark grey to black, gabbro, very magnetic (>5% magnetite), trace-1% pyrrhotite-pyrite, 20% plagioclase, >70% pyroxene-hornblende	**7c**	279522	518317E/ 5399763N	Same as OC	Yes
25-Jun	AR/BB	Line 26E, 33+52N	518269E	5399815N	OC24	20x2x.2	Coarse Gabbro- medium to coarse grained, grey to black, gabbro, non magnetic	**7c**	No Sample			
25-Jun	AR/BB	Line 26E, 35+00N	518212E	5399920N	OC25	3x4x1	Felsic Flow- fine grained, grey, massive, felsic flow, weak fracture at 060o	**3a**	No Sample			
25-Jun	AR/BB	Line 15+75E, 24+00N	517974E	5398440N	OC16D	6x3x1	Felsic Flow- fine grained, grey, felsic flow with 5% blue quartz eyes, 1-2% pyrrhotite	**3a**	279523	517974E/ 5398440N	Same as OC	No
25-Jun	AR/BB	Line 39+60E, 17+75N	520228E	5399795N	Thompson Trail - 100m W of Tr2	Representative Sample	Carbonate Altered Basalt - >30% chlorite-ankerite altered basalt with >1% pyrite.	**1b**	279524	520228E/ 5399795N	Same as OC	Yes
26-Jun	AR/BB	Line 30E, 36+75N	518864E	5399465N	OC1	70x25x3	Felsic Flow- fine grained, dark grey, massive to blocky, felsic flow with >5% blue and grey quartz eyes, joint1 at 350o/80oE, joint 2 at 050o/vertical (primary fracture?), joint 3 is subhorizontal	**3a**	No Sample			
26-Jun	AR/BB	Line 30E, 27+20N	518864E	5399472N	OC2	50x4x.5	Felsic Flow- similar to OC1 but poor exposure, no fractures/joint, 5% blue and grey quartz eyes but no sulphides	**3a**	No Sample			
26-Jun	AR/BB	Line 30+20E, 27+60N	518980E	5399557N	OC2B	6x5x.3	Felsic Flow- fine grained, dark grey, massive to blocky, felsic flow with >5% blue and grey quartz eyes, joint1 at 350o/80oE, joint 2 at 050o/vertical (primary fracture?), joint 3 is subhorizontal	**3a**	No Sample			
26-Jun	AR/BB	Line 30, 40E, 27+65N	518989E	5399560N	OC2C	7x2x1 at 080o	Sheared Felsic Flow- medium-coarse grained, grey, shear felsic flow with >10% medium grained blue quartz eyes	**3b**	279525	518989E/ 5399560N	Same as OC	Yes
26-Jun	AR/BB	Line 30E, 27+82N	518960E	5399545N	OC2D	45x14x.5	Felsic Flow- same fine grained felsic flow as OC2B, primary fracture at 050o/vertical, fracture 2 at 360o/vertical	**3a**	No Sample			
26-Jun	AR/BB	Line 29+30E, 28+85N	518865E	5399608N	OC3	5x2x1	Felsic Flow- fine grained, dark grey, felsic flow with >10% blue and grey quartz eyes, 5-10% chlorite-biotite alteration	**3b**	No Sample			
26-Jun	AR/BB	Line 30E, 29+23N	518881E	5399658N	OC4	35x6x2	Felsic Flow-fine grained dark grey, felsic flow with >10% grey quartz eyes, fracture at 066o/vertical, 5-10% chlorite-biotite alteration	**3b**	No Sample			
26-Jun	AR/BB	Line 30E, 29+70N	518859E	5399695N	OC5	35x12x1.5	Felsic Flow- fine grained, dark grey, felsic flow with 10% plagioclase, 10% blue and grey quartz eyes, 5-10% chlorite-biotite alteration of matrix	**3b**	279526	518859E/ 5399695N	Same as OC	Yes
26-Jun	AR/BB				OC6		OC6 - not used					
26-Jun	AR/BB	Line 29+30E, 30+65N	518776E	5399705N	OC7	50x15x4	Felsic Flow- fine grained, dark grey, felsic flow, similar to OC5	**3a**	No Sample			
26-Jun	AR/BB	Line 30E, 32+80N	518726E	5399869N	OC8	10x3x1	Felsic Flow- fine grained, grey, massive felsic flow with siliceous/chert appearance, no sulphides and poorly exposed	**3a**	No Sample			
26-Jun	AR/BB	Line 30E, 32+95N	518723E	5399871N	OC8B	3x1 ledge	Felsic Flow- same as OC8 (part of OC8)	**3a**	No Sample			
26-Jun	AR/BB	Line 30E, 32+32N	518695E	5399909N	OC9	5x4x1	Felsic Flow- fine grained, grey, massive, siliceous/cherty felsic flow	**3a**	No Sample			
26-Jun	AR/BB	Line 30E, 32+90N	518672E	5399954N	OC10	12x3x.2	Felsic Flow- medium grained, grey, felsic flow with >3% biotite	**3a**	No Sample			
26-Jun	AR/BB	Line 30+08E, 33+55N	518645E	5400008N	OC11	30x15x3	Coarse Gabbro- 80% of outcrop is coarse grained (1cm) gabbro of hornblende-plagioclase but weak , no magnetics, 20% of outcrop (east) is fine grained, grey felsic flow trending 030o	**7c**	279527	518645E/ 5400008N	Same as OC	Yes
26-Jun	AR/BB	Line 30E, 33+90N	518611E	5400031N	OC12	80x x4	Gabbro Unit - east end- fine grained, black, melano gabbro with >5% magnetite (highly magnetic). Middle- medium grained, dark grey, gabbro with moderate-strong magnetics. West end- medium to coarse grained, spotted gabbro, moderate magnetics (>3% magnetite) gabbro contacts approximately 030o-040o	**7a, 7c, 7d**	279528	518569E/ 5400027N	Pegmatite Gabbro- coarse to pegmatitic gabbro (>1cm) of hornblende-plagioclase, 2% chalcopyrite, pyrite, 5% biotite	Yes
26-Jun	AR/BB	Line 29+85E, 34+25N	518594E	5400057N	OC12B	8x4x.3	Gabbro- fine to medium grained, dark grey to spotted gabbro, weakly to moderately magnetic (1-3% magnetite) and >2% grey quartz eyes	**7b**	No Sample			
26-Jun	AR/BB	Line 30E, 34+65N	518578E	5400096N	OC13	35x28x2	Felsic Flow- fine grained, massive, felsic flow, siliceous to cherty, weak fracture at 080o/vertical	**3a**	No Sample			
26-Jun	AR/BB	Line 30E, 35+18N	518552E	5400124N	OC13B	15x12x1	Felsic Flow- fine grained, massive, felsic flow, siliceous to cherty, weak fracture at 080o/vertical	**3a**	No Sample			
26-Jun	AR/BB	Line 30E, 35+65N	518528E	5400166N	OC14	6x1 (ledge)	Altered Andesite / Dacite- fine to medium grained, grey, altered andesite to dacite with >5% grey quartz eyes and >5% biotite alteration	**2b**	279529	518528E/ 5400166N	Same as OC	No
26-Jun	AR/BB	Line 30E, 36+25N	518491E	5400227N	OC15	60x30x2	Felsic Flow- fine grained, grey, felsic flow, siliceous with 10% grey quartz eyes	**3a**	No Sample			

26-Jun	AR/BB	Line 30E, 37+20N	518439E	5400295N	OC16	15x10x1	Felsic Flow- fine grained, grey, massive felsic flow, poorly exposed, weak fracture at 060o/vertical	**3a**	No Sample			
26-Jun	AR/BB	Line 28+10E, 34+55N	518440E	5399980N	OC17	10x6x1	Felsic Flow- fine grained, grey, massive, siliceous (to cherty) felsic flow, weak fracture at 058o/vertical	**3a**	No Sample			
26-Jun	AR/BB	Line 28E, 34+35N	518437E	5399955N	OC18	30x20x1	Fine Grained Gabbro- fine to medium grained, black, gabbro with >30% plagioclase (weathered face) and magnetic (3-5% magnetite)	**7b**	No Sample			
26-Jun	AR/BB	Line 28E, 34+08N	518438E	5399949N	OC19	6x3x.5	Fine Grained Gabbro- on north/south claim line, same as OC18	**7a**	No Sample			
26-Jun	AR/BB	Line 28E, 33+80N	518452E	5399911N	OC20	6x58x1	Fine Grained Gabbro- fine grained, dark grey, gabbro, moderate to strongly magnetic (>3% magnetite) and 2-3% pyrite-pyrrhotite	**7a**	279530	518452E/ 5399911N	Same as OC	Yes
26-Jun	AR/BB	Line 28E, 33+45N	518473E	5399887N	OC21	3x2x.1	Fine Grained Gabbro- same as OC20 but no sulphides, very weakly magnetic (<1% magnetite)	**7a**	No Sample			
26-Jun	AR/BB	Line 28E, 33+25N	518506E	5399881N	OC22	40x7x1	Fine Grained Gabbro- fine to medium grained, gabbro that is hornblende-plagioclase- biotite plus no magnetics or sulphides, moderate fracture at 040o/vertical	**7b**	279531	518506E/ 5399881N	Same as OC	Yes
26-Jun	AR/BB	Line 28E, 32+90N	518508E	5399839N	OC23	1x1.5x.2	Magnetic Gabbro- fine to medium grained, gabbro (black) that is magnetic, possible boulder (?).	**7b**	279532	518508E/ 5399839N	Same as OC	No
26-Jun	AR/BB	Line 28E, 32+75N	518510E	5399831N	OC24	60x15x1	Gabbro- fine to medium grained, dark grey , gabbro but non magnetic	**7b**	No Sample			
26-Jun	AR/BB	Line 28E, 32+45N	518537E	5399800N	OC25	80x70x4	Felsic Flow- fine grained, grey, massive felsic flow with >10% grey quartz eyes, weak fracture 1 at 060o/vertical, weak fracture 2 at 330o/vertical	**3a**	No Sample			
26-Jun	AR/BB	Line 28E, 31+50N	518582N	5399749N	OC25B	60x20x1	Felsic Flow- same as OC25, fine grained, grey, massive felsic flow, weak fracture at 050o/vertical (this could be weak flow bands at 050o?)	**3a**	No Sample			
26-Jun	AR/BB	Line 28E, 31+05N	518613E	5399697N	OC25C	30x25x1	Felsic Flow- same as OC25B, weak flow bands at 050o (parallel to fracture at 050o/vertical)	**3a**	No Sample			
26-Jun	AR/BB	Line 28E, 30+60N	518641E	5399649N	OC26	40x12x1	Felsic Flow- same as OC25, fine grained, grey, massive felsic flow with 5% plagioclase, 5% grey quartz eyes and <5% mafics	**3a**	No Sample			
26-Jun	AR/BB	Line 28E, 30+30N	518645E	5399643N	OC27	30x5x.3	Felsic Flow- fine grained, grey, massive, equigranular felsic flow, possible fine grained (diorite) dike.	**3a**	No Sample			
26-Jun	AR/BB	Line 28E, 30+00N	518664E	5399608E	OC28	15x5x1	Felsic Flow- fine grained, grey, massive, equigranular felsic flow, possible fine grained (diorite) dike.	**3a**	No Sample			
26-Jun	AR/BB	Line 28E, 29+65N	518682E	5399593N	OC29	30x20x4	Felsic Flow- same fine grained, grey, felsic flow, poorly exposed	**3a**	No Sample			
1-Jul	AR/BB	Line 44E, 11+00N	521054E	5399011N	OC1	25x25x2 at 030o	Andalusite Bearing Felsic Volcanic- coarse grained, pink andalusite (rosettes) with fine grained felsic matrix	**3b**	279533	521054E/ 5399011N	Same as OC	Yes
1-Jul	AR/BB	Line 44E, 10+85N	521077E	5398972N	OC2	20x3x1.5 at 030o	Felsic Flow- coarse grained, grey to pink, massive	**3a**	No Sample			
1-Jul	AR/BB	Line 44E, 10+20N	521061E	5398966N	OC3	25x5x2 at 30o	Felsic Flow- medium grained, black, felsic flow with 10% plagioclase crystals, no quartz eyes	**3a**	279534	521061E/ 5398966N	Same as OC	No
1-Jul	AR/BB	Line 43+60E, 10+80N	521026E	5398982N	OC4	6x2x1	Granite-very coarse grained, grey to pink, no visible veins and no sulphides	**12a**	No Sample			
1-Jul	AR/BB	Line 44+50E, 9+50N	521084E	5398920N	OC5	40x15x3	Felsic Flow- fine grained, black, felsic flow with 3-5% blue quartz eyes, no sulfides	**3a**	279535	521084E/ 5398920N	Same as OC	No
1-Jul	AR/BB	Line 43+25E, 8+70N	5211105E	5398802N	OC6	13x4x1.5	Altered Felsite- medium grained, light grey, (buff) felsic unit with siliceous/silica ground mass (>10%)	**12b**	279536	521105E/ 5398802N	Same as OC	Yes
1-Jul	AR/BB	Line 42+68E, 9+20N	521040E	5398792N	OC7	3x1x.5	Altered Gabbro- medium grained, green, gabbro with >20% alteration of matrix (actinolite-chlorite-riebeckite) and >3% magnetite and 2% quartz eyes and 1% pyrite	**7f**	279537	521040E/ 5398792N	Same as OC	Yes
1-Jul	AR/BB	Line 42+40E, 9+50N	521003E	5398795N	OC8	20x4x1.5 at 55o	Felsic Flow- fine to medium grained, grey, felsic flow	**3a**	279538	521003E/ 5398795N	Same as OC	No
1-Jul	AR/BB	Line 42E, 9+90N	520954E	5398799N	OC9	10x4x2	Felsic Breccia- coarse fragments (>1cm) of felsic clasts/granite/orthoclase-quartz with >30% matrix/cement	**3b**	279539	520954E/ 5398799N	Same as OC	Yes
1-Jul	AR/BB	Line 42E, 10+25N	520935E	5398805N	OC10	4x2x1	Sheared Felsic Flow- fine to medium grained, weakly sheared felsic volcanic/flow with <10% ankerite-chlorite alteration	**3b**	No Sample			
1-Jul	AR/BB	Line 42E, 10+50N	520921E	5398883N	OC11	20x5x2 at 040o	Quartz-Ankerite Felsic Volcanic- fine grained, altered felsic flow with >20% quartz +/- ankerite alteration, possible shear at 040o	**3b, QV**	279540	520921E/ 5398883N	Same as OC	Yes
1-Jul	AR/BB	Line 42E, 10+90N	520906E	5398906N	OC11B	6x3x1	Andalusite Altered Felsic Volcanic- fine grained, green matrix (chlorite) with 30-40% medium to coarse (.6cm) pyroblasts of andalusite or feldspar	**3b**	279541	520906E/ 5398906N	Same as OC	Yes
1-Jul	AR/BB	Line 42E, 13+65N	520798E	5399050N	OC12	80x5x2	White Quartz Vein in Chlorite-Ankerite Basalt- fine grained, green, chlorite basalt with >10% chlorite, 10% ankerite with 30% white quartz veins (up to 3cm) and trace pyrite	**1b, QV**	279542	520798E/ 5399050N	Same as OC	Yes
1-Jul	AR/BB	Line 43+15E, 13+95N	520925E	5399070N	OC13	6x5x1.5	Felsite Dike- medium grained, grey, felsite dike with 5% blue quartz eyes	**12b**	No Sample		Same as OC	
2-Jul	AR/BB	Line 32+90, 26+90N	519262E	5399609N	OC1	10x4x1 at 036o	Felsic Flow- fine grained, grey felsic flow with >5% sericite alteration, weak to moderate foliation at 036o/80o south	**3b**	No Sample			
2-Jul	AR/BB	Line 32E, 26+90N	519186E	5399587N	OC2	4x3x.3	Felsic Flow- fine grained, grey, massive felsic flow with 5% blue quartz eyes, weak fracture at 056o/vertical	**3a**	No Sample			
2-Jul	AR/BB	Line 32E, 27+50N	519140E	5399636N	OC3	35x10x1 at 060o	Felsic Gneiss- fine to medium grained, grey to pink, banded felsic unit (gneissic), some feldspar (plagioclase or orthoclase) augens lineation at 052o	**3d**	No Sample			

2-Jul	AR/BB	Line 32E, 27+20N	519124E	5399647N	OC3B	2x3x.5	Same as OC3	**3d**	No Sample				
2-Jul	AR/BB	Line 32E, 28+30N	519096E	5399699N	OC4	6x3x.5	Felsic Flow (to Gneiss)- poorly exposed, fine grained, grey, (crystallized?) felsic flow (to gneiss) with <2% mafic, blue quartz eyes so not metamorphic	**3d**	No Sample				
2-Jul	AR/BB	Line 32E, 29+75N	519025E	5399819N	OC5	60x30x5	Felsic Flow- fine grained, dark grey, massive, felsic flow with >10% blue and grey quartz eyes	**3a**	279543	519025E/ 5399819N	Same as OC	No	
2-Jul	AR/BB	Line 32E, 30+54N	518953E	5399891N	OC6	12x8x1	Felsic Flow- fine grained, grey, felsic flow with 5% blue quartz eyes	**3a**	No Sample				
2-Jul	AR/BB	Line 32E, 30+95N	518937E	5399902N	OC6B	1x1x.3 (boulder?)	Felsic Flow- fine grained, grey to pink, massive felsic flow with fractures at 064o/vertical, 074o/vertical	**3a**	No Sample				
2-Jul	AR/BB	Line 32E, 31+45N	518918E	5399954N	OC7	50x6x1	Felsic Flow- fine grained, dark grey, massive felsic flow with >5% grey quartz eyes and siliceous with concoidal fracture	**3a**	No Sample				
2-Jul	AR/BB	Line 32E, 31+90N	518891E	5399974N	OC7B	6x1.5 ledge	Felsic Flow- same as OC7, fine grained, grey, felsic flow and 5% grey quartz eyes	**3a**	No Sample				
2-Jul	AR/BB	Line 32E, 32+20N	518881E	5399994N	OC8	30x15x3	Felsic Flow- fine grained, dark grey to black, siliceous, felsic flow with concoidal fracture but lesser quartz eyes (1-2%)	**3a**	No Sample				
2-Jul	AR/BB	Line 31+90E, 31+65N	518843E	5400033N	OC9	80x15x6	Felsic Flow- fine grained, grey, massive felsic flow	**3a**	279544	518843E/ 5400033N	Same as OC	Yes	
2-Jul	AR/BB	Line 32E, 32+05N	518842E	5400058N	OC10	40x18x1.5	Gabbro (Non-Magnetic)- medium grained, black, equigranular gabbro but non magnetic (no magnetite)	**7b**	279546	518842E/ 5400058N	Same as OC	No	
2-Jul	AR/BB	Line 32E, 32+38N	518822E	5400088N	OC11	20x12x2x	Magnetic Gabbro- fine grained, black, gabbro that is moderately to strongly magnetic, 3-5% magnetite	**7a**	279545	518822E/ 5400088N	Same as OC	Yes	
2-Jul	AR/BB	Line 33+20E, 32+50N	518960E	5400080N	OC12	25x10x1	Felsic Flow (to Gneiss)- fine grained, grey, felsic flow to gneiss, poorly exposed	**3d**	No Sample				
2-Jul	AR/BB	Line 33+30E, 32+80N	518958E	5400122N	OC12B	18x22x1	Felsic Flow (to Gneiss)- fine grained, grey, massive, felsic unit with no quartz eyes, but rusting from mafic breakdown and felsic layering, fracture 1 at 060o/vertical, fracture 2 at 360o/vertical	**3d**	No Sample				
2-Jul	AR/BB	Line 33+55E, 32+50N	518981E	5400129N	OC13	30x35x2	Felsic Flow- fine grained, grey, massive felsic flow with concoidal fracture and grey quartz eyes (>5-10%)	**3a**	No Sample				
2-Jul	AR/BB	Line 34E, 32+50N	519047E	5400185N	OC14	30x45x2	Felsic Flow (to Gneiss)- fine grained, grey (to pink), felsic unit, massive with fractures at 060o/vertical, 360o/vertical, felsic bands with 3% calcite filled fracture (1%)	**3a**	No Sample				
2-Jul	AR/BB	Line 34 +40E, 32+40N	519090E	5400180N	OC15	30x15x1	Felsic Flow (to Gneiss)- fine grained, grey (to pink), felsic unit, massive with fractures at 060o/vertical, 360o/vertical, felsic bands with 3% calcite filled fracture (1%)	**3d**	No Sample				
2-Jul	AR/BB	Line 34E, 31+75N	519078E	5400072N	OC16	7x1 ledge	Felsic Gneiss- fine grained, grey, felsic unit with no quartz eyes and weak felsic bands (Metamorphic)	**3d**	No Sample				
2-Jul	AR/BB	Line 34E, 28+50N	519267E	5399812N	OC17	70x60x8	Felsic Flow or Gneiss and 1% Pyrite- fine grained, grey, felsic unit (probably felsic gneiss) with trac3e to 1% pyrite	**3d**	279547	519267E/ 5399812N	Same as OC	Yes	
2-Jul	AR/BB	Line 34E, 28+25N	519280E	5399794N	OC17B	See OC17	Siliceous Felsic Flow- fine grained, light grey, felsic gneiss with >80% quartz band or >50% silica alteration and 1% pyrite	**3d**	279548	519280E/ 5399794N	Same as OC	Yes	
2-Jul	AR/BB	Line 34E, 27+50N	519315E	5399743N	OC18	130x50x>10	Felsic Flow- fine to medium grained, grey, massive felsic flow with 5% blue quartz eyes and 2-3% calcite amygdules	**3a**	No Sample				
2-Jul	AR/BB	Line 34E, 36+95N	519346E	5399693N	OC19	20x3x.2	Felsic Flow- fine grained, dark grey to black, siliceous, felsic flow, no sulphides	**3a**	No Sample				
2-Jul	AR/BB	Line 34+08E, 26+75N	519359E	5399680N	OC19B	16x6x.6	Felsic Flow- fine grained, dark grey to black, siliceous, felsic flow, no sulphides	**3a**	No Sample				
2-Jul	AR/BB	Line 34E, 33+40N	519379E	5399648N	OC19C	4x10x1	Felsic Flow- fine grained, dark grey to black, siliceous, felsic flow, no sulphides	**3a**	No Sample				
2-Jul	AR/BB	Line 34E, 36+10N	519392N	5399624N	OC19D	4x2x.5	Felsic Flow- fine grained, dark grey to black, siliceous, felsic flow, no sulphides	**3a**	No Sample				
3-Jul	AR/BB	Line 36E, 24+50N	519650E	5399606N	OC1	8x1.5 ledge	Sheared Felsic Flow- fine grained, black, felsic flow that is sheared, >5% calcite alteration, shear at 034o/vertical, 203% quartz eyes	**3b**	279549	519650E/ 5399606N	Same as OC	Yes	
3-Jul	AR/BB	Line 36E, 25+12N	519610E	5399666N	OC2	150x35x4	Felsic Flow (Weak Alteration)- fine grained, dark grey to black, felsic flow, weak fracture at 036o/vertical, weak biotite >10%, weak calcite +/-5%	**3b**	No Sample				
3-Jul	AR/BB	Line 36E, 25+50N	519616E	5399722N	OC3	15x4x.5	Altered Felsic Flow- fine grained, grey, felsic flow with >20% ankerite-chlorite-biotite alteration	**3b**	279550	519616E/ 5399722N	Same as OC	Yes	
3-Jul	AR/BB	Line 36E, 26+00N	519559E	5399750N	OC4	12x10x.1	Felsic Flow- fine to medium grained, grey, felsic flow, massive with (1% quartz (<1cm at 038o/vertical) but no sulphides)	**3a**	No Sample				
3-Jul	AR/BB	Line 35E, 26+29N	519542E	5399769N	OC5	2x2x.1	Granite (Dike)- medium to coarse grained, pink to white granite with blue and grey quartz eyes, orthoclase, plagioclase and hornblende (<5%), no direction indicated	**12b**	279551	519542E/ 5399769N	Same as OC	No	
3-Jul	AR/BB	Line 36+90E, 26+29N	519686E	5399874N	OC5B	3x2x.1	Felsic Flow- fine grained, grey, felsic flow, massive but no quartz veins or sulphides; possible boulder	**3a**	No Sample				
3-Jul	AR/BB	Line 36E, 26+75N	519518E	5399803N	OC6	200x100x12	Felsic Flow- fine grained, grey to pink, massive felsic flow with 2-5% grey quartz eyes	**3a**	No Sample				
3-Jul	AR/BB	Line 36E, 28+00N	519447E	5399903N	OC7	30x6x2	Black Felsic Flow- fine grained, black, siliceous felsic flow with concoidal fracture, weak fracture at 048o/vertical	**3a**	No Sample				
3-Jul	AR/BB	Line 36E, 28+20N	519444E	5399906N	OC7B	45x12x2	Black Felsic Flow- fine grained, black, siliceous felsic flow with concoidal fracture, weak fracture at 048o/vertical	**3a**	No Sample				

3-Jul	AR/BB	Line 36E, 28+90N	519393E	5399970N	OC8	90x20x2.5	Altered Felsic Flow- 1% Pyrite-Pyrrhotite- fine grained, greenish-grey, altered felsic flow with >10% chlorite-sericite and >5% silica introductions and 1% pyrite-pyrrhotite, weak shearing at 052o/vertical	**3b**	279552	519393E/ 5399970N	Same as OC	Yes
3-Jul	AR/BB	Line 36E, 29+25N	519374E	5399994N	OC8B	20x5x.8	Felsic Flow- fine grained, black, siliceous felsic flow	**3a**	No Sample			
3-Jul	AR/BB	Line 36E, 29+50N	519358E	5400013N	OC8C	35x25x1	Felsic Flow- same as OC8B, buff weathered fracture at 064o/vertical	**3a**	No Sample			
3-Jul	AR/BB	Line 36E, 29+95N	519340E	5400051N	OC9	35x6x1	Felsic Flow- fine grained, dark grey, siliceous felsic flow, weathers buff, weak fracture at 044o/vertical	**3a**	No Sample			
3-Jul	AR/BB	Line 36E, 30+25N	519319E	5400028N	OC10	50x2 ledge	Felsic Flow- fine grained, dark grey, siliceous felsic flow, weathers buff, weak fracture at 044o/vertical, poor exposure but no good fractures	**3a**	No Sample			
3-Jul	AR/BB	Line 36E, 31+00N	519272E	5400182N	OC11	15x12x1	Weakly Altered Felsic Flow- fine grained, grey, siliceous felsic flow with >10% silica alteration and trace pyrite	**3b**	279553	519272E/ 5400182N	Same as OC	Yes
3-Jul	AR/BB	Line 36E, 31+25N	519267E	5400141N	OC12	25x13x1	Felsic Flow- fine grained, grey, massive felsic flow, weak fracture at 060o/vertical	**3a**	No Sample			
3-Jul	AR/BB	Line 36+10E, 31+50N	519253E	5400190N	OC13	30x22x1	Felsic Flow- fine grained, grey, felsic flow, with .5% pyrite, fractures have ankerite alterations but <3%	**3b**	279554	519253E/ 5400190N	Same as OC	Yes
3-Jul	AR/BB	Line 36+35E, 31+30N	519327E	5400219N	OC13B	25x20x1	Felsic Flow- fine grained, grey, felsic flow, with .5% pyrite, fractures have ankerite alterations but <3%	**3b**	No Sample			
3-Jul	AR/BB	Line 36+80E, 31+25N	519342E	5400224N	OC13C	30x12x1	Felsic Flow-fine grained, grey, felsic flow, with .5% pyrite, fractures have ankerite alterations but <3%, fracture at 040o/vertical	**3b**	No Sample			
3-Jul	AR/BB	Line 37+30E, 30+90N	519427E	5400245N	OC13D	110x50x4	Felsic Flow- fine grained, grey, massive, felsic flow	**3a**	No Sample			
3-Jul	AR/BB	Line 38E, 30+55N	519450E	5400223N	OC14	95x20x1.5	Felsic Flow- fine grained, dark grey matrix of feldspar-quartz with 5-10% blue quartz eyes (medium grained)	**3a**	No Sample			
3-Jul	AR/BB	Line 38E, 30+30N	519470E	5400206N	OC15	6x3x.5	Felsic Flow- fine grained, dark grey matrix of feldspar-quartz with 5-10% blue quartz eyes (medium grained)	**3a**	No Sample			
3-Jul	AR/BB	Line 37+90E, 30+10N	519550E	5400255N	OC16	20x10x1	Felsic Flow- fine grained, grey, equigranular (felsite), felsic flow	**3a**	No Sample			
3-Jul	AR/BB	Line 37+00E, 29+30N	519555E	5400170N	OC17	35x15x3	Felsic Flow- fine grained, grey, equigranular (felsite), felsic flow	**3a**	No Sample			
3-Jul	AR/BB	Line 38E, 29+00N	519555E	5400100N	OC18	25x20x1	Felsic Flow- fine grained, grey, massive felsic flow with several "sweets" of felsic flow, recrystallized veinlets at 060o/vertical, parallel weak fracture at 060o/vertical	**3a**	No Sample			
3-Jul	AR/BB	Line 38E, 28+70N	519562E	5400060N	OC18B	40x6x.3	Felsic Flow- fine grained, grey, massive felsic flow, fracture 1 at 060o/vertical, fracture 2 at 360o/vertical, trace pyrite	**3a**	279555	519562E/ 5400060N	Same as OC	No
3-Jul	AR/BB	Line 38E, 28+45N	519545E	5400022N	OC18C	35x3x1	Felsic Flow- fine grained, grey, massive felsic flow, fracture 1 at 060o/vertical, fracture 2 at 360o/vertical, no pyrite	**3a**	No Sample			
3-Jul	AR/BB	Line 38E, 28+15N	519614E	5400032N	OC19	35x20x1	Weakly Sheared Felsic Flow- fine grained, grey, massive felsic flow with very weak shearing at 050o/vertical	**3b**	No Sample			
3-Jul	AR/BB	Line 38E, 27+80N	519632E	5399998N	OC20	65x30x2	Felsic Flow-fine grained, grey, massive felsic flow with very weak shearing at 050o/vertical, intrude by 6-8" wide felsite dike at 044o/vertical, fracture 1 at 044o/vertical, fracture 2 at 350o/vertical	**3b, 12b**	No Sample			
3-Jul	AR/BB	Line 38E, 27+60N	519636E	53999981N	OC21	30x6x1	Fine Grained Gabbro (Dike)- fine grained, green, chlorite gabbro >20% chlorite +/- epidotes, fracture at 078o/vertical	**7f**	No Sample			
3-Jul	AR/BB	Line 37+90E, 27+50N	519670E	5399140N	OC22	80x25x2	Felsic Flow- fine grained, grey, massive felsic flow, no sulphides, small shears <1m with 10% biotite but less than 1% of outcrop	**3a, 3b**	No Sample			
3-Jul	AR/BB	Line 38E, 26+55N	519687E	5399892N	OC22B	6x3x1	Felsic Flow- fine grained, dark grey to black, felsic flow with >10% fine biotite alteration and >5% grey quartz eyes	**3b**	No Sample			
3-Jul	AR/BB	Line 38E, 26+35N	519698E	5399879N	OC23	4x2.5x1	Altered Felsic Flow- fine to medium grained, green, >20% chlorite-epidote altered matrix with 10-15% blue quartz eyes, sheared altered felsic flow at 050o/vertical	**3b**	279556	519698E/ 5399879N	Same as OC	Yes
3-Jul	AR/BB	Line 38E, 25+75N	519725E	5399845N	OC24	4x1.5x.1	Felsic Flow- fine grained, dark grey, weak shearing, felsic flow and trace pyrite, weak shear (?) at 050o/vertical	**3b**	No Sample			
3-Jul	AR/BB	Line 37+90E, 25+50N	519729E	5399810N	OC25	15x6x1	Altered Felsic Flow- fine grained, grey, weakly altered felsic flow with >5% ankerite-calcite and 1% pyrite	**3b**	279557	519729E/ 5399810N	Same as OC	Yes
3-Jul	AR/BB	Line 38E, 25+25N	519743E	5399817N	OC26	55x20x2	Felsic Flow- medium grained, black, felsic flow with >10% grey quartz eyes	**3a**	No Sample			
3-Jul	AR/BB	Line 38E, 24+90N	519779E	5399777N	OC27	8x1 ledge	Felsic Flow- fine grained, grey to dark grey, massive felsic flow	**3a**	No Sample			
3-Jul	AR/BB	Line 38E, 24+57N	519805E	5399730N	OC28	4x1 ledge	Altered Felsic Flow- fine grained, grey-green felsic flow with 5% grey quartz eyes and >5% vesicules infilled with calcite crystals	**3b**	279558			Yes
3-Jul	AR/BB	Line 38E, 22+60N	519919E	5399586N	OC29	90x22x3	Felsic Flow- fine to medium grained, grey, massive felsic flow, weak fracture at 050o/vertical	**3a**	No Sample			
3-Jul	AR/BB	Line 38E, 22+40N	519912E	5399575N	OC29B	90x22x3	Gabbro- bottom 4-5 metres of OC29, medium grained, black, massive, weakly magnetic (<2%)	**7b**	No Sample			
7-Jul	AR/BB	Line 41+80, 22+70N	520053E	5399694N	OC8A	65x20x1	Altered Felsic Flow and Pyrite- fine to medium grained, dark grey, felsic flow with 10% biotite +/- chlorite alteration, 5% grey quartz eyes and 2% pyrite, with sand and gravel cover	**3b**	279569	520053E/ 5399694N	Same as OC	Yes
7-Jul	AR/BB	Line 40E, 25+05N	519936E	5399899N	OC8B	30x12 ledge	Felsic Flow- fine to medium grained, dark grey to black, felsic flow with 2-5% blue quartz eyes but no sulphides or biotite alteration	**3a**	No Sample			

7-Jul	AR/BB	Line 40E, 25+28N	519920E	5399917N	OC8C	40x5-10x1.5	Felsic Flow- same as OC8B, fine to medium grained, black, felsic flow with 5% blue quartz eyes, weak fracture at 054o/vertical	**3a**	No Sample			
7-Jul	AR/BB	Line 40E, 25+85N	519895E	5399953N	OC8D	35x8x2	Felsic Flow- fine to medium grained, black, felsic flow with 10% grey quartz eyes, no sulphides, weak fracture at 030o/80oN	**3a**	No Sample			
7-Jul	AR/BB	Line 40E, 25+97N	519891E	5399711N	OC8E	12x5x1	Altered Felsic Flow- fine grained, black, felsic unit (+iron-chlorite) with 3-5% red stained stringers/fractures; either hematite or oxidized sphalerite ???	**3b**	279570	519891E/ 5399711N	Same as OC	Yes
7-Jul	AR/BB	Line 40E, 27+05N	519829E	5400059N	OC8F	40x9x2	Felsic Flow- fine to medium grained, grey to dark grey, felsic flow with 10% plagioclase crystals and 10% blue and grey quartz eyes, weak fracture at 040o/vertical	**3a**	No Sample			
7-Jul	AR/BB	Line 40E, 27+18N	519798E	5400068N	OC8G	5x3x.1	Felsic Flow- same as OC8F	**3a**	No Sample			
7-Jul	AR/BB	Line 40E, 27+40N	519798E	5400080N	OC8H	25x10x1	Felsic Flow- fine grained, grey, massive, felsic flow with >5% blue and grey quartz eyes, no sulphides, poorly exposed but no good fractures	**3a**	No Sample			
7-Jul	AR/BB	Line 40E, 27+75N	519791E	5400093N	OC8I	35x20x.5	Felsic Flow- fine to medium grained, grey, massive, felsic flow with 5% blue and grey quartz eyes	**3a**	No Sample			
7-Jul	AR/BB	Line 40E, 27+87N	519764E	5400146N	OC8J	12x6x1	Felsic Flow- fine grained, dark grey, felsic flow with 5% grey and blue quartz eyes and >1% rusty zones (<3cm) approximately pyrite or pyrrhotite?	**3b**	279571	519764E/ 5400146N	Same as OC	Yes
7-Jul	AR/BB	Line 40E, 28+40N	519743E	5400166N	OC8K	55x30x2	Felsic Flow-same as OC8J but no rusty zone, fine grained, dark grey, felsic flow and 5% grey and blue quartz eyes	**3a**	No Sample			
7-Jul	AR/BB	Line 40E, 29+00N	519708E	5400219N	OC8L	40x22x2.5	Felsic Flow- fine to medium grained, massive, felsic flow, grey to dark grey, weak fracture at 040o/vertical	**3a**	No Sample			
7-Jul	AR/BB	Line 39+90E, 29+60N	519654E	5400280N	OC8M	25x10x2	Felsic Flow- fine grained, massive, felsic flow with 10% medium grained blue quartz eyes, weak fracture at 062o/vertical	**3a**	No Sample			
7-Jul	AR/BB	Line 39+90E, 29+90N	519630E	5400307N	OC8N	55x20x1.5	Felsic Flow- same as OC8M, fracture 1 at 066o/vertical (strong), fracture 2 at 038o/vertical (later and moderate)	**3a**	No Sample			
7-Jul	AR/BB	Line 40E, 30+40N	519618E	5400332N	OC8O	12x1 ledge	Felsic Flow- fine grained, black, felsic flow with 5-10% blue and grey quartz eyes	**3a**	No Sample			
7-Jul	AR/BB	Line 40E, 31+40N	519562E	5400424N	OC8Q	12x10x.5	Felsic Flow- same as OC8O, rare .5-1cm white quartz vein parallel to fracturing at 060o/vertical	**3a**	No Sample			
7-Jul	AR/BB	Line 40E, 31+65N	519552E	5400443N	OC8R	approximately 100x20x1.5	Felsic Flow- fine grained, grey, massive, felsic flow and 5% blue quartz eyes, possible weak sericite (<5%)	**3a**	279572	5400443E/ 5400443N	Same as OC	No
7-Jul	AR/BB	Line 40E, 32+25N	519515E	5400492N	OC8S	>100x35x2	Felsic Flow- similar to OC8R	**3a**	No Sample			
7-Jul	AR/BB	Line 40E, 32+65N	519494E	5400524N	OC8T	8x6x.5	Felsic Flow- similar to OC8R, fine grained, grey, massive felsic flow with 5% blue quartz eyes	**3a**	No Sample			
7-Jul	AR/BB	Line 40E, 33+00N	519462E	5400550N	OC8U	60x15x1	Felsic Tuff- fine grained, grey, massive, felsic flow with 5-10% blue and grey quartz eyes	**3a**	No Sample			
7-Jul	AR/BB	Line 40E, 33+20N	519463E	5400568N	OC8V	4x4x1	Magnetic Felsic Flow- medium grained, grey, felsic flow with 10% grey and blue quartz eyes, weak to moderately magnetic, no magnetite see but possible near contact	**3a**	279573	519463E/ 5400568N	Same as OC	Yes
7-Jul	AR/BB	Line 40E, 33+40N	519445E	5400588N	OC8W	7x8x1	Felsic Flow- similar to OC8V but non magnetic, weak fracture at 064o/vertical	**3a**	No Sample			
7-Jul	AR/BB	Line 40E, 33+90N	519414E	5400632N	OC8X	35x25x1	Felsic Flow- medium grained, grey, felsic flow with 10% grey and blue quartz eyes	**3a**	No Sample			
7-Jul	AR/BB	Line 40E, 34+15N	519410E	5400641N	OC8Y	12x10x.5	Altered Felsic Flow- fine grained, light grey, siliceous or even silicified (>10%) felsic flow, strong fracture at 360o/80oW	**3b**	279574	519410E/ 5400641N	Same as OC	Yes
7-Jul	AR/BB	Line 40E, 34+48N	519388E	5400668N	OC8Z	12x20x1	Felsic Flow- medium grained, grey, felsic flow with 10% grey and blue quartz eyes, no silica intro	**3a**	No Sample			
7-Jul	AR/BB	Line 40E, 34+48N	519363E	5400729N	OC8AB	25x10x3	Felsic Flow-medium grained, grey, felsic flow with 10% grey and blue quartz eyes, no silicification	**3a**	No Sample			
7-Jul	AR/BB	Line 40E, 35+32N	519338E	5400750N	OC8AC	10x5x2	Felsic Flow-medium grained, grey, felsic flow with 10% grey and blue quartz eyes, no silicification	**3a**	No Sample			
7-Jul	AR/BB	Line 40E, 35+60N	519322E	5400765N	OC8AD	12x12x2	Felsic Flow-medium grained, grey, felsic flow with 10% grey and blue quartz eyes, no silicification	**3a**	No Sample			
7-Jul	AR/BB	Line 32E, 33+35N	518794E	5400124N	OC1	40x14x2	Gabbro- medium grained, black, magnetic gabbro with trace pyrite	**7b**	279559	518794E/ 5400124N	Same as OC	No
7-Jul	AR/BB	Line 31+63E, 33+35N	518759E	5400110N	OC1B	40x14x2	Gabbro- fine grained, grey to black, weakly to moderately magnetic	**7a**	279560	518759E/ 5400110N	Same as OC	No
7-Jul	AR/BB	Line 32E, 33+75N	518771E	5400155N	OC2	3x1x1	Coarse Gabbro (to Pegmatite)- coarse grained to pegmatite, spotted gabbro with actinolite to hornblende crystals and 1-2% quartz eyes	**7c. 7d**	279561	518771E/ 5400155N	Same as OC	Yes
7-Jul	AR/BB	Line 32+75E, 36+25N	518704E	5400376N	OC11	2x2x1	Felsic Flow- fine grained, black, massive, no visible veins and no sulphides	**3a**	279563	518704E/ 5400376N	Same as OC	
7-Jul	AR/BB	Line 32E, 35+65N	518657E	5400309N	OC8	2x4x1	Gabbro-fine to medium grained, black, gabbro and non magnetic	**7b**	279562	518657E/ 5400309N	Same as OC	Yes
7-Jul	AR/BB	Line 32E, 36+65N	518704E	5400376N	OC10	2x5x2	Felsic Flow- fine grained, grey, massive, siliceous, felsic flow	**3a**	No Sample			No
7-Jul	AR/BB	Line 32E, 36+80N	518627E	5400366N	OC9	5x3x2	Felsic Flow (Rhyolite) - fine grained, black, massive, no visible veins and no sulphides	**3a**	No Sample			
7-Jul	AR/BB	Line 32E, 35+35N	518711E	5400240N	OC5	4x2x1	Gabbro- medium grained, grey, massive, no visible veins and no sulphides	**7a**	No Sample			

7-Jul	AR/BB	Line 32E, 34+90N	518736E	5400210N	OC4	15x5x2	Felsic Flow- fine grained, black, massive, some bands of quartz, no sulphides	**3a**	No Sample			
7-Jul	AR/BB	Line 32E, 34+55N	518773E	5400194N	OC3	6x2x1.5	Felsic Flow/Rhyolite- fine grained, black, massive, few quartz veins, massive, no sulpides	**3a**	No Sample			
7-Jul	AR/BB	Line 31+90E, 35+62N	518662E	5400270N	OC6	10x4x1.5	Gabbro- medium grained, light grey, massive, no visible veins and no sulphides	**7b**	No Sample			
7-Jul	AR/BB	Line 32E, 35+50N	518662E	5400300N	OC7	6x2x1.5	Gabbro- medium grained, light grey, massive, no visible veins and no sulphides	**7b**	No Sample			
7-Jul	AR/BB	Line 32+55E, 35+65N	518587E	5400395N	OC12	4x5x2	Felsic Flow- fine grained, grey to green, felsic flow with >10% silica alteration (in dendritic pattern)	**3b**	279564	518587E/ 5400395N	Same as OC	Yes
7-Jul	AR/BB	Line 34E, 35+80N	518862E	5400372N	OC13	15x6x1	Gabbro- medium grained, grey, massive, some biotite, no visible veins and no sulphides	**7b**	No Sample			
7-Jul	AR/BB	Line 33+92E, 23+34N	518970E	5400283N	OC18	5x2x1	Coarse Grained Gabbro- coarse grained, spotted gabbro, weakly to moderately magnetic	**7c**	279565	518970E/ 5400283N	Same as OC	Yes
7-Jul	AR/BB	Line 34E, 33+40N	518984E	5400217N	OC19	1x3x1	Gabbro- fine grained, green, weak chlorite (<5%) gabbro, non magnetic	**7a**	279566	518984E/ 5400217N	Same as OC	No
7-Jul	AR/BB	Line 34E, 35+45N	518882E	5400346N	OC15	5x2x2	Felsic Flow / Rhyolite- fine grained, dark grey, massive, no visible veins and no sulphides	**3a**	No Sample			
7-Jul	AR/BB	Line 34E, 35+50N	518858E	5400377N	OC14	6x3x1	Felsic Flow- fine grained, grey, no visible veins and no sulpides	**3a**	No Sample			
7-Jul	AR/BB	Line 34E, 34+00N	518885E	5400305N	OC17	3x2x1	Gabbro- fine grained, grey-green, a few fine veins, massive, no sulphides	**7a**	No Sample			
7-Jul	AR/BB	Line 34E, 34+35N	518878E	5400333N	OC16	2x4x1	Felsic Flow/Rhyolite- fine grained, grey, south side of pond	**3a**	No Sample			
7-Jul	AR/BB	Line 36E, 31+80N	519228E	5400209N	OC36.1	6x2x1.5	Felsic Flow- medium to coarse grained, grey, massive, no visible veins and no sulpides	**3a**	No Sample			
7-Jul	AR/BB	Line 36E, 32+40N	519195E	5400265N	OC36.2 (OC2)	25x20x2	Felsic Flow- medium grained, grey, massive felsic flow with no visible veins and no sulphides	**3a**	No Sample			
7-Jul	AR/BB	Line 36E, 33+25N	519149E	5400326N	OC36.3 (OC3)	25x25x3	Felsic Flow- medium grained, grey, massive with no visible veins and no sulphides	**3a**	No Sample			
7-Jul	AR/BB	Line 38+80E, 34+40N	518125E	5400450N	CL1	6x3x2	Felsic Flow- fine to medium grained, grey, massive, no visible veins and no sulphides	**3a**	No Sample			
7-Jul	AR/BB	Line 39+15E, 34+15N	518165E	5400450N	CL2	5x3x2	Felsic Flow- fine grained, grey, no visible veins and no sulphides	**3a**	No Sample			
7-Jul	AR/BB	Line 38E, 32+60N	518323E	5400404N	OC38.4 (OC4	4x10x3	Gabbro- fine grained, grey, massive gabbro, non magnetic	**7a**	279567	518323E/ 5400404N	Same as OC	Yes
7-Jul	AR/BB	Line 38+78E, 31+20N	519475E	5400339N	OC5	3x4x2	Felsic Flow- fine to medium grained, green, chlorite altered (>5%), felsic flow and 10% blue quartz eyes	**3a**	279568	519470E/ 5400339N	Same as OC	Yes
7-Jul	AR/BB	Line 38E, 33+40N	518255E	5400475N	OC38.1 (OC1)	2x4x1	Felsic Flow- fine grained, grey-green, massive felsic flow, no visible veins and no sulpides	**3a**	No Sample			
7-Jul	AR/BB	Line 38E, 33+30N	518263E	5400465N	OC38.2	3x5x.5	Felsic Flow- fine grained, grey-green, massive felsic flow, no visible veins and no sulpides	**3a**	No Sample			
7-Jul	AR/BB	Line 38E, 33+00N	518288E	5400440N	OC38.3	6x3x1	Felsic Flow- fine grained, grey-green, massive felsic flow, no visible veins and no sulpides	**3a**	No Sample			
7-Jul	AR/BB	Line 38E, 31+00N	519422E	5400250N	OC38.6	125x40x5	Felsic Flow- fine grained, grey, very fine veins, massive, no sulphides, 5% quartz eyes	**3a**	No Sample			
8-Jul	AR/BB	Line 42E, 29+00N	519855E	5400348N	OC9A	35x15x1.5	Felsic Flow- fine grained, dark grey, felsic flow with >5% blue and grey quartz eyes and 2-3% calcite amygdules, moderate fracture at 052o/vertical	**3b**	279280	519855E/ 5400348N	Same as OC	No
8-Jul	AR/BB	Line 42E, 26+70N	519999E	5400173N	OC9B	25x2x1 (small oc in mound)	Felsic Flow- fine to medium grained, black, felsic flow with 10% grey quartz eyes and trace pyrite (<.5%)	**3a**	No Sample			
8-Jul	AR/BB	Line 42E, 29+80N	519815E	5400417N	OC9C	65x30x1	Felsic Flow- fine grained, black, felsic flow with concoidal fracture and >5% grey quartz eyes, poor to no fractures, approximately massive flows	**3a**	No Sample			
8-Jul	AR/BB	Line 42E, 30+60N	519781E	5400471N	OC9D	20x10x2	Altered Felsic Flow- fine grained, grey to dark grey felsic flow with 10% silica overprint but no sulphides, rare .5-1cm quartz veins are parallel to moderate fractures at 040o/vertical	**3b**	279281	519781E/ 5400471N	Same as OC	Yes
8-Jul	AR/BB	Line 42E, 30+95N	519764E	5400486N	OC9E	85x25x1.5	Felsic Flow- fine grained, dark grey, massive felsic flow with weak to moderate fracture at 032o/vertical	**3a**	No Sample			
8-Jul	AR/BB	Line 42E, 31+20N	519748E	5400511N	OC9F	20x5x.5	Felsic Flow- same as OC9E	**3a**	No Sample			
8-Jul	AR/BB	Line 42E, 31+58N	519718E	5400547N	OC9G	30x15x1 (ridge) containing 3 small outcrops	Felsic Flow- fine to medium grained, dark grey, massive, felsic flow with 5% blue quartz eyes, fracture at 050o/70oN	**3a**	No Sample			
8-Jul	AR/BB	Line 42E, 31+75N	519716E	5400558N	OC9H	30x10x1	Felsic Flow- fine to medium grained, dark grey, massive, felsic flow with 5% blue quartz eyes, fracture at 050o/70oN, non-magnetic	**3a**	No Sample			
8-Jul	AR/BB	Line 42E, 32+00N	519700E	5400583N	OC9I	40x25x3	Magnetic Felsic Flow- fine to medium grained, dark grey, massive, felsic flow with 5% blue quartz eyes but is weak-moderately magnetic, did not see any magnetite	**3b**	279582	519700E/ 5400583N	Same as OC	Yes

8-Jul	AR/BB	Line 42E, 32+25N	519700E	5400583N	OC9I2	40x25x3	Non Magnetic Felsic Flow- same as OC9I but after 20 metres north along line, unit is non magnetic	**3a**	No Sample			
8-Jul	AR/BB	Line 42E, 32+60N	519669E	5400626N	OC9J	18x12x1.5	Felsic Flow- fine grained, grey, massive felsic flow with 5% blue quartz eyes, non magnetic	**3a**	No Sample			
8-Jul	AR/BB	Line 42E, 32+80N	519662E	5400634N	OC9K	6x6x1	Felsic Flow- fine grained, grey, massive felsic flow with 5% blue quartz eyes, non magnetic	**3a**	No Sample			
8-Jul	AR/BB	Line 42E, 33+75N	519606E	5400713N	OC9L	40x8x3	Felsic Flow- fine grained, grey, massive felsic flow with 5% blue quartz eyes and 1% pyrite along fractures	**3a**	279583	519606E/ 5400713N	Same as OC	No
8-Jul	AR/BB	Line 42E, 34+30N	519573E	5400765N	OC9M	8x6x.5	Felsic Flow- fine to medium grained, grey to dark grey, massive felsic flow with 5% blue quartz eyes, non magnetic	**3a**	No Sample			
8-Jul	AR/BB	Line 42E, 34+55N	519559E	5400775N	OC9N	10x10x1	Felsic Flow- fine to medium grained, grey to dark grey, massive felsic flow with 5% blue quartz eyes, non magnetic	**3a**	No Sample			
8-Jul	AR/BB	Line 43+10E, 33+80N	519675E	5400789N	OC9O	25x10x1	Felsic Flow- fine to medium grained, grey, massive, felsic flow, 5% blue quartz eyes, blocky, fracture 1 at 335o/vertical, fracture 2 at 080o/vertical	**3a**	No Sample			
8-Jul	AR/BB	Line 43+50E, 34+30N	519764E	5400780N	OC9P	5x3x1	Quartz Vein in Felsic Flow- a 2 metre wide zone of .5-2" white quartz (no sulphides) veins at 036o/vertical, approximately 20% of zone in fine grained, black, felsic flow (+ 5-10% biotite),	**3b, QV**	No Sample			
8-Jul	AR/BB	Line 44E, 33+00N	519814E	5400772N	OC9Q	12x20x1.5	Felsic Flow- fine grained, grey, felsic flow with 10% grey quartz eyes	**3a**	No Sample			
8-Jul	AR/BB	Line 44E, 32+25N	519820E	5400753N	OC9R	20x12x3	Felsic Flow- same as OC9Q, fracture 1 at 080o/vertical, fracture 2 at 360o/vertical	**3a**	No Sample			
8-Jul	AR/BB	Line 44E, 32+00N	519858E	5400694N	OC9S	25x18x1	Felsic Flow- fine grained, black, massive, felsic flow with 5-10% blue and grey quartz eyes	**3a**	No Sample			
8-Jul	AR/BB	Line 44E, 31+50N	519891E	5400652N	OC9T	8x6x1	Felsic Flow- fine grained, grey, massive felsic flow with 5% grey and blue quartz eyes	**3a**	No Sample			
8-Jul	AR/BB	Line 44E, 31+35N	519906E	5400652N	OC9U	8x2x1	Felsic Flow- fine grained, grey, massive felsic flow with 5% grey and blue quartz eyes	**3a**	No Sample			
8-Jul	AR/BB	Line 44E, 31+21N	519918E	5400641N	OC9V	5x4x.3	Altered Felsic Flow and Pyrite- medium grained, black, felsic flow with >20% biotite in mafic, 5% quartz eyes, trace to 1% pyrite	**3b**	279584	519918E/ 5400641N	Same as OC	Yes
8-Jul	AR/BB	Line 44E, 30+90N	519940E	5400615N	OC9W	25x15x2	Felsic Flow- fine grained, grey, massive, felsic flow, possible flow bands at 040o, parallel to weak fractures at 040o/vertical	**3a**	No Sample			
8-Jul	AR/BB	Line 44E, 30+50N	519980E	5400580N	OC9X	50x40x5	Felsic Flow- fine grained, grey, massive, felsic flow, possible flow bands at 040o, parallel to weak fractures at 040o/vertical	**3a**	No Sample			
8-Jul	AR/BB	Line 44E, 30+00N	519975E	5400539N	OC9Y	4x3x1	Felsic Flow- fine grained, grey, massive, felsic flow, possible flow bands at 040o, parallel to weak fractures at 040o/vertical	**3a**	No Sample			
8-Jul	AR/BB	Line 43+90E, 28+50N	520049E	5400411N	OC9Z	8x6x.5	Felsic Flow- series of small 20-50 metre squared outcrops of felsic flow over 50x60 metres, fine to medium grained, grey, massive felsic flow with weak to moderate fractures at 058o/vertical	**3a**	No Sample			
8-Jul	AR/BB	Line 43+80E, 20+25N	520518E	5399735N	OC1	50x25x4 at 45o	Gabbro- medium grained, grey, gabbro and weak magnetics, trace pyrite	**7b**	279575	520518E/ 5399735N	Same as OC	No
8-Jul	AR/BB	Line 44E, 20+25N	520538E	5399747N	OC2	5x3x1	Felsic Flow- fine to medium grained, grey, felsic flow with trace pyrite and grey quartz eyes	**3a**	279576	520538E/ 5399747N	Same as OC	Yes
8-Jul	AR/BB	Line 44E, 18+10N	520645E	5399581N	OC3	3x3x2	Gabbro- fine grained, black, weak shear, gabbro with 1% pyrite cubes and >10% biotite alteration	**7a**	279577	520645E/ 5399581N	Same as OC	Yes
8-Jul	AR/BB	Line 44E, 18+00N	520651E	5399572N	OC3B	40x40x4	Felsic Flow- medium grained, grey, felsic flow with 5-10% calcite alteration possibly from shear (?)	**3b**	279278	520651E/ 5399572N	Same as OC	No
8-Jul	AR/BB	Line 46E, 28+25N	520243E	5400500N	OC4	5x4x.5	Felsic Flow- fine grained, black, massive, blue quartz eyes	**3a**	No Sample			
8-Jul	AR/BB	Line 46E, 18+40N	520839E	5399680N	OC5	6x3x1	Gabbro- fine grained gabbro with fine quartz veins (1mm) and <.5 pyrrhotite	**7a**	No Sample			
8-Jul	AR/BB	Line 46E, 18+20N	520831E	5399693N	OC6	50x20x4 at 042o	Chlorite Gabbro- fine to medium grained, green, weak chlorite gabbro with >10% biotite alteration and 5% calcite alteration and trace pyrite	**7f**	279579	520831E/ 5399693N	Same as OC	Yes
9-Jul	AR/BB	Line 56E, 24+00N	521287E	5400765N	OC56A	60x50x2	Garnet Bearing Felsic Flow- fine to medium grained, grey, massive felsic flow with 5% blue quartz eyes and 2-4% red garnet, strong fracture at 062o/vertical and weak fracture at 022o/vertical	**3b**	279591	521287E/ 5400769N	Same as OC	Yes
9-Jul	AR/BB	Line 56E, 24+30N	521275E	5400783N	OC56B	5x4x.1	Felsic Flow- fine grained, light grey, massive, buff weathering felsic flow, siliceous but no garnet, little to no fractures	**3a**	No Sample			
9-Jul	AR/BB	Line 56E, 26+10N	521166E	5400913N	OC56C	14x5x1.5	Felsic Flow- fine grained, black, siliceous felsic flow and 5% grey quartz eyes	**3a**	279592	521166E/ 5400913N	Same as OC	No
9-Jul	AR/BB	Line 56E, 26+50N	521141E	5400931N	OC56D	25x22x1	Felsic Flow- banding at 360o/70oW, fine grained, grey, massive, siliceous felsic flow, hard to identify quartz eyes, no sulphides	**3a**	No Sample			
9-Jul	AR/BB	Line 56E, 26+70N	521188E	5400944N	OC56E	10x5x1 (subcrop)	Felsic Flow- similar to OC56D but poorly exposed, approximately no banding but same rock identification	**3a**	No Sample			
9-Jul	AR/BB	Line 56E, 27+20N	521105E	5401002N	OC56F	20x15x1	Felsic Flow- fine grained, dark grey to black, siliceous, felsic flow, quartz eyes hard to see	**3a**	No Sample			
9-Jul	AR/BB	Line 56E, 27+43N	521094E	5401014N	OC56G	12x10x2	Felsic Flow- same as OC56F	**3a**	No Sample			
9-Jul	AR/BB	Line 56E, 27+92N	521074E	5401066N	OC56H	25x10x1.5	Gabbro- fine to medium grained, black, gabbro with >10% biotitic, non magnetic, rare (2-3mm) quartz veins	**7b**	279593	521074E/ 5401066N	Same as OC	Yes

9-Jul	AR/BB	Line 56E, 28+20N	521058E	5401081N	OC56I	40x10x.5	Felsic Flow/Tuff- fine grained, grey to green, weakly chlorite +/- calcite (<5%) overprint on felsic flow, possible weak shearing at 060o but not evident in outcrop, possibly tuffaceous (?), no sulphides or quartz veins	**3b**	No Sample			
9-Jul	AR/BB	Line 56E, 28+75N	521026E	5401113N	OC56J	20x18x2	Felsic Flow-fine grained, dark grey, "cherty" or siliceous felsic flow, fracture at 072o/80oN, small outcrop part of ridge	**3a**	No Sample			
9-Jul	AR/BB	Line 56E, 29+08N	521012E	5401145N	OC56K	10x7x1	Felsic Flow- fine grained, grey, massive felsic flow with 5% blue quartz eyes	**3a**	No Sample			
9-Jul	AR/BB	Line 56E, 29+32N	521001E	5401165N	OC56L	10x3x1	Altered Felsic Flow (Shear?)- fine grained, grey, felsic flow with 10% biotite, +/- carbonate alteration (shear at 060o/vertical) and trace pyrite, <2% carbonate alteration	**3b**	279594	521001E/ 5401165N	Same as OC	Yes
9-Jul	AR/BB	Line 56+10E, 29+50N	520980E	5401211N	OC56M	50x25x2	Altered Felsic Flow (Shear?)- fine grained, grey, felsic flow with 10% biotite, +/- carbonate alteration (shear at 060o/vertical) and trace pyrite, <2% carbonate alteration	**3b**	No Sample			
9-Jul	AR/BB	Line 57+10E, 29+25N	521074E	5401251N	OC56N	20x10x.5	Felsic Flow-fine grained, grey, felsic flow with 10% biotite, +/- carbonate alteration (shear at 060o/vertical) and trace pyrite, <2% carbonate alteration, fine grained, black, siliceous felsic flow, rare pyrite (<.5%)	**3b**	No Sample			
9-Jul	AR/BB	Line 58E, 28+65N	521208E	5401227N	OC58A	3x3x.5	Altered Felsic Flow- fine to medium grained, black to green, >30% biotite-chlorite altered felsic flow and trace pyrite, 5% quartz eyes	**3b**	279595	521208E/ 5401227N	Same as OC	Yes
9-Jul	AR/BB	Line 58E, 28+30N	521233E	5401189N	OC58B	20x7x.5	Felsic Flow- fine grained, grey, massive felsic flow, siliceous	**3a**	No Sample			
9-Jul	AR/BB	Line 58E, 28+05N	521248E	5401165N	OC58C	30x18x1.5	Felsic Flow- same as OC58B but 1-2% white quartz vein at 360o/vertical but no sulphides	**3a**	No Sample			
9-Jul	AR/BB	Line 58E, 27+50N	521269E	5401139N	OC58D	20x7x1	Felsic Flow- fine grained, grey, felsic flow with 5% grey quartz eyes	**3a**	No Sample			
9-Jul	AR/BB	Line 58E, 27+02N	521301E	5401100N	OC58E	75x40x5	Felsic Flow- fine grained, black, siliceous felsic flow (possible silica alteration ?) continues for 40m south	**3b**	279596	521301E/ 5401100N	Same as OC	No
9-Jul	AR/BB	Line 58E, 26+50N	521335E	5401049N	OC58F	130x55x4	Felsic Flow- fine grained, grey, massive felsic flow with 5% grey quartz eyes, weak fracture at 062o/vertical, continues for 55m	**3a**	No Sample			
9-Jul	AR/BB	Line 58E, 25+75N	521380E	5400990N	OC58G	100x40x3	Felsic Flow- fine grained, dark grey, massive felsic flow with 5% grey quartz eyes	**3a**	No Sample			
9-Jul	AR/BB	Line 58E, 24+30N	521447E	5400873N	OC58H	8x4x.3	Felsic Flow- same as OC58G, weak fracture at 054o/vertical	**3a**	No Sample			
9-Jul	AR/BB	Line 58E, 24+00N	521458E	5400858N	OC58I	16x6x2	Altered Felsic Flow- fine grained, green, chlorite-calcite altered (>20%) felsic flow and trace pyrite	**3b**	279597	521438E/ 5400858N	Same as OC	Yes
9-Jul	AR/BB	Line 46E, 30+25N	520133E	5400635N	OC3	40x20x5	Altered Gabbro- medium grained, green, chlorite-carbonate altered (20%) gabbro, non magnetic	**7b**	279585	520133E/ 5400635N	Same as OC	Yes
9-Jul	AR/BB	Line 46E, 30+50N	520133E	5400635N	OC3B	15x4x2	Felsic Flow- north side of OC3, felsic flow that was cross cut by gabbro	**3a**	No Sample			
9-Jul	AR/BB	Line 48E, 31+25N	520281E	5400790N	OC8	3x1.5x1	Altered Gabbro- medium grained, green, chlorite-carbonate altered (10%) gabbro, weak-moderately magnetic	**7b**	279586	520281E/ 5400790N	Same as OC	No
9-Jul	AR/BB	Line 48E, 29+00N	520339E	5400178N	OC9	4x8x2	Altered Felsic Flow- fine to medium grained, grey felsic flow with 5-10% carbonate alteration (from shearing?) carbonate=calcite and ankerite	**3b**	279587	520339E/ 5400178N	Same as OC	Yes
9-Jul	AR/BB	Line 48E, 27+50N	520417E	5400592N	OC11	5x10x2	Quartz Vein in Felsic Flow- >3cm white quartz vein and biotite in felsic flow and no sulphide	**3a, QV**	279588	520417E/ 5400592N	Same as OC	Yes
9-Jul	AR/BB	Line 62E, 19+50N	522035E	5400718N	OC15	5x4x2	Felsic Flow- fine grained, grey, felsic flow with trace-1% pyrite	**3a**	279589	522035E/ 5400718N	Same as OC	Yes
9-Jul	AR/BB	Line 62E, 19+75N	522033E	5400737N	OC16	5x1x1.5	Carbonate Altered Felsic Volcanic- >20% calcite altered felsic flow, medium grained, grey to green with <5% chlorite	**3b**	279590	522033E/ 5400737N	Same as OC	No
9-Jul	AR/BB	Line 46E, 30+75N	520102E	5400700N	OC4	5x15x5	Felsic Flow- fine grained, felsic flow	**3a**	No Sample			
9-Jul	AR/BB	Line 46+87E, 31+55N	520110E	5400817N	OC5	15x7x1	Felsic Flow- fine grained, felsic flow, blue quartz eyes, no sulphides, fracture at 045o	**3a**	No Sample			
9-Jul	AR/BB	Line 48E, 27+80N	520397E	5400632N	OC10	50x40x5	Felsic Flow- medium grained, grey, felsic flow, massive	**3a**	No Sample			
9-Jul	AR/BB	Line 50E, 28+65N	520447E	5400860N	OC14	7x4x1.5	Weakly Sheared Felsic Flow- fine quartz and calcite vein in medium grained, grey, felsic	**3b**	No Sample			
9-Jul	AR/BB	Line 50E, 21+13N	520974E	5400148N	OC18	6x2x1	Granite Dike (?)- medium grained, spotted, felsic unit or altered felsic flow	**12a**	No Sample			
9-Jul	AR/BB	Line 46E, 28+25N	520255E	5400770N	OC1	5x3x.5	Felsic Flow- fine grained, grey, massive, felsic flow, north side of hydorline	**3a**	No Sample			
9-Jul	AR/BB	Line 46E, 18+20N	520831E	5399693N	OC6	50x20x4	Gabbro- medium grained, black, massive, trace pyrite, minor calcite veins	**7b**	279579	520831E/ 5399693N	Same as OC	Yes
9-Jul	AR/BB	Line 46E, 17+35N	520839E	5399680N	OC5	6x3x1	Fine Grained Gabbro- fine grained, black, gabbro and no sulphides	**7a**	No Sample			
9-Jul	AR/BB	Line 45+85E, 29+00N	520176E	5400562N	OC1	5x7x2	Felsic Flow- fine to medium grained, blue quartz eyes, grey, massive, small quartz vein	**3a**	No Sample			
9-Jul	AR/BB	Line 46E, 29+25N	520166E	5400617N	OC2	3x1x1	Rhyolite/Felsic Flow- fine grained, black, rhyolite	**3a**	No Sample			
9-Jul	AR/BB	Line 46E, 31+75N	520037E	5400803N	OC4	4x2x2 at 060o	Fine Grained Felsic/Rhyolite- fine grained, dark grey, rhyolite	**3a**	No Sample			

9-Jul	AR/BB	Line 46+85E, 31+50N	520110E	5400817E	OC5	10x10x3	Fine Grained Felsic Flow- fine grained, grey, felsic flow and 2-3% blue quartz eyes	**3a**	No Sample			
9-Jul	AR/BB	Line 47+55E, 30+70N	520200E	5400804N	OC6	3x5x2	Felsic- felsic and fine calcite vein and blue and grey quartz eyes	**3a**	No Sample			
9-Jul	AR/BB	Line 46+80E, 30+30N	520239E	5400804N	OC7	4x2x1	Fine Grained Felsic- fine grained, felsic, grey, weak shear	**3b**	No Sample			
9-Jul	AR/BB	Line 48E, 27+80N	520397E	5400632N	OC10	50x40x5	Felsic Flow- felsic, fine grained, grey, massive, fine calcite veins	**3a**	No Sample			
9-Jul	AR/BB	Line 50E, 28+25N	520480E	5400840N	OC12	12x4x2	Felsic Flow- fine grained, felsic, grey, massive, 1-3% grey and blue quartz eyes	**3a**	No Sample			
9-Jul	AR/BB	Line 50E, 29+25N	520541E	5400772N	OC13	20x8x1.5	Felsic Flow- fine grained, felsic, massive	**3a**	No Sample			
9-Jul	AR/BB	Line 50E, 30+45N	520477E	5400860N	OC14A	7x4x1.5	Felsic Flow- fine grained, felsic, grey, massive	**3a**	No Sample			
9-Jul	AR/BB	Line 50E, 30+55N	520472E	5400868N	OC14B	4x6x1	Felsic Flow- fine grained, felsic, grey, massive	**3a**	No Sample			
9-Jul	AR/BB	Line 50E, 30+90N	520447E	5400903N	OC14C	3x5x2	Felsic Flow- fine grained, felsic, grey, massive (oc 14 A,B,C= ridge 100x60x3)	**3a**	No Sample			
9-Jul	AR/BB	Line 62E, 21+13N	521938E	5400772N	OC18	8x2x2	Felsic Flow- fine grained, grey, felsic flow	**3a**	No Sample			
9-Jul	AR/BB	Line 62E, 21+50N	521915E	5400792N	OC19	6x3x1	Felsic Flow- fine grained, felsic	**3a**	No Sample			
9-Jul	AR/BB	Line 62E, 20+90N	521958E	5400758N	OC17	50x25x3	Felsic Flow- fine grained, grey, massive, felsic	**3a**	No Sample			
9-Jul	AR/BB	Line 44E, 20+25N	528528E	5399747N	OC1	5x3x1	Felsic Flow- fine to medium grained, grey felsic flow with trace pyrite	**3a**	279576	528528E/ 5399747N	Same as OC	Yes
10-Jul	AR/BB	Line 62+08E, 21+72N	521918E	5400907N	OC62A	45x20x2	Felsic Flow- fine grained, grey, weakly sheared at 0272o/vertical with 5% grey quartz eyes, weak calcite alteration (2-3%)	**3a**	279604	521918E/ 5400907N	Same as OC	No
10-Jul	AR/BB	Line 62E, 22+22N	521868E	5400939N	OC62B	25x6x.5	Felsic Flow- fine grained, black, siliceous, felsic flow, hard to identify quartz eyes, poor exposure with no fractures	**3a**	No Sample			
10-Jul	AR/BB	Line 62E, 22+50N	521860E	5400875N	OC62C	60x12x4 (ridge)	Flow Banded Felsic Flow- fine grained, tan to grey, highly siliceous (silicified approximately 10-30% ??), felsic flow, no sulphides, flow banding at 1-2 mm	**3b**	279605	521860E/ 5400875N	Same as OC	Yes.
10-Jul	AR/BB	Line 62E, 22+65N	521850E	5400993N	OC62D	35x10x4	Felsic Flow- fine grained, black, siliceous, felsic flow, hard to identify quartz eyes, poor exposure with no fractures	**3a**	No Sample			
10-Jul	AR/BB	Line 62E, 22+75N	521840E	5401014N	OC62E	>100x45x8	Felsic Flow- fine grained, black, siliceous, felsic flow, hard to identify quartz eyes, poor exposure with no fractures, continues along big ridge and no change, very weak shear at 082o/vertical	**3a**	No Sample			
10-Jul	AR/BB	Line 61+40E, 25+60N	521595E	5401220N	OC62F	15x4x2 (in larger ridge)	Felsic Flow- fine grained, black, siliceous, felsic flow, lots of overburden, poorly exposed, no fracturing or alteration seen	**3a**	No Sample			
10-Jul	AR/BB	Line 61+90E, 25+80N	521540E	5401207N	OC62G	8x6x.3	Felsic Flow- fine to medium grained, black, granular, felsic flow with sugary texture and >10% biotite alteration, non magnetic, possible weak shear at 072o/vertical (possible carbonate)	**3b**	279606	521540E/ 5401207N	Same as OC	Yes
10-Jul	AR/BB	Line 60E, 26+65N	521489E	5401172N	OC60A	18x10x1.5	Felsic Flow- fine grained, black, siliceous, felsic flow, poorly exposed, no fractures seen	**3a**	No Sample			
10-Jul	AR/BB	Line 60E, 26+18N	521515E	5401140N	OC60B	30x15x3	Magnetic Gabbro- fine to medium grained, black to dark green, gabbro with 5% chlorite and weak to moderate magnetics (2-5% magnetite)	**7b**	279607	521515E/ 5401140N	Same as OC	Yes
10-Jul	AR/BB	Line 60E, 25+90N	521538E	5401111N	OC60C	45x15x2	Felsic Flow- fine grained, black, siliceous felsic flow with 5% blue quartz eyes	**3a**	No Sample			
10-Jul	AR/BB	Line 60E, 25+60N	521543E	5401103N	OC60D	140x115x4	Felsic Flow- part of same ridge as OC60C, continues south for 95 metres, part of larger hill 10 metres high	**3a**	No Sample			
10-Jul	AR/BB	Line 60E, 24+25N	521619E	5401006N	OC60E	60x20x5	Felsic Flow- fine grained, black, siliceous felsic flow and 5% blue quartz eyes	**3a**	No Sample			
10-Jul	AR/BB	Line 60E, 22+40N	521738E	5400824N	OC60F	50x25x6	Shear Felsic Flow- similar to OC62A, fine grained, grey, weak shear at 270o/vertical, with 5% blue quartz eyes and 2% calcite alteration	**3b**	279608	521738E/ 5400824N	Same as OC	Yes
10-Jul	AR/BB	Line 54E, 28+70N	520889E	5400970N	OC54A	15x4x4	Quartz Vein in Felsic Flow- 0.5-1 cm quartz vein in felsic flow	**3a, QV**	279598	520889E/ 5400970N	Same as OC	Yes
10-Jul	AR/BB	Line 53+90E, 28+70N	520883E	5400966N	OC54A	15x4x4	Sheared Felsic Flow- fine grained, grey, sheared felsic flow with 5% calcite alteration	**3b**	279601	10 metres west of sample 279598	Same as OC	No
10-Jul	AR/BB	Line 54E, 29+00N	520844E	5401024N	OC54B	25x4x4	Felsic Flow- fine grained, grey, massive, small cacite veins and biotite in cracks, no sulphides	**3a**	No Sample			
10-Jul	AR/BB	Line 54E, 29+35N	520822E	5401051N	OC54C	20x15x2	Gabbro- fine grained, green, chlorite (<5%) gabbro and trace pyrite	**7a**	279599	520822E/ 5401051N	Same as OC	No
10-Jul	AR/BB	Line 54+30E, 29+85N	520890E	5401034N	OC54D	20x4x2	Felsic Flow- fine grained, light grey, massive, no visible veins and no sulphides, at 110o	**3a**	No Sample			
10-Jul	AR/BB	Line 54E, 29+90N	520748E	5401095N	OC54E	3x2x1.5	Felsic- fine grained, off white, felsic with >20% quartz-calcite alteration	**3b**	279600	520748E/ 5401095N	Same as OC	Yes

10-Jul	AR/BB	Line 54E, 28+80N	520803E	5401103N	Trench	2x1x.75	North South chip sample, white to yellow quartz vein in silica altered felsic flow (2.0m chip)	**3b, QV**	279602	520803E/ 5401103N	North South chip sample, white to yellow quartz vein in silica altered felsic flow (over 2 metres)	Yes
10-Jul	AR/BB	Line 54E, 28+80N	520803E	5401103N	Trench	2x1x.75	East West chip sample, fine grained, grey, felsic flow with weak shearing (0.5m chip)	**3b**	279603	520803E/ 5401103N	East West chip sample, fine grained, grey, felsic flow with weak shearing (over .5 metres)	Yes
10-Jul	AR/BB	Line 52E, 33+15N	520519E	5401150N	OC52B	7x2x1	Felsic Flow- fine to medium grained, grey, massive felsic flow with 10% plagioclase	**3a**	Rep Only			
10-Jul	AR/BB	Line 52E, 32+45N	520559E	5401096N	OC52A	10x6x2	Felsic Flow- medium grained, grey, massive, felsic flow and 5% calcite alteration	**3a**	No Sample			
10-Jul	AR/BB	Line 52E, 30+65N	520619E	5401160N	OC52D	25x6x1	Gabbro- fine to medium grained, green, chloritic gabbro with 10% plagioclase laths	**7f**	No Sample			
10-Jul	AR/BB	Line 52E, 30+90N	520607E	5401017N	OC52C	21x7x1	Gabbro- medium grained, green, chlorite-actinolite bearing gabbro	**7f**	No Sample			
10-Jul	AR/BB	Line 51+90E, 30+50N	520620E	5401027N	OC52X	10x4x1	Felsic Flow- medium grained, grey, massive, felsic flow and blue quartz eyes	**3a**	No Sample			
10-Jul	AR/BB	Line 52E, 26+80N	520872E	5400693N	OC52F	25x75x5	Felsic Flow- medium grained, grey, felsic flow with grey quartz eyes	**3a**	No Sample			
10-Jul	AR/BB	Line 52E, 28+05N	520787E	5400778N	OC52G	5x2x3	Felsic Flow- similar to OC52F, possibly weak shearing and >5% calcite veins	**3b**	No Sample			
10-Jul	AR/BB	Line 51+85E, 28+35N	520737E	5400753N	OC52H	9x3x1	Sheared Felsic Flow- weakly sheared felsic flow and 5% calcite	**3b**	No Sample			
11-Jul	AR/BB	Line 50E, 21+05N	520982E	5400161N	OC50A	30x10x1.5	Gabbro- medium grained, dark green to black, non magnetic gabbro, <1% grey quartz eyes	**7a**	279609	520982E/ 5400161N	Same as OC	No
11-Jul	AR/BB	Line 50E, 20+50N	521015E	5400103N	OC50B	6x3x1	Chlorite Felsic Flow- fine to medium grained, green, chloritic (>20%) felsic flow and 5% grey quartz eyes, non magnetic	**3b**	279610	521015E/ 5400103N	Same as OC	Yes
11-Jul	AR/BB	Line 50+25E, 20+25N	521040E	5400100N	OC50C	10x3x.2	Gabbro- medium to coarse grained, green, chloritic (>20%) with 5-10% basalt clasts (.5-2 metre) and 2% white quartz vein at 030o, weak fracture at 0352o/vertical and 080o/vertical	**7a**	No Sample			
11-Jul	AR/BB	Line 50+60E, 20+00N	521073E	5400103N	OC50D	10x2x.5	Chlorite Gabbro- similar to OC50B, medium grained, green, chlorite gabbro, non magnetic, probably continuous from OC50C	**7f**	No Sample			
11-Jul	AR/BB	Line 51+20E , 20+00N,	521142E	5400141N	OC50E	8x5x1	Shear Felsic Flow- fine to medium grained, grey, felsic flow with 5-10% biotite, weak shear at 050o/vertical, possible calcite (<5%)	**3b**	No Sample			
11-Jul	AR/BB	Line 62+37E, 20+00N	522056E	5400765N	BL1	25x3x1.5 at 70o	Felsic Flow- fine to medium grained, grey, massive, felsic	**3a**	279674		Same as OC	
11-Jul	AR/BB	Line 55+80E, 20+00N	521514E	5400413N	BL2	20x5x2.5	Felsic Flow- medium grained, beige, siliceous felsic flow, possibly silicified, (end of trench 4x3x1.5)	**3b**	279611	521514E/ 5400413N	Same as OC	Yes
11-Jul	AR/BB	Line 54+25E, 20+00N	521374E	5400316N	BL3	3x2x1	Sheared Gabbro- medium grained, black to dark brown, sheared gabbro with weak calcite alteration	**7f**	279612	521374E/ 5400316N	Same as OC	No
11-Jul	AR/BB	Line 54+10E, 20+00N	521374E	5400290N	BL4	15x4x2	Pyrite Bearing Gabbro- fine grained, black, gabbro with moderately magnetic approximately 2% pyrite (south end of trench 4x2x1)	**7a**	279613	521374E/ 5400290N	Same as OC	Yes
11-Jul	AR/BB	Line 53+75E, 20+00N	521376E	5400285N	BL5	5x3x1	Sheared Gabbro- fine grained, black, sheared gabbro but non magnetic	**7f**	279614	521376E/ 5400285N	Same as OC	No
11-Jul	AR/BB	Line 55+67E, 20+00N	521325E	5400281N	BL6	50x15x3	Gabbro- fine to medium grained, black, gabbro and .5% pyrite-pyrrhotite	**7b**	Rep Only			
11-Jul	AR/BB	Line 55+46E, 20+00N	521336E	5400264N	BL7	3x2x1	Quartz Calcite Vein in Altered Felsic Flow- 25% quartz-calcite veins (up to 3cm) in biotite altered felsic flow and 1% pyrite (dump)	**3b, QV**	279615	521336E/ 5400264N	Same as OC	Yes
11-Jul	AR/BB	Line 50+73E, 20+00N	521329E	5400256N	BL8	Dump pile	Quartz Vein- >80% yellow quartz veins in altered felsic flow, trench-dump pile	**3a, QV**	279616	521329E/ 5400256N	Same as OC	Yes
11-Jul	AR/BB	Line 53E, 20+00N	521270E	5400252N	BL9	5x3x1	Sheared Gabbro- fine grained, black, sheared gabbro with >5% calcite	**7f**	279617	521270E/ 5400252N	Same as OC	Yes
11-Jul	AR/BB	Line 49+50E, 20+00N	520995E	5400030N	BL10	4x2x.5	Gabbro- fine grained, green, massive gabbro	**7a**	Rep Only			
11-Jul	AR/BB	Line 49+25E, 20+00N	520966E	5400027N	BL11	6x4x1	Gabbro- medium to coarse grained, spotted, gabbro with moderate magnetics	**7b, 7c**	279618	520996E/ 5400027N	Same as OC	Yes
11-Jul	AR/BB	Line 49+10E, 20+00N	520952E	5400020N	BL12	1x1x.5	Quartz-Calcite Veins in Felsic Flow- >50% white quartz-calcite veins in altered felsic flow, west edge of BL11 (4x3x1)	**3b, QCV**	279619	520993E/ 5400021N	Same as OC	Yes
15-Jul	AR/BB	Line 54E, 15+77N	521595E	5399964N	OC1	12x12x1	Altered Andesite/Dacite and 3-5% Pyrite-Pyrrhotite- fine grained, dark grey, biotite-chlorite matrix in altered andesite/dacite and 3-5% pyrite-pyrrhotite, +/- chalcopyrite	**2b**	1482210	521595E/ 5399964N	Same as OC	Yes
Trenches L54E & L56E												
15-Jul	AR/BB	Line 54E, 19+77N	521368E	5400280N	OC2	Part of ridge 125x50x3	Altered Andesite/Dacite- fine to medium grained, dark grey to black, altered andesite/dacite with >10-20% biotite, +/- chlorite alteration	**2b**				
15-Jul	AR/BB	Line 54E, 19+80N	521369E	5400281N	Trench 1	10x2.5x2	Altered Andesite/Dacite- fine to medium grained, dark grey to black, altered andesite/dacite with >10-20% biotite, +/- chlorite alteration	**2b**	279613	521374E/ 5400290N	Pyrite Bearing Gabbro- fine grained, black, gabbro with moderately magnetic approximately 2% pyrite (south end of trench 4x2x1)	Yes

15-Jul	AR/BB	Line 54E, 19+80N	521369E	5400281N	Trench 1	10x2.5x2	Sheared Gabbro- fine grained, black, sheared gabbro but non magnetic	**7a**	279614	521376E/ 5400285N	Sheared Gabbro- fine grained, black, sheared gabbro but non magnetic	No
15-Jul	AR/BB	Line 54E, 19+80N	521369E	5400281N	Trench 1	10x2.5x2	Quartz Calcite Vein in Altered Felsic Flow- 25% quartz-calcite veins (up to 3cm) in biotite altered felsic flow and 1% pyrite (dump)	**3b, QV**	279615	521336E/ 5400264N	Quartz Calcite Vein in Altered Felsic Flow- 25% quartz-calcite veins (up to 3cm) in biotite altered felsic flow and 1% pyrite (dump)	Yes
15-Jul	AR/BB	Line 53+30E, 18+95N	521379E	5400166N	OC3A	65x30x2	Altered Dacite/Andesite- fine to medium grained, black, biotite +/- chlorite altered andesite/dacite with >3% blue quartz eyes	**2b**	279623	521360E/ 5400165N	Same as OC	Yes
15-Jul	AR/BB	Line 53+50E, 19+05N	521379E	5400106N	OC3B	65x30x2	Basalt- fine grained, grey, massive basalt, same outcrop as OC3A	**1a**	279622	521379E/ 5400106N	Same as OC	Yes
15-Jul	AR/BB	Line 52+85E, 19+65N	521310E	5400212N	Trench 2	4x1.5x1 at 062o	Altered Andesite/Dacite- fine to medium grained, black, biotite +/- chlorite alteration andesite/dacite with 1-2% white quartz vein (1-2cm), no sulphides	**2b**	279624	521310E/ 5400212N	Same as OC	Yes
15-Jul	AR/BB	Line 53+15E, 19+75N	521331E	5400231N	Trench 3A	4x2.5x1.5 at 050o	Quartz-Sericite Altered Felsic Flow- north side of trench, fine grained, tan, >50% silica +5% sericite altered felsic flow (possible >5% ankerite)	**3b**	279620	521331E/ 5400231N	Same as OC	Yes
15-Jul	AR/BB	Line 53+15E, 19+75N	521331E	5400231N	Trench 3B	4x2.5x1.5 at 050o	Altered Andesite/Dacite- central side of trench	**2b**	279621	521331E/ 5400231N	Same as OC	Yes
15-Jul	AR/BB	Line 53+15E, 19+75N	521331E	5400231N	Trench 3C	4x2.5x1.5 at 050o	Felsic Flow- 80% quartz flooding (very siliceous) of beige altered felsic flow, dump sample	**3b**	279625	521331E/ 5400231N	Same as OC	Yes
15-Jul	AR/BB	Line 53+35E, 19+90N	521331E	5400524N	Trench 4	4x3x1.5	Altered Dacite/Andesite- fine grained, black, foliated (078o/80oN), >20% biotite-chlorite altered matrix and ?3% quartz eyes and 2-3% pyrite	**2b**	279626	521331E/ 5400254N	Water Filled- sampled from dump pile by Bill Bone on Friday July 11, 2014	Yes
15-Jul	AR/BB	Line 53+45E, 20+08N	521328E	5400273N	OC2B/ Trench 5	10x2x1.2 at070o	Coarse Gabbro- coarse grained, spotted gabbro moderately magnetic and 1% pyrite-pyrrhotite	**7c**	279627	521307E/ 5400280N	Same as OC	Yes
15-Jul	AR/BB	Line 53+15E, 20+12N	521281E	5400263N	Trench 6 (OC2C)	3x1.5x1.5	Altered Gabbro- fine grained, black, >20% biotite altered gabbro with weak magnetics and <5% blue quartz eyes, shear at 080o	**7a**	279628	521281E/ 5400263N	Same as OC	Yes
15-Jul	AR/BB	Line 54E, 19+95N	521363E	5400301N	Trench 8	3x1x.5	Medium Gabbro- medium grained, spotted gabbro moderately magnetic and 1% pyrite-pyrrhotite	**7b**	No Sample			
15-Jul	AR/BB	Line 54+20E, 20+25N	521360E	5400325N	Trench 9	3x1x.5 at 030o	Basalt- fine grained, grey, foliated (072o/vertical), weak biotite (5%)	**1b**	279612	521374E/ 5400316N	Sheared Basalt- medium grained, black to dark brown, sheared basalt with weak calcite alteration	No
15-Jul	AR/BB	Line 55E, 20+55N	521402E	5400395N	Trench 10	2x1.5x.5	Sheared Felsic Flow- fine grained, dark grey to black, moderately sheared at 072o / vertical with >10% calcite-biotite-chlorite alteration	**3b**	272629	521402E/ 5400395N	Same as OC	Yes
15-Jul	AR/BB	Line 54+15E, 20+70N	521346E	5400366N	OC4	10x5x1	Sheared Felsic Flow- fine grained, dark grey to black, moderately sheared at 072o / vertical with >10% calcite-biotite-chlorite alteration	**3b**	279630	521346E/ 5400366N	Same as OC	Yes
15-Jul	AR/BB	Line 54E, 21+03N	521318E	5400390N	OC5/ Trench 11	4x2x2 at 026o	Quartz Bearing Basalt- fine grained, black, andesite/basalt with >5-10% quartz filled amygdules, weak shear at 030o/vertical	**2b, QV**	279631	521318E/ 5400390N	Same as OC	Yes
15-Jul	AR/BB	Line 56E, 24+05N	521300E	5400750N	OC6	65x40x3	Felsic Flow- fine grained, grey, massive felsic flow with 5-10% grey quartz veins and <2% sericite alteration	**3a**	No Sample			
15-Jul	AR/BB	Line 54+30E, 21+30N	521395E	5400441N	Trench 12 (T-trench)	20x8x2 and 20x8x3	Felsic Flow- fine grained, grey, weak foliation, minor sericites (<5%), white to salmon quartz veins that are >12"/30cm	**3b, QV**	279632	521395E/ 5400441N	have rep sample already, crush sample = equal quartz vein and shear felsic flow	Yes
15-Jul	AR/BB	Line 55+85E, 20+00N	521518E	5400408N	OC13/ Trench 15	OC 16x12x1.5 / TR 4x4x1.5	Sericite-Ankerite Altered Felsic Flow- same rock as trench 15, fine grained, tan to beige, sericite-ankerite, +/- calcite alteration (>30%) felsic flow trace pyrite	**3b**	279632?	521518E/ 5400408N	Same as OC	Yes
15-Jul	AR/BB	Line 55+75E, 20+12N	521486E	5400148N	OC7	3x2x1	Sheared Basalt- fine grained, green, chlorite +/- calcite, strong cleavage/foliation and >10% calcite, shearing at 055o/vertical	**1b**	279633	521486E/ 5400148N	Same as OC	Yes
15-Jul	AR/BB	Line 55+15E, 20+55N	521417E	5400407N	OC8	1.5x1.5x.5	Blast Pit- fine grained, green to grey, weak chlorite, felsic flow, 3% grey quartz eyes and 1-2% coarse pyrite cubes	**3a**	279634	521417E/ 5400407N	Same as OC	Yes
15-Jul	AR/BB	Line 54+20E, 20+25N	521433E	5400419N	OC9/ Pit 13	2x1x.5	Quartz Vein in Shear Basalt- fine grained, grey, weakly sheared basalt (060o/vertical) with 1cm grey quartz vein, no sulphides	**1b, QV**	279635	521433E/ 5400419N	Same as OC	Yes
15-Jul	AR/BB	Line 55+40E, 20+25N	521469E	5400396N	OC10/ Trench14	4x.5x.5	Quartz Vein in Basalt- fine grained, grey, basalt with >30% white and orange quartz vein quartz-carbonate veins, no visible sulphides`	**1b, QV**	279636	521469E/ 5400396N	Same as OC	Yes
15-Jul	AR/BB	Line 55+30E, 20+65N	521440E	5400427N	OC11/ Trench 15	5x1x.5	Magnetic Gabbro- fine to medium grained, green, weak chlorite (5%) gabbro with 1% pyrite-pyrrhotite and >3% fine magnetite	**7b**	279637	521440E/ 5400427N	Same as OC	Yes
15-Jul	AR/BB	Line 54+90E, 19+65N	521336E	5400392N	OC12	8x2x0.5	Shear Basalt and Pyrite- medium grained, grey to black, weakly to moderately sheared and >5% biotite-calcite altered basalt and 2-3% pyrite	**1b**	279638	521336E/ 5400392N	Same as OC	Yes
16-Jul	AR/BB	Line 51+30E, 20+00N	521022E	5400097N	OC1	12x8x1	Felsic Flow- fine grained, grey, massive, felsic flow, weak shearing at 060o/vertical	**3b**	279639	521142E/ 5400141N	Same as OC	Yes
16-Jul	AR/BB	Line 50+60E, 20+00N	521088E	5400097N	OC2	40x5x.3	Gabbro- medium grained, dark green- black, gabbro, magnetic, trace pyrite (?), central part covered by soil on skidder road	**7a**				
16-Jul	AR/BB	Line 50E, 19+70N	521045E	5400048N	OC3	6x2x1 (ledge)	Magnetic Gabbro- medium grained, spotted gabbro (40% plagioclase, 50% pyroxene) with >3% magnetite (moderately magnetic) and trace- 1% pyrite	**7a**	279640	521045E/ 5400048N	Same as OC	Yes
16-Jul	AR/BB	Line 50E, 18+92N	521099E	5399982N	OC4	12x3x1 (ledge)	Altered Felsic Flow- fine to medium grained, dark grey to black, altered felsic flow with >10-20% biotite alteration and 3-5% rusty patches (ankerite?) and 1-2% pyrite	**3b**	279641	5210099E/ 5399982N	Same as OC	Yes
16-Jul	AR/BB	Line 50E, 18+00N	521151E	5399897N	OC5	25x8x1	Gabbro- medium grained, dark green to black, magnetic gabbro with >10% pyrite	**7b**	279642	521151E/ 5399897N	Same as OC	Yes

16-Jul	AR/BB	Line 50E, 17+45N	521174E	5399833N	OC6	30x20x1	Felsic Flow- fine grained, grey, massive, non magnetic felsic flow with 5% grey quartz eyes, weak fracture at 070o/North	**3a**	No Sample			
16-Jul	AR/BB	Line 40E, 18+10N	520992E	5399791N	OC7	25x15x1.5	Felsic Flow- fine grained, black, felsic flow, massive, 5% grey quartz eyes, no sulphides or fractures	**3a**	No Sample			
16-Jul	AR/BB	Line 48E, 18+90N	520933E	5399862N	OC8	10x3x1	Altered Felsic Flow- medium grained, grey to black, felsic flow, >10% plagioclase phenocrysts, 10% grey quartz eyes, >5% biotite matrix +/- calcite, trace pyrite	**3b**	279643	520933E/ 5399862N	Sample all broken up	Yes
16-Jul	AR/BB	Line 48+75E, 15+50N	521335E	5399651N	OC9	35x12x1	Weak Sheared/Altered Basalt- fine grained, black weak shear at 050o/vertical, basalt with 2-5% very fine (1-3mm) quartz vein, possible weak silica alteration (5-10%)	**1b**	279644	521335E/ 5399651N	Same as OC	No
16-Jul	AR/BB	Line 50E, 14+50N	521356E	5399618N	OC10	40x5x1	Basalt- fine grained, dark grey, massive basalt at 060o	**1a**	No Sample			
16-Jul	AR/BB	Line 48E, 13+60N	521236E	5399417N	OC11	20x4x1.5	Pink Granite- fine to medium grained, pink granite, massive at 070o	**12a**	279645	521236E/ 5399417N	Same as OC	No
16-Jul	AR/BB	Line 48E, 13+85N	521210E	5399456N	OC12	30x8x3	Same as OC11	**12a**	No Sample			
16-Jul	AR/BB	Line 48E, 14+35N	521189E	5399487N	OC13	40x25x3 (ridge)	Basalt- fine grained, dark green to black, massive basalt, no sulphides or veins at 055o/vertical for outcrop orientation	**1a**	No Sample			
16-Jul	AR/BB	Line 48E, 14+80N	521162E	5399538N	OC14	20x15x1.5	Basalt- fine grained, dark green to black, massive basalt, no sulphides or veins at 055o/vertical for outcrop orientation	**1a**	No Sample			
16-Jul	AR/BB	Line 48E, 13+50N	521160E	5399543N	OC15	25x15x1.5	Basalt- >90% of outcrop is fine grained, grey, massive basalt	**1a**	No Sample			
16-Jul	AR/BB	Line 48E, 13+65N	521155E	5399553N	OC15B	15x3x1.5	Altered Basalt and Quartz Vein- fine grained, dark green, >20% chlorite-biotite altered basalt, 10% white-orange quartz veins at 070o/vertical	**1b, QV**	279646	521155E/ 5399553N	Same as OC	Yes
16-Jul	AR/BB	Line 48E, 15+80N	521125E	5399579N	OC16	25x25x2	Basalt- fine grained, weak chlorite (5%), basalt with weak foliation (060o)	**1b**	No Sample			
16-Jul	AR/BB	Line 60E, 16+90N	522027E	5400399N	OC1/ Bush Rat Tr	OC 6x5x1.5, Tr 1 -5x2x1	Altered Gabbro- medium grained, grey, massive gabbro with quartz veins and ankerite alteration, trace-1% pyrite, possibly magnetic, silica alteration (>10%)	**7e**	279647	522026E/ 5400399N	Same as OC	Yes
16-Jul	AR/BB	Line 60E, 16+90N	522027E	5400399N	OC1/ Bush Rat Tr	Dump Pile	Gabbro - medium grained, grey, massive altered gabbro with quartz or calcite alteration	**7e**	279648	522027E/ 5400399N	Same as OC	Yes
16-Jul	AR/BB	Line 60E, 16+30N	522054E	5400366N	OC2	3x4x1	Weathered Granite (aka Sapprolite) - most probably sapprolite/ weathered granite	**12a**	No Sample			
16-Jul	AR/BB	Line 59+90E, 22+55N	521715E	5400856N	OC3	75x25x4	Quartz Vein-Carbonate Veins in Felsic Flow- >30% white quartz veins, salmon carbonate veins (rhodocrosite?) in fine grained felsite, west rock face of hydroline (near centre)	**3b, QCV**	279649	521715E/ 5400856N	Same as OC	Yes
16-Jul	AR/BB	Line 60E, 22+40N	521717E	5400852N	OC3B	75x25x4	Sheared Felsic Flow- fine grained, grey, massive, chlorite-sericite, quartz vein	**3b**	279650	521717E/ 5400852N	Same as OC	Yes
16-Jul	AR/BB	Line 57+80E, 20+75N	521661E	5400619N	OC4		Sericite Altered Felsic Flow- fine to medium grained, light grey, felsic with >80% quartz and >10% sericite alteration	**3b**	279651	521661E/ 5400619N	Same as OC	Yes
16-Jul	AR/BB	Line 52+75E, 13+00N	521765E	5399746N	OC6	6x3x1	Pink Granite- medium grained, pink, massive granite	**12**	No Sample			
16-Jul	AR/BB	Line 52+60E, 11+70N	521733E	5400614N	OC7	4x2x1.5	Pink Granite- medium grained, pink, massive granite	**12a**	279652	521733E/ 5400614N	Same as OC	No
16-Jul	AR/BB	Line 53+10E, 12+65N	521766E	5399713N	OC8	7x3x2	Basalt- fine grained, dark green, weak chlorite (<5%) basalt, trace arsenopyrite, weak shearing, veins epidote-sericite	**1b**	279653	521766E/ 5399713N	Same as OC	Yes
16-Jul	AR/BB	Line 52+50E, 13+25N	521725E	5399753N	OC10	50x12x2	Sheared Basalt- fine grained, grey, massive basalt with fine calcite-biotite veins	**1b**	279654	521725E/ 5399753N	Same as OC	
16-Jul	AR/BB	Line 52+50E, 13+50N	521710E	5399773N	OC11	24x4x2	Basalt- fine grained, grey, massive, basalt, 1cm white quartz vein has "cooked" basalt into amphibolite over 2-3cm, hornfels	**1a**	No Sample			
16-Jul	AR/BB	Line 52+50E, 14+00N	521680E	5399823N	OC12	20x5x5	Basalt- fine grained, grey to green, massive basalt	**1a**	No Sample			
16-Jul	AR/BB	Line 52E, 15+00N	521656E	5399908N	OC13	20x6x1.5	Amphibolite- fine grained, grey, massive, slightly magnetic, "cooked" basalt	**1a**	No Sample			
17-Jul	AR/BB	Line 44+05E, 17+50N	520702E	5399532N	OC1	80x12x2	Sheared Basalt- fine grained, green, weak, chlorite-carbonate alteration (10%) from moderate shearing at 048o/vertical	**1b**	No Sample			
17-Jul	AR/BB	Line 44E, 17+18N	520706E	5399502N	OC2	5x2x1	Highly Sheared/Altered Basalt- fine grained, light green-grey, moderate-strong (>30%) chlorite-carbonate alteration with moderate shearing at 050o/vertical	**1b**	279660	520706E/ 5399502N	Same as OC	No
17-Jul	AR/BB	Line 44E, 17+08N	5207322E	5399487N	OC3	100x17x3	Basalt (to Andesite)- fine to medium grained, dark grey to black, granular, basalt to andesite with >5% biotite in matrix, 1-2% grey quartz eyes, trace-1% pyrite, small veinlets of epidote, no chlorite-carbonate alteration, weak to moderate magnetics	**1b**	279661	520722E/ 5399487N	Same as OC	No
17-Jul	AR/BB	Line 44E, 16+47N	520751E	5399443N	OC4	18x4x1	Basalt- same as OC3, poorly exposed ledge	**1b**	No Sample			
17-Jul	AR/BB	Line 44E, 16+30N	520759E	5399423N	OC5	85x20x4 (large ridge)	Basalt- fine grained, green, weak chlorite (<5%) massive basalt, weak fracture 052o/vertical	**1a**	No Sample			
17-Jul	AR/BB	Line 44E, 15+75N	520795E	5399383N	OC5B	80x30x1	Basalt- continuation of OC5, same basalt	**1a**	No Sample			
17-Jul	AR/BB	Line 44E, 15+50N	520809E	5399371N	OC5C	40x12x1	Basalt- continuation of OC5 and OC5B, same fine grained, green, basalt, weak fracture at 042o/vertical	**1a**	No Sample			
17-Jul	AR/BB	Line 44E, 15+15N	520819E	5399333N	OC5D	20x15x2	Basalt- continuation of OC5 to OC5C, same fine grained, green, weak chlorite basalt	**1a**	No Sample			

17-Jul	AR/BB	Line 44E, 14+90N	520833E	5399325N	OC5E	45x25x2	Basalt- continuation of OC5 to OC5D, same description as above	**1a**	No Sample			
17-Jul	AR/BB	Line 44E, 14+50E	520858E	5399283N	OC6	6x4x2	Grey Granite- medium grained, grey, granite with <5% mafics	**12a**	279662	520858E/ 5399283N	Same as OC	Yes
17-Jul	AR/BB	Line 44+48E, 14+05N	520923E	5399262N	OC7	8x4x1	Felsic Flow- medium grained, grey, possible weak sericite alteration (<5%) with 5% blue quartz eyes	**3b**	279663	520923E/ 5399262N	Same as OC	Yes
17-Jul	AR/BB	Line 47+75E, 13+50N	521050E	5399302N	OC8	60x25x2 at 060o	Magnetic Gabbro- medium grained, greenish to black, gabbro, weakly to moderately magnetic with 1% pyrite to pyrrhotite	**7b**	279664	521050E/ 5399502N	Same as OC	Yes
17-Jul	AR/BB	Line 46+10E, 12+05N	521154E	5399204N	OC9	6x5x1	Grey Granite- similar to OC6, medium grained, grey granite with <5% mafics	**12a**	No Sample			
17-Jul	AR/BB	Line 46E, 12+40N	521131E	5399236N	OC10	75x30x4	Grey Granite- same as OC9, medium grained, grey granite, massive, <5% mafics	**12a**	No Sample			
17-Jul	AR/BB	Line 46E, 13+00N	521108E	5399273N	OC11	70x27x4	Grey Granite- Same as OC10	**12a**	No Sample			
17-Jul	AR/BB	Line 46E, 13+55N	521072E	5399322N	OC12	8x2-6x1	Quartzolite- medium grained, off white, quartz rich (>80%), "granite" (?) and <5% sericite altered	**12a, QV**	279665	521072E/ 5399322N	Same as OC	Yes
17-Jul	AR/BB	Line 46E, 14+30N	521023E	5399393N	OC13	22x6x1	Basalt- fine grained, green, weak chlorite (<5%) basalt, weak fracture at 063oN	**1a**	No Sample			
17-Jul	AR/BB	Line 46E, 15+25N	520980E	5399466N	OC14	130x80x8	Basalt- same as OC13	**1a**	No Sample			
17-Jul	AR/BB	Line 46E, 15+60N	520960E	5399486N	OC15	30x10x1.5	Basalt and Pyrite- fine grained, black, weakly sheared (052o/vertical) and 5% biotite in matrix and 1% pyrite	**1a**	279666	520960E/ 5399466N	Same as OC	Yes
17-Jul	AR/BB	Line 46E, 15+75N	520956E	5399497N	OC16	25x6x1	Basalt- fine grained, grey, massive, basalt and 5% biotite alteration but no pyrite	**1a**	No Sample			
17-Jul	AR/BB	Line 46E, 16+80N	520900E	5399581N	OC17	15x10x1	Basalt- fine grained, green, weak chlorite, basalt, weak fracture at 056o/vertical	**1a**	No Sample			
17-Jul	AR/BB	Line 52E, 15+30N	521421E	5399869N	OC1	8x2x1.5	Basalt- fine grained, grey-green, massive basalt and <5% biotite	**1a**	No Sample			
17-Jul	AR/BB	Line 52E, 13+50N	521571E	5399666N	OC2	13x3x2	Basalt- fine grained, grey-green, massive, veins magnetite-epidote, possible calcite	**1b**	279655	521571E/ 5399666N	Same as OC	No
17-Jul	AR/BB	Line 55+45E, 10+60N	522012E	5399610N	OC3	15x5x4	Altered Gabbro- magnetic, medium grained, grey, massive (at 035o), minor calcite	**7b**	279656	522012E/ 5399610N	Same as OC	Yes
17-Jul	AR/BB	Line 55+40E, 11+25N	521954E	5399811N	OC4	3x2x1	Basalt- fine grained, grey-green, massive, basalt	**1a**	No Sample			
17-Jul	AR/BB	Line 55+40E, 12+00N	521920E	5399859N	OC5	30x10x2.5	Basalt- fine grained, grey, massive, biotite alteration	**1a**	No Sample			
17-Jul	AR/BB	Line 55+00E, 12+30N	521869E	5399849N	OC6	30x4x2 at 045o	Shear Basalt- fine grained, grey-black, massive, basalt, fine quartz veins, >20% biotite-chlorite altered the-calcite (<3%)	**1b**	279657	521869E/ 5399849N	Same as OC	Yes
17-Jul	AR/BB	Line 54E, 13+03N	521744E	5399842N	OC7	3x2x2 at 45o	Basalt- massive, grey	**1a**	No Sample			
17-Jul	AR/BB	Line 54+40E, 13+95N	521722E	5399932N	OC8	20x5x3	Shear Gabbro- medium grained, dark grey-green, gabbro with >10% calcite alteration and >1% pyrite-pyrrhotite	**7f**	279667	521722E/ 5399932N	Same as OC	Yes
17-Jul	AR/BB	Line L48E, 13+15N	521238E	5399415N	OC9	20x4x1.5 at 070o	Felsic Flow- medium grained, light grey, massive, grey quartz eyes	**3a**	No Sample			
17-Jul	AR/BB	Line L47+82E, 12+95N	521245E	5399383N	OC10	4x2x1 at 040o	Carbonate/Shear Gabbro- medium grained, grey, massive, >20% calcite alteration and 1% pyrite	**7f**	279658	521245E/ 5399383N	Same as OC	Yes
17-Jul	AR/BB	Line L47+35E, 12+55N	521240E	5399327N	OC11	8x4x2 at 45o	Grey Granite- medium grained, pink, massive granite	**12a**	No Sample			
17-Jul	AR/BB	Line L47+10E, 12+15N	521237E	5399261N	OC12	25x10x2	Weakly Sheared Felsic Flow- medium grained, grey, massive, weakly sheared, felsic flow	**3b**	No Sample			
17-Jul	AR/BB	Line L46+35E, 11+65N	521235E	5399197N	OC13	4x2x2	Granite-medium grained, pink, granite	**12a**	No Sample			
17-Jul	AR/BB	Line L46+15E, 11+30N	521227E	5399144N	OC14	20x6x4 at 030o	Altered Felsic Flow- medium grained, light grey, massive, >10% calcite alteration, possible granite (?)	**3b**	279668	521227E/ 5399144N	Same as OC	Yes
17-Jul	AR/BB	Line L45+60E, 10+65N	521219E	5399010N	OC15	50x23x3	Andesite-Dacite- medium grained, grey, massive with >10% biotite alteration	**2b**	No Sample			
17-Jul	AR/BB	Line L45+60E, 10+40N	521227E	5398873N	OC16	2x2x1	Altered Granite- coarse grained, grey-green, massive, calcite alteration (>10%)	**12a**	279659	521227E/ 5398873N	Same as OC	Yes
18-Jul	AR-BB	Line 64E, 16+05N	522061N	5400442N	OC1	12x6x1 at 060o	Weakly Altered Gabbro- medium grained, dark green, weak chlorite-epidote alteration (<10%) gabbro, trace pyrite, weakly to moderately magnetic	**7b**	279673	522061E/ 5400442N	Same as OC	Yes
18-Jul	AR-BB	Line 64E, 19+80N	522071E	5400786N	OC2	14x3x1.5	Sheared Felsic Flow- fine to medium grained, grey, banded felsic flow with moderate shear at 068o/vertical, 10% biotite bands up to 1cm, no visible sulphides	**3b**	279674	522071E/ 5400786N	Same as OC	Yes
18-Jul	AR-BB	Line 64E, 20+08N	522067E	5400809N	OC3	25x18x1	Sheared Felsic Flow- same as OC2, fine to medium grained, grey, banded, felsic flow with >1cm biotite, weak shear at 065o/vertical	**3b**	No Sample			
18-Jul	AR-BB	Line 64E, 21+02N	522068E	5400899N	OC4	8x4x.5	Sheared Felsic Flow- fine grained, black, weakly sheared at 072o with >3% blue quartz eyes	**3b**	No Sample			

18-Jul	AR-BB	Line 64E, 21+20N	522073E	5400923N	OC5	10x4x2	Felsic Flow- fine grained, grey, massive felsic flow and 2-3% sericite alteration, no shearing, 2-3% blue quartz eyes	**3b**	279675	522073E/ 5400923N	Same as OC	No
18-Jul	AR-BB	Line 64E, 21+40N	522077E	5400932N	OC6	15x12x1	Weakly Sheared Felsic Flow- fine to medium grained, grey, weakly sheared felsic flow with biotite alignment/bands, 2-3% calcite especially in fractures, weak shearing at 082o/vertical	**3b**	No Sample			
18-Jul	AR-BB	Line 64E, 21+50N	522062E	5400953N	OC6B	2x1.5x.1	Red Quartz Vein in Intensely Sheared Felsic Flow- a 1.5 metre zone of white (bleached) zone of sericite, +/- albite altered felsic flow at 092o/vertical	**QV, 3b**	279677	522062E/ 5400953N	Same as OC, 30cm chip sample over red quartz vein	Yes
18-Jul	AR-BB	Line 63+70E, 21+40N	522054E	5400934N	OC7	30x25x2	Weakly Sheared Felsic Flow and Quartz Vein- similar to OC6 however, .5-2cm while quartz veins parallel shearing (3-5%) and larger quartz vein up to 30cm at 050o, these veins can be traced >6 metres to entire outcrop length	**3b, QV**	279676	522054E/ 5400934N	Same as OC	Yes
18-Jul	AR-BB	Line 64+35E, 21+40N	522094E	5400948N	OC8	25x40x1.5	Weakly Sheared Felsic Flow- similar to OC6, fine to medium grained, grey, weakly sheared felsic flow with biotite bands and 3-5% calcite along fracture, >3% blue quartz eyes, fracture 1 at 080o/vertical (parallel to shear), fracture 2 at 330o/vertical	**3b**	No Sample			
18-Jul	AR-BB	Line 64E, 21+90N	522056E	5400980N	OC9	6x5x1	Weakly Sheared Felsic Flow- same as OC6, weak shear at 076o/vertical	**3b**	No Sample			
18-Jul	AR-BB	Line 64E, 22+30N	522056E	5401020N	OC10	10x5x1	Weakly Sheared Rhyolite- fine grained, light grey to grey to rosy, highly siliceous, rhyolite (possible silicified), weak shear at 080o/vertical	**3b**	279678	522056E/ 5401020N	Same as OC	Yes
18-Jul	AR-BB	Line 64E, 22+95N	522061E	5401092N	OC11	14x9x1.5	Altered Felsic Flow- same as OC10, fine grained, light grey, siliceous rhyolite (possible silicified)	**3b**	No Sample			
18-Jul	AR-BB	Line 64E, 23+32N	522055E	5401108N	OC12	18x18x2	Felsic Flow- fine grained, grey, massive felsic flow, weak fracture at 086o/vertical	**3a**	No Sample			
18-Jul	AR-BB	Line 64E, 23+50N	522049E	5401132N	OC13	8x8x1	Basalt/Amphibolite- fine to medium grained, black, >10% biotite-chlorite in matrix (amphibolite), 2% calcite veins	**1b**	279679	522049E/ 5401132N	Same as OC	Yes
18-Jul	AR-BB	Line 62B-E, 1+15N	521982E	5401133N	OC14	30x25x1.5	Felsic Flow- fine grained, grey, massive felsic flow and 5% quartz eyes, little to no fractures	**3a**	No Sample			
18-Jul	AR-BB	Line 62B-E, 0+75N	522024E	5401105N	OC15	20x15x1.5	Felsic Flow- same as OC14	**3a**	No Sample			
18-Jul	AR-BB	Line 60E, 16+90N	522032E	5400401N	Bush Rat Trench East	8x2.5x1.0	Silica Altered Felsic Flow- medium grained, light grey, felsic flow with <30% silica introduction +3% pyrite-pyrrhotite, +/- chalcopyrite-galena	**3b**	279671	522032E/ 5400401N	Same as OC	Yes
18-Jul	AR-BB	Line 60E, 16+90N	522030E	5400399N	Bush Rat Trench West	8x2.5x1.0	Silica Altered Felsic Flow- same as Bush Rat Trench East	**3b**	279672	522030E/ 5400399N	Same as OC	Yes
18-Jul	AR-BB	Line 64+25E, 20+00N	522100E	5400006N	OC1	25x6x3	Felsic Flow- fine grained, grey, massive, sericite, quartz calcite and blue quartz eyes, (see previous OC2-same OC)	**3b**	No Sample			
18-Jul	AR-BB	Line 66E, 14+60N	522276E	5400478N	OC2	15x4x1.5 at 065o	Basalt- fine grained, grey-green, massive, 10-15% coarse pyrite	**1a, Py**	279669	522276E/ 5400478N	Same as OC	Yes
18-Jul	AR-BB	Line 66+35E, 14+40N	522281E	5400452N	OC3	20x15x3 at 66o	Basalt- fine grained, grey, massive, lightly sheared, trace pyrite, calcite-ankerite altered >20% and 3cm white quartz vein	**1b**	279670	522281E/ 5400452N	Same as OC	Yes
21-Jul	AR/BB	Line 64E, 23+95N	522063E	5401185N	OC14	20x8x3	Basalt- fine grained, black , massive basalt with trace pyrite, weak fracture at 282o/vertical. (Continuing from July 18/14)	**1a**	No Sample			
21-Jul	AR/BB	Line 64E, 24+15N	522055E	5401205N	OC15	20x5x1	Sheared Felsic Flow- fine grained, grey to dark grey, siliceous felsic flow, weak shear at 092o/vertical	**3b**	279690	522055E/ 5401205N	Same as OC	
21-Jul	AR/BB	Line 64E, 24+72N	522055E	5401259N	OC16	45x15x2.5	Sheared Felsic Flow- similar to OC15, fine grained, dark grey, siliceous felsic flow with weak shearing at 092o/vertical	**3b**	No Sample			
21-Jul	AR/BB	Line 64E, 25+10N	522054E	5401300N	OC17	15x5x2 (ledge)	Felsic Flow- same as OC15 and OC16, >5% grey quartz eyes, almost no shearing	**3a**	No Sample			
21-Jul	AR/BB	Line 64E, 25+45N	522048E	5401324N	OC18	40x12x5	Felsic Flow- same as OC15, fine grained, dark grey, massive felsic flow and 10% grey quartz eyes, very blocky/irregular	**3a**	No Sample			
21-Jul	AR/BB	Line 66E, 25+20N	522269E	5401315N	OC19	4x2x1	Hornblende Bearing Gabbro- 40% medium grained, hornblende phenocrysts in finer, black gabbro matrix	**7b**	279691	522269E/ 5401315N	Same as OC	
21-Jul	AR/BB	Line 66E, 25+00N	522271E	5401307N	OC20	9x6x1 at 090o	Hornblende Bearing Gabbro- same as OC19	**7b**	No Sample			
21-Jul	AR/BB	Line 66E, 24+90N	522270E	5401292N	OC21	20x12x2.5	Felsic Flow- fine grained, grey to dark grey, massive (to irregular blocky) felsic flow and 5% grey quartz eyes, similar to OC18	**3a**	No Sample			
21-Jul	AR/BB	Line 66E, 24+55N	522269E	5401246N	OC22	60x25x3	Felsic Flow- same as OC21, little to no fracture/foliation, no structure	**3a**	No Sample			
21-Jul	AR/BB	Line 66E, 23+50N	522271E	5401140N	OC23	70x25x3	Felsic Flow- same as OC21 and OC22	**3a**	No Sample			
21-Jul	AR/BB	Line 66E, 23+00N	522275E	5401102N	OC24	120x35x6	Felsic Flow- fine grained, dark grey, siliceous felsic flow (rhyolite) with concoidal fracture	**3a**	279692	522275E/ 5401102N	Same as OC	
21-Jul	AR/BB	Line 66E, 22+60N	522276E	5401064N	OC24B (south half of OC24)	160x45x2	Felsic Flow- same as OC24, fine grained, dark grey, siliceous Felsic Flow/Rhyolite with concoidal fracture, weak fracture at 092o/vertical	**3a**	No Sample			
21-Jul	AR/BB	Line 66E, 22+25N	522267E	5401029N	OC25	15x30x1	Felsic Flow- fine grained, grey, felsic flow with 2-3% white quartz veins at 062o but weak foliation/strain at 082o/vertical	**3b, QV**	No Sample			
21-Jul	AR/BB	Line 66+10E, 21+90N	522272E	5401007N	OC25B	8x3x.2	Felsic Flow and Quartz Vein- same as OC25 however, 20% white quartz vein (1-5cm) at 082o/vertical, too flat to sample	**3b, QV**	No Sample			
21-Jul	AR/BB	Line 68+75E, 20+00N	522543E	5400809N	OC1	5x4x1.5	Felsic Flow- fine grained, grey, massive, felsic flow, +/- sericite alteration	**3b**	No Sample			

21-Jul	AR/BB	Line 68+65E, 19+95N	522538E	5400800N	OC1B	3x2x1	Quartz Vein- Approximately 15 metres from OC1 on the southeast side, several 2-3cm white quartz veins in felsic flow	**QV**	No Sample			
21-Jul	AR/BB	Line 69+25E, 20+00N	522591E	5400806N	OC2	3x2x1	Felsic Flow- fine, dark grey, massive, 5% blue quartz eyes	**3a**	No Sample			
21-Jul	AR/BB	Line 69+50E, 20+00N	522615E	5400779N	OC3	5x4x1.5	Felsic Flow- fine grained, grey, massive, felsic flow with small pit, 1% pyrite, weak shear with >5% biotite alteration and trace pyrite	**3b**	279680	522615E/ 5400779N	Same as OC	Yes
21-Jul	AR/BB	Line 69+75N, 20+00N	522652E	5400801N	OC4	20x12x2.5 at 060o	Altered Felsic Flow- fine grained, grey, massive felsic flow with few quartz veins up to 10cm, up to 10% green sericite alteration and 5% blue quartz eyes with 3cm white vein	**3b**	279681	522652E/ 5400801N	Same as OC	Yes
21-Jul	AR/BB	Line 71+00E, 20+00N	522760E	5400803N	OC5	5x4x2	Sheared Felsic Flow- fine, red-grey, sheared felsic flow with fine calcite-ankerite veins, >10% calcite, +/- ankerite alteration	**3b**	279682	522760E/ 5400803N	Same as OC	No
21-Jul	AR/BB	Line 71+20E, 20+00N	522777E	5400813N	OC6	12x8x0.2	Fine Grained Felsic Flow- flat outcrop from PAC trail, fine grained, light grey, massive felsic flow	**3a**	No Sample			
21-Jul	AR/BB	Line 72+50E, 20+00N	522870E	5400810N	OC7	4x4x.5	Felsic Flow- fine grained, light grey, weak to moderate shearing, 2-5% sericite altered felsic flow	**3b**	No Sample			
21-Jul	AR/BB	Line 73+50E, 20+00N	522968E	5400809N	OC8	50x3-4x1	Weakly Sheared Felsic Flow and minor Ankerite-Calcite- fine grained, grey, weakly sheared felsic flow and >5% ankerite +/- calcite, sinuous foliation	**3b**	279683	522968E/ 5400809N	Same as OC	Yes
21-Jul	AR/BB	Line 74+50N, 20+00N	523118E	5400815N	OC9	5x3x1.5 (trench)	Felsic Flow and Quartz Vein- fine grained, reddish tan, massive felsic flow with quartz vein of 16" at 345o and calcite-ankerite	**3a, QV**	279684	523118E/ 5400815N	Same as OC	Yes
21-Jul	AR/BB	Line 74+75N, 20+00N	523206E	5400806N	OC10	4x3x1.5	Altered/Sheared Felsic Flow- fine grained, light grey, sheared felsic flow and >5% sericite and calcite	**3b**	No Sample			
21-Jul	AR/BB	Line 75+75N, 20+00N	523247E	5400804N	OC11	5x4x2	Shear Felsic- fine grained, sheared felsic	**3b**	No Sample			
21-Jul	AR/BB	Line 76E, 17+00N	523271E	5400707N	OC12	10x8x2	Felsic Flow- fine grained, grey, massive, weak shear and fine ankerite and sericite	**3b**	No Sample			
21-Jul	AR/BB	Line 83+75E, 20+00N	524046E	5400805N	OC13/ Pit 1	1.5x1.5x1.5	Altered Felsic Flow- fine grained, red-grey, sheared felsic flow with >10% silica alteration, approximately <5% ankerite-calcite, trace pyrite, +/- 1cm white quartz vein	**3b**	279685	524046E/ 5400685N	Same as OC	Yes
21-Jul	AR/BB	Line 83+30E, 20+00N	524007E	5400803N	Pit 2	1.5x1.5x1.5	Felsic Flow and Quartz Vein- fine grained, grey, massive, quartz vein (up to 5cm), chlorite alteration	**3b, QV**	279686	524007E/ 5400803N	Samples from Dump, same as OC	Yes
21-Jul	AR/BB	Line 83+15E, 20+00N	523985E	5400808N	Pit 3	3x2x2	Altered Felsic Flow- fine grained, grey, altered felsic flow with ankerite-calcite-biotite (>10%) altered and 10% quartz veins	**3b, QV**	279687	523985E/ 5400808N	Same as OC	Yes
21-Jul	AR/BB	Line 82+50E, 20+00N	523911E	5400811N	Pit 4	9x4.5x2	Sheared Felsic Flow- fine grained, grey, sheared felsic flow with quartz vein, >5% sericite alteration, blasted quartz vein	**3b, QV**	279688	523911E/ 5400811N	Same as OC	No
21-Jul	AR/BB	Line 83+00E, 20+00N	523951E	5400810N	OC14	3x2x1	Altered Felsic Flow- medium grained, grey, felsic flow with >10% calcite alteration, +/- 5% sericite	**3b**	No Sample			
21-Jul	AR/BB	Line 84+00E, 20+00N	524000E	5400810N	OC15	8x4x2	Altered Felsic Flow- fine grained, light grey-green, sheared felsic flow with >10% sericite, 5% ankerite and 1% pyrite	**3b**	279689	524000E/ 5400810N	Same as OC	Yes
21-Jul	AR/BB	Line 79+50E, 20+00N	523550E	5400810N	OC16	3x7x1.5	Altered Felsic Flow- similar to OC15 with sericite-ankerite alteration but no sulphides	**3b**	No Sample			
24-Jul	AR/BB	Line 68E, 22+50N	522473E	5401036N	OC1	60x30x3	Felsic Flow- fine to medium grained, grey, massive felsic flow, weak fracture at 082o/vertical, no sulphides, 1-2% white quartz vein parallel to 082o/vertical but discontinuous <5 metres long	**3a**	No Sample			
24-Jul	AR/BB	Line 68E, 20+95N	522472E	5400894N	OC2	20x15x1	Gabbro- fine to medium grained, gabbro, biotite alteration (5%), magnetic (>3% magnetite) gabbro and 2% grey quartz eyes	**7b**	279693	522472E/ 5400894N	Same as OC	Yes
24-Jul	AR/BB	Line 68E, 20+30N	522476E	5400837N	OC3	18x8x2.5 (ledge)	Felsic Flow- fine grained, black, siliceous felsic flow, 5-10% blue and grey quartz eyes, 5% rusty pods (ankerite), weak fracture at 092o/vertical	**3b**	279694	522476E/ 5400837N	Same as OC	Yes
24-Jul	AR/BB	Line 68+78E, 20+00N	522541E	5400810N	OC4	5x3x1	Felsic Flow- fine to medium grained, grey, felsic flow and >3% blue quartz eyes and 20% rafts (0.5cm) of biotite altered unit (basalt?)	**3a, 1a**	No Sample			
24-Jul	AR/BB	Line 68+65E, 20+00N	522637E	5400801N	OC5	3x3x1	Felsic Flow- fine to medium grained, black, felsic flow with 5% blue quartz eyes and 3-5% rusty spots (ankerite?), poorly exposed	**3b**	No Sample			
24-Jul	AR/BB	Line 70E, 20+00N	522667E	5400800N	OC6	60x25x1	Felsic Flow- medium grained, grey, massive, felsic flow, weak fracture at 092o/vertical, 5-10% plagioclase and >5% blue quartz eyes	**3a**	No Sample			
24-Jul	AR/BB	Line 70E, 20+75N	522671E	5400874N	OC7	40x28x2	Felsic Flow- same as OC6, fracture at 072o/vertical	**3a**	No Sample			
24-Jul	AR/BB	Line 70E, 21+02N	522667E	5400915N	OC8	25x10x2	Felsic Flow (and Ankerite and Quartz Vein)- fine grained, grey, massive felsic flow, 5% blue quartz eyes, 3-5% rusty (ankerite) pods, small veinlets (<.5cm) of quartz approximately 1-2% parallel to fractures at 060o/vertical, quartz may have trace pyrite	**3b**	279695	522667E/ 5400915N	Same as OC	Yes
24-Jul	AR/BB	Line 69+92E, 22+30N	522667E	5401073N	OC9	20x12x2.5	Felsic Flow- fine to medium grained, grey, massive felsic flow, siliceous, no visible quartz eyes or sulphides	**3a**	No Sample			
24-Jul	AR/BB	Line 69+95E, 22+60N	522663E	5401088N	OC10	5x4x.5	Felsic Flow- fine to medium grained, grey, massive felsic flow, 2-3% white quartz vein approximately 2-5cm at 080o/vertical (parallel to fracture), 060o/vertical, could not sample quartz vein too flat	**3a**	No Sample			
24-Jul	AR/BB	Line 70E, 22+90N	522662E	5401120N	OC11	30x25x3	Felsic Flow- fine grained, grey, felsic flow with weak to moderate cleavage at 082o/vertical, <1% white quartz vein	**3a**	279696	522662E/ 5401120N	Same as OC	No
24-Jul	AR/BB	Line 70+50E, 22+75N	522715E	5401105N	OC12	30x30x3	Felsic Flow- similar to OC11 but <2% white quartz vein	**3a**	No Sample			
24-Jul	AR/BB	Line 70E, 23+20N	522667E	5401155N	OC13	20x8x.5	Felsic Flow- fine grained, grey, massive felsic flow, almost no fractures or quartz veins	**3a**	No Sample			

24-Jul	AR/BB	Line 68E, 23+45N	522478E	5401130N	OC14	125x20x5	Felsic Flow and Quartz Eyes- fine grained, light grey, siliceous, felsic flow and 1-5% sericite alteration, trace pyrite, strong cleavage at 082o/vertical, moderate fracture at 360o/80oW, 1-2% quartz vein parallel to fracture	**3b**	279697	522478E/ 5401130N	Same as OC	Yes
24-Jul	AR/BB	Line 68E, 22+90N	522476E	5401090N	OC15	8x3x2	Felsic Flow- fine to medium grained, grey, felsic flow with moderate-strong cleavage at 082o/vertical, no quartz vein or sulphides seen	**3a**	No Sample			
24-Jul	AR/BB						EAST SULPHIDE SHOWING					
24-Jul	AR/BB	Line 83+85E, 19+27N	524048E	5400742N	Main OC1	12x18x.2	fine to medium grained, green, chloritic (>5%), calcite (>2-3%) altered dacite (to andesite) with 2-5% pyrite +/- pyrrhotite interstitial and /or along fractures	**2b**			See samples 1482201-1482204	
24-Jul	AR/BB	Line 83+90E, 19+14N	524045E	5400740N	OC2	3x2.5x.1	Dacite- similar to OC1 but can not sample due to flatness	**2b**	No Sample			
24-Jul	AR/BB	Line 83+65E, 19+20N	524029E	5400714N	OC3	6x50x.2	Oxidized Dacite- top half of outcrop is highly oxidized dacite/see OC1, bottom half of outcrop is dacite but unaltered, similar to OC2	**2b**	No Sample			
25-Jul	AR/BB	Line 71+80E, 22+97N	522850E	5401127N	OC1	45x20x2	Felsic Flow- fine to medium grained, grey, weak shear at 082o/vertical, felsic flow with 2% white quartz vein at 050o/vertical (<2cm)	**3b**	279698	522850E/ 5401127N	Same as OC	No
25-Jul	AR/BB	Line 72+10E, 23+35N	522878E	5401164N	OC2	6x3x1	Sheared Gabbro- medium grained, black, >20% biotite-chlorite alteration, sheared at 080o/vertical, moderately magnetic (>3% magnetite), gabbro, 5% calcite	**7f**	279699	522878E/ 5401164N	Same as OC	No
25-Jul	AR/BB	Line 71+50E, 23+50N	522825E	5401162N	OC2B	22x11x3	Sheared Gabbro- same as OC2	**7f**	No Sample			
25-Jul	AR/BB	Line 72E, 23+50N	522869E	5401181N	OC3	45x15x1	Shear Gabbro- same as OC2, medium grained, black, >20% biotite-chlorite-calcite alteration, shear gabbro at 0800/vertical, weak to moderate magnetics	**7f**	No Sample			
25-Jul	AR/BB	Line 72E, 23+70N	522871E	5401197N	OC3B	20x10x.3	Felsic Flow-medium grained, greenish, massive flow with weak chlorite 5%, and 5% chlorite altered basalt clasts up to 20cm (last 10 metres of OC3)	**3b**	No Sample			
25-Jul	AR/BB	Line 72E, 23+85N	522873E	5401209N	OC4	8x4x1	Sheared/Altered Felsic Flow- fine grained, beige and grey, bands due to shearing and weak (10%) silica alteration	**3b**	279700	522873E/ 5401209N	Same as OC	Yes
25-Jul	AR/BB	Line 72E, 24+20N	522862E	5401237N	OC5	12x3x1.5	Felsic Flow- fine grained, black, siliceous, felsic flow, 5% grey quartz eyes, no shearing or silica intro	**3a**	No Sample			
25-Jul	AR/BB	Line 74E, 24+15N	523074E	5401215N	OC6	25x5x.3	Shear Gabbro- fine to medium grained, black, foliated/sheared gabbro with >20% biotite-chlorite-calcite and trace pyrite (rare)	**7f**	No Sample			
25-Jul	AR/BB	Line 74E, 23+90N	523077E	5401195N	OC7	40x20x2	Felsic Flow- medium grained, grey, massive felsic flow and 5% grey quartz eyes, 1% quartz vein (< 2cm) at 082o/vertical	**3a**	No Sample			
25-Jul	AR/BB	Line 74E, 23+77N	523067E	5401178N	OC8	80x35x4	Quartz Vein in Felsic Flow- same as OC7, >6 quartz veins at 4-6" at 064o/vertical (>5%), white bullish quartz veins	**3a, QV**	279701	523067E/ 5401178N	Same as OC	Yes
25-Jul	AR/BB	Line 74E, 23+15N	523071E	5401145N	OC9	30x10x1.5	Altered Felsic Flow- fine grained, grey, siliceous felsic flow with >10% silica alteration, <5% sericite-weak to moderate shearing at 080o/vertical	**3b**	279702	523071E/ 5401145N	Same as OC	Yes
25-Jul	AR/BB	Line 74E, 22+78N	523063E	5401069N	OC10	8x3x1.5	Altered Felsic Flow- same as OC9	**3b**	No Sample			
25-Jul	AR/BB	Line 74E, 22+45N	523066E	5401044N	OC11	9x3x1	Altered/Sheared Felsic Flow- similar to OC9, fine grained, grey, siliceous, >10% silica alteration and <5% sericite alteration, weak to moderate shear at 088o/vertical	**3b**	279703	523066E/ 5401044N	Same as OC	Yes
25-Jul	AR/BB	Line 74E, 21+27N	523054E	5400919N	OC12	35x15x2	Felsic Flow (Rhyolite)- fine grained, dark grey, massive felsic flow with 2-3% rusty patches possible ankerite, up to 5% ankerite especially along fractures	**3b**	279704	523069E/ 5400909N	Same as OC but 5-10% ankerite along fractures	Yes
25-Jul	AR/BB	Line 74E, 20+70N	523069E	5400866N	OC13	18x3x1	Felsic Flow/Rhyolite- same as OC12 but only 1-2% ankerite	**3b**	No Sample			
25-Jul	AR/BB	Line 74E, 20+25N	523061E	5400825N	OC14	10x6x1.5	Altered Felsic Flow- fine grained, light grey, altered felsic flow with >5% ankerite and >5% sericite and 1% pyrite, weak to moderate shear at 076o/vertical	**3b**	279705	523061E/ 5400825N	Same as OC	Yes
25-Jul	AR/BB	Line 74E, 20+00N	523068E	5400808N	OC15	20x15x1.5	Altered Felsic Flow- same as OC14, fine grained, light grey, altered felsic flow, 5% ankerite, 5% sericite and trace pyrite, weak shear at 074o/vertical	**3b**				
25-Jul	AR/BB	Line 73+55E, 20+00N	523010E	5400803N	OC16	15x10x1	Felsic Flow- similar to oc 15					
25-Jul	AR/BB	Line 72E, 20+00N	522875E	5400812N	OC17	30x12x.5	Altered Felsic Flow- fine grained, grey to pink, felsic flow with 5% ankerite-sericite altered, weak shear at 082o	**3b**				
25-Jul	AR/BB	Line 72E, 19+75N	522874E	5400790N	OC18	18x6x1	Sheared/Altered Felsic Flow- similar to OC17, only 5% ankerite-sericite altered, weak shear at 080o/vertical	**3b**	No Sample			
25-Jul	AR/BB	Line 72E, 20+25N	522866E	5400831N	OC19	20x12x1	Felsic Flow- fine grained, dark grey, massive felsic flow, 5% grey quartz eyes, no alteration, fracture at 062o/vertical	**3a**	No Sample			
25-Jul	AR/BB	Line 72E, 20+45N	522877E	5400846N	OC20	30x5x1 (ledge)	Felsic Flow- fine grained, dark grey, felsic flow, 5% dark grey quartz eyes, 1-2% rust/ankerite, good cleavage at 072o/vertical	**3a**	No Sample			
25-Jul	AR/BB	Line 72E, 22+55N	522871E	5401083N	OC21	40x18x2	Altered Felsic Flow- fine grained, grey, altered felsic flow with >5-10% silica alteration and 2% sericite alteration (?)	**3b**	279706	522871E/ 5401083N	Same as OC	Yes
25-Jul	AR/BB	Line 72E, 22+52N	522869E	5401087N	OC22	50x10x2	Altered Felsic Flow- same as OC21	**3b**	No Sample			
25-Jul	AR/BB	Line 80+65E, 20+45N	523864E	5400840N	OC82A	3x1.5x1	Sheared Felsic Flow- fine grained, grey, felsic flow with >5% sericite and >5% ankerite altered and >10% chlorite altered of matrix	**3b**	279707	523864E/ 5400840N	Same as OC	Yes
25-Jul	AR/BB	Line 79+93E, 20+65N	523792E	5400862N	OC82B	5x3x2 at 080o	Sheared Felsic Flow- fine grained, grey to green, highly sheared felsic flow with >10% sericite alteration	**3b**	279708	523792E/ 5400862N	Same as OC	Yes
25-Jul	AR/BB	Line 80E, 23+50N	523800E	5400845N	OC80C	10x5x1	Silica Altered Felsic Flow- fine grained, grey, felsic flow with >10% silica introductions and 5% sericite	**3b**	279709		Same as OC	Yes

25-Jul	AR/BB	Line 79+94E, 20+75N	523793E	5400870N	OC82C	4x2.5x1	Sericite Altered Felsic Flow- fine grained, grey, felsic with 5-10% sericite, weakly sheared	**3b**	279710	523793E/ 5400870N	Same as OC	Yes
25-Jul	AR/BB	Line 80+35E, 23+85N	523838E	5400903N	OC82D	15x5x1.5	Chlorite Gabbro- medium grained, green, chlorite >5% massive with weak shear (.5 metres) and quartz veins up to 8cm	**7f**	No Sample			
25-Jul	AR/BB	Line 82E, 23+65N	523878E	5401229N	OC82E	20x15x3	Felsic Flow- fine grained, grey, massive felsic flow	**3a**	No Sample			
25-Jul	AR/BB	Line 82+20E, 24+70N	523887E	5401321N	OC82F	20x10x2.5	Sericite Altered Felsic Flow- fine to medium grained, grey, sericite alteration (>10%) and 10% blue quartz eyes, trace to 1% pyrite	**3b**	279711	523887E/ 5401321N	Same as OC	Yes
25-Jul	AR/BB	Line 80E, 24+50N	523654E	5401242N	OC80A	20x4x2 at 80o	Altered Felsic Flow- fine grained, light grey, shear felsic flow with 10-20% sericite-calcite alteration	**3b**	279712	523654E/ 5401242N	Same as OC	Yes
25-Jul	AR/BB	Line 80E, 24+00N	523675E	5401196N	OC80B	15x10x1	Felsic Flow- fine grained, dark grey, felsic flow with <5% calcite along fracture	**3a**	No Sample			
25-Jul	AR/BB	Line 80E, 20+25N	523671E	5400828N	OC80D	10x5x1	Shear Felsic Flow- fine grained, light green, >20% sericite-calcite alteration in shear felsic flow	**3b**	279713	523671E/ 5400828N	Same as OC	Yes
25-Jul	AR/BB	Line 80E, 19+70N	523674E	5400775N	OC80E	1x1x1	Altered Felsic Flow- fine grained, dark green, chlorite-ankerite (+20%) felsic with trace pyrite	**3b**	279714	523674E/ 5400775N	Same as OC	Yes
25-Jul	AR/BB	Line 70E, 19+50N	522671E	5400756N	OC70B	20x10x2.5	Altered Felsic Flow- fine grained, grey-green, >10% sericite-ankerite-chlorite altered felsic flow, slightly sheared	**3b**	279715	522671E/ 5400756N	Same as OC	No
25-Jul	AR/BB	Line 70E, 15+90N	522670E	5400395N	OC70C	2x2x.5	Altered Felsic Flow and Pyrite- fine grained, dark green to black, chlorite-biotite-ankerite altered felsic flow and 2% pyrite	**3b**	279716	522670E/	Minimal sample as too sheared	Yes
28-Jul	AR/BB	Line 78E, 24+65N	523468E	5401257N	OC1	25x12x1	Chlorite Altered Felsic Flow- fine to medium grained, green, chloritic (>10%) felsic flow and 5% blue quartz eyes, trace pyrite, >2% white quartz vein (1-3cm) at 080o/vertical	**3b**	279727	523468E/ 5401257N	Same as OC	Yes
28-Jul	AR/BB	Line 78E, 24+50N	523475E	5401246N	OC2	15x5x.5	Chlorite Altered Felsic Flow- same as OC1	**3b**	No Sample			
28-Jul	AR/BB	Line 78E, 24+35N	528474E	5401238N	OC2B	15x4x.5	Chlorite Altered Felsic Flow- same as OC1 and OC2	**3b**	No Sample			
28-Jul	AR/BB	Line 77+97E, 23+85N	523475E	5401183N	OC3	60x20x3	Silica-Carbonate Altered Felsic Flow- fine grained, grey, bleach, felsic flow with >30% silica-carbonate (calcite) alterations, trace pyrite, several 5-10cm white bullish quartz veins but no sulphides are terminate <2 metres (pods?)	**3b**	279728	523475E/ 5401183N	Same as OC	Yes
28-Jul	AR/BB	Line 78+05E, 22+82N	523472E	5401077N	OC4	15x5x1	Silica-Carbonate-Ankerite Altered Felsic Flow- fine grained, grey, "bleached" felsic flow with 10-20% silica-calcite alteration and 2-3% ankerite overprinted	**3b**	279729	523472E/ 5401077N	Same as OC	Yes
28-Jul	AR/BB	Line 78E, 22+28N	523474E	5401043N	OC5	4x2x.5	Altered Felsic Flow- fine grained, dark grey, felsic flow with approximately 10% silica-calcite-ankerite alteration, no sulphides, foliation approximately 082o/vertical, similar OC4 but less altered	**3b**	No Sample			
28-Jul	AR/BB	Line 78E, 21+90N	523477E	5400996N	OC6	6x2x1 (ledge)	Felsic Flow- fine grained, black, felsic flow with 5% black chlorite and trace pyrite	**3a**	No Sample			
28-Jul	AR/BB	Line 76E, 22+05N	523268E	5401044N	OC7	8x4x.5	Silica-Ankerite Altered Felsic Flow- fine grained, light grey, >30% silica, trace calcite and >10% ankerite alteration trace-1% pyrite	**3b**	729730	523268E/ 5401004N	Same as OC	Yes
28-Jul	AR/BB	Line 76E, 21+15N	523265E	5401008N	OC8	75x35x1.5	Sheared Felsic Flow- fine grained, grey, felsic flow with >5% sericite alteration due to weak shear at 080o/vertical	**3b**	No Sample			
28-Jul	AR/BB	Line 76+10E, 22+85N	523275E	5401079N	OC9	30x20x1.5	Shear/Altered Felsic Flow- fine grained, light grey, altered felsic flow with >20% calcite-sericite, +/- silica alteration due to moderate shear at 090o/vertical	**3b**	729731	523275E/ 5401079N	Same as OC	Yes
28-Jul	AR/BB	Line 76E, 23+25N	528271E	5401119N	OC10	12x6x1	Weakly Sheared Felsic Flow- fine to medium grained, grey, weakly shearing at 085o/vertical, felsic flow, <2% sericite due to shearing	**3b**	No Sample			
28-Jul	AR/BB	Line 76E, 23+50N	523268E	5401137N	OC11	90x25x2.5	Felsic Flow- similar to OC10 but little to no shearing, weak fracture at 086o/vertical, several 2-5cm quartz veins at 360o but no sulphides	**3b**	No Sample			
28-Jul	AR/BB	Line 76E, 23+80N	523265E	5401171N	OC12	12x3x2	Andesite/Dacite Altered Felsic Flow- medium grained, black/speckled felsic to intermediate with >10% plagioclase layers and .5cm vein of pyrite (3%), fracture/foliation at 084o/vertical	**3b**	279732	523265E/ 5401171N	Same as OC	Yes
28-Jul	AR/BB	Line 76+08E, 24+15N	523288E	5401206N	OC13	30x35x1	Chlorite/ +/- Biotite Altered Felsic Flow- fine grained, green to black, weak to moderate shearing at 080o/vertical, felsic flow with >10% chlorite-biotite alteration	**3b**	No Sample			
28-Jul	AR/BB	Line 76+07E, 24+73N	523082E	5401270N	OC14	6x3x.5	Sericite-Carbonate Altered Felsic Flow- fine grained, light grey, bleached felsic flow with sericite-calcite, +/- silica alteration (>20%) in shear felsic flow at 086o/vertical	**3b**	279733	523282E/ 5401270N	Same as OC	Yes
28-Jul	AR/BB	Line 76E, 25+25N	523075E	5401320N	OC15	30x25x2	Felsic Flow- fine grained, dark grey, massive felsic flow and 5% grey quartz eyes, poor to no shearing	**3b**	No Sample			
28-Jul	AR/BB	Line 76E, 25+45N	523075E	5401340N	OC16	18x4x1.5	Felsic Flow- fine grained, grey, massive felsic flow, weak fracture at 082o/vertical, no alteration or sulphides	**3b**	No Sample			
28-Jul	AR/BB	Line 76E, 25+93N	523075E	5401390N	OC17	20x10x1.5	Gabbro- medium grained, black, gabbro with >20% hornblende, weakly magnetic to non magnetic, trace to 1% pyrite	**7b**	279734		Same as OC	Yes
28-Jul	AR/BB	Line 78E, 26+45N	523467E	5401420N	OC18	60x12x4 (ledge)	Felsic Flow- fine grained, grey, felsic flow, weak shearing at 084o/vertical	**3a**	No Sample			
28-Jul	AR/BB	Line 78E, 26+50N	523467E	5401425N	OC18B	5x2x1	Sheared Gabbro- fine grained, black, chlorite-biotite alteration (>30%), sheared gabbro	**7f**	279723	523467E/ 5401425N	Same as OC	No
28-Jul	AR/BB	Line 78E, 26+20N	523469E	5401407N	OC19	12x5x1	Hornblende Gabbro- medium grained, dark green to black, gabbro with 20% hornblende phenocrysts and 5% chlorite alteration of matrix (+ minor calcite)	**7b**	No Sample			
28-Jul	AR/BB	Line 78E, 25+85N	523469E	5401386N	OC20	65x20x3	Felsic Flow- fine grained, grey, weakly sheared at 084o/vertical, trace pyrite, little to no alteration or sulphides	**3a**	No Sample			
28-Jul	AR/BB	Line 78E, 25+45N	523478E	5401333N	OC21	22x8x1	Felsic Flow- same as OC20	**3a**	No Sample			

28-Jul	AR/BB	Line 84E, 20+00N	524058E	5400809N	OC84A	3x1.5x.5 at 090o	Weakly Sheared Felsic Flow- fine grained, grey, weakly sheared felsic flow and quartz flooded and sericite and trace pyrite (<.5%), no quartz eyes, minor quartz vein (<1cm)	**3b**	279717	524058E/ 5400809N	Same as OC	Yes
28-Jul	AR/BB	Line 84E, 20+15N	524056E	5400822N	OC84B	4x1.5x1	Weakly Sheared Felsic Flow- fine grained, grey, sheared felsic flow and minor quartz-ankerite, weakly sheared at east to west, >5% ankerite alteration and 1% pyrite	**3b**	279724	524056E/ 5400822N	Same as OC	No
28-Jul	AR/BB	Line 84E, 20+70N	524058E	5400872N	OC84C	25x20x2.5 at 090o	Sheared Felsic Flow- fine grained, grey, shear felsic flow with ankerite-calcite, trace pyrite, >20% chlorite-calcite +/- ankerite alteration in shear and trace pyrite	**3b**	279718	524059E/ 5400865N	Same as OC	Yes
28-Jul	AR/BB	Line 84E, 21+55N	524063E	5400959N	OC84D	15x4x1	Gabbro- medium grained, grey, weakly sheared gabbro and calcite alteration and fine pyrite, magnetic, >20% biotite-chlorite alteration within shear and 5% calcite	**7b**	279719	524067E/ 5400961N	Same as OC	Yes
28-Jul	AR/BB	Line 84E, 22+15N	542056E	5401009N	OC84E	10x25x2.5 at 070o	Altered Felsic Flow- fine grained, grey, sheared with calcite-ankerite alteration 1% pyrite, over 5% ankerite-calcite-sericite altered	**3b**	279725	542056E/ 5401009N	Same as OC	Yes
28-Jul	AR/BB	Line 84E, 23+00N	524071E	5401118N	OC84F	40x15x2.5	Sheared Felsic Flow- fine grained, grey, shear felsic flow and ankerite-calcite altered and 1% pyrite and 5% grey quartz eyes	**3b**	279720	524071E/ 5401118N	Same as OC	Yes
28-Jul	AR/BB	Line 84E, 24+75N	542004E	5401274N	OC84G	30x10x2	Felsic Flow- fine grained, grey, massive, fine calcite alteration, in felsic flow	**3a**	No Sample			
28-Jul	AR/BB	Line 84E, 25+85N	542005E	5401385N	OC84H	25x40x2	Felsic Flow- fine grained, grey, massive felsic flow and small quartz vein	**3a**	No Sample			
28-Jul	AR/BB	Line 84E, 28+00N	524043E	5401598N	OC84I	15x3x1.5	Felsic Flow- fine grained, grey, felsic, sheared with calcite	**3b**	No Sample			
28-Jul	AR/BB	Line 84E, 28+50N	524045E	5401645N	OC84J	3x1x1	Felsic Flow- same as OC84I	**3b**	No Sample			
28-Jul	AR/BB	Line 82E, 27+15N (posts)	523870E	5401545N	OC82A	30x10x2	Felsic Flow- fine grained, beige, felsic flow	**3a**	No Sample			
28-Jul	AR/BB	Line 82E, 27+05N	523869E	5401516N	OC82B	5x2x1	Shear Felsic Flow- fine grained, grey, sheared felsic flow and 20% grey quartz eyes, fine quartz vein, trace calcite, >10% sericite-calcite	**3b**	279721	523869E/ 5401516N	Same as OC	No
28-Jul	AR/BB	Line 82E, 25+25N	523869E	5401335N	OC82C	40x15x3	Shear Felsic Flow- fine grained, grey, massive felsic flow with blue and grey quartz eyes, minor calcite veins, 5% sericite alteration in shear	**3b**	No Sample			
28-Jul	AR/BB	Line 82E, 25+18N	523871E	5401329N	OC82D	40x15x2.5	Gabbro- fine grained, grey-green, gabbro, magnetic and quartz vein at 325o and 035o (<5cm), >10% biotite-chlorite shearing and 1% pyrrhotite	**7f**	279722	523871E/ 5401329N	Same as OC	Yes
28-Jul	AR/BB	Line 81+94E, 25+05N	523878E	5401325N	OC82E	20x5x1.5	Felsic- (other side of OC82D), fine grained, grey-green, felsic flow, and 30% quartz eyes and ankerite, >10% sericite-calcite shearing	**7b**	No Sample			
28-Jul	AR/BB	Line 80E, 25+25N	523676E	5401334N	OC80A	20x15x2.5	Felsic Flow/Sericite Schist- fine grained, grey, sheared and chlorite and quartz vein and calcite veins, (edge of hydro)	**7b**	279726	523676E/ 5401334N	Same as OC	Yes
28-Jul	AR/BB	Line 80E, 26+00N	523675E	5401407N	OC80C	15x4x2	Weakly Altered Felsic Flow- fine grained, grey, felsic flow, >10% silica, +/- calcite altered felsic flow	**7b**	No Sample			
28-Jul	AR/BB	Line 80+35E, 6+60N	523671E	5401470N	OC80D	25x5x2	Altered Felsic Flow- fine grained, beige, massive felsic flow and >5% fine calcite alteration	**7b**	No Sample			
29-Jul	AR/BB	Line 40E, 11+75N	520695E	5398857N	OC40A	40x10x1	Felsic Intrusive/Granite- fine grained, grey, altered, felsic, several clasts of chloritic flow	**12a**	279735	520695E/ 5398857N	Same as OC	No
29-Jul	AR/BB	Line 40E, 11+75N	520677E	5398835N	OC40A (2)	40x10x1	Grey Granite- coarse grained, beige, massive, possible sericite and shear, 050o quartz vein, (location at 020o)	**12a**	279736	520677E/ 5398835N	Same as OC	Yes
29-Jul	AR/BB	Line 40E, 11+50N	520706E	5398831N	OC40B	5x2x1	Altered Felsic Flow- fine grained, dark grey, felsic flow with chlorite-ankerite-silica-sericite alteration	**3b**	279737	520706E/ 5398831N	Same as OC	Yes
29-Jul	AR/BB	Line 40+35E, 11+10N	520706E	5398831N	OCCL1	15x8x2	Shear Felsic Flow- fine grained, dark grey, felsic, quartz-calcite, grey quartz eyes and silica alteration, >5-10% sericite-calcite alteration in felsic flow	**3b**	279739	520706E/ 5398831N	Same as OC	Yes
29-Jul	AR/BB	Line 40+65E, 10+75N	520800E	5398790N	OCCL2	40x15x3 at 038o	Felsic Flow- medium grained, grey, massive felsic flow and 5% grey quartz eyes	**3a**	No Sample			
29-Jul	AR/BB	Line 41+90E, 10+75N	521140E	5398800N	OCCL4	30x12x2.5 at 040o	Felsic Flow- fine grained, black, felsic flow with fine calcite-sericite	**7b**	No Sample			
29-Jul	AR/BB	Line 41+70E, 10+75N	521128E	5398800N	OCCL3	1x1x.5	Felsic Flow- same as OCCL4	**7b**	No Sample		Line 41+90E, 10+75N	
29-Jul	AR/BB	Line 42E, 10+75N	520958E	5398803N	OCC:5	25x10x2.5	Altered Felsic Flow- medium grained, dark grey altered felsic flow and silica-chlorite- +/- biotite	**7b**	279740	520958E/ 5398803N	Same as OC	Yes
29-Jul	AR/BB	Line 66E, 27+00N	522264E	5401504N	OC1	15x5x2	Chlorite Basalt- fine grained, grey-green, massive, fine calcite veins, weakly chloritic basalt	**1a**	No Sample			
29-Jul	AR/BB	Line 66E, 27+25N	522263E	5401531N	OC2	20x3x2 at 090o	Granite Dikes in Chlorite Basalt- fine grained, grey-green, felsic (?), trace pyrite	**1a, 12a**	279738	522263E/ 5401531N	Same as OC	No
29-Jul	AR/BB	Line 66E, 27+50N	522266E	5401559N	OC3A	15x10x1.5	Chlorite Rhyolite/Felsic Flow- fine grained, grey-green, minor biotite-calcite and grey quartz eyes	**3b**	279741	522266E/ 5401559N	Same as OC	Yes
29-Jul	AR/BB	Line 66+40E, 29+60N	522275E	5401609N	OC4	30x15x2-5	Chlorite Rhyolite/ Felsic Flow- fine grained, green, >10% chlorite and 10% calcite altered felsic flow/rhyolite	**3b**	279742	522275E/ 5401609N	Same as OC	Yes
30-Jul	AR/BB	Line 68E, 31+07N	522475E	5401916N	OC68A	90x25x2	Shear (Calcite Altered) Basalt- fine grained, greenish-grey, shear basalt with >20% calcite alteration, shearing at 086o/vertical, no sulphides	**1b**	279744	522475E/ 5401916N	Same as OC	Yes
30-Jul	AR/BB	Line 68E, 31+65N	522471E	5401985N	OC68B	6x4x1	Silica-Chlorite Altered Felsic Flow- fine to medium grained, green-grey, felsic flow with 5% chlorite alteration then overprint by 5-10% silica	**3b**	279745	522471E/ 5401985N	Same as OC	Yes
30-Jul	AR/BB	Line 68E, 33+78N	522471E	5402192N	OC68C	105x30x8	Felsic Flow- medium grained, dark grey, felsic flow with 5% grey quartz eyes and 5% chlorite alteration of matrix	**3b**	No Sample			

30-Jul	AR/BB	Line 69+10E, 35+50N	522588E	5402381N	OC68D	16x10x1.5	Chlorite Basalt- fine grained, dark green, weakly chloritic (5%) basalt at 100o	**1a**	No Sample			
30-Jul	AR/BB	Line 69+65E, 35+45N	522635E	5402376N	OC68E	8x6x.5	(Meta) Basalt- fine grained, black, "cooked" basalt/amphibolite approximately mostly fine hornblende +/- chlorite matrix and <10% plagioclase	**1a**	No Sample			
30-Jul	AR/BB	Line 66E, 32+15N	522280E	5402022N	OC66A	12x5x1.5 at 090o	Shear Basalt- fine grained, grey, sheared	**1b**	No Sample			
30-Jul	AR/BB	Line 66E, 32+75N	522277E	5402068N	OC66B	10x10x1.5	Shear Basalt- fine grained, grey, shear, basalt	**1b**	No Sample			
30-Jul	AR/BB	Line 66E, 33+50N	522282E	5402153N	OC66C	4x2x1.5	Chlorite Altered Granite Dike- medium grained, grey, granite dike at 090o and 1% pyrite, 5% chlorite alteration	**12a**	No Sample			
30-Jul	AR/BB	Line 66E, 33+70N	522279E	5402172N	OC66D	15x6x2	Altered Felsic Flow- fine grained, grey, sheared felsic flow, >5% sericite altered felsic flow and trace-1% fine pyrite	**3b**	279746	522279E/ 5402172N	Same as OC	Yes
30-Jul	AR/BB	Line 66E, 33+90N	522279E	5402192N	OC66E	10x2x1	Altered Felsic Flow- fine grained, dark grey, sheared and biotite and fine quartz in felsic flow, >10% fine biotite-chlorite alteration in shear felsic flow	**3b**	No Sample			
30-Jul	AR/BB	Line 66+05E, 35+50N	522275E	5402262N	Trench	6x1.2x1.2	Overburden only					
30-Jul	AR/BB	Line 66E, 34+00N	522273E	5402202N	OC66F	12x10x2	Chlorite-Biotite Altered Basalt- fine grained, black, >20% biotite-chlorite altered basalt, heavy (?), sulphides (?)	**1b**	279747	522273E/ 5402202N	Same as OC	Yes
30-Jul	AR/BB	Line 66+65E, 35+30N	522111E	5402371N	Old Claim Line	5x3x2.5	White Granite- see OCCLA (162m west), medium to coarse grained, white, bleached granite, same location as old claim line	**12a**	No Sample			
30-Jul	AR/BB	Line 64+10E, 35+80N	522051E	5402365N	OC64A	25x3x2	Altered Felsic Flow- fine grained, grey, shear, ankerite-calcite-biotite alteration	**3b**	No Sample			
30-Jul	AR/BB	Line 64E, 31+75N	522049E	5401944N	OC64B	5x2x2.5	Chlorite Gabbro- medium grained, dark grey, gabbro with >10% chlorite alteration	**7b**	279748	522049E/ 5401944N	Same as OC	No
30-Jul	AR/BB	Line 69+00E, 28+80N	522520E	5401598N	OC70/68A	35x15x4	Altered Felsic- fine grained, grey-green, sheared felsic flow and epidote-calcite alteration	**3b**	279749 (east)	522580E/ 5401598N	Same as OC	No
30-Jul	AR/BB	Line 68+70E, 28+80N	522490E	5401600N	OC70/68B		Foliated/Chlorite Basalt- fine grained, green, foliated basalt, >20% chlorite, 5% calcite, same as OC70/68A but west end	**1c**	No Sample			
30-Jul	AR/BB	Line 68+75E, 29+00N	522496E	5401578N	OC70/68C	5x2x1 at 120o	Shear Gabbro/Shear Basalt- fine grained, dark grey with >10% chlorite-biotite sheared basalt/gabbro and 1% pyrite	**7f**	279750	522496E/ 5401578N	Same as OC	No
30-Jul	AR/BB	Line 68E, 27+45N	522446E	5401544N	OC68A	60x12x4	Felsic Flow and Quartz Flood- fine grained, grey, felsic flow with chlorite-calcite and quartz vein, >5% silicification and >10% quartz veining	**3b, QV**	279751	522446E/ 5401544N	Same as OC	Yes
30-Jul	AR/BB	Line 68E, 28+30N	522473E	5401653N	OC68B	30x10x4	Altered Felsic Flow- medium grained, grey-green, massive felsic flow with biotite and some calcite, >20% chlorite-biotite alteration of matrix	**3b**	279752	522473E/ 5401653N	Same as OC	Yes
30-Jul	AR/BB	Line 68E, 28+75N	522471E	5401713N	OC68C	20x30x4	Felsic Flow- fine grained, light grey, massive, rhyolite	**3b**	No Sample			
30-Jul	AR/BB	Line 68E, 29+25N	522466E	5401747N	OC68D	50x15x2 at 090o	Altered Felsic Flow- fine grained, light grey, massive, weak calcite 5%, quartz blobs throughout	**3b**	No Sample			
30-Jul	AR/BB	Line 68E, 30+35N	522465E	5401847N	OC68E	3x2x1	Felsic Flow- <5% biotite, +/- chlorite alteration of felsic flow	**3b**	No Sample			
31-Jul	AR/BB	Line 72E, 27+18N	522875E	5401524N	OC72A	240x30x6	Altered Felsic Flow- medium grained, grey-brown, altered felsic flow with >10% biotite-sericite alteration (shear) and 5% quartz-carbonate veins at 084o/vertical	**3b**	279753	522875E/ 5401524N	Same as OC	Yes
31-Jul	AR/BB	Line 67+25E, 27+20N	522412E	5401444N	OC66A	155x25x3	Weakly Altered Felsic Flow- fine to medium grained, green-grey, felsic flow with 5% blue quartz eyes and 5% biotite-calcite alteration, no sulphides, weak fracture at 065o/vertical, >1% white quartz vein (<3cm) but not traceable over 3 metres	**3b**	279754	522412E/ 5401444N	Same as OC	Yes
31-Jul	AR/BB	Line 73+80E, 27+20N	523055E	5401545N	OC72A	240x30x6	Altered Felsic Flow- continues from Line 72E, same as previous OC72A, >10% mica altered felsic flow	**3b**	No Sample			
31-Jul	AR/BB	Line 78E, 29+95N	523464E	5401662N	OC78A	85x30x3	Altered Hornblende Gabbro- medium grained, green, chloritized (>15%) hornblende gabbro with 5-10% quartz and calcite overprinting	**7f**	279755	523464E/ 5401662N	Same as OC	No
31-Jul	AR/BB	Line 82E, 34+75N	523655E	5402216N	OC82A	15x5x2	Felsic Tuff- fine grained, grey, massive, felsic flow with fine quartz veins	**3a**	No Sample			
31-Jul	AR/BB	Line 80E, 34+25N	523870E	5402329N	OC80A1	20x4x2 (Large Hill)	Biotite Altered Felsic Flow- medium grained, dark grey, massive, biotite altered	**3b**	279756	523870E/ 5402329N	Same as OC	Yes
31-Jul	AR/BB	Line 80E, 34+00N	533661E	5402186N	OC80A2	20x4x2 (Large Hill)	Weak Biotite Altered Felsic Flow- medium grained, dark grey, massive, felsic flow with 20% quartz eyes and 10% biotite, 5% fine biotite	**3b**	No Sample			
31-Jul	AR/BB	Line 80E, 33+65N	523661E	5402152N	OC80A3	20x4x2 (Large Hill)	Felsic Flow and Quartz-Calcite Vein- fine to medium grained, grey-green, felsic flow and 5% calcite, +/- quartz veins	**3b**	No Sample			
31-Jul	AR/BB	Line 80E, 33+258N	523660E	5402110N	OC80A4	20x4x2 (Large Hill)	Sericite Altered Felsic Flow- fine grained, greenish grey, altered felsic flow and >10-20% sericite, +/- biotite	**3b**	279757	523660E/ 5402110N	Same as OC	Yes
31-Jul	AR/BB	Line 80E, 32+50N	523662E	5402044N	OC80B	10x6x2	Weakly Sheared Basalt- fine grained, grey, weakly sheared, fine biotite	**1b**	No Sample			
31-Jul	AR/BB	Line 80E, 32+00N	523676E	5401999N	OC80C	30x20x2 at 070o	Chlorite-Calcite Altered Basalt- fine grained, grey, shear, basalt and chlorite-calcite alteration	**1b**	279758	523676E/ 5401999N	Same as OC	No
31-Jul	AR/BB	Line 80E, 31+75N	523675E	5401973N	OC80D	30x15x3	Calcite-Chlorite Altered Felsic- similar shearing to OC80C, fine grained, grey-green, weakly sheared, felsic with calcite	**3b**	No Sample			
31-Jul	AR/BB	Line 80E, 31+50N	523671E	5401949N	OC80E	5x2x1	Chlorite Gabbro- fine grained, grey-green, massive, trace-1% pyrite	**7f**	279759	523671E/ 5401949N	Same as OC	Yes

31-Jul	AR/BB	Line 76E, 30+35N	523276E	5401822N	OC76A	20x15x2 at 040o	Recrystallized Veins- fine grained, beige, felsic with quartz-calcite and trace pyrrhotite, recrystallized quartz-calcite rich zone (?)	**3b, QV**	279760	523276E/ 5401822N	Same as OC	Yes
31-Jul	AR/BB	Line 76E, 31+75N	523295E	5401810N	OC76B	20x10x2.5 at 070o	Chlorite Basalt- fine grained, dark grey, weakly sheared and calcite-biotite alteration	**1b**	No Sample			
31-Jul	AR/BB	Line 76E, 31+00N	523268E	5401874N	OC76C	20x15x1.5 at 070o	Altered Felsic Tuff- fine grained, grey-green, sheared and calcite in felsic flow, >5% calcite alteration of felsic tuff	**3b**	279761	523268E/ 5401874N	Same as OC	No
31-Jul	AR/BB	Line 76E, 32+10N	523297E	5401984N	OC76D	20x10x4 at 070o	Altered Gabbro- fine grained, grey-green, massive and biotite-calcite alteration, 20% chlorite-biotite-calcite alteration of outcrop	**7f**	No Sample			
31-Jul	AR/BB	Line 76E, 32+50N	523271E	5402035N	OC76E	50x20x3 at 070o	Altered Felsic Flow- fine grained, grey-green, felsic flow, massive, calcite-quartz, >20% chlorite-calcite, +/- quartz in felsic flow	**3b**	279762	523271E/ 5402035N	Same as OC	Yes
31-Jul	AR/BB	Line 76E, 33+25N	523270E	5402094N	OC76F	25x10x4	Felsic Flow- fine grained, grey, massive, felsic with biotite and quartz	**3a**	No Sample			
31-Jul	AR/BB	Line 78E, 34+50N	523474E	5402191N	OC78A1	600x150x50	Sheared / Altered Felsic Flow- fine grained, grey, massive, >20% biotite-sericite altered, sheared felsic flow	**3b**	279763	523474E/ 5402191N	Same as OC	Yes
31-Jul	AR/BB	Line 78E, 33+15N	523475E	5402143N	OC78A2	600x150x50	Altered Felsic Flow- medium grained, grey-green, >10% chlorite-sericite and 5-10% grey quartz eyes, altered felsic flow, massive	**3b**	279764	523475E/ 5402143N	Same as OC	Yes
31-Jul	AR/BB	Line 78E, 31+75N	523470E	5401916N	OC78C	50x20x1.5 at 068o	Altered Felsic Flow- fine grained, grey-green, weakly sheared, 10% chlorite-sericite altered felsic flow	**3b**	No Sample			
31-Jul	AR/BB	Line 78E, 31+70N	523470E	5401858N	OC78D	3x1.5x1	Felsic Flow- grey, massive, 2% calcite in felsic flow	**3a**	No Sample			
31-Jul	AR/BB	Line 78+25E, 26+30N	523467E	5401822N	OC78E	5x2x2	Altered Felsic Flow- fine grained, grey-green, shear Rhyolite, >10% sericite-calcite altered and shear rhyolite, kink folds	**3b**	279766	523467E/ 5401822N	Same as OC	Yes
31-Jul	AR/BB	Line 78E, 33+25N	523475E	5402153N	OC78A3	7x4x1	Quartz Bearing Foliated Felsic Flow- fine to medium grained, black, strongly foliated and sheared, felsic with 10% biotite and >20% white quartz vein, 2-3% pyrite and pyrrhotite in folded sections	**3b, QV**	279765	523475E/ 5402153N	Same as OC	Yes
1-Aug	AR/BB	Line 80E, 29+25N	523686E	5401749N	OC80A	45x6x2.5	Chlorite-Calcite Altered Gabbro- medium grained, green, >20% chlorite altered gabbro and 10-20% calcite alteration	**7f**	No Sample			
1-Aug	AR/BB	Line 84E, 31+65N	524041E	5401857N	OC84A	25x15x3	Carbonate Basalt- >30% calcite altered basalt and late stage calcite veins, medium grained, light green, 5% chlorite and approximately 30% calcite alteration, no sulphides	**1b**	279794	524041E/ 5401857N	Same as OC	Yes
1-Aug	AR/BB	Line 83+80E, 32+00N	524018E	5401971N	OC84B	20x5x3	Felsic Flow- fine grained, grey, massive, felsic flow/rhyolite, possible weak shear	**3a**	No Sample			
1-Aug	AR/BB	Line 84E, 32+15N	524029E	5402088N	OC84C	3x2x1.5	Weakly Altered Basalt- fine grained, dark green, >10% chlorite-biotite alteration and 5% ankerite and thin quartz vein (<1cm)	**1b**	279795	524029E/ 5402088N	Same as OC	Yes
1-Aug	AR/BB	Line 83+90E, 33+45N	524014E	5402103N	OC84D	>100x35x5 ("huge by large"	Weakly Altered Mafic Tuff- fine grained, dark green, >5% chlorite alteration of mafic tuff (basalt) with >5-10% ankerite alteration along fractures, 1% pyrite interstitial and along fractures	**1b**	279796	524014E/ 5402103N	Same as OC	Yes
1-Aug	AR/BB	Line 84E, 34+50N	524059E	5402223N	OC84E	50x20x5	Shear/Chlorite Gabbro- fine to medium grained, green, chlorite gabbro with >10% chlorite-calcite alteration	**7f**	No Sample			
4-Aug	AR/BB	Line 76+08E, 17+95N	523281E	5400607N	OC76A	40x3x1	Sheared Basalt- fine grained, dark green, basalt with weak shearing at 078o/vertical and 10% chlorite and >5% ankerite alteration and trace pyrite	**1b**	No Sample			
4-Aug	AR/BB	Line 76E, 17+65N	523268E	5400561N	OC76B	8x4x1	Gabbro- fine grained, dark grey to black, massive gabbro, very weakly magnetic	**7a**	No Sample			
4-Aug	AR/BB	Line 76E, 17+52N	523269E	5400351N	OC76C	8x4x.3	Sheared Gabbro- medium grained, grey-black, gabbro with >5-10% calcite shear and trace pyrite, shear at 068o/vertical	**7f**	279767	523269E/ 5400351N	Same as OC	Yes
4-Aug	AR/BB	Line 76E, 15+28N	523270E	5400333N	OC76D	10x5x1	Basalt- fine grained, grey, weakly sheared basalt with no alteration or sulphides, fracture/shear at 076o/vertical	**1a**	No Sample			
4-Aug	AR/BB	Line 76E, 14+90N	523271E	5400286N	OC76E	30x5x.5	Altered Felsic Tuff (?)- fine grained, light green-brown, altered and highly sheared felsic tuff, >10% calcite and 5-10% ankerite, 5% sericite, shearing at 062o/vertical	**3b**	279768	523271E/ 5400286N	Same as OC	Yes
4-Aug	AR/BB	Line 76E, 14+00N	523271E	5400188N	OC76F	60x10x1	Chlorite-Carbonate Altered Gabbro- medium grained, light green, chlorite-carbonate altered gabbro and 1% pyrite, small quartz vein (>3cm) parallel to weak shear at 070o/vertical	**7f**	279769	523271E/ 5400188N	Same as OC	Yes
4-Aug	AR/BB	Line 76E, 12+82N	523273E	5400072N	OC76G	25x10x1.5	Basalt- fine grained, black, massive basalt, 2-3% fine biotite due to weak fracture at 074o/vertical	**1a**	No Sample			
4-Aug	AR/BB	Line 76E, 12+10N	523278E	5400008N	OC76H	6x3x1	Altered Felsic Flow- medium grained, light green, felsic flow with >5% sericite alteration, 2-3% ankerite alteration and trace pyrite, weak to moderate shearing at 080o/vertical	**3b**	279770	523278E/ 5400008N	Same as OC	Yes
4-Aug	AR/BB	Line 76E, 11+85N	523280E	5400003N	OC76I	40x12x2	Altered Felsic Flow- medium grained, light green, felsic flow with >5% sericite, 2-3% ankerite and rare pyrite, similar to OC76H	**3b**	No Sample			
4-Aug	AR/BB	Line 76E, 11+70N	523283E	5399967N	OC76J	40x7x1	Altered Felsic Flow- same as OC76H and OC76I, weak to moderate shear at 070o/vertical	**3b**	No Sample			
4-Aug	AR/BB	Line 76E, 11+35N	523282E	5399936N	OC76K	130x20x 6	Altered Felsic Flow- same as OC76H-OC76J	**3b**	No Sample			
4-Aug	AR/BB	Line 76E, 10+25N	523276E	5399838N	OC76L	7x3x1.5	Hybrid Basalt/Gabbro- coarse grained, white, levcogabbro and 20% basalt xenoliths, could not sample due to wasps.	**7c,1b**	No Sample			
4-Aug	AR/BB	Line 78E, 11+90N	523470E	5399975N	OC78A	9x2x1	Altered Felsic Flow/Tuff- medium grained, grey-green, felsic flow with 20% grey quartz eyes and 5-10% sericite-biotite alteration of matrix, moderate shear at 076o/vertical	**3b**	279771	523740E/ 5399975N	Same as OC	Yes
4-Aug	AR/BB	Line 78E, 13+15N	523464E	5400011N	OC78B	20x10x1	Altered Felsic Flow- same as OC78A	**3b**	No Sample			

4-Aug	AR/BB	Line 78E, 13+40N	523469E	5400037N	OC78C	20x10x1	Altered Felsic Flow- same as OC78A	**3b**	No Sample				
4-Aug	AR/BB	Line 78E, 12+70N	523472E	5400051N	OC78D	30x18x1.5	Altered Felsic Flow- medium grained, grey-green, felsic flow with <3% ankerite altered and 5-10% grey quartz eyes, weak shear/fracture at 078o/vertical	**3b**	No Sample				
4-Aug	AR/BB	Line 78E, 13+30N	523471E	5400120N	OC78E	60x40x2	Basalt- fine grained, grey, massive basalt and weak fracture at 080o/vertical, no alteration or sulphides	**1a**	No Sample				
4-Aug	AR/BB	Line 78E, 14+00N	523474E	5400193N	OC78F	30x15x1	Altered Felsic Flow- fine grained, greenish-grey, felsic flow with 5-10% grey quartz eyes and 5% sericite and 5% ankerite alteration and trace pyrite , weak to moderate shear at 074o/vertical	**3b**	279772	523474E/ 5400193N	Same as OC		Yes
4-Aug	AR/BB	Line 78E, 14+40N	523462E	5400234N	OC78F (2)	20x5x3 (ledge)	Gabbro- fine to medium grained, black, massive, unaltered gabbro with weak to moderate magnetism	**7b**	No Sample				
4-Aug	AR/BB	Line 78+55E, 11+60N	523475E	5400276N	OC78G	4x2x.5	Altered Felsic Flow- fine to medium grained, dark green, >10% chlorite altered, felsic flow and 5% grey quartz eyes, 1-2% ankerite alteration, no sulphides, weak shearing at 070o/vertical	**3b**	No Sample				
4-Aug	AR/BB	Line 77+90E, 15+45N	523450E	5400335N	OC78H	10x6x.3	Basalt- fine grained, grey, massive basalt, no alteration or sulphides, weak shear or fracture at 070o/vertical	**1a**	No Sample				
4-Aug	AR/BB	Line 78E, 15+90N	523471E	5400372N	OC78I	35x10x1	Altered Felsic Flow- fine grained, altered felsic flow, 10% chlorite-ankerite altered, 5% grey quartz eyes and trace pyrite, weak to moderate shearing at 074o/vertical	**3b**	279773	523471E/ 5400372N	Same as OC		Yes
4-Aug	AR/BB	Line 77+92E, 16+15N	523466E	5400407N	OC78J	6x10x1	Basalt- fine grained, black, massive basalt, 10% biotite from local shearing	**1b**	No Sample				
4-Aug	AR/BB	Line 78E, 16+50N	523474E	5400445N	OC78K	25x20x.5	Basalt- same as OC78J	**1b**	No Sample				
4-Aug	AR/BB	Line 78E, 17+28N	523474E	5400525N	OC78L	20x15x2.5	Gabbro- medium grained, dark grey, gabbro with 10% calcite alteration along fractures	**7a**	No Sample				
4-Aug	AR/BB	Line 78E, 17+65N	523473E	5400551N	OC78M	20x10x1	Altered Felsic Flow- fine grained, grey-greenish, altered felsic flow and 5% sericite and 5% ankerite alteration and trace pyrite	**3b**	No Sample				
4-Aug	AR/BB	Line 78E, 18+40N	523470E	5400625N	OC78N	20x3x1 (ledge)	Altered Felsic Flow- same as OC78M, felsic flow and 3% sericite, 3% ankerite and trace pyrite	**3b**	No Sample				
4-Aug	AR/BB	Line 73+70E, 11+55N	523003E	5399922N	OC1	7x2x.5	Altered Felsic Flow- fine grained, grey, sheared with 2cm quartz and 5% ankerite and 5% sericite, shearing approximately 070o/vertical	**3b**	279774	523003E/ 5399922N	Same as OC		Yes
4-Aug	AR/BB	Line 72E, 10+50N	522869E	5399868N	OC2	10x25x3	Gabbro- medium grained, grey, massive gabbro, weakly magnetic	**7b**	No Sample				
4-Aug	AR/BB	Line 72E, 11+00N	522870E	5399920N	OC3	25x3x1	Granite- medium grained, grey, granite and quartz vein	**12, QV**	279775	522870E/ 5399920N	Same as OC		No
4-Aug	AR/BB	Line 72E, 11+10N	522862E	5400010N	OC4	4x1.5x1.5	Sericite Altered Felsic- fine grained, grey, sheared felsic and sericite-biotite alteration and grey quartz eyes	**3b**	279776	522862E/ 5400010N	Same as OC		No
4-Aug	AR/BB	Line 72E, 12+00N	522862E	5400020N	OC5	5x10x.5	Gabbro- fine grained, grey-green, massive to weak shearing	**7a**	No Sample				
4-Aug	AR/BB	Line 72E, 12+75N	522864E	5400103N	OC6	4x2x1	Gabbro- fine grained, grey-green, massive gabbro and biotite alteration and quartz vein	**7a**	No Sample				
4-Aug	AR/BB	Line 72E, 13+50N	522863E	5400172N	OC7	15x5x1	Altered Basalt- fine grained, grey-green, with shearing at 050o and sericite and quartz vein to 2cm, >20% chlorite-ankerite alteration basalt and rare pyrite	**1b**	279777	522863E/ 5400172N	Same as OC		Yes
4-Aug	AR/BB	Line 72E, 13+90N	522868E	5400215N	OC8	5x2x1	Gabbro- fine grained, grey-green, massive gabbro, <5% chlorite alteration	**7a**	No Sample				
4-Aug	AR/BB	Line 72E, 14+85N	522864E	5400304N	OC9	25x15x4	Carbonate Altered Basalt- fine grained, grey, sheared, basalt, >10% calcite altered basalt	**1b**	No Sample				
4-Aug	AR/BB	Line 72+35E, 14+83N	522923E	5400282N	OC10	4x5x1	Altered Gabbro- >20% chlorite-calcite altered gabbro	**7f**	No Sample				
4-Aug	AR/BB	Line 74E, 15+15N	523069E	5400314N	OC11	5x2x2	Shear Felsic Flow- fine grained, grey, sheared felsic flow and calcite-sericite and quartz vein, >10% sericite-calcite-ankerite altered shear felsic flow	**3b**	No Sample				
4-Aug	AR/BB	Line 74E, 14+20N	523060E	5400221N	OC12	25x5x2	Altered Felsic Flow- medium grained, grey, sheared felsic flow, calcite-sericite and trace pyrite	**3b**	279778	523060E/ 5400221N	Same as OC		Yes
4-Aug	AR/BB	Line 74E, 13+75N	523069E	5400181N	OC13	15x8x3	Altered Felsic Flow- fine grained, grey, sheared felsic and sericite-calcite and quartz eyes, similar to OC12, >20% sericite-chlorite-calcite alteration	**3b**	No Sample				
4-Aug	AR/BB	Line 74E, 13+25N	523067E	5400138N	OC14	40x25x4	Gabbro- fine grained, grey-green, massive, gabbro and 5% biotite, trace-1% pyrite	**7a**	279779	523067E/ 5400138N	Same as OC		Yes
4-Aug	AR/BB	Line 72E, 10+25N	522860E	5399842N	OCA	25x20x3	Coarse Grained Gabbro- medium to coarse grained, grey, massive, gabbro	**7c**	No Sample				
4-Aug	AR/BB	Line 74E, 9+50N	523063E	5399771N	OCB	25x40x4	Pegmatoidal Gabbro- coarse grained, black, massive and epidote-biotite, trace pyrite	**7d**	279780	523063E/ 5399771N	Same as OC		Yes
4-Aug	AR/BB	Line 74E, 10+00N	523063E	5399816N	OCC	3x2x1	Gabbro- fine grained, grey-green, massive gabbro and biotite-sericite	**7f**	No Sample				
4-Aug	AR/BB	Line 74E, 10+35N	523068E	5399846N	OCD	10x4x2	Chlorite Gabbro- medium grained, grey, massive gabbro and sericite-calcite, medium grained ,green chlorite gabbro	**7f**	No Sample				
4-Aug	AR/BB	Line 74E, 10+75N	523067E	5399885N	OCE	20x10x3	Gabbro- fine grained, grey, massive gabbro and quartz vein and trace pyrite	**7a, QV**	No Sample				
4-Aug	AR/BB	Line 74E, 11+10N	523060E	5399924N	OCF	10x5x1	Altered Felsic Flow- fine grained, grey, sheared felsic flow and calcite-sericite	**3b**	No Sample				

5-Aug	AR/BB	Line 82E, 19+30N	523862E	5400734N	OC82A	30x70x1	Altered Rhyolite-Dacite- fine to medium grained, grey, sheared dacite (to rhyolite) with 2-5% grey quartz eyes and 5% sericite alteration and 5% ankerite alteration and trace-1% pyrite, shearing (moderate to strong) at 062o/80oN	**3b, 2b**	279781	523862E/ 5400734N	Same as OC	Yes
5-Aug	AR/BB	Line 82E, 18+93N	523866E	5400700N	OC82B	30x15x1	Altered Basalt- fine grained, dark grey, altered with >10% chlorite-calcite, +/- weak silica (>5%), possible garnet to ankerite (3%), trace pyrite	**1b**	279782	523866E/ 5400700N	Same as OC	Yes
5-Aug	AR/BB	Line 81+90E, 18+65N	523847E	5400655N	OC82C1	2-3 metre wide dike at 085o	Gabbro Dike- medium grained, black, moderately magnetic gabbro >20 metre length (north end of outcrop)	**7b**	No Sample			
5-Aug	AR/BB	Line 81+90E, 18+45N	523847E	5400637N	OC82C2	55x20x1	Altered Dacite/Felsic Flow- similar to OC82A, fine grained, light grey, felsic tuff (rhyolite to dacite) with 2-5% grey quartz eyes and >10% sericite-ankerite alteration and possible garnet, trace pyrite, fracturing at 062o/vertical	**3b, 2b**	279783	523847E/ 5400637N	Same as OC	Yes
5-Aug	AR/BB	Line 82E, 18+15N	523865E	5400618N	OC82D	15x12x1	Altered Dacite/Felsic Flow- similar to OC82C2, no good exposure as heavy moss and soil cover, >15cm	**3b, 2b**	No Sample			
5-Aug	AR/BB	Line 82E, 17+95N	523868E	5400612N	OC82E	6x3x1 (ledge)	Altered Dacite/Felsic Flow- same as OC82C2	**3b, 2b**	No Sample			
5-Aug	AR/BB	Line 82E, 17+85N	523868E	5400601N	OC82F	20x.5x1	Chlorite Basalt- fine grained, dark green, >10% chlorite altered basalt, rare quartz veins (<2cm) at 078o/vertical	**1b**	No Sample			
5-Aug	AR/BB	Line 82E, 17+52N	523874E	5400556N	OC82G	15x6x1	Altered Felsic Flow/Dacite- medium grained, green-grey, altered unit (felsic flow) with >10% chlorite-calcite, +/- 5% silica altered felsic flow	**3b, 2b**	279784	523874E/ 5400556N	Same as OC	Yes
5-Aug	AR/BB	Line 82E, 17+05N	523865E	5400508N	OC82H	30x15x1	Altered Felsic Flow/Dacite- same as OC82G but less altered, medium grained, green-grey, felsic flow with 5-10% chlorite-calcite, +/- 2% silica alteration	**3b, 2b**	No Sample			
5-Aug	AR/BB	Line 82E, 16+25N	523869E	5400430N	OC82I	40x30x2	Sheared Chlorite Basalt- fine grained, green, >10% chlorite-calcite altered basalt with weak to moderate shearing at 280o/vertical	**1b**	No Sample			
5-Aug	AR/BB	Line 82E, 15+90N	523868E	5400402N	OC82J	4x3x.5	Chlorite Basalt- same as OC82I	**1b**	No Sample			
5-Aug	AR/BB	Line 85E, 15+60N	523868E	5400372N	OC82K	20x12x1	Chlorite Basalt- same as OC82I, moderate to highly sheared at 060o/vertical, >10% chlorite, +/- ankerite alteration, sheared basalt	**1b**	No Sample			
5-Aug	AR/BB	Line 82E, 15+45N	523868E	5400350N	OC82L	20x15x1	Chlorite Basalt- same as OC82I	**1b**	No Sample			
5-Aug	AR/BB	Line 82E, 15+40N	523868E	5400343N	OC82M	3x2x.5	Gabbro and Quartz Vein- medium grained, green, weak chlorite (<5%) gabbro with 5-10cm quartz veins at contact to basalt at 090o/vertical	**7f, QV**	No Sample			
5-Aug	AR/BB	Line 84E, 16+45N	524042E	5400437N	OC84A	30x7x1.5	Altered Felsic Flow/Dacite- fine grained, light grey, sheared felsic flow with 10% sericite-calcite-ankerite alteration and trace pyrite	**3b, 2b**	279785	524042E/ 5400437N	Same as OC	Yes
5-Aug	AR/BB	Line 84E, 17+80N	524048E	5400588N	OC84B	12x5x2	Altered Felsic Flow- fine to medium grained, grey to grey-green, altered felsic flow and 5% grey quartz eyes and 20% chlorite-ankerite-calcite along shear	**3b**	279786	524048E/ 5400588N	Same as OC	Yes
5-Aug	AR/BB	Line 84E, 18+05N	524049E	5400605N	OC84C	35x10x.5	Altered Felsic Flow- same as OC84B	**3b**	No Sample			
5-Aug	AR/BB	Line 84E, 18+55N	524061E	5400639N	OC84D	45x15x1	Altered Felsic Flow/Dacite- same as OC84B	**3b**	No Sample			
5-Aug	AR/BB	Line 83+95E, 19+00N	524048E	5400709N	OC84E	3x2x1	Altered Felsic Flow/Dacite- similar OC84B, 5-10% chlorite-calcite-ankerite altered felsic flow/dacite	**3b**	No Sample			
5-Aug	AR/BB	Line 84E, 19+25N	524024E	5400730N	OC84F	30x20x.5	Altered Dacite-fine grained, green, >20% chlorite-ankerite altered dacite and 5% grey quartz eyes and 1-3% pyrite-pyrrhotite	**2b**	1482201-1482204		See highway 11 east sulphides from May 4, 2014 mapping	
5-Aug	AR/BB	Line 53+15E, 19+75N	521386E	5400233N	Trench 3	4x2.5x2 at 060o	Silica-Sericite Altered Felsic Flow- fine grained, off white-tan, bleached felsic with silica-sericite altered felsic flow	**3b**	279787	521386E/ 5400233N	Resampling of Trench 2, 1 metre chip sample along east wall	Yes
5-Aug	AR/BB	Line 53+15E, 19+75N	521386E	5400234N	Trench 3	4x2.5x2 at 060o	Chlorite-Biotite Altered Felsic Flow- fine to medium grained, black felsic flow and 5% blue quartz eyes and 10% chlorite-biotite matrix	**3b**	279788	521386E/ 5400234N	Resampling of Trench 2, .5 metre chip sample along east wall	Yes
5-Aug	AR/BB	Line 53+35E, 19+90N	521323E	5400260N	Trench 4	3.5x3x2 at 070o	Silica Altered Felsic Flow and 5% Pyrite- highly sheared at approximately 070o/vertical, felsic flow and >30% silica alteration/quartz vein and 4-5% pyrite-pyrrhotite and 1% ankerite	**3b**	279789	521323E/ 5400260N	Resampling of Trench 3, 1 metre chip sample on west face	Yes
5-Aug	AR/BB	Line 53+45E, 19+95N	521335E	5400265N	Trench 5	10x2x1.2 at 070o	Quartz Vein from north face	**QV**	279790	521335E/ 5400265N	Resampling of Trench 5, over .5 metre/composite, sampled the quartz vein material from within trench approximately dump sample	Yes
5-Aug	AR/BB	Line 54E, 19+80N	521369E	5400281N	Trench 1	12x2x1.5	Pyrite in Felsic Flow- 2-3% pyrite taken along diagonal away from gabbro,	**3b**	279791	521369E/ 5400281N	Resampling of Trench 1, 1 metre chip along west face, diagonal away from gabbro	Yes
5-Aug	AR/BB	Line 54E, 19+80N	521369E	5400282N	Trench 1	12x2x1.5	Pyrite in Silica Altered Felsic Flow- 10% pyrite in clilca (20%) altered felsic flow	**3b**	279792	521369E/ 5400282N	Resampling of Trench 1, high grade grab same along west face	Yes
5-Aug	AR/BB	Line 79+69E, 8+15N	523646E	5399628N	OC1	5x2x1 at 050o	Chlorite Gabbro and Granite Dike- medium grained, grey, massive, gabbro and sericite-calcite alteration, 3-4cm pink granite dike in chlorite gabbro	**7f, 12a**	No Sample			
5-Aug	AR/BB	Line 80+21E, 8+18N	523696E	5399631N	OC2	3x2x1	Chlorite Gabbro- fine grained, grey-green, massive gabbro and trace pyrite, 10% chlorite altered gabbro and trace-1% pyrite	**7f**	No Sample			
5-Aug	AR/BB	Line 80+35E, 8+19N	523710E	5399632N	OC3	15x15x1.5	Altered Gabbro- medium grained, grey, massive gabbro and quartz vein, >10% chlorite-carbonate altered gabbro	**7f**	No Sample			
5-Aug	AR/BB	Line 80+80E, 11+80N	523682E	5400350N	OC4	3x1x1	Chlorite Gabbro- fine grained, grey-green, massive, weakly magnetic gabbro and trace pyrite	**7a**	No Sample			
5-Aug	AR/BB	Line 80+80E, 12+08N	523681E	5400377N	OC5	15x4x1	Sheared Basalt- fine grained, grey-green, sheared basalt	**1b**	No Sample			

5-Aug	AR/BB	Line 80E, 15+75N	523681E	5400410N	OC6	30x75x3	Altered Felsic Flow- fine grained, grey, sheared felsic flow and sericite-calcite-biotite and trace pyrite, >20% biotite-chlorite-calcite altered felsic flow and trace pyrite	**3b**	279793	523681E/ 5400410N	Same as OC	Yes
5-Aug	AR/BB	Line 80E, 15+85N	523681E	5400420N	OC6B	30x75x3	Sheared Basalt- fine to medium grained, green, >10-20% chlorite alteration, +/- 1-5% calcite basalt (or fine grained gabbro)	**1b**	No Sample			
5-Aug	AR/BB	Line 80E, 17+20N	523681E	5400491N	OC7	20x3x1	Gabbro- fine grained, grey-green, massive gabbro and few quartz veins	**2b**	No Sample			
5-Aug	AR/BB	Line 80E, 17+50N	523674E	5400561N	OC8	40x5x1	Mica Schist- fine grained, grey, biotite-chlorite altered felsic flow	**4b**	No Sample			
5-Aug	AR/BB	Line 80E, 18+40N	523670E	5400641N	OC9	2x3x1	Chlorite Basalt- fine grained, grey, sheared basalt and calcite-biotite	**2b**	No Sample			
14-Aug	AR/BB	Line 54E, 19+80N	521374E	5400285N	Trench 1	12x2x2	West End of Trench 1- medium-coarse grained gabbro (30% plagioclase, 65% pyroxene and 3-5% pyrrhotite + pyrite + chalcopyrite)	**7a**	279801	521374E/ 5400285N	Same as OC	Yes
14-Aug	AR/BB	Line 54E, 19+80N	521374E	5400286N	Trench 1	12x2x2	West End of Trench 1/dump- medium-coarse grained, foliated/lineation of hornblende-chlorite matrix (20%) with >10% blue quartz eyes in felsic, 3% pyrite-sphalerite	**7f**	279802	521374E/ 5400286N	Same as OC	Yes
14-Aug	AR/BB	Line 54+50E, 21+30N	521387E	5400451N	West End of Trench 12	30x2x2	30-40cm wide white to red quartz vein in a sheared basalt	**QV, 1b**	279803	521387E/ 5400451N	Chip sample/composite over 3 metres, quartz vein and 3-5% pyrite and 1% gal	Yes
14-Aug	AR/BB	Line 54+50E, 21+30N	521393E	5400451N	Middle of Trench 12	30x2x2	30-40cm wide white to red quartz vein in a sheared basalt	**QV, 1b**	279804	521393E/ 5400451N	two grabs= 30cm chip, quartz vein with 2-3% pyrite, +/- gal	Yes
14-Aug	AR/BB	Line 54+50E, 21+30N	521391E	5400450N	2 metres East of 279804	30x2x2	30-40cm wide white to red quartz vein in a sheared basalt	**QV, 1b**	279805	521391E/ 5400450N	two grabs= 30cm chip, white quartz vein and >3% pyrite-gal	Yes
14-Aug	AR/BB	Line 54+50E, 21+30N	521393E	5400451N	L-Trench Intersection	30x2x2	L-Trench Intersection- massive yellow quartz 95% and 2% pyrite-chalcopyrite	**QV**	279818	521393E/ 5400451N	Same as OC	Yes
14-Aug	AR/BB	Line 54+50E, 21+30N	521391E	5400450N	L-Trench Intersection	30x2x2	L-Trench Intersection- yellow quartz with 2-3% pyrrhotite and 2-3% chalcopyrite	**QV**	279819	521391E/ 5400450N	Same as OC	Yes
15-Aug	AR/BB	Line 22+10E, 32+85N	518011E	5399520N	OC1	25x6x1	Felsic Flow- fine grained, light grey, rhyolite and 5% biotite along fractures, thin pyrite seams (<.3m) along fractures, possible sph along fractures-brown minerals	**3a**	279806	518011E/ 5399520N	Unaltered Rhyolite- fine grained, black, rhyolite with no sulphides and concidal fractures	Yes
15-Aug	AR/BB	Line 22+15E, 32+88N	518014E	5399523N	OC1B	25x6x1	Felsic Flow- fine grained, light grey, rhyolite and 5% biotite along fractures, thin pyrite seams (<.3m) along fractures, possible sph along fractures-brown minerals	**3b**	279807	518014E/ 5399523N	Altered Rhyolite- fine grained, light grey, silica altered (10-20%) with 4-5% pyrite-sph in altered rhyolite	Yes
15-Aug	AR/BB	Line 22E, 32+65N	518015E	5399495N	OC2	10x3x.5	Gabbro- coarse grained, spotted, gabbro, 2-3% blue quartz eyes and weakly magnetic (approx. 1%) and 20% plagioclase (mg) and >75% coarse grained hornblende (matrix), sphalerite light colored and fine seams (???), 1% sulphides as intersititial, plagioclase is altered approx. sausseritization	**7c**	No Sample			
15-Aug	AR/BB	Line 22E, 32+55N	518017E	5399494N	OC3	6x4x1	Medium Gabbro- medium grained gabbro with epidote alteration and 4% quartz eyes, fine, disseminated 1-2% pyrite-chalcopyrtie, +/- magnetite (5%), (moderatly magnetic), intersitial, little -moderate gossan surface, possible fine specks of pyrite/chalcopyrite	**7b**	279808	518017E/ 5399494N	Same as OC	Yes
15-Aug	AR/BB	Line 22E, 32+50N			OC3B		Fine-Medium Grained Gabbro- similar to OC3 but finer grained, south end of OC3	**7b**	No Sample			
15-Aug	AR/BB	Line 22+12E, 32+30N	518050E	5399470N	OC4	12x6x1	Gabbro- fine grained, black, gabbro, blebs or short stringers of chalcopyrtie-pyrite-pyrrhottite approximately 1-1.5%, elongated hornblende/pyroxene laths, scattered epidote patches (<2%), weakly magnetic (1% magnetite), 2mm weathered rind	**7a**	279809	518050E/ 5399470N	Same as OC	Yes
15-Aug	AR/BB	Line 22E, 32+10N	518080E	5399440N	OC5	65x20x5	Medium-Fine Grained Gabbro- similar to OC4 but less sulphide (<1%)	**7b**	No Sample			
15-Aug	AR/BB	Line 21+55E, 32+10N	518034E	5399439N	OC5B	65x20x5	Sheared Gabbro- disseminated chalcopyrite and pyrite aprroximately .5-1% (scatted and intersitial), weakly magnetic (1% magnetite) epidote along fracture, base of gabbro appoximately chalcopyrite (?), sill intrusion? West End of OC5	**7f**	279810	518034E/ 5399439N	Same as OC	Yes
15-Aug	AR/BB	Line 78E, 30+55N	523465E	5401822N	OC78A	25x12x1	Sheared Felsic Tuff- fine grained, light grey, highly sheared/cleavage at 090o/vertical, trace <.25%) pyrite	**3b**	No Sample			
15-Aug	AR/BB	Line 83+85E, 34+00N	524018E	5402174N	Sweet Pea Shaft/Noront	2x3x1 (water)x15	Dump (3.5x2x18)- dump contains lots >50% orangey quartz veins, pyrite-chalcopyrite oxidization in sheared basalt	**1b**	279812	521020E/ 5402162N	Grey and Orange quartz vein composite with >3-5% pyrite-pyrrhotite	Yes
15-Aug	AR/BB	Line 83+90E, 33+95N	524012E	5402162N	OC1-6 m east of shaft	40x10x3	Sheared Dacite/Andesite- fine grained, grey to black, weak-moderatly sheared at 040o and 5% calcite (east end of shaft)	**2b**	279811	524012E/ 5402162N	Same as OC	Yes
15-Aug	AR/BB	Line 83+60E, 33+90N	524016E	5402178N	OC1B	40x10x3	Quartz Vein- (17m NE of Shaft) - 1 metre red/orange quartz vein at 025o/205o over 15 metres, contains 2%-chalcopyrtie and grey sulphides and pyrite	**QV**	279813	524016E/ 5402178N	Orange-Red Quartz Vein and 2% sulphides	Yes
15-Aug	MR/RB	Line 83+85E, 34+00N	524018E	5402174N	Sweet Pea Shaft	2x3x1 (water)x15	Sweet Pea/Noront Shaft- fine grained pink quartz with 8-10% pyrrhotite-pyrite, +/- chalcopyrite	**QV**	279820	521020E/ 5402162N	Same as OC	Yes
20-Aug	AR/BB	Line 71+15E, 21+30N	522795E	5400913N	OC1	60x15x1	Felsic Flow- fine to medium grained, massive to weak fracturing, felsic flow, trending	**3a**	No Sample			
20-Aug	AR/BB	Line 71+05E, 20+70N	522781E	5400862N	OC2	6x5x.2	Weakly Altered Felsic Flow- fine grained, grey, weakly sheared (260o/vertical), felsic flow with 5% grey quartz eyes and 5% oxidized ankerite alteration, very flat, could not get good sample approx. channel (?)	**3b**	No Sample			

20-Aug	AR/BB	20 North Baseline, 71+15E	522771E	5400914N	OC3	70x20x.2	Altered Felsic Flow- fine grained, light grey, siliceous, feslic flow with >10% silica alter and 5% oxidized ankerite, 3% blue quartz eyes, weak shearing (264o/vertical)	**3b**	279814	522771E/ 5400914N	Same as OC	Yes
20-Aug	AR/BB	20 North Baseline, 70+75E	522737E	5400804N	OC4	105x15x2	Shear Felsic Flow- medium grained, grey to grey-green, weak to moderate shear at 260o/vertical and 5% calcite alteration, no sulphides or quartz veins, continues to Line 70E, same throughout	**3b**	No Sample			
20-Aug	AR/BB	Line 70+45E, 20+55N	522703E	5400860N	OC5	15x18x2	Felsic Flow- fine grained, grey, massive felsic flow and 5% grey quartz eyes, little to no fractures	**3a**	No Sample			
20-Aug	AR/BB	Line 71+55E, 19+95N	522824E	5400812N	OC6	5x4x.2	Silica Altered Felsic Flow- medium grained, light grey, >60% silica alteration, +/- sericite in felsic flow, trace pyrite	**3b**	279815	522824E/ 5400812N	Same as OC	Yes
20-Aug	AR/BB	Line 71+55E, 19+67N	522847E	5400780N	OC7	10x5x.6	Weakly Altered Felsic Flow- fine grained, grey, felsic flow with >10% silica and weak-moderate shear at 072o/vertical, trace pyrite (to rare)	**3b**	No Sample			
20-Aug	AR/BB	Line 71+60E, 19+40N	522851E	5400769N	OC8	6x2x.2	Silica Altered Felsic Flow- fine grained, grey, >10% silica altered felsic flow and 1% pyrite	**3b**	279816	522851E/ 5400769N	Same as OC	Yes
20-Aug	AR/BB	Line 71+58E, 19+40N	522850E	5400769N	Port Arthur Copper Float	50 lb	fine grained, dark green, chloritized basalt with 3-4% chalcopyrite,4-6% sph, 10% pyrite, ore zone of PAC	**1b**	279817	522850E/ 5400769N	Same as OC	Yes
20-Aug	AR/BB	Line 83+80E, 33+90N	524022E	5402152N	Noront Shaft-OC1	120x30x3	fine grained, dark green, >20% chlorite-calcite alteration/shear basalt and trace pyrite	**1b**	279821	524022E/ 5402152N	Same as OC	Yes
20-Aug	AR/BB	Line 83+05E, 33+70N	523953E	5402176N	Noront Shaft-OC1B	120x30x3	>80% recrystallized yellow/orange quartz vein and 2-4% chalcopyrite-pyrite	**QV**	279823	523953E/ 5402176N	Same as OC	Yes
20-Aug	AR/BB	Line 83+45E, 33+90N	523990E	5402144N	Noront Shaft-OC1C	120x30x3	8 m W of start of quartz vein-pit 1, 50% white and orange quartz vein in chlorite basalt and 2% pyrite	**1b, QV**	279828	523990E/ 5402144N	Same as OC	Yes
20-Aug	AR/BB	Line 82+80E, 32+80N	523937E	5402083N	Noront Shaft-OC2	220x70x10	fine grained, green-grey, sheared basalt with 10% quartz veins but <1cm	**1b, QV**	279822	523937E/ 5402083N	Same as OC	Yes
20-Aug	AR/BB	Line 84+40E, 33+95N	540081E	5902152N	Noront Shaft-OC2B	220x70x10	white-orange quartz vein (>95%) and 2-3% pyrite-pyrrhotitie, east end of OC2	**QV**	279827	540081E/ 5902152N	1 metre chip sample, see OC	Yes
20-Aug	AR/BB	Line 82+60E, 34+10N	523925E	5402167N	Noront Shaft-OC3	25x15x1	fine to medium grained, green-grey, weak chlorite-calcite alteration and 5-10% blue and grey quartz eyes in felsic flow, trace pyrite	**3b, QV**	279824	523925E/ 5402167N	Same as OC	Yes
20-Aug	AR/BB	Line 83E, 34+45N	523952E	5402168N	Noront Shaft-OC4	4x2x1	fine grained, dark green, >20% chlorite-biotite-calcite altered basalt, trace pyrite	**3b, QV**	279825	523952E/ 5402168N	Same as OC	Yes
20-Aug	AR/BB	Line 83+85E, 34+00N	524022E	5402162N	Noront Shaft Wall	Boulder	>80% white and orange quartz vein and 8-10% pyrrhotite, 1% chalcopyrite, 1% pyrite	**QV**	279826	524022E/ 5402162N	Same as OC	Yes
20-Aug	AR/BB	Line 83+85E, 34+00N	524016E	5402159N	Noront Shaft Muck Pile	3.5x2x18	"fines" approx. 1 inch material of oxidized quartz and fine sulphides	**QV**	279829	524016E/ 5402159N	Same as OC	Yes
21-Aug	AR/BB	Line 80E, 8+10N	523723E	5399643N	OC1	15x5x1	fine grained, grey-green, sheared basalt with 10% chlorite-calcite alteration and trace-1% pyrite	**1c**	279830	523723E/ 5399643N	Same as OC	Yes
21-Aug	AR/BB	Line 80E, 8+40N	523716E	5399667N	OC2	15x10x2	coarse grained, grey-green, weakly sheared, gabbro and minor calcite and trace pyrite	**7f**	279831	523716E/ 5399667N	Same as OC	Yes
21-Aug	AR/BB	Line 80E, 9+20N	523726E	5399753N	OC3	15x2x.5	medium grained, light green, gabbro with 10% chlorite alteration, silica?	**7f**	279832	523726E/ 5399753N	Same as OC	Yes
21-Aug	AR/BB	Line 80E, 11+20N	523727E	5399951N	OC4	15x3x1	medium to coarse grained, grey-green, gabbro, massive, magnetic, fine quartz veins and trace pyrite	**7b**	279833	523727E/ 5399951N	Same as OC	Yes
21-Aug	AR/BB	Line 80E, 11+40N	523726E	5399968N	OC5	15x10x2	coarse grained, grey, massive, gabbro with minor calcite-biotite and trace-1% pyrite	**7c**	279834	523726E/ 5399968N	Same as OC	Yes
21-Aug	AR/BB	Line 80E, 11+80N	523715E	5400010N	OC6	20x7x2	fine grained, grey, sheared altered felsic with calcite-ankerite and 10% grey quartz eyes	**3b**	279835	523715E/ 5400010N	Same as OC	Yes
21-Aug	AR/BB	Line 80E, 12+45N	523728E	5400072N	OC7	40x20x3	fine grained, grey, sheared felsic flow with chlorite-calcite alteration and 10% silica overprinting then 2-3% feldspar (?) or ankerite (?)	**3b**	279836	523728E/ 5400072N	Same as OC	Yes
21-Aug	AR/BB	Line 80E, 12+60N	523722E	5400094N	OC8	20x15x1.5	fine grained, grey, sheared felsic flow with grey quartz eyes and minor quartz-calcite veins	**3b**	279837	523722E/ 5400094N	Same as OC	Yes
21-Aug	AR/BB	Line 80E, 13+30N	523694E	5400157N	OC9	5x2x1	fine to medium grained, grey-green, sheared chlorite-calcite altered felsic flow with blue quartz eyes	**3b**	279838	523694E/ 5400157N	Same as OC	Yes
21-Aug	AR/BB	Line 80E, 14+15N	523695E	5400234N	OC10	15x3x1	fine grained, grey-green, massive gabbro	**7a**	279839	523695E/ 5400234N	Same as OC	Yes

Appendix B

Assay Certificates

Accurrassay 1482201-1482500

279501-279524

Actlabs 279525-279839

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Wednesday, June 18, 2014

Preliminary Analysis

NuVision Resources Ltd
225 5th Ave West
Owen Sound, ON, CA
N4K6G3
Ph#: (519) 470-7455
Email: georaoul@gmail.com, raybernatchez@gmail.com

Date Received: 06/04/2014
Date Completed: 06/18/2014
Job #: 201441152
Reference:
Sample #: 130

Acc #	Client ID	Au g/t (ppm)
89413	1482201	0.031
89460	1482202	0.015
89461	1482203	<0.005
89462	1482204	0.019
89463	1482205	<0.005
89464	1482206	<0.005
89465	1482207	<0.005
89466	1482208	<0.005
89467	1482209	0.008
89468	1482210	<0.005
89469	1482210 Dup	<0.005
89470	1482211	<0.005
89471	1482212	0.007
89472	1482214	<0.005
89473	1482216	0.005
89474	1482217	0.006
89475	1482218	<0.005
89476	1482220	<0.005
89477	1482221	<0.005
89478	1482223	<0.005
89479	1482224	<0.005
89480	1482226	<0.005
89481	1482227	0.007
89482	1482228	0.032
89483	1482229	0.006

APPLIED SCOPES: ALP1, ALFA1, ALMA1

Validated By:
Andrew Oleski, Instrumentation Manager

Certified By:
Derek Demianiuk H.Bsc., Laboratory Manager

Authorized By:
No Signature

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Date Received: 06/04/2014
Date Completed: 06/18/2014
Job #: 201441152
Reference:
Sample #: 130

Acc #	Client ID	Au g/t (ppm)
89484	1482230	<0.005
89485	1482231	0.107
89486	1482232	<0.005
89487	1482233	0.149
89488	1482234	0.015
89489	1482235	<0.005
89490	1482236	<0.005
89491	1482236 Dup	<0.005
89492	1482237	<0.005
89493	1482238	<0.005
89494	1482239	<0.005
89495	1482240	<0.005
89496	1482241	<0.005
89497	1482243	0.009
89498	1482244	<0.005
89499	1482245	<0.005
89500	1482246	<0.005
89501	1482248	<0.005
89502	1482249	<0.005
89503	1482252	<0.005
89504	1482254	0.027
89505	1482255	0.015
89506	1482257	<0.005
89507	1482259	<0.005
89508	1482260	0.007

APPLIED SCOPES: ALP1, ALFA1, ALMA1

Validated By:
Andrew Oleski, Instrumentation Manager

Certified By:
Derek Demianiuk H.Bsc., Laboratory Manager

Authorized By:
No Signature

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Date Received: 06/04/2014
Date Completed: 06/18/2014
Job #: 201441152
Reference:
Sample #: 130

Acc #	Client ID	Au g/t (ppm)
89509	1482262	<0.005
89510	1482263	<0.005
89511	1482264	<0.005
89512	1482265	0.006
89513	1482267	<0.005
89514	1482268	<0.005
89515	1482269	<0.005
89516	1482273	0.007
89517	1482274	<0.005
89518	1482275	0.023
89519	1482276	<0.005
89520	1482279	<0.005
89521	1482280	0.006
89522	1482281	<0.005
89523	1482282	<0.005
89524	1482284	0.006
89525	1482285	<0.005
89526	1482288	<0.005
89527	1482289	<0.005
89528	1482290	<0.005
89529	1482292	0.113
89530	1482293	<0.005
89531	1482295	<0.005
89532	1482296	<0.005
89533	1482298	<0.005

APPLIED SCOPES: ALP1, ALFA1, ALMA1

Validated By:

Andrew Oleski, Instrumentation Manager

Certified By:

Derek Demianiuk H.Bsc., Laboratory Manager

Authorized By:

No Signature

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Date Received: 06/04/2014
Date Completed: 06/18/2014
Job #: 201441152
Reference:
Sample #: 130

Acc #	Client ID	Au g/t (ppm)
89534	1482299	<0.005
89535	1482301	<0.005
89536	1482302	<0.005
89537	1482303	<0.005
89538	1482304	<0.005
89539	1482306	<0.005
89540	1482308	<0.005
89541	1482310	0.142
89542	1482312	<0.005
89543	1482315	<0.005
89544	1482317	<0.005
89545	1482318	<0.005
89546	1482320	<0.005
89547	1482323	<0.005
89548	1482324	<0.005
89549	1482325	<0.005
89550	1482330	<0.005
89551	1482332	<0.005
89552	1482333	<0.005
89553	1482334	<0.005
89554	1482336	<0.005
89555	1482337	<0.005
89556	1482338	No Sample Received
89557	1482340	<0.005
89558	1482342	<0.005

APPLIED SCOPES: ALP1, ALFA1, ALMA1

Validated By:
Andrew Oleski, Instrumentation Manager

Certified By:
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No Signature

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Date Received: 06/04/2014
Date Completed: 06/18/2014
Job #: 201441152
Reference:
Sample #: 130

Acc #	Client ID	Au g/t (ppm)
89559	1482343	<0.005
89560	1482344	<0.005
89561	1482348	<0.005
89562	1482350	<0.005
89563	1482353	<0.005
89564	1482355	<0.005
89565	1482356	<0.005
89566	1482359	<0.005
89567	1482360	<0.005
89568	1482362	<0.005
89569	1482363	<0.005
89570	1482364	<0.005
89571	1482365	<0.005
89572	1482366	0.009
89573	1482368	<0.005
89574	1482369	<0.005
89575	1482371	0.052
89576	1482374	<0.005
89577	1482376	<0.005
89578	1482377	0.011
89579	1482378	<0.005
89580	1482379	<0.005
89581	1482382	<0.005
89582	1482383	<0.005
89583	1482384	<0.005

APPLIED SCOPES: ALP1, ALFA1, ALMA1

Validated By:
Andrew Oleski, Instrumentation Manager

Certified By:
Derek Demianiuk H.Bsc., Laboratory Manager

Authorized By:
No Signature

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Date Received: 06/04/2014
Date Completed: 06/18/2014
Job #: 201441152
Reference:
Sample #: 130

Acc #	Client ID	Au g/t (ppm)
89584	1482385	<0.005
89585	1482386	0.307
89586	1482387	<0.005
89587	1482388	<0.005
89588	1482389	<0.005
89589	1482390	0.005
89590	1482390 Rep	<0.005
89591	1482391	<0.005

APPLIED SCOPES: ALP1, ALFA1, ALMA1

Validated By:
Andrew Oleski, Instrumentation Manager

Certified By:
Derek Demianiuk H.Bsc., Laboratory Manager

Authorized By:
No Signature

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Date Received: 06/04/2014
Date Completed: 06/18/2014
Job #: 201441152
Reference:
Sample #: 130

Control Standards

QC Type	QC Performance (ppm)	Mean (ppm)	Std Dev (ppm)
O60C	2.466	2.470	0.080
GS26	0.847	0.804	0.043
GS26	0.846	0.804	0.043
GS26	0.808	0.804	0.043
GS26	0.757	0.804	0.043

APPLIED SCOPES: ALP1, ALFA1, ALMA1

Validated By:
Andrew Oleski, Instrumentation Manager

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Monday, July 7, 2014

Preliminary Analysis

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Ph#: (519) 470-7455
Email: georaoul@gmail.com, raybernatchez@gmail.com

Date Received: 06/18/2014
Date Completed: 07/07/2014
Job #: 201441280
Reference:
Sample #: 39

Acc #	Client ID	Au g/t (ppm)
99293	1482394	0.013
99294	1482395	<0.005
99295	1482396	<0.005
99296	1482398	No Sample Received
99297	1482399	<0.005
99298	1482400	<0.005
99299	1482402	<0.005
99300	1482403	<0.005
99301	1482404	<0.005
99302	1482405	0.014
99303	1482405 Dup	0.033
99304	1482406	0.007
99305	1482407	<0.005
99306	1482408	0.006
99307	1482409	<0.005
99308	1482411	<0.005
99309	1482414	<0.005
99310	1482415	<0.005
99311	1482416	<0.005
99312	1482419	<0.005
99313	1482420	<0.005
99314	1482420 Dup	<0.005
99315	1482421	<0.005
99316	1482422	<0.005
99317	1482423	<0.005

APPLIED SCOPES: ALP1, ALFA1, ALMA1

Validated By:
Derek Demianiuk H.Bsc., Laboratory Manager

Certified By:
Derek Demianiuk H.Bsc., Laboratory Manager

Authorized By:
No Signature

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Monday, July 7, 2014

Preliminary Analysis

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Ph#: (519) 470-7455
Email: georaoul@gmail.com, raybernatchez@gmail.com

Date Received: 06/18/2014
Date Completed: 07/07/2014
Job #: 201441280
Reference:
Sample #: 39

Acc #	Client ID	Au g/t (ppm)
99318	1482424	<0.005
99319	1482427	<0.005
99320	1482428	<0.005
99321	1482429	<0.005
99322	1482431	<0.005
99323	1482432	No Sample Received
99324	1482436	<0.005
99325	1482436 Dup	<0.005
99326	1482437	<0.005
99327	1482438	<0.005
99328	1482439	<0.005
99329	1482440	<0.005
99330	1482441	0.087
99331	1482442	<0.005
99332	1482443	<0.005
99333	1482445	<0.005
99334	1482446	<0.005

APPLIED SCOPES: ALP1, ALFA1, ALMA1

Validated By:
Derek Demianiuk H.Bsc., Laboratory Manager

Certified By:
Derek Demianiuk H.Bsc., Laboratory Manager

Authorized By:
No Signature

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Monday, July 7, 2014

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Date Received: 06/18/2014
Date Completed: 07/07/2014
Job #: 201441280
Reference:
Sample #: 39

Control Standards

QC Type	QC Performance (ppm)	Mean (ppm)	Std Dev (ppm)
GS26	0.814	0.804	0.043
GS26	0.804	0.804	0.043
GS26	0.790	0.804	0.043
GS26	0.801	0.804	0.043

APPLIED SCOPES: ALP1, ALFA1, ALMA1

Validated By:
Derek Demianiuk H.Bsc., Laboratory Manager

Certified By:
Derek Demianiuk H.Bsc., Laboratory Manager

Authorized By:
No Signature

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Saturday, July 19, 2014

Preliminary Analysis

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Ph#: (519) 470-7455
Email: georaoul@gmail.com, raybernatchez@gmail.com

Date Received: 06/30/2014
Date Completed: 07/19/2014
Job #: 201441390
Reference:
Sample #: 2

Acc #	Client ID	Au g/t (ppm)
106569	1482397	<0.005
106570	1482435	<0.005
106571	1482435 Dup	<0.005

APPLIED SCOPES: ALP1, ALFA1, ALMA1

Validated By:

Jason Moore, VP Operations, Assayer

Certified By:

Jason Moore, VP Operations, Assayer

Authorized By:

No Signature

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Saturday, July 19, 2014

Preliminary Analysis

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Email: georaoul@gmail.com, raybernatchez@gmail.com

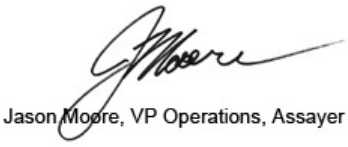
Date Received: 06/30/2014
Date Completed: 07/19/2014
Job #: 201441390
Reference:
Sample #: 2

Control Standards

QC Type	QC Performance (ppm)	Mean (ppm)	Std Dev (ppm)

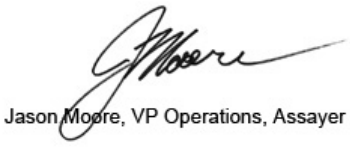
APPLIED SCOPES: ALP1, ALFA1, ALMA1

Validated By:



Jason Moore, VP Operations, Assayer

Certified By:



Jason Moore, VP Operations, Assayer

Authorized By:

No Signature

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Wednesday, July 23, 2014

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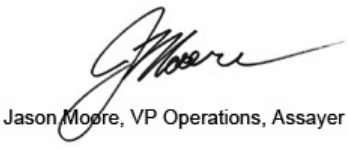
Owen Sound, ON, CA
N4K6G3
Ph#: (519) 470-7455
Email: georaoul@gmail.com, raybernatchez@gmail.com

Date Received: 07/07/2014
Date Completed: 07/23/2014
Job #: 201441468
Reference:
Sample #: 56

Acc #	Client ID	Au g/t (ppm)
112566	1482450	0.010
112567	1482451	<0.005
112568	1482452	<0.005
112569	1482453	<0.005
112570	1482455	<0.005
112571	1482456	<0.005
112572	1482457	No Sample Received
112573	1482458	<0.005
112574	1482459	<0.005
112575	1482460	<0.005
112576	1482460 Dup	<0.005
112577	1482461	<0.005
112578	1482462	<0.005
112579	1482464	<0.005
112580	1482468	<0.005
112581	1482471	<0.005
112582	1482472	<0.005
112583	1482474	<0.005
112584	1482475	<0.005
112585	1482476	<0.005
112586	1482478	No Sample Received
112587	1482478	No Sample Received
112588	1482479	<0.005
112589	1482480	<0.005
112590	1482482	<0.005

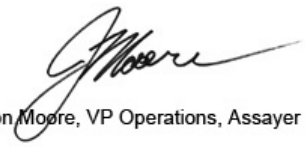
APPLIED SCOPES: ALP1, ALFA1, ALMA1

Validated By:



Jason Moore, VP Operations, Assayer

Certified By:



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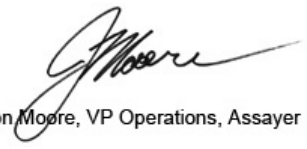
Authorized By:



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Ph#: (519) 470-7455
Email: georaoul@gmail.com, raybernatchez@gmail.com

Date Received: 07/07/2014
Date Completed: 07/23/2014
Job #: 201441468
Reference:
Sample #: 56

Acc #	Client ID	Au g/t (ppm)
112591	1482484	0.036
112592	1482485	0.018
112593	1482488	0.007
112594	1482490	0.007
112595	1482491	0.021
112596	1482493	<0.005
112597	1482494	<0.005
112598	1482496	0.008
112599	1482497	<0.005
112600	1482498	<0.005
112601	1482499	0.041
112602	279502	0.018
112603	279504	0.011
112604	279505	0.009
112605	279506	0.006
112606	279508	0.010
112607	279509	0.006
112608	279510	0.009
112609	279510 Dup	0.011
112610	279511	0.009
112611	279512	0.017
112612	279514	0.009
112613	279517	0.012
112614	279518	0.008
112615	279519	<0.005

APPLIED SCOPES: ALP1, ALFA1, ALMA1

Validated By:
Jason Moore, VP Operations, Assayer

Certified By:
Jason Moore, VP Operations, Assayer

Authorized By:
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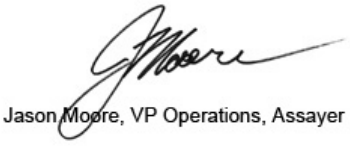
Date Received: 07/07/2014
Date Completed: 07/23/2014
Job #: 201441468
Reference:
Sample #: 56

Acc #	Client ID	Au g/t (ppm)
112616	279520	<0.005
112617	279521	0.010
112618	279522	0.007
112619	279524	1.461
112620	1482151	0.028
112621	1482152	0.022
112622	1482153	<0.005
112623	1482154	0.005
112624	1482155	0.014

APPLIED SCOPES: ALP1, ALFA1, ALMA1

Validated By:



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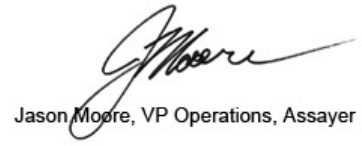

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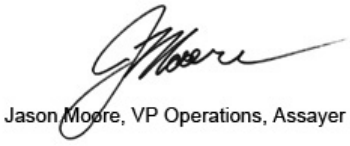
Authorized By:



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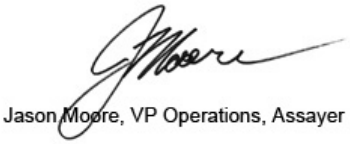
Date Received: 07/07/2014
Date Completed: 07/23/2014
Job #: 201441468
Reference:
Sample #: 56

Control Standards

QC Type	QC Performance (ppm)	Mean (ppm)	Std Dev (ppm)
KL05	0.373	0.391	0.013
KL05	0.392	0.391	0.013

APPLIED SCOPES: ALP1, ALFA1, ALMA1

Validated By:



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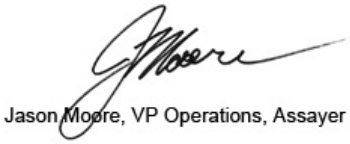
Certified By:



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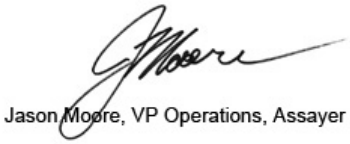

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Friday, August 15, 2014

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Email: georaoul@gmail.com, raybernatchez@gmail.com

Date Received: 08/11/2014
Date Completed: 08/15/2014
Job #: 201441701
Reference: 201441152
Sample #: 3

Acc #	Client ID		Au ppb	Pt ppb	Pd ppb	Rh ppb
130300	1482215	No Sample Received				
130301	1482220			<15	<10	
130302	1482244			<15	<10	
130303 Dup	1482244			<15	<10	

PROCEDURE CODES: ALM1, ALPG1

Certified By: Jason Moore, VP Operations, Assayer

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Ph#: (519) 470-7455
Email: georaoul@gmail.com, raybernatchez@gmail.com

Date Received: 08/11/2014
Date Completed: 08/15/2014
Job #: 201441702
Reference: 201441280
Sample #: 2

Acc #	Client ID		Au ppb	Pt ppb	Pd ppb	Rh ppb
130304	1482418	No Sample Received				
130305	1482446			<15	19	
130306 Dup	1482446			<15	31	

PROCEDURE CODES: ALPG1, ALM1

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Friday, August 15, 2014

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Ph#: (519) 470-7455
Email: georaoul@gmail.com, raybernatchez@gmail.com

Date Received: 08/11/2014
Date Completed: 08/15/2014
Job #: 201441703
Reference: 201441468
Sample #: 10

Acc #	Client ID	Au ppb	Pt ppb	Pd ppb	Rh ppb
130307	1482474		<15	<10	
130308	1482475		<15	14	
130309	1482493		<15	<10	
130310	1482494		<15	<10	
130311	1482499		<15	<10	
130312	279502		<15	<10	
130313	279511		<15	<10	
130314	279506		<15	11	
130315	279520		30	17	
130316	279521		<15	<10	
130317 Dup	279521		<15	<10	

PROCEDURE CODES: ALM1, ALPG1

Certified By: Jason Moore, VP Operations, Assayer

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Friday, July 4, 2014

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Email: georaoul@gmail.com, raybernatchez@gmail.com

Date Received: 06/04/2014
Date Completed: 06/18/2014
Job #: 201441152
Reference:
Sample #: 130

Acc #	Client ID	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
89413	1482201	<1	3.92	287	163	3	<1	0.13	23	13	17	34	17.11	0.31	12	0.71	228	43	2	2157	202	10	<5	12	93	1257	<2	5	96	9	4974
89460	1482202	<1	2.29	95	280	3	<1	0.06	12	5	20	21	14.14	0.23	25	1.56	343	42	8	1538	122	7	<5	<10	84	548	<2	5	<10	5	216
89461	1482203	<1	4.53	51	323	2	<1	0.33	7	7	27	21	8.14	0.73	17	1.21	361	32	3	1706	297	6	<5	<10	97	1493	<2	5	<10	8	233
89462	1482204	<1	4.09	69	486	2	<1	0.18	6	9	39	15	7.72	0.45	8	0.42	144	31	2	1415	534	8	<5	<10	101	1501	<2	3	<10	8	439
89463	1482205	<1	4.08	8	173	2	<1	0.23	<4	5	22	3	4.21	0.16	4	0.30	626	28	3	355	<1	<5	10	12	93	1364	<2	5	<10	29	122
89464	1482206	<1	3.96	11	58	<2	<1	8.31	4	24	100	174	4.96	0.41	38	1.99	1043	25	47	558	<1	<5	<5	<10	229	348	3	121	<10	5	42
89465	1482207	<1	4.64	6	198	4	<1	6.60	7	25	160	14	8.38	0.71	49	2.39	1683	28	69	1012	<1	8	<5	<10	230	354	<2	221	<10	4	168
89466	1482208	<1	2.88	<2	273	<2	<1	1.46	<4	4	41	6	3.75	0.96	10	0.58	805	30	4	327	<1	<5	<5	<10	102	392	<2	13	<10	17	61
89467	1482209	<1	3.32	19	133	2	2	>10.00	7	21	16	75	8.25	0.72	32	4.43	2722	36	11	945	<1	<5	<5	<10	159	365	<2	10	15	10	177
89468	1482210	<1	3.33	7	17	2	<1	2.99	9	44	59	101	10.63	0.40	4	2.12	2294	33	25	670	<1	<5	<5	<10	145	6426	<2	218	<10	30	153
89469D	1482210	<1	3.63	6	1	2	<1	2.95	9	42	59	101	10.64	0.43	3	2.19	2291	33	24	678	<1	9	<5	<10	145	6067	<2	218	<10	32	152
89470	1482211	<1	3.00	7	310	2	<1	<0.01	<4	2	31	9	0.82	0.69	<1	0.06	121	21	4	<100	<1	5	12	<10	106	871	<2	3	<10	39	33
89471	1482212	<1	3.00	5	778	2	<1	0.02	<4	2	29	32	1.98	0.84	5	0.28	189	34	1	<100	9	6	6	<10	100	803	<2	3	38	37	17
89472	1482214	<1	4.64	8	891	2	<1	1.65	<4	13	85	21	2.29	0.77	10	1.00	404	16	29	831	<1	<5	<5	<10	802	2343	<2	52	<10	14	33
89473	1482216	<1	3.29	15	439	2	<1	0.93	<4	2	37	14	2.54	0.36	6	0.20	711	28	<1	120	22	<5	6	<10	98	1460	<2	2	12	102	149
89474	1482217	<1	1.41	9	333	2	<1	<0.01	<4	3	27	4	2.04	0.77	<1	0.31	454	17	1	<100	<1	<5	8	<10	67	1494	<2	<2	<10	96	123
89475	1482218	<1	5.13	11	36	2	<1	6.71	8	56	151	82	9.72	0.52	8	3.01	1707	31	45	374	<1	12	<5	10	172	5723	<2	331	14	23	122
89476	1482220	<1	4.61	14	38	2	<1	5.88	7	51	63	51	8.51	0.11	11	2.81	1424	28	49	851	<1	<5	10	13	227	6662	<2	260	13	22	89
89477	1482221	<1	1.26	4	59	<2	<1	0.77	<4	15	61	73	2.90	0.51	5	0.62	376	24	9	294	<1	5	5	<10	99	2230	<2	103	<10	7	33
89478	1482223	<1	1.94	<2	79	2	<1	5.12	8	54	54	73	9.11	0.44	6	2.12	1402	30	37	846	<1	7	<5	16	207	7014	<2	297	14	23	102

PROCEDURE CODES: ALP1, ALFA1, ALMA1

Certified By: Jason Moore, VP Operations, Assayer

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-1831-07/04/2014 5:50 PM

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Ph#: (519) 470-7455
Email: georaoul@gmail.com, raybernatchez@gmail.com

Date Received: 06/04/2014
Date Completed: 06/18/2014
Job #: 201441152
Reference:
Sample #: 130

Acc #	Client ID	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
89479	1482224	<1	3.56	10	337	2	<1	0.05	<4	2	23	14	1.25	0.87	11	0.24	348	17	4	<100	<1	5	9	<10	78	805	<2	4	<10	49	42
89480	1482226	<1	1.90	4	32	<2	<1	4.68	6	49	42	14	7.88	0.09	13	2.27	1352	25	39	840	<1	<5	<5	<10	288	6396	<2	252	<10	19	96
89481	1482227	<1	3.17	4	29	<2	<1	0.45	<4	2	41	5	1.40	0.33	<1	0.20	253	17	3	1353	<1	<5	17	<10	105	334	<2	6	<10	9	5
89482	1482228	<1	2.36	5	74	<2	<1	0.94	<4	1	49	33	1.45	0.35	<1	0.27	252	18	4	2501	<1	5	5	<10	101	257	<2	4	<10	10	<1
89483	1482229	<1	4.26	<2	<1	2	<1	1.16	<4	<1	48	4	1.03	0.26	<1	0.75	138	23	5	861	<1	<5	17	<10	108	285	<2	15	<10	21	4
89484	1482230	<1	4.16	16	<1	2	<1	1.04	<4	1	28	3	1.01	0.15	<1	0.41	147	17	3	2000	<1	<5	17	<10	100	339	<2	4	<10	14	4
89485	1482231	<1	3.45	9	<1	<2	<1	1.91	<4	1	49	180	1.14	0.38	<1	0.74	241	20	5	510	<1	<5	17	<10	120	219	<2	4	10	12	<1
89486	1482232	<1	4.56	6	47	2	<1	2.36	<4	1	32	6	1.23	0.51	2	0.99	227	24	4	411	<1	<5	14	<10	136	264	<2	10	<10	13	<1
89487	1482233	<1	4.62	11	141	2	<1	2.31	<4	21	49	7	2.73	0.69	5	1.42	269	26	14	652	<1	<5	12	<10	111	362	<2	119	<10	11	12
89488	1482234	<1	2.88	11	<1	<2	<1	1.85	<4	9	20	17	3.19	0.24	3	1.95	505	20	6	1637	<1	<5	12	<10	134	256	<2	10	12	13	52
89489	1482235	<1	0.80	6	268	<2	<1	<0.01	<4	2	24	3	1.54	0.47	13	2.23	122	27	4	<100	<1	<5	6	<10	64	392	<2	2	<10	9	18
89490	1482236	<1	1.43	3	335	<2	<1	<0.01	<4	3	46	4	1.58	0.46	14	2.02	382	32	5	<100	<1	<5	<5	12	71	401	<2	4	<10	11	20
89491D	1482236	<1	0.22	8	305	<2	<1	<0.01	<4	2	34	4	1.51	0.30	13	1.83	367	30	4	<100	2	<5	6	<10	65	386	<2	4	<10	9	17
89492	1482237	<1	1.41	4	67	2	<1	0.44	9	22	10	13	10.98	0.53	23	3.30	1286	36	3	1718	<1	5	<5	<10	53	5879	<2	4	16	44	177
89493	1482238	<1	2.03	3	63	2	<1	0.54	8	26	10	26	9.11	0.30	15	1.83	753	29	2	1598	<1	5	6	<10	102	5195	<2	4	<10	27	151
89494	1482239	<1	3.51	19	<1	2	<1	2.72	8	37	28	56	10.49	0.42	6	1.69	1970	34	4	2676	<1	<5	8	<10	185	8598	<2	27	<10	50	150
89495	1482240	<1	4.67	9	141	2	<1	4.06	10	38	16	7	11.52	0.66	4	0.84	2019	30	<1	2803	<1	<5	10	<10	245	8508	<2	7	10	48	139
89496	1482241	<1	4.34	9	200	4	<1	1.82	6	7	42	16	8.29	0.73	13	1.06	1509	35	3	332	<1	<5	<5	<10	126	2431	<2	3	<10	96	141
89497	1482243	<1	5.71	9	264	2	<1	4.36	10	44	32	17	11.45	0.80	9	1.02	2157	35	<1	3466	<1	<5	6	<10	217	8711	<2	20	19	56	175
89498	1482244	<1	3.87	6	215	2	<1	0.69	<4	7	31	11	2.94	0.66	8	0.81	477	27	3	426	<1	<5	16	<10	215	2786	<2	5	<10	102	78

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Date Received: 06/04/2014
Date Completed: 06/18/2014
Job #: 201441152
Reference:
Sample #: 130

Acc #	Client ID	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
89499	1482245	<1	4.45	15	422	3	<1	1.34	<4	9	36	17	3.81	0.66	18	0.64	1006	29	2	452	<1	5	7	11	119	3264	<2	16	19	122	71
89500	1482246	<1	3.37	7	487	3	<1	0.62	<4	4	58	4	3.39	0.59	9	0.34	407	31	4	160	<1	<5	<5	<10	140	2082	<2	2	<10	90	52
89501	1482248	<1	3.82	3	144	2	<1	1.35	4	16	85	7	5.09	0.81	7	0.90	1038	29	4	1458	<1	5	<5	<10	165	4351	<2	4	<10	58	73
89502	1482249	<1	3.21	8	331	2	<1	2.13	6	20	30	9	7.08	0.76	26	1.89	1500	30	2	1654	<1	<5	<5	<10	152	5480	<2	4	<10	49	129
89503	1482252	<1	2.75	<2	124	2	<1	1.61	5	13	50	86	6.46	0.85	3	0.51	1207	26	2	1043	<1	7	<5	<10	172	4574	<2	3	17	73	121
89504	1482254	<1	1.42	195	67	<2	<1	0.09	<4	4	28	13	4.08	0.43	28	1.81	179	78	3	297	<1	<5	<5	<10	77	309	<2	2	11	7	192
89505	1482255	<1	2.03	12	136	<2	<1	0.03	<4	3	61	7	3.13	0.74	19	1.27	140	185	3	281	<1	<5	<5	<10	68	403	<2	<2	<10	17	138
89506	1482257	<1	4.43	10	65	2	<1	4.57	8	52	50	54	9.37	0.67	6	2.35	1517	32	36	894	<1	5	<5	<10	222	7274	<2	301	<10	29	135
89507	1482259	<1	3.33	4	12	2	<1	0.83	10	27	10	2	11.95	0.42	15	2.65	1712	40	2	1604	<1	<5	<5	10	65	5971	<2	6	13	49	195
89508	1482260	<1	5.67	7	8	2	<1	4.81	8	61	28	88	9.99	0.49	5	2.18	1467	33	32	1146	<1	7	11	<10	197	8741	<2	337	16	35	128
89509	1482262	<1	4.14	3	177	2	<1	0.29	<4	1	39	3	3.59	0.55	4	0.28	237	23	2	150	<1	<5	<5	<10	127	367	<2	5	<10	52	24
89510	1482263	<1	4.80	7	58	2	<1	4.19	10	39	18	21	11.41	0.58	2	0.85	2088	31	<1	3262	<1	<5	12	<10	191	9520	<2	9	<10	42	119
89511	1482264	<1	4.73	2	60	<2	<1	0.04	<4	<1	40	4	0.43	0.42	<1	0.07	<100	19	2	<100	<1	<5	8	<10	117	409	<2	9	<10	5	<1
89512	1482265	<1	4.20	17	84	2	<1	5.97	8	49	68	38	8.77	0.40	5	2.33	1418	32	42	831	<1	6	<5	<10	256	6873	<2	281	<10	29	98
89513	1482267	<1	2.95	11	186	2	<1	2.39	7	25	14	3	8.11	0.25	10	1.40	1335	28	2	1738	<1	5	<5	<10	189	6474	<2	6	22	48	110
89514	1482268	<1	3.46	3	9	<2	<1	4.66	6	48	67	43	7.78	0.30	6	2.99	1343	25	48	770	<1	<5	<5	<10	170	6296	<2	242	<10	20	106
89515	1482269	<1	4.45	13	34	2	<1	5.33	7	52	74	14	8.96	0.38	7	3.54	1531	28	55	855	<1	6	21	<10	206	6814	<2	272	<10	24	142
89516	1482273	<1	2.90	<2	<1	2	<1	4.23	7	52	73	33	8.58	0.08	<1	2.67	1399	30	46	806	<1	<5	<5	<10	211	6544	<2	270	<10	25	135
89517	1482274	<1	2.68	8	16	<2	<1	1.17	<4	2	37	3	0.68	0.11	11	2.05	115	29	6	<100	<1	5	19	<10	115	262	<2	5	<10	4	9
89518	1482275	<1	3.48	23	<1	2	<1	4.38	7	52	26	45	8.47	0.41	11	1.90	951	29	29	962	3	8	<5	<10	117	4181	2	280	<10	12	65

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89519	1482276	<1	5.22	7	45	11	<1	5.99	<4	5	14	3	2.05	0.43	16	3.99	440	29	16	701	<1	<5	7	<10	167	786	5	25	11	128	28
89520	1482279	<1	4.64	6	646	3	<1	0.04	<4	3	40	3	4.13	0.59	22	1.33	241	35	3	112	<1	<5	9	<10	79	549	<2	2	17	23	42
89521	1482280	<1	2.85	7	111	3	1	0.44	11	12	17	174	12.54	0.47	11	1.64	1286	39	3	319	3	6	<5	15	76	2055	<2	8	<10	48	265
89522	1482281	<1	1.46	6	61	3	2	1.22	10	16	13	174	11.30	0.34	17	1.74	1635	38	3	353	5	<5	<5	23	86	2459	<2	8	28	73	480
89523	1482282	<1	4.13	6	501	3	<1	1.62	6	11	23	16	5.88	0.58	19	0.87	1279	27	3	980	<1	<5	<5	<10	162	4588	<2	3	20	66	505
89524	1482284	<1	3.49	<2	164	2	<1	1.74	6	14	45	5	7.19	0.32	12	0.99	987	29	<1	1174	<1	<5	<5	<10	133	4837	<2	4	<10	54	87
89525	1482285	<1	3.79	4	71	<2	<1	0.34	8	15	10	16	9.23	0.41	41	3.37	873	34	2	501	<1	6	<5	<10	75	2809	<2	4	<10	49	163
89526	1482288	<1	5.06	11	21	2	<1	5.40	8	44	19	3	9.25	0.39	5	1.20	1368	26	4	825	<1	<5	<5	10	334	7965	<2	163	<10	25	96
89527	1482289	<1	2.68	15	158	5	<1	4.94	15	15	13	10	15.96	0.74	27	2.83	2954	47	2	735	<1	5	<5	<10	72	4150	<2	2	11	70	226
89528	1482290	<1	3.53	6	87	2	<1	0.65	<4	11	35	29	4.51	0.54	15	1.28	713	26	3	355	<1	<5	<5	<10	128	2752	<2	8	<10	64	174
89529	1482292	<1	2.84	32	532	2	<1	1.33	6	20	39	26	6.90	0.42	5	0.53	937	28	3	763	3	<5	<5	<10	215	3805	<2	3	<10	61	81
89530	1482293	<1	9.67	13	<1	4	<1	1.17	12	39	43	4	14.44	0.26	16	4.30	1798	51	9	2993	<1	5	8	<10	118	7571	<2	61	<10	103	212
89531	1482295	<1	4.02	9	40	2	<1	0.48	5	16	28	2	6.09	0.22	12	1.92	271	28	9	1007	<1	<5	7	1889	99	262	<2	57	<10	26	24
89532	1482296	<1	4.80	13	39	<2	<1	1.03	<4	1	29	4	0.51	0.50	23	4.45	162	35	6	370	<1	<5	13	<10	103	273	<2	5	12	14	17
89533	1482298	<1	4.84	8	30	2	<1	3.52	6	50	53	12	7.93	0.20	10	2.12	1323	28	37	1198	<1	7	<5	16	170	9480	<2	341	17	27	128
89534	1482299	<1	2.60	8	142	2	<1	0.70	<4	1	31	3	3.62	0.57	12	0.39	262	28	3	123	<1	<5	<5	10	113	310	<2	3	<10	23	41
89535	1482301	<1	3.88	<2	706	3	<1	0.07	<4	3	20	2	4.43	0.64	20	1.02	304	30	1	149	<1	<5	<5	<10	78	697	<2	2	<10	41	63
89536	1482302	<1	4.45	9	412	2	<1	0.37	<4	3	41	3	4.05	0.67	33	2.75	453	31	2	190	<1	5	<5	<10	96	343	<2	2	<10	16	44
89537	1482303	<1	4.31	10	51	<2	<1	1.12	<4	3	22	4	0.87	0.37	21	5.57	269	40	5	223	<1	<5	25	<10	89	315	<2	4	<10	19	25
89538	1482304	<1	4.52	8	71	3	<1	6.02	9	67	25	204	10.47	0.74	5	2.16	1813	36	24	853	<1	8	13	11	215	9642	<2	609	32	27	123

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89539	1482306	<1	3.75	7	60	<2	<1	0.32	8	19	10	3	9.45	0.48	21	3.31	498	36	2	1573	<1	<5	<5	10	71	3843	<2	6	<10	16	100
89540	1482308	<1	3.05	2	280	<2	<1	0.73	<4	8	22	5	3.93	0.86	6	0.74	566	23	2	462	<1	<5	<5	<10	173	2945	<2	3	<10	53	41
89541	1482310	<1	2.89	15	42	<2	<1	4.64	7	65	36	109	8.61	0.30	9	2.02	1526	29	35	739	<1	<5	<5	<10	110	8881	<2	339	<10	18	103
89542	1482312	<1	3.90	13	580	3	<1	0.80	<4	3	35	3	3.81	0.80	16	1.24	363	32	3	114	<1	6	<5	<10	107	420	<2	4	<10	18	28
89543	1482315	<1	3.71	9	228	2	<1	1.41	<4	1	52	3	2.37	0.58	11	0.91	252	34	2	110	<1	<5	<5	<10	120	323	<2	2	<10	33	5
89544	1482317	<1	3.32	7	112	2	<1	1.86	7	22	18	16	8.21	0.40	10	2.00	1408	31	2	1608	<1	<5	<5	11	106	5615	<2	4	<10	57	94
89545	1482318	<1	3.86	6	197	2	<1	1.19	7	19	19	32	8.74	0.20	9	1.62	1817	32	2	1914	<1	<5	<5	11	122	6434	<2	5	12	56	176
89546	1482320	<1	4.33	6	126	2	<1	2.16	5	7	30	11	6.37	0.64	14	0.76	1568	32	2	605	<1	<5	<5	11	184	3477	<2	2	<10	81	134
89547	1482323	<1	4.15	10	138	<2	<1	4.26	6	44	27	35	7.22	1.05	10	1.53	1080	25	7	1740	<1	<5	<5	<10	289	9275	<2	250	<10	17	83
89548	1482324	<1	3.22	8	117	2	<1	1.27	<4	6	80	7	4.10	0.65	6	0.32	686	26	3	391	<1	<5	<5	<10	131	2573	<2	10	<10	89	61
89549	1482325	<1	4.36	28	65	2	<1	5.88	8	57	68	113	8.97	0.53	3	2.72	1617	29	60	703	<1	<5	<5	<10	204	6668	<2	368	<10	25	129
89550	1482330	<1	5.31	10	700	3	<1	0.13	4	2	26	4	5.36	0.64	19	1.09	169	35	2	118	<1	5	<5	13	82	604	<2	6	15	31	115
89551	1482332	<1	3.90	5	486	3	<1	0.51	<4	3	41	3	1.98	1.00	10	0.37	411	24	3	<100	<1	<5	7	<10	101	1331	<2	3	10	17	48
89552	1482333	<1	3.87	4	303	<2	<1	<0.01	<4	4	42	4	2.99	0.76	<1	0.04	396	28	2	168	<1	<5	6	<10	120	1464	<2	3	<10	30	37
89553	1482334	<1	3.71	8	529	4	<1	0.16	5	3	46	3	5.94	0.67	22	0.89	168	38	3	111	<1	5	<5	11	79	1279	<2	3	<10	26	156
89554	1482336	<1	1.22	5	8	<2	<1	0.56	<4	9	33	2	2.14	0.31	19	5.57	212	27	15	717	<1	<5	<5	<10	78	290	<2	105	10	7	19
89555	1482337	<1	4.56	13	11	2	<1	5.31	8	55	135	25	8.92	0.19	6	2.91	1432	31	42	466	<1	5	8	<10	285	6752	<2	308	11	14	104
89556	1482338															NS															
89557	1482340	<1	3.97	11	110	2	<1	0.84	5	7	29	2	5.86	0.54	21	2.09	363	35	2	354	<1	<5	<5	<10	96	354	<2	6	<10	45	26
89558	1482342	<1	5.81	14	391	2	<1	0.64	<4	6	28	4	4.87	1.45	29	2.80	265	39	5	428	<1	7	9	12	104	471	<2	6	15	17	46

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89559	1482343	<1	3.32	8	39	<2	<1	0.62	<4	3	57	11	1.40	0.48	3	0.49	207	23	5	725	<1	<5	7	<10	93	303	<2	31	<10	12	12
89560	1482344	<1	5.55	7	548	3	<1	1.44	<4	2	14	2	1.14	0.50	<1	0.60	136	13	5	161	<1	<5	18	<10	183	390	<2	29	<10	5	3
89561	1482348	<1	4.32	7	84	3	<1	0.45	<4	<1	31	5	1.93	0.63	4	0.20	211	27	3	143	<1	<5	8	24	95	340	<2	2	<10	56	12
89562	1482350	<1	5.39	18	1	2	<1	4.30	9	59	74	41	10.08	0.44	9	3.14	1588	33	51	963	<1	6	<5	<10	194	7356	<2	293	15	31	127
89563	1482353	<1	4.45	<2	64	2	<1	0.52	5	5	22	10	7.11	0.45	19	2.99	257	32	3	1819	<1	<5	<5	<10	90	344	<2	4	10	8	44
89564	1482355	<1	4.20	7	27	2	<1	1.91	12	75	63	2	13.55	0.30	15	4.84	1409	41	42	791	<1	<5	<5	<10	71	8020	<2	331	<10	26	64
89565	1482356	<1	3.64	7	93	2	<1	4.14	7	51	40	55	8.76	0.10	11	2.06	1251	30	34	926	<1	8	<5	<10	382	7255	<2	285	11	26	121
89566	1482359	<1	2.71	6	250	2	<1	1.30	<4	2	35	4	2.08	0.46	13	0.72	324	31	3	111	<1	<5	10	14	128	379	<2	4	<10	26	41
89567	1482360	<1	3.47	10	181	2	<1	1.07	<4	3	37	3	2.78	0.61	8	0.28	491	36	2	148	<1	5	<5	<10	111	312	<2	2	13	23	46
89568	1482362	<1	4.34	5	51	2	<1	4.46	9	59	23	65	10.31	0.23	8	1.68	1388	40	22	1137	<1	6	<5	<10	219	9769	<2	395	<10	30	109
89569	1482363	<1	5.99	14	404	<2	<1	0.65	<4	4	26	7	1.29	0.81	1	0.19	210	21	7	365	<1	<5	9	<10	447	806	<2	28	<10	3	6
89570	1482364	<1	4.61	20	22	2	<1	4.50	6	43	89	70	7.49	0.23	11	2.24	1120	36	39	435	<1	5	<5	11	153	6641	<2	262	<10	19	68
89571	1482365	<1	2.43	111	354	<2	<1	0.01	<4	2	39	4	2.10	0.47	10	1.19	334	38	3	127	<1	<5	<5	<10	68	522	<2	5	10	16	46
89572	1482366	<1	4.09	4	22	2	<1	1.97	8	15	15	2	9.49	0.49	34	3.52	398	44	3	1864	<1	<5	<5	<10	83	307	<2	3	<10	10	47
89573	1482368	<1	3.37	3	725	<2	<1	0.07	<4	3	23	13	2.15	0.20	4	0.20	332	33	2	139	5	5	10	<10	90	1457	<2	2	12	77	99
89574	1482369	<1	5.15	8	274	2	<1	5.37	8	55	36	47	10.04	0.93	6	2.22	1558	42	30	956	<1	<5	6	<10	253	8104	9	335	<10	33	117
89575	1482371	<1	5.30	4	89	3	<1	5.91	8	50	62	17	9.20	0.80	8	2.71	1217	44	48	817	<1	<5	<5	<10	271	6918	<2	307	20	31	85
89576	1482374	<1	4.51	6	314	2	<1	0.26	<4	2	41	4	0.41	0.76	<1	0.18	<100	20	10	101	<1	<5	17	<10	287	469	<2	8	<10	12	<1
89577	1482376	<1	2.74	2	165	2	<1	1.35	<4	3	51	50	2.77	0.74	9	0.27	273	32	3	<100	<1	5	<5	<10	92	1299	<2	3	<10	34	33
89578	1482377	<1	4.02	4	728	<2	<1	0.17	<4	2	35	25	2.24	0.38	1	0.12	139	33	2	132	<1	<5	<5	<10	101	1165	<2	10	<10	49	18

PROCEDURE CODES: ALP1, ALFA1, ALMA1

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Friday, July 4, 2014

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Date Received: 06/04/2014
Date Completed: 06/18/2014
Job #: 201441152
Reference:
Sample #: 130

Acc #	Client ID	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
89579	1482378	<1	3.96	3	469	4	<1	2.06	<4	8	31	13	4.58	0.56	4	0.52	506	39	6	136	<1	<5	7	10	780	1624	<2	17	22	133	25
89580	1482379	<1	3.10	9	762	2	<1	0.48	<4	3	33	14	2.43	1.06	9	0.21	485	35	2	111	<1	5	<5	<10	94	1431	<2	3	<10	56	105
89581	1482382	<1	3.52	11	185	2	<1	0.34	<4	6	27	3	3.83	0.99	28	3.65	123	38	4	1778	<1	<5	<5	<10	75	463	<2	3	<10	8	137
89582	1482383	<1	2.95	6	<1	<2	<1	1.39	<4	2	17	3	1.57	0.19	6	1.80	225	32	2	1671	<1	5	7	<10	87	237	<2	2	<10	9	32
89583	1482384	<1	3.72	4	92	<2	<1	0.22	<4	4	27	4	2.39	0.57	2	0.37	303	25	4	1537	<1	<5	<5	<10	93	307	<2	10	<10	10	22
89584	1482385	<1	3.61	8	50	<2	<1	0.87	<4	2	37	8	1.74	0.50	3	0.46	211	26	3	1739	<1	<5	<5	<10	103	285	<2	4	<10	13	13
89585	1482386	<1	2.52	4	21	<2	<1	0.37	<4	3	48	22	1.58	0.35	<1	0.24	223	22	3	1251	<1	<5	<5	<10	108	278	<2	3	<10	11	11
89586	1482387	<1	3.28	7	8	2	<1	3.06	7	47	42	123	8.62	0.35	6	2.23	2010	40	26	884	<1	<5	12	<10	132	5814	<2	204	16	23	351
89587	1482388	<1	1.76	5	<1	2	<1	0.64	9	64	77	2	10.72	0.28	19	4.26	1076	42	55	554	<1	<5	<5	<10	58	6233	<2	276	<10	21	58
89588	1482389	<1	2.44	4	329	2	<1	0.29	<4	3	43	3	1.45	0.68	8	0.30	179	35	3	124	<1	<5	8	<10	144	397	<2	7	<10	20	40
89589	1482390	<1	2.97	7	<1	2	<1	4.54	9	50	40	486	9.94	0.03	4	2.31	1933	37	27	704	<1	<5	8	<10	176	6965	<2	285	<10	35	100
89590R	1482390	<1	4.60	7	<1	2	<1	4.56	9	51	35	364	10.00	0.30	4	2.46	1912	37	27	738	<1	<5	<5	<10	184	7387	<2	294	<10	43	116
89591	1482391	<1	2.97	600	116	<2	<1	<0.01	<4	6	16	8	2.27	0.70	18	3.67	217	42	5	501	<1	6	<5	<10	63	451	<2	24	<10	17	45

PROCEDURE CODES: ALP1, ALFA1, ALMA1

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Monday, July 21, 2014

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Email: georaoul@gmail.com, raybernatchez@gmail.com

Date Received: 06/18/2014
Date Completed: 07/07/2014
Job #: 201441280
Reference:
Sample #: 39

Acc #	Client ID	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
99293	1482394	2	5.59	8	546	<2	26	4.52	<4	48	903	105	6.05	0.72	16	5.70	1020	8	296	1429	<1	10	<5	1863	910	4118	12	153	23	21	64
99294	1482395	<1	3.10	4	225	3	3	0.39	<4	9	45	64	2.46	0.50	1	0.42	278	19	14	187	<1	<5	15	2014	167	1946	<2	17	11	85	36
99295	1482396	<1	5.92	10	424	<2	21	5.56	5	53	47	24	10.04	0.57	8	2.80	1550	20	74	815	<1	7	<5	1960	457	7782	7	318	<10	31	98
99296	1482398	NS																													
99297	1482399	<1	5.21	8	12	2	38	5.88	7	60	9	41	14.21	0.44	3	2.42	1619	21	20	1322	<1	10	<5	1925	246	17091	<2	597	<10	32	138
99298	1482400	<1	4.22	3	386	<2	13	1.25	<4	24	12	24	5.41	0.54	10	1.42	849	14	19	1133	<1	5	18	1887	242	6998	<2	116	<10	19	163
99299	1482402	<1	2.38	6	628	2	43	0.18	<4	2	40	6	2.40	0.73	4	0.20	580	20	22	115	<1	5	19	1893	97	1678	<2	5	<10	80	322
99300	1482403	<1	3.85	5	<1	<2	28	1.58	<4	26	12	60	4.99	0.23	<1	1.07	845	16	19	1269	<1	7	15	1912	149	6345	<2	88	<10	39	71
99301	1482404	<1	3.24	16	2	<2	34	1.26	<4	47	48	258	5.48	0.43	3	1.30	666	18	50	362	<1	<5	7	2318	134	3627	6	165	<10	11	63
99302	1482405	<1	1.53	6	<1	<2	13	0.31	<4	24	81	173	2.66	0.17	1	0.60	325	20	64	202	3	<5	26	2380	98	1443	<2	60	<10	3	33
99303D	1482405	<1	0.91	4	<1	<2	12	0.19	<4	23	68	164	2.49	<0.01	<1	0.57	307	17	57	189	<1	<5	7	2306	92	1373	<2	56	<10	3	37
99304	1482406	<1	6.21	14	150	<2	20	6.44	6	69	44	76	12.87	0.25	4	2.55	1911	21	45	797	<1	6	<5	1814	276	11213	5	434	<10	27	116
99305	1482407	<1	5.45	17	<1	<2	42	5.42	4	48	62	3	8.49	0.23	3	2.48	1363	14	51	364	<1	<5	5	1970	247	7780	5	484	<10	17	72
99306	1482408	<1	3.01	14	374	<2	25	0.13	<4	5	25	2	3.25	0.16	5	0.35	516	24	22	174	<1	<5	23	1929	111	2329	<2	10	<10	92	150
99307	1482409	<1	6.04	<2	74	<2	29	5.78	5	58	57	26	10.38	0.27	2	2.89	1741	16	77	869	<1	10	7	1841	252	8115	<2	329	<10	30	117
99308	1482411	<1	5.24	7	194	<2	25	4.08	4	40	77	37	9.39	0.32	5	2.66	1371	18	41	575	<1	9	<5	1972	217	7225	<2	285	<10	18	114
99309	1482414	<1	3.50	6	581	2	22	0.18	<4	4	94	2	2.72	0.73	4	0.31	448	32	24	140	<1	9	34	1753	118	2153	2	9	<10	112	98
99310	1482415	<1	6.64	9	1241	3	21	2.27	<4	20	111	9	3.55	0.54	26	1.52	618	7	66	1141	7	<5	13	1692	1025	3654	<2	78	<10	21	64
99311	1482416	<1	3.88	11	649	2	19	<0.01	<4	1	32	6	1.39	0.72	<1	0.10	113	13	23	109	<1	11	24	1982	119	930	<2	5	<10	73	18
99312	1482419	<1	4.48	9	248	2	26	2.83	4	21	32	5	9.64	0.19	4	0.59	1094	25	19	1252	<1	<5	5	2170	291	5831	<2	6	<10	54	59

PROCEDURE CODES: ALP1, ALFA1, ALMA1

Certified By: Jason Moore, VP Operations, Assayer

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Monday, July 21, 2014

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Date Received: 06/18/2014
Date Completed: 07/07/2014
Job #: 201441280
Reference:
Sample #: 39

Acc #	Client ID	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
99313	1482420	<1	4.00	11	8	2	23	2.77	<4	30	453	86	6.80	0.38	1	1.46	993	20	131	419	<1	6	16	1806	181	5345	<2	152	<10	61	139
99314D	1482420	<1	4.27	8	20	<2	28	1.94	<4	20	301	56	4.42	0.35	<1	1.09	652	17	87	319	<1	5	<5	2135	152	3643	<2	101	<10	51	88
99315	1482421	<1	4.97	8	<1	5	18	0.38	<4	3	38	13	1.85	0.24	<1	0.18	239	15	29	136	<1	<5	13	1967	192	1544	<2	15	<10	44	150
99316	1482422	<1	7.20	9	112	<2	14	5.80	<4	46	225	10	6.25	0.44	13	3.92	1003	7	168	775	<1	12	12	1984	219	4725	2	159	11	9	72
99317	1482423	<1	4.90	11	6	<2	35	4.82	4	49	49	10	9.13	0.29	5	2.55	1373	16	57	1030	<1	<5	9	1914	222	8333	2	275	12	27	68
99318	1482424	<1	4.64	3	58	<2	31	4.59	6	60	13	5	11.53	0.25	3	1.64	1692	20	15	1271	<1	7	<5	2024	232	13518	<2	248	<10	32	104
99319	1482427	<1	5.07	4	903	2	7	2.06	<4	19	91	23	3.25	0.37	25	1.30	544	8	55	1016	5	<5	16	1869	907	3792	2	76	<10	12	52
99320	1482428	1	8.30	20	1019	3	31	2.52	<4	7	114	3	5.76	0.77	20	0.60	1482	50	39	289	<1	<5	36	2820	209	3195	6	7	15	129	105
99321	1482429	<1	4.24	12	369	2	15	0.08	<4	3	44	5	2.65	0.40	3	0.50	543	25	22	127	<1	<5	27	2082	98	1586	<2	3	<10	114	105
99322	1482431	<1	4.05	9	802	2	20	0.25	<4	2	43	19	1.26	0.66	5	0.24	155	18	22	109	11	<5	12	2125	99	858	<2	4	<10	70	181
99323	1482432															NS															
99324	1482436	<1	4.37	6	282	<2	34	3.28	4	44	25	20	7.63	0.70	16	1.85	1218	22	32	1418	<1	<5	23	2242	182	9690	2	274	<10	37	104
99325D	1482436	<1	4.29	3	268	<2	17	3.33	4	46	31	23	7.91	0.31	16	1.89	1262	19	37	1456	<1	<5	<5	2142	185	10096	3	286	<10	38	109
99326	1482437	<1	4.71	17	106	<2	21	8.78	<4	31	42	21	7.29	0.36	9	1.36	1447	18	28	723	<1	<5	11	2287	586	6089	4	266	<10	20	53
99327	1482438	<1	4.57	10	<1	<2	34	7.56	5	52	87	5	10.31	0.23	16	2.88	1955	22	71	438	<1	6	<5	2217	162	2970	<2	346	<10	6	131
99328	1482439	<1	2.75	<2	<1	<2	25	2.56	<4	20	25	42	5.69	0.21	<1	0.44	621	17	25	981	2	<5	18	1903	212	4908	5	31	<10	37	51
99329	1482440	<1	1.60	8	<1	<2	15	2.51	<4	39	34	4	7.36	<0.01	10	2.21	1293	9	47	575	<1	<5	8	1759	82	5405	6	227	<10	12	96
99330	1482441	<1	<0.01	7	<1	<2	13	3.54	<4	10	43	1466	1.28	<0.01	<1	0.32	361	8	23	114	<1	<5	14	1903	83	452	6	19	<10	<2	<1
99331	1482442	<1	2.55	2	<1	<2	24	2.53	<4	29	31	64	6.65	<0.01	<1	0.85	810	14	10	1665	<1	10	7	1554	208	5632	<2	109	<10	44	33
99332	1482443	<1	0.75	7	<1	<2	7	0.39	<4	11	37	27	1.78	<0.01	<1	0.21	234	6	7	189	<1	5	17	1475	175	1386	<2	37	<10	36	4

PROCEDURE CODES: ALP1, ALFA1, ALMA1

Certified By: Jason Moore, VP Operations, Assayer

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Monday, July 21, 2014

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Date Received: 06/18/2014
Date Completed: 07/07/2014
Job #: 201441280
Reference:
Sample #: 39

Acc #	Client ID	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
99333	1482445	<1	4.11	3	258	<2	29	3.79	5	52	43	<1	10.33	0.52	15	2.64	1471	18	38	1196	<1	<5	<5	1842	148	9199	4	272	<10	29	141
99334	1482446	<1	4.37	8	16	<2	29	5.27	5	59	62	26	11.18	0.15	7	2.81	1796	16	44	1316	<1	9	<5	1568	240	10409	6	344	<10	34	147

PROCEDURE CODES: ALP1, ALFA1, ALMA1

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Friday, August 1, 2014

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Date Received: 06/18/2014
Date Completed: 07/07/2014
Revised Date: 08/01/2014
Job #: 201441280
Reference:
Sample #: 39

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
99293	1482394	0.013	2	5.59	8	546	<2	26	4.52	<4	48	903	105	6.05	0.72	16	5.70	1020	8	296	1429	<1	10	<5	<10	910	4118	12	153	23	21	64
99294	1482395	<0.005	<1	3.10	4	225	3	3	0.39	<4	9	45	64	2.46	0.50	1	0.42	278	19	14	187	<1	<5	15	<10	167	1946	<2	17	11	85	36
99295	1482396	<0.005	<1	5.92	10	424	<2	21	5.56	5	53	47	24	10.04	0.57	8	2.80	1550	20	74	815	<1	7	<5	<10	457	7782	7	318	<10	31	98
99296	1482398																NS															
99297	1482399	<0.005	<1	5.21	8	12	2	38	5.88	7	60	9	41	14.21	0.44	3	2.42	1619	21	20	1322	<1	10	<5	<10	246	17091	<2	597	<10	32	138
99298	1482400	<0.005	<1	4.22	3	386	<2	13	1.25	<4	24	12	24	5.41	0.54	10	1.42	849	14	19	1133	<1	5	18	<10	242	6998	<2	116	<10	19	163
99299	1482402	<0.005	<1	2.38	6	628	2	43	0.18	<4	2	40	6	2.40	0.73	4	0.20	580	20	22	115	<1	5	19	<10	97	1678	<2	5	<10	80	322
99300	1482403	<0.005	<1	3.85	5	<1	<2	28	1.58	<4	26	12	60	4.99	0.23	<1	1.07	845	16	19	1269	<1	7	15	<10	149	6345	<2	88	<10	39	71
99301	1482404	<0.005	<1	3.24	16	2	<2	34	1.26	<4	47	48	258	5.48	0.43	3	1.30	666	18	50	362	<1	<5	7	199	134	3627	6	165	<10	11	63
99302	1482405	0.014	<1	1.53	6	<1	<2	13	0.31	<4	24	81	173	2.66	0.17	1	0.60	325	20	64	202	3	<5	26	261	98	1443	<2	60	<10	3	33
99303D	1482405	0.033	<1	0.91	4	<1	<2	12	0.19	<4	23	68	164	2.49	<0.01	<1	0.57	307	17	57	189	<1	<5	7	186	92	1373	<2	56	<10	3	37
99304	1482406	0.007	<1	6.21	14	150	<2	20	6.44	6	69	44	76	12.87	0.25	4	2.55	1911	21	45	797	<1	6	<5	<10	276	11213	5	434	<10	27	116
99305	1482407	<0.005	<1	5.45	17	<1	<2	42	5.42	4	48	62	3	8.49	0.23	3	2.48	1363	14	51	364	<1	<5	5	<10	247	7780	5	484	<10	17	72
99306	1482408	0.006	<1	3.01	14	374	<2	25	0.13	<4	5	25	2	3.25	0.16	5	0.35	516	24	22	174	<1	<5	23	<10	111	2329	<2	10	<10	92	150
99307	1482409	<0.005	<1	6.04	<2	74	<2	29	5.78	5	58	57	26	10.38	0.27	2	2.89	1741	16	77	869	<1	10	7	<10	252	8115	<2	329	<10	30	117
99308	1482411	<0.005	<1	5.24	7	194	<2	25	4.08	4	40	77	37	9.39	0.32	5	2.66	1371	18	41	575	<1	9	<5	<10	217	7225	<2	285	<10	18	114
99309	1482414	<0.005	<1	3.50	6	581	2	22	0.18	<4	4	94	2	2.72	0.73	4	0.31	448	32	24	140	<1	9	34	<10	118	2153	2	9	<10	112	98
99310	1482415	<0.005	<1	6.64	9	1241	3	21	2.27	<4	20	111	9	3.55	0.54	26	1.52	618	7	66	1141	7	<5	13	<10	1025	3654	<2	78	<10	21	64
99311	1482416	<0.005	<1	3.88	11	649	2	19	<0.01	<4	1	32	6	1.39	0.72	<1	0.10	113	13	23	109	<1	11	24	<10	119	930	<2	5	<10	73	18
99312	1482419	<0.005	<1	4.48	9	248	2	26	2.83	4	21	32	5	9.64	0.19	4	0.59	1094	25	19	1252	<1	<5	5	49	291	5831	<2	6	<10	54	59

PROCEDURE CODES: ALP1, ALFA1, ALMA1

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Friday, August 1, 2014

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Date Received: 06/18/2014
Date Completed: 07/07/2014
Revised Date: 08/01/2014
Job #: 201441280
Reference:
Sample #: 39

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
99313	1482420	<0.005	<1	4.00	11	8	2	23	2.77	<4	30	453	86	6.80	0.38	1	1.46	993	20	131	419	<1	6	16	<10	181	5345	<2	152	<10	61	139
99314D	1482420	<0.005	<1	4.27	8	20	<2	28	1.94	<4	20	301	56	4.42	0.35	<1	1.09	652	17	87	319	<1	5	<5	14	152	3643	<2	101	<10	51	88
99315	1482421	<0.005	<1	4.97	8	<1	5	18	0.38	<4	3	38	13	1.85	0.24	<1	0.18	239	15	29	136	<1	<5	13	<10	192	1544	<2	15	<10	44	150
99316	1482422	<0.005	<1	7.20	9	112	<2	14	5.80	<4	46	225	10	6.25	0.44	13	3.92	1003	7	168	775	<1	12	12	<10	219	4725	2	159	11	9	72
99317	1482423	<0.005	<1	4.90	11	6	<2	35	4.82	4	49	49	10	9.13	0.29	5	2.55	1373	16	57	1030	<1	<5	9	<10	222	8333	2	275	12	27	68
99318	1482424	<0.005	<1	4.64	3	58	<2	31	4.59	6	60	13	5	11.53	0.25	3	1.64	1692	20	15	1271	<1	7	<5	<10	232	13518	<2	248	<10	32	104
99319	1482427	<0.005	<1	5.07	4	903	2	7	2.06	<4	19	91	23	3.25	0.37	25	1.30	544	8	55	1016	5	<5	16	<10	907	3792	2	76	<10	12	52
99320	1482428	<0.005	1	8.30	20	1019	3	31	2.52	<4	7	114	3	5.76	0.77	20	0.60	1482	50	39	289	<1	<5	36	705	209	3195	6	7	15	129	105
99321	1482429	<0.005	<1	4.24	12	369	2	15	0.08	<4	3	44	5	2.65	0.40	3	0.50	543	25	22	127	<1	<5	27	<10	98	1586	<2	3	<10	114	105
99322	1482431	<0.005	<1	4.05	9	802	2	20	0.25	<4	2	43	19	1.26	0.66	5	0.24	155	18	22	109	11	<5	12	<10	99	858	<2	4	<10	70	181
99323	1482432																NS															
99324	1482436	<0.005	<1	4.37	6	282	<2	34	3.28	4	44	25	20	7.63	0.70	16	1.85	1218	22	32	1418	<1	<5	23	122	182	9690	2	274	<10	37	104
99325D	1482436	<0.005	<1	4.29	3	268	<2	17	3.33	4	46	31	23	7.91	0.31	16	1.89	1262	19	37	1456	<1	<5	<5	21	185	10096	3	286	<10	38	109
99326	1482437	<0.005	<1	4.71	17	106	<2	21	8.78	<4	31	42	21	7.29	0.36	9	1.36	1447	18	28	723	<1	<5	11	168	586	6089	4	266	<10	20	53
99327	1482438	<0.005	<1	4.57	10	<1	<2	34	7.56	5	52	87	5	10.31	0.23	16	2.88	1955	22	71	438	<1	6	<5	97	162	2970	<2	346	<10	6	131
99328	1482439	<0.005	<1	2.75	<2	<1	<2	25	2.56	<4	20	25	42	5.69	0.21	<1	0.44	621	17	25	981	2	<5	18	<10	212	4908	5	31	<10	37	51
99329	1482440	<0.005	<1	1.60	8	<1	<2	15	2.51	<4	39	34	4	7.36	<0.01	10	2.21	1293	9	47	575	<1	<5	8	<10	82	5405	6	227	<10	12	96
99330	1482441	0.087	<1	<0.01	7	<1	<2	13	3.54	<4	10	43	1466	1.28	<0.01	<1	0.32	361	8	23	114	<1	<5	14	<10	83	452	6	19	<10	<2	<1
99331	1482442	<0.005	<1	2.55	2	<1	<2	24	2.53	<4	29	31	64	6.65	<0.01	<1	0.85	810	14	10	1665	<1	10	7	<10	208	5632	<2	109	<10	44	33
99332	1482443	<0.005	<1	0.75	7	<1	<2	7	0.39	<4	11	37	27	1.78	<0.01	<1	0.21	234	6	7	189	<1	5	17	<10	175	1386	<2	37	<10	36	4

PROCEDURE CODES: ALP1, ALFA1, ALMA1

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Friday, August 1, 2014

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Date Received: 06/18/2014
Date Completed: 07/07/2014
Revised Date: 08/01/2014
Job #: 201441280
Reference:
Sample #: 39

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
99333	1482445	<0.005	<1	4.11	3	258	<2	29	3.79	5	52	43	<1	10.33	0.52	15	2.64	1471	18	38	1196	<1	<5	<5	<10	148	9199	4	272	<10	29	141
99334	1482446	<0.005	<1	4.37	8	16	<2	29	5.27	5	59	62	26	11.18	0.15	7	2.81	1796	16	44	1316	<1	9	<5	<10	240	10409	6	344	<10	34	147

PROCEDURE CODES: ALP1, ALFA1, ALMA1

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Friday, July 25, 2014

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Date Received: 06/30/2014
Date Completed: 07/19/2014
Job #: 201441390
Reference:
Sample #: 2

Acc #	Client ID	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
106569	1482397	3	3.41	12	496	2	<1	0.37	<4	5	<1	37	2.53	0.36	3	0.10	220	5	6	205	8	<5	36	4208	221	1581	<2	13	<10	32	28
106570	1482435	<1	1.46	4	94	2	<1	2.95	5	55	<1	56	9.57	0.38	14	1.51	1465	<1	29	1270	9	7	25	3891	276	9397	<2	284	17	19	123
106571D	1482435	<1	1.77	10	53	2	<1	2.76	5	51	<1	54	9.23	0.34	12	1.61	1414	<1	27	1213	14	<5	17	3760	268	8974	<2	274	29	21	119

PROCEDURE CODES: ALP1, ALFA1, ALMA1

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Friday, August 1, 2014

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Date Received: 06/30/2014
Date Completed: 07/19/2014
Revised Date: 08/01/2014
Job #: 201441390
Reference:
Sample #: 2

Acc #	Client ID	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
106569	1482397	<0.005	3	3.41	12	496	2	<1	0.37	<4	5	<1	37	2.53	0.36	3	0.10	220	5	6	205	8	<5	36	<10	221	1581	<2	13	<10	32	28
106570	1482435	<0.005	<1	1.46	4	94	2	<1	2.95	5	55	<1	56	9.57	0.38	14	1.51	1465	<1	29	1270	9	7	25	<10	276	9397	<2	284	17	19	123
106571D	1482435	<0.005	<1	1.77	10	53	2	<1	2.76	5	51	<1	54	9.23	0.34	12	1.61	1414	<1	27	1213	14	<5	17	<10	268	8974	<2	274	29	21	119

PROCEDURE CODES: ALP1, ALFA1, ALMA1

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Sunday, July 27, 2014

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Date Received: 07/07/2014
Date Completed: 07/23/2014
Job #: 201441468
Reference:
Sample #: 56

Acc #	Client ID	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
112566	1482450	2	3.50	10	459	2	5	<0.01	<4	2	33	45	1.24	<0.01	<1	0.09	<100	<1	53	121	18	5	40	2108	111	836	<2	6	<10	65	84
112567	1482451	1	3.22	7	123	<2	30	3.92	9	46	31	17	10.07	0.12	6	1.45	1305	<1	42	1661	20	<5	15	2028	235	11249	2	101	<10	39	107
112568	1482452	<1	4.42	15	664	<2	37	4.54	8	50	76	28	9.00	0.24	<1	2.73	1583	<1	82	1027	13	5	8	1933	178	7714	<2	277	18	27	99
112569	1482453	<1	4.74	8	7	<2	11	4.05	7	44	51	23	7.65	0.03	1	2.27	1136	<1	88	1887	16	<5	14	1921	192	9190	<2	187	12	17	92
112570	1482455	2	0.74	5	24	<2	16	<0.01	<4	2	99	35	1.56	<0.01	<1	0.08	<100	18	140	177	16	<5	21	2271	110	882	<2	17	<10	5	14
112571	1482456	1	3.69	21	186	<2	22	1.69	5	14	44	64	6.34	<0.01	3	0.63	621	7	81	982	14	<5	29	2111	201	6365	<2	37	11	29	35
112572	1482457															NS															
112573	1482458	1	4.10	13	35	<2	22	3.67	7	40	68	17	7.21	<0.01	3	2.07	1116	<1	118	1900	13	<5	30	2041	183	8665	<2	161	<10	18	79
112574	1482459	1	3.23	10	333	2	12	0.12	<4	3	47	22	2.53	<0.01	<1	0.19	213	<1	81	128	12	5	26	1985	127	1034	<2	9	10	31	44
112575	1482460	1	3.36	12	278	2	18	<0.01	<4	2	53	13	1.39	0.02	2	0.17	164	<1	69	158	8	<5	30	2071	103	932	<2	6	<10	27	30
112576D	1482460	2	3.96	12	306	2	17	<0.01	<4	3	55	12	1.46	<0.01	2	0.18	171	<1	75	168	16	5	28	2128	106	961	<2	7	<10	30	33
112577	1482461	1	3.30	6	386	<2	13	<0.01	<4	2	28	13	1.16	<0.01	<1	0.14	133	<1	52	137	13	<5	33	2065	101	857	<2	5	<10	28	22
112578	1482462	1	3.62	15	1166	2	18	<0.01	<4	<1	33	10	0.57	<0.01	<1	0.04	<100	<1	54	129	19	<5	42	2012	110	871	9	5	11	25	6
112579	1482464	1	4.34	13	218	<2	25	3.76	5	34	90	16	6.13	0.04	10	2.20	908	<1	84	829	19	<5	15	2049	497	6133	<2	195	11	23	74
112580	1482468	<1	4.56	16	28	<2	20	4.36	5	28	92	47	5.78	0.05	4	2.45	735	<1	60	537	11	<5	24	2107	226	5457	2	210	<10	17	45
112581	1482471	<1	3.95	8	889	2	17	1.62	<4	15	103	5	2.72	0.26	1	1.17	499	<1	86	966	39	<5	35	1990	777	2895	<2	68	<10	12	45
112582	1482472	<1	4.49	4	120	<2	18	4.29	5	32	97	10	5.85	0.14	6	2.42	790	<1	69	542	14	<5	16	1947	336	5207	3	191	<10	17	40
112583	1482474	1	4.93	17	37	<2	23	5.00	8	54	30	65	9.56	<0.01	6	2.27	1340	<1	64	1372	19	<5	14	2064	247	8547	<2	316	11	36	90
112584	1482475	1	3.68	4	342	2	9	2.47	7	22	35	20	8.56	<0.01	4	0.54	1346	<1	48	2046	18	<5	19	2144	237	6572	8	16	<10	55	91
112585	1482476	<1	3.74	15	71	<2	26	5.35	10	69	26	22	11.91	<0.01	4	1.98	1664	<1	71	1108	13	<5	5	2186	226	12016	6	582	11	28	136

PROCEDURE CODES: ALP1, ALFA1, ALMA1

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Sunday, July 27, 2014

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Date Received: 07/07/2014
Date Completed: 07/23/2014
Job #: 201441468
Reference:
Sample #: 56

Acc #	Client ID	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
112586	1482478															NS															
112587D	1482478															NS															
112588	1482479	2	4.05	19	761	2	17	0.03	<4	4	36	5	3.83	<0.01	10	0.31	581	<1	55	151	20	<5	27	2128	101	1920	12	10	13	127	189
112589	1482480	2	3.78	11	326	3	27	0.16	<4	2	57	41	1.86	<0.01	2	0.18	464	2	80	130	15	<5	32	2022	100	1596	<2	7	20	119	596
112590	1482482	2	3.16	11	<1	2	13	<0.01	<4	6	24	8	2.97	<0.01	2	0.54	406	<1	36	192	12	<5	27	2096	133	1306	<2	5	10	53	52
112591	1482484	<1	5.14	12	710	2	21	3.28	4	34	404	35	4.52	0.14	13	3.85	807	<1	226	1461	15	<5	22	1941	993	3835	9	117	<10	16	71
112592	1482485	2	2.30	9	489	2	18	0.11	<4	6	35	26	2.46	0.15	<1	0.23	285	<1	38	161	17	5	25	2004	135	1860	<2	8	<10	89	37
112593	1482488	1	2.88	7	117	<2	29	2.95	8	35	35	5	9.78	0.03	7	0.72	1532	<1	50	1862	16	<5	24	2049	194	7669	<2	33	<10	48	182
112594	1482490	1	3.34	11	243	2	16	0.13	<4	4	25	16	1.37	0.16	<1	0.18	171	<1	38	116	12	<5	33	2038	138	930	<2	5	11	93	39
112595	1482491	1	4.27	18	623	2	17	<0.01	<4	3	35	4	1.46	<0.01	3	0.49	219	<1	63	107	12	<5	44	2096	105	962	<2	6	<10	45	62
112596	1482493	2	4.66	16	310	2	22	2.66	7	25	30	3	8.13	<0.01	7	0.75	1335	<1	41	2051	11	<5	31	2229	214	7273	<2	17	12	57	105
112597	1482494	1	4.45	20	359	2	26	2.04	8	20	35	5	9.30	<0.01	7	0.53	1216	<1	63	1288	14	<5	7	2224	204	6168	10	9	<10	60	109
112598	1482496	<1	4.98	13	60	<2	28	5.38	8	50	70	41	9.26	<0.01	3	2.58	1546	<1	65	1082	14	<5	14	2017	232	8284	<2	288	<10	30	110
112599	1482497	1	4.71	15	199	<2	37	2.54	5	25	74	25	5.70	0.16	3	1.59	980	<1	60	771	12	<5	23	2029	196	6125	<2	168	<10	26	48
112600	1482498	2	4.14	11	317	3	30	0.66	<4	3	35	61	2.08	0.11	4	0.28	570	<1	6	126	15	5	27	2052	106	1642	<2	4	<10	113	93
112601	1482499	1	3.87	21	244	<2	13	2.15	7	21	32	7	7.63	0.09	4	0.43	1073	<1	8	1584	14	<5	22	2053	247	6048	<2	9	<10	61	83
112602	279502	1	4.60	11	292	<2	10	0.90	5	20	91	23	6.35	0.19	25	3.65	1087	<1	26	566	33	<5	33	2081	207	5812	3	232	<10	13	285
112603	279504	1	4.09	10	664	3	9	0.15	<4	2	19	7	1.16	0.20	4	0.24	252	<1	4	129	11	<5	44	2129	108	962	<2	4	<10	118	54
112604	279505	1	3.98	7	286	2	22	2.76	7	18	25	6	8.31	0.15	4	0.34	1578	<1	2	1216	23	<5	11	2117	197	5875	14	7	11	56	152
112605	279506	1	4.18	15	109	2	23	3.40	7	28	31	6	8.70	<0.01	4	0.57	1520	<1	2	2122	16	<5	28	2146	194	7569	<2	20	13	61	139

PROCEDURE CODES: ALP1, ALFA1, ALMA1

Certified By: Jason Moore, VP Operations, Assayer

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Sunday, July 27, 2014

Final Certificate

NuVision Resources ULC
225 5th Ave West
Owen Sound, ON, CA
N4K6G3
Ph#: (519) 470-7455
Email: georaoul@gmail.com, raybernatchez@gmail.com

Date Received: 07/07/2014
Date Completed: 07/23/2014
Job #: 201441468
Reference:
Sample #: 56

Acc #	Client ID	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
112606	279508	1	5.96	17	175	2	43	5.41	8	46	147	52	9.10	0.23	19	3.08	1082	<1	107	3237	14	<5	24	2196	484	17593	<2	212	10	29	81
112607	279509	1	3.72	12	323	2	45	2.82	7	35	120	110	8.87	0.14	19	2.49	672	<1	52	2623	16	<5	21	2104	237	16092	2	186	13	25	65
112608	279510	<1	2.08	12	<1	<2	12	3.84	8	43	17	25	8.79	0.08	<1	1.67	1347	<1	25	1036	15	<5	16	1788	207	9028	<2	337	10	26	115
112609D	279510	<1	3.36	14	15	<2	27	4.62	9	47	22	30	10.01	0.11	1	1.87	1527	<1	29	1175	16	<5	30	2019	234	10142	<2	381	10	29	133
112610	279511	1	3.98	14	265	2	30	2.67	7	21	21	6	7.73	0.09	9	0.55	1388	<1	6	1527	17	<5	<5	2208	185	5602	6	9	10	59	151
112611	279512	1	5.24	13	64	<2	21	4.99	7	52	109	30	8.61	0.06	6	2.29	1112	<1	72	2447	18	<5	20	2097	263	14120	<2	193	17	25	78
112612	279514	<1	4.94	24	57	<2	34	5.05	10	68	14	39	11.59	0.01	5	2.03	1626	<1	13	1135	17	<5	41	2108	244	12659	<2	497	14	31	111
112613	279517	2	3.64	19	484	2	20	<0.01	<4	2	33	5	1.26	<0.01	5	0.23	103	<1	7	134	9	<5	39	2110	95	875	<2	5	<10	74	23
112614	279518	1	5.10	12	169	<2	9	1.54	5	28	15	87	6.00	0.06	10	2.09	907	<1	11	741	19	<5	5	2040	189	5595	<2	187	13	24	303
112615	279519	1	3.69	15	<1	3	25	0.57	<4	2	43	5	0.91	<0.01	<1	0.10	132	<1	3	<100	14	<5	34	2042	104	875	<2	4	<10	102	25
112616	279520	<1	4.81	11	11	<2	11	4.99	8	52	64	54	8.89	0.08	9	2.71	1559	<1	44	985	17	<5	30	2076	262	7719	7	268	<10	26	121
112617	279521	1	5.71	18	<1	<2	32	>10.00	7	27	79	41	7.86	<0.01	<1	1.17	1100	<1	25	795	13	<5	32	2076	2037	6029	<2	296	10	22	29
112618	279522	<1	3.46	11	114	<2	22	4.53	10	46	9	7	11.47	0.30	4	1.08	1876	<1	3	4182	16	<5	6	2016	176	10806	<2	32	<10	52	134
112619	279524	2	3.36	6	40	<2	17	3.15	<4	5	24	55	2.40	0.02	<1	1.54	342	<1	4	493	13	<5	24	2310	144	1326	<2	12	16	22	13
112620	1482151	2	1.65	8	389	<2	16	<0.01	<4	23	32	407	3.73	0.02	5	0.22	171	<1	11	318	14	<5	28	2431	91	1823	3	10	107	22	24
112621	1482152	2	0.56	14	66	<2	12	<0.01	4	26	44	208	4.62	<0.01	<1	0.19	166	<1	9	198	18	<5	12	2460	92	890	<2	11	15	9	26
112622	1482153	2	1.69	9	<1	<2	22	<0.01	<4	4	43	7	2.66	<0.01	2	0.48	259	<1	7	125	12	<5	17	2424	108	615	<2	12	13	32	51
112623	1482154	1	1.83	11	<1	<2	10	0.16	<4	8	50	34	2.11	0.04	2	0.50	321	<1	6	415	13	5	14	2432	119	1499	<2	9	<10	12	42
112624	1482155	1	3.69	13	30	<2	18	0.06	5	18	15	92	5.98	<0.01	<1	0.69	929	<1	4	1513	15	<5	34	2161	209	5143	<2	12	14	20	63

PROCEDURE CODES: ALP1, ALFA1, ALMA1

Certified By: Jason Moore, VP Operations, Assayer

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-1831-07/27/2014 1:50 PM

Quality Analysis ... *Innovative Technologies*

Date Submitted: 16-Jul-14
Invoice No.: A14-04765
Invoice Date: 28-Jul-14
Your Reference: Cat Key Project

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

ATTN: Allen Raoul

CERTIFICATE OF ANALYSIS

67 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 **A14-04765**

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	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
Detection Limit	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	0.01
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	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
279525	< 0.2	< 0.5	2	664	2	1	4	84	1.54	< 2	< 10	327	1.3	< 2	0.78	2	5	3.90	10	< 1	1.07	52	0.18
279526	0.4	< 0.5	1	489	< 1	< 1	5	69	1.48	< 2	< 10	217	1.2	< 2	0.79	< 1	3	2.40	10	< 1	0.97	55	0.21
279527	< 0.2	< 0.5	62	944	< 1	13	< 2	107	3.18	< 2	< 10	185	< 0.5	< 2	2.95	30	2	8.73	10	< 1	0.73	< 10	1.67
279528	< 0.2	0.9	2	1040	< 1	2	4	196	2.32	5	< 10	443	0.8	< 2	0.79	10	4	7.32	20	< 1	1.42	32	0.77
279530	< 0.2	0.6	14	1130	< 1	1	< 2	165	3.26	< 2	< 10	255	0.8	< 2	2.82	17	2	8.94	10	< 1	0.79	24	0.88
279531	< 0.2	< 0.5	41	961	< 1	25	< 2	83	3.48	< 2	< 10	74	< 0.5	< 2	2.75	27	19	6.79	10	< 1	0.26	10	2.01
279533	0.4	< 0.5	1	491	< 1	2	< 2	39	1.34	< 2	< 10	160	0.6	< 2	1.13	< 1	7	3.32	10	< 1	0.43	43	0.15
279536	< 0.2	< 0.5	< 1	406	< 1	2	< 2	43	0.99	< 2	< 10	100	0.9	< 2	0.98	< 1	7	2.26	< 10	< 1	0.24	46	0.04
279537	< 0.2	< 0.5	41	1190	< 1	32	3	164	3.39	5	< 10	108	< 0.5	< 2	2.56	32	55	9.43	10	< 1	0.36	13	2.06
279539	< 0.2	< 0.5	< 1	430	< 1	< 1	3	41	0.98	< 2	< 10	153	0.8	< 2	0.71	< 1	4	1.77	< 10	< 1	0.53	43	0.08
279540	< 0.2	< 0.5	< 1	724	< 1	1	< 2	42	0.71	< 2	< 10	142	0.5	< 2	0.50	< 1	6	3.13	< 10	< 1	0.32	47	0.06
279541	< 0.2	< 0.5	< 1	692	< 1	< 1	2	49	1.06	< 2	< 10	141	0.5	< 2	1.34	< 1	4	2.63	< 10	< 1	0.25	39	0.05
279542	< 0.2	< 0.5	2	526	< 1	2	< 2	13	0.40	< 2	< 10	29	< 0.5	< 2	0.04	< 1	11	2.25	< 10	< 1	0.04	19	0.07
279544	0.4	< 0.5	< 1	214	< 1	< 1	3	76	1.30	< 2	< 10	175	0.7	< 2	0.13	< 1	3	1.57	< 10	< 1	0.96	61	0.42
279545	< 0.2	< 0.5	14	1050	< 1	8	< 2	94	2.86	< 2	< 10	79	< 0.5	< 2	3.01	30	1	9.03	10	< 1	0.35	10	1.57
279547	0.4	< 0.5	9	417	1	< 1	10	244	1.11	< 2	< 10	146	1.2	< 2	0.11	< 1	4	3.55	10	< 1	0.82	37	0.18
279548	0.4	0.6	12	329	< 1	2	9	300	0.37	< 2	< 10	72	0.7	< 2	0.27	< 1	7	1.20	< 10	< 1	0.25	41	0.03
279549	< 0.2	< 0.5	4	2680	< 1	1	< 2	186	2.53	2	< 10	69	< 0.5	< 2	2.59	7	3	7.07	20	< 1	0.08	17	1.22
279550	< 0.2	< 0.5	1	538	< 1	< 1	< 2	107	2.19	3	< 10	131	0.7	2	0.26	2	3	5.60	20	< 1	0.48	37	0.87
279552	< 0.2	< 0.5	80	1130	< 1	47	< 2	381	4.53	2	< 10	100	< 0.5	< 2	4.00	30	174	8.72	10	< 1	0.71	< 10	3.42
279553	0.8	< 0.5	3	351	< 1	2	2	41	1.04	< 2	< 10	126	1.4	< 2	0.33	< 1	5	2.71	10	< 1	0.51	59	0.21
279554	< 0.2	< 0.5	58	763	< 1	44	< 2	55	3.33	< 2	< 10	19	< 0.5	< 2	2.19	22	47	5.58	10	< 1	0.06	< 10	1.93
279556	< 0.2	< 0.5	5	1000	< 1	< 1	< 2	143	3.07	2	< 10	27	< 0.5	< 2	2.07	4	2	7.46	20	< 1	0.07	11	0.53
279557	< 0.2	< 0.5	< 1	730	< 1	< 1	< 2	102	1.76	< 2	< 10	30	< 0.5	< 2	0.75	2	3	5.77	20	< 1	0.05	39	0.97
279558	< 0.2	0.8	4	1970	< 1	1	< 2	102	2.65	< 2	< 10	27	< 0.5	< 2	3.29	8	2	7.40	20	< 1	0.07	16	1.28
279561	< 0.2	< 0.5	4	886	< 1	< 1	< 2	119	3.05	< 2	< 10	376	0.8	< 2	2.43	19	1	8.32	20	< 1	1.13	24	0.90
279562	< 0.2	< 0.5	27	548	< 1	31	< 2	36	2.48	< 2	< 10	61	< 0.5	< 2	1.87	16	46	3.47	< 10	< 1	0.25	< 10	1.77
279564	< 0.2	< 0.5	18	668	< 1	30	< 2	67	3.46	< 2	< 10	100	< 0.5	< 2	2.99	15	24	4.78	10	< 1	0.43	21	1.59
279565	< 0.2	< 0.5	10	953	< 1	< 1	< 2	107	3.05	< 2	< 10	298	0.9	< 2	2.57	18	2	8.93	20	< 1	0.78	23	0.86
279567	< 0.2	< 0.5	40	808	< 1	47	< 2	66	3.05	< 2	< 10	59	< 0.5	< 2	2.47	26	51	6.57	10	< 1	0.23	< 10	2.13
279568	0.8	< 0.5	< 1	354	1	< 1	2	44	1.31	< 2	< 10	200	0.7	< 2	0.95	1	4	2.48	< 10	< 1	0.81	64	0.32
279569	< 0.2	< 0.5	60	953	< 1	18	< 2	90	3.34	3	< 10	267	< 0.5	3	2.42	32	11	7.70	10	< 1	0.89	15	1.71
279570	< 0.2	< 0.5	18	641	< 1	< 1	2	140	1.64	< 2	< 10	112	< 0.5	< 2	1.01	3	3	5.34	10	< 1	0.54	34	0.71
279571	0.7	< 0.5	< 1	239	< 1	< 1	3	140	0.59	< 2	< 10	99	< 0.5	< 2	0.17	< 1	2	1.85	< 10	< 1	0.43	24	0.13
279573	< 0.2	< 0.5	20	561	< 1	78	< 2	47	3.24	< 2	< 10	18	< 0.5	< 2	1.66	26	198	4.13	< 10	< 1	0.04	< 10	2.61
279574	0.5	< 0.5	17	223	2	< 1	5	62	0.87	< 2	< 10	127	1.6	< 2	0.09	< 1	5	1.82	< 10	< 1	0.54	37	0.14
279576	< 0.2	< 0.5	67	864	< 1	29	< 2	83	3.08	< 2	< 10	55	< 0.5	< 2	1.68	30	36	6.45	10	< 1	0.16	< 10	1.95
279577	< 0.2	1.2	88	1050	< 1	15	< 2	111	3.58	< 2	< 10	11	< 0.5	< 2	4.61	35	11	8.22	20	< 1	0.01	17	2.42
279579	< 0.2	< 0.5	41	941	< 1	30	< 2	106	3.20	5	< 10	20	< 0.5	< 2	2.52	29	94	6.58	10	< 1	0.04	< 10	2.47
279581	< 0.2	< 0.5	4	431	1	2	13	180	1.25	< 2	< 10	121	1.3	< 2	1.46	< 1	3	1.17	< 10	< 1	0.77	56	0.14
279582	0.6	< 0.5	72	464	< 1	< 1	2	78	1.55	< 2	< 10	106	1.3	< 2	0.45	< 1	3	2.43	< 10	< 1	1.06	42	0.18
279584	< 0.2	< 0.5	18	1000	< 1	4	2	120	2.84	< 2	< 10	199	< 0.5	< 2	1.81	18	8	7.82	20	< 1	0.75	31	1.79
279585	< 0.2	< 0.5	67	846	< 1	90	< 2	106	3.81	< 2	< 10	95	< 0.5	< 2	2.23	33	116	6.74	10	< 1	0.38	14	2.52
279587	< 0.2	< 0.5	< 1	261	< 1	< 1	3	38	0.88	< 2	< 10	117	1.4	< 2	0.57	< 1	3	0.99	< 10	< 1	0.59	67	0.09
279588	0.5	< 0.5	< 1	609	< 1	< 1	3	116	1.28	< 2	< 10	163	< 0.5	< 2	0.32	< 1	4	3.03	10	< 1	0.96	47	0.37
279589	0.4	< 0.5	< 1	251	< 1	< 1	5	99	1.32	< 2	< 10	195	0.8	< 2	0.04	< 1	2	2.87	10	< 1	0.87	54	0.22
279591	< 0.2	< 0.5	2	704	1	< 1	5	110	1.25	3	< 10	108	< 0.5	2	0.90	< 1	4	3.22	< 10	< 1	0.49	33	0.41
279593	< 0.2	< 0.5	15	1040	< 1	27	< 2	89	3.62	< 2	< 10	35	< 0.5	< 2	2.36	30	18	7.55	10	< 1	0.12	< 10	2.20
279594	< 0.2	< 0.5	48	815	< 1	15	< 2	73	3.01	< 2	< 10	97	< 0.5	< 2	2.00	24	23	6.22	10	< 1	0.44	< 10	1.74

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
Detection Limit	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	0.01
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	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
279595	< 0.2	< 0.5	97	999	< 1	13	< 2	57	2.73	< 2	< 10	125	< 0.5	2	2.98	27	14	6.41	10	< 1	0.62	< 10	1.72
279597	< 0.2	0.8	57	1350	< 1	144	< 2	216	4.82	< 2	< 10	45	< 0.5	< 2	2.99	36	245	8.17	10	< 1	0.22	< 10	4.56
279598	0.3	< 0.5	< 1	177	< 1	< 1	3	27	0.55	< 2	< 10	83	0.9	< 2	0.35	< 1	5	1.44	< 10	< 1	0.34	50	0.08
279600	0.8	< 0.5	17	191	1	< 1	35	39	0.43	18	< 10	101	< 0.5	< 2	0.01	< 1	8	2.12	< 10	< 1	0.37	< 10	0.05
279602	0.5	2.1	15	247	1	2	29	595	0.30	3	< 10	65	< 0.5	< 2	0.05	< 1	8	1.69	< 10	< 1	0.21	< 10	0.04
279603	0.5	< 0.5	17	273	2	< 1	8	51	1.01	< 2	< 10	204	0.8	< 2	< 0.01	< 1	7	2.40	10	< 1	0.75	17	0.26
279605	0.3	< 0.5	< 1	175	< 1	< 1	3	80	0.51	< 2	< 10	74	0.7	< 2	0.24	< 1	5	1.83	< 10	< 1	0.34	33	0.07
279606	< 0.2	< 0.5	77	805	< 1	< 1	< 2	73	2.64	< 2	< 10	350	< 0.5	< 2	1.68	12	6	6.16	10	< 1	1.41	21	1.24
279607	< 0.2	< 0.5	44	952	< 1	17	< 2	87	2.82	< 2	< 10	123	< 0.5	< 2	2.38	24	14	6.37	10	< 1	0.40	11	1.55
279608	0.5	< 0.5	15	1060	< 1	1	5	137	1.39	< 2	< 10	120	0.5	< 2	0.26	1	4	3.59	10	< 1	0.36	41	0.51
279610	< 0.2	< 0.5	46	768	< 1	28	< 2	59	3.02	4	< 10	33	< 0.5	< 2	2.02	21	31	5.12	< 10	< 1	0.11	< 10	1.76
279611	< 0.2	< 0.5	15	257	< 1	4	< 2	18	0.83	< 2	< 10	85	< 0.5	< 2	1.77	4	6	1.12	< 10	< 1	0.34	< 10	0.16
279613	0.2	< 0.5	105	811	< 1	47	< 2	79	3.37	16	< 10	83	< 0.5	< 2	2.17	39	23	7.39	< 10	< 1	0.48	< 10	1.94
279615	< 0.2	< 0.5	28	1530	< 1	16	6	32	0.85	< 2	< 10	116	< 0.5	< 2	4.74	5	40	4.26	< 10	< 1	0.24	45	1.31
279616	0.8	< 0.5	23	327	< 1	21	19	7	0.17	16	< 10	30	< 0.5	4	0.49	5	16	2.31	< 10	< 1	0.05	< 10	0.12
279617	< 0.2	< 0.5	< 1	1320	< 1	2	3	104	2.36	11	< 10	50	< 0.5	< 2	2.82	15	2	9.58	20	< 1	0.13	23	0.48
279618	< 0.2	< 0.5	68	732	< 1	30	< 2	56	3.00	14	< 10	59	< 0.5	< 2	2.31	26	33	5.07	< 10	< 1	0.15	< 10	1.65
279619	< 0.2	< 0.5	28	895	< 1	30	< 2	72	2.40	5	< 10	16	< 0.5	< 2	1.38	27	48	5.64	< 10	< 1	0.02	< 10	1.80

Results

Analyte Symbol	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	ppb
Detection Limit	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1	5
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	FA-AA
279525	0.224	0.013	0.01	3	6	26	0.23	4	< 2	< 10	3	< 10	109	94	< 5
279526	0.160	0.007	< 0.01	< 2	2	13	0.11	3	< 2	< 10	1	< 10	125	224	< 5
279527	0.290	0.082	0.15	4	19	41	0.62	7	< 2	< 10	412	< 10	19	11	< 5
279528	0.237	0.124	< 0.01	4	12	23	0.25	10	< 2	< 10	4	< 10	50	8	< 5
279530	0.364	0.219	0.05	6	18	45	0.18	2	< 2	< 10	11	< 10	41	5	< 5
279531	0.215	0.086	0.02	< 2	14	61	0.45	9	< 2	< 10	167	< 10	17	8	< 5
279533	0.149	0.008	< 0.01	3	2	41	0.13	4	< 2	< 10	2	< 10	95	177	< 5
279536	0.149	0.004	< 0.01	< 2	< 1	15	0.04	4	< 2	< 10	1	< 10	31	46	< 5
279537	0.105	0.097	0.11	3	14	66	0.43	< 1	< 2	< 10	228	< 10	22	5	< 5
279539	0.130	0.003	< 0.01	< 2	< 1	9	0.09	3	< 2	< 10	1	< 10	22	79	< 5
279540	0.106	0.004	< 0.01	3	< 1	8	0.06	4	< 2	< 10	< 1	< 10	19	54	< 5
279541	0.137	0.004	< 0.01	< 2	< 1	13	0.07	< 1	< 2	< 10	1	< 10	22	39	< 5
279542	0.185	0.003	< 0.01	< 2	< 1	4	< 0.01	< 1	< 2	< 10	< 1	< 10	8	35	< 5
279544	0.117	0.003	< 0.01	< 2	1	8	0.07	< 1	< 2	< 10	< 1	< 10	98	173	< 5
279545	0.301	0.085	0.01	< 2	19	43	0.53	7	< 2	< 10	368	< 10	17	9	10
279547	0.156	0.008	0.22	< 2	2	6	0.15	2	< 2	< 10	2	< 10	32	129	8
279548	0.143	0.003	0.04	< 2	< 1	7	0.07	3	< 2	< 10	< 1	< 10	27	114	12
279549	0.102	0.160	0.04	< 2	20	65	0.13	5	< 2	< 10	2	< 10	35	5	< 5
279550	0.132	0.025	< 0.01	3	5	7	0.10	< 1	< 2	< 10	5	< 10	16	9	8
279552	0.049	0.106	0.22	5	29	30	0.43	3	< 2	< 10	222	< 10	10	5	< 5
279553	0.249	0.008	< 0.01	< 2	4	10	0.15	4	< 2	< 10	3	< 10	107	292	16
279554	0.143	0.040	0.02	< 2	7	44	0.48	3	< 2	< 10	129	< 10	10	4	6
279556	0.104	0.154	< 0.01	4	18	96	0.14	5	< 2	< 10	3	< 10	27	6	< 5
279557	0.161	0.027	< 0.01	3	7	30	0.09	3	< 2	< 10	6	< 10	19	7	< 5
279558	0.091	0.136	< 0.01	3	18	67	0.12	< 1	< 2	< 10	2	< 10	41	6	< 5
279561	0.327	0.161	< 0.01	2	18	51	0.23	4	2	< 10	51	< 10	40	6	< 5
279562	0.163	0.053	< 0.01	< 2	8	59	0.36	5	< 2	< 10	94	< 10	7	12	< 5
279564	0.120	0.111	< 0.01	3	12	210	0.48	3	< 2	< 10	135	< 10	11	14	< 5
279565	0.329	0.202	< 0.01	3	17	48	0.17	< 1	< 2	< 10	47	< 10	37	6	< 5
279567	0.244	0.071	0.05	3	14	42	0.45	5	< 2	< 10	242	< 10	13	9	< 5
279568	0.187	0.011	< 0.01	< 2	3	10	0.17	5	< 2	< 10	3	< 10	104	292	< 5
279569	0.154	0.083	0.09	3	16	66	0.48	< 1	< 2	< 10	208	< 10	20	13	< 5
279570	0.114	0.020	0.09	3	5	31	0.15	< 1	< 2	< 10	5	< 10	18	17	6
279571	0.127	0.004	< 0.01	< 2	< 1	4	0.11	2	< 2	< 10	1	< 10	62	253	13
279573	0.089	0.045	< 0.01	2	7	63	0.30	2	< 2	< 10	67	< 10	5	5	5
279574	0.199	0.004	0.05	< 2	2	3	0.07	4	< 2	< 10	2	< 10	69	200	< 5
279576	0.104	0.077	0.13	3	10	44	0.44	2	< 2	< 10	152	< 10	13	9	< 5
279577	0.061	0.121	0.11	4	24	57	0.12	< 1	< 2	< 10	230	< 10	16	6	7
279579	0.101	0.032	0.08	< 2	11	61	0.52	4	< 2	< 10	196	< 10	9	5	< 5
279581	0.065	0.005	0.01	< 2	< 1	12	0.04	< 1	< 2	< 10	4	< 10	84	118	< 5
279582	0.047	0.005	< 0.01	< 2	1	6	0.10	1	< 2	< 10	1	< 10	52	201	7
279584	0.118	0.122	0.02	2	9	98	0.10	7	< 2	< 10	74	< 10	24	4	< 5
279585	0.067	0.107	0.10	3	6	166	0.46	< 1	< 2	< 10	131	< 10	11	4	< 5
279587	0.080	0.001	< 0.01	< 2	< 1	11	0.02	2	< 2	< 10	1	< 10	47	77	< 5
279588	0.137	0.002	< 0.01	< 2	1	9	0.15	2	< 2	< 10	1	< 10	16	181	< 5
279589	0.102	0.006	< 0.01	< 2	1	3	0.13	< 1	< 2	< 10	1	< 10	23	131	69
279591	0.099	0.010	< 0.01	< 2	2	15	0.11	4	< 2	< 10	1	< 10	14	37	< 5
279593	0.129	0.100	0.02	4	14	66	0.53	7	< 2	< 10	181	< 10	17	16	< 5
279594	0.134	0.067	0.01	< 2	11	108	0.60	8	< 2	< 10	204	< 10	9	9	< 5

Analyte Symbol	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	ppb
Detection Limit	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1	5
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	FA-AA
279595	0.119	0.059	< 0.01	2	11	56	0.65	9	5	< 10	280	< 10	9	11	< 5
279597	0.059	0.069	< 0.01	< 2	21	28	0.47	2	< 2	< 10	169	< 10	11	5	< 5
279598	0.141	0.002	< 0.01	< 2	< 1	9	0.04	< 1	< 2	< 10	1	< 10	43	122	< 5
279600	0.118	0.004	0.08	< 2	< 1	2	0.04	5	< 2	< 10	1	< 10	21	98	< 5
279602	0.079	0.004	0.09	< 2	< 1	2	0.02	< 1	< 2	< 10	1	< 10	23	68	< 5
279603	0.130	0.005	0.12	< 2	1	2	0.07	2	< 2	< 10	2	< 10	30	137	< 5
279605	0.149	0.001	< 0.01	< 2	< 1	10	0.03	1	< 2	< 10	1	< 10	40	111	< 5
279606	0.145	0.128	0.03	2	11	106	0.39	7	< 2	< 10	25	< 10	20	10	< 5
279607	0.159	0.104	0.01	3	12	68	0.46	7	< 2	< 10	163	< 10	17	11	< 5
279608	0.081	0.003	0.01	< 2	< 1	14	0.08	< 1	< 2	< 10	2	< 10	26	158	< 5
279610	0.103	0.056	< 0.01	< 2	9	62	0.34	9	< 2	< 10	109	< 10	11	8	< 5
279611	0.115	0.026	0.03	< 2	< 1	44	0.04	< 1	< 2	< 10	5	< 10	2	3	< 5
279613	0.081	0.033	0.14	4	12	61	0.61	5	4	< 10	351	< 10	7	6	< 5
279615	0.144	0.125	0.20	2	5	201	0.09	7	< 2	< 10	28	< 10	7	4	93
279616	0.052	0.018	0.20	< 2	< 1	20	0.02	< 1	< 2	< 10	5	< 10	1	6	2560
279617	0.110	0.138	< 0.01	4	16	68	0.12	5	< 2	< 10	3	< 10	25	6	< 5
279618	0.129	0.059	0.07	< 2	9	71	0.40	11	< 2	< 10	137	< 10	11	9	< 5
279619	0.067	0.050	0.03	2	14	7	0.34	3	< 2	< 10	126	< 10	10	7	< 5

QC

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
Detection Limit	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	0.01
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	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-1 Meas	31.4	2.1	1110	814	13	23	642	678	0.35	379	< 10	89	0.7	1520	0.74	4	6	22.2	< 10	3	0.03	< 10	0.13
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	0.217
GXR-4 Meas	3.7	< 0.5	6040	135	285	29	39	65	2.66	93	< 10	16	1.2	6	0.84	12	50	2.88	10	< 1	1.63	46	1.55
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	1.66
GXR-6 Meas	0.2	< 0.5	62	1000	< 1	18	89	118	7.07	181	< 10	802	0.8	< 2	0.14	12	75	5.33	20	< 1	1.14	< 10	0.39
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	0.609
SAR-M (U.S.G.S.) Meas	3.5	5.6	322	4720	12	37	1040	1000	1.21	36		167	0.9	< 2	0.30	10	89	2.83	< 10		0.30	48	0.36
SAR-M (U.S.G.S.) Cert	3.64	5.27	331	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	0.50
OxD108 Meas																							
OxD108 Cert																							
OxD108 Meas																							
OxD108 Cert																							
OxD108 Meas																							
OxD108 Cert																							
SF67 Meas																							
SF67 Cert																							
SF67 Meas																							
SF67 Cert																							
SF67 Meas																							
SF67 Cert																							
279539 Orig																							
279539 Dup																							
279542 Orig	< 0.2	< 0.5	2	536	< 1	2	< 2	14	0.41	< 2	< 10	29	< 0.5	< 2	0.04	< 1	11	2.29	< 10	< 1	0.04	19	0.07
279542 Dup	< 0.2	< 0.5	2	516	< 1	3	< 2	13	0.39	< 2	< 10	28	< 0.5	< 2	0.04	< 1	11	2.21	< 10	< 1	0.04	19	0.06
279562 Orig	< 0.2	< 0.5	27	547	< 1	31	< 2	36	2.49	3	< 10	61	< 0.5	< 2	1.87	17	46	3.46	< 10	< 1	0.25	< 10	1.77
279562 Dup	< 0.2	< 0.5	27	549	< 1	31	< 2	36	2.48	< 2	< 10	62	< 0.5	< 2	1.87	16	46	3.47	< 10	< 1	0.25	< 10	1.78
279567 Orig	< 0.2	< 0.5	40	808	< 1	47	< 2	66	3.05	< 2	< 10	59	< 0.5	< 2	2.47	26	51	6.57	10	< 1	0.23	< 10	2.13
279567 Split	< 0.2	< 0.5	40	811	< 1	46	< 2	67	3.08	< 2	< 10	58	< 0.5	< 2	2.49	27	53	6.63	10	< 1	0.23	< 10	2.15
279567 Orig																							
279567 Dup																							
279579 Orig	< 0.2	< 0.5	41	949	< 1	30	< 2	105	3.24	6	< 10	20	< 0.5	3	2.52	29	95	6.66	10	< 1	0.04	< 10	2.49
279579 Dup	< 0.2	< 0.5	42	932	< 1	30	< 2	106	3.16	4	< 10	19	< 0.5	< 2	2.52	29	94	6.49	10	< 1	0.04	< 10	2.45
279588 Orig																							
279588 Dup																							
279595 Orig	< 0.2	< 0.5	97	999	< 1	13	< 2	57	2.73	< 2	< 10	125	< 0.5	2	2.98	27	14	6.41	10	< 1	0.62	< 10	1.72
279595 Split	< 0.2	< 0.5	97	993	< 1	11	< 2	56	2.75	< 2	< 10	126	< 0.5	< 2	2.92	28	13	6.31	10	< 1	0.62	< 10	1.67
279598 Orig	0.3	< 0.5	2	179	< 1	< 1	4	26	0.55	< 2	< 10	84	0.9	< 2	0.36	< 1	5	1.45	< 10	< 1	0.35	50	0.08
279598 Dup	0.3	< 0.5	< 1	175	< 1	< 1	2	29	0.54	< 2	< 10	83	0.9	< 2	0.35	< 1	6	1.42	< 10	< 1	0.34	49	0.07
279603 Orig																							
279603 Dup																							
279610 Orig	< 0.2	< 0.5	46	768	< 1	28	< 2	59	3.02	4	< 10	33	< 0.5	< 2	2.02	21	31	5.12	< 10	< 1	0.11	< 10	1.76
279610 Split	< 0.2	< 0.5	44	763	< 1	30	< 2	58	3.00	4	< 10	34	< 0.5	< 2	2.03	21	31	5.08	< 10	< 1	0.11	< 10	1.76
279617 Orig																							
279617 Dup																							
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	< 0.01
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	< 0.01
Method Blank																							

Analyte Symbol	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
Detection Limit	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	0.01
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	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							

QC

Analyte Symbol	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	ppb
Detection Limit	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1	5
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	FA-AA
GXR-1 Meas	0.050	0.045	0.19	82	1	170	< 0.01	10	< 2	29	74	138	23	16	
GXR-1 Cert	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	0.127	0.122	1.65	3	7	64	0.13	3	< 2	< 10	77	11	11	10	
GXR-4 Cert	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	0.080	0.032	0.01	5	20	30		< 1	6	< 10	155	< 10	5	6	
GXR-6 Cert	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	0.039	0.065		6	3	29	0.05	< 1	< 2	< 10	36	< 10	19		
SAR-M (U.S.G.S.) Cert	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															367
OxD108 Cert															414.000
OxD108 Meas															410
OxD108 Cert															414.000
OxD108 Meas															364
OxD108 Cert															414.000
SF67 Meas															901
SF67 Cert															835.000
SF67 Meas															909
SF67 Cert															835.000
SF67 Meas															908
SF67 Cert															835.000
279539 Orig															< 5
279539 Dup															< 5
279542 Orig	0.191	0.003	< 0.01	< 2	< 1	4	< 0.01	< 1	< 2	< 10	1	< 10	8	37	
279542 Dup	0.180	0.003	< 0.01	< 2	< 1	4	< 0.01	< 1	< 2	< 10	< 1	< 10	8	33	
279562 Orig	0.164	0.054	< 0.01	< 2	8	60	0.37	6	< 2	< 10	94	< 10	7	13	
279562 Dup	0.163	0.052	< 0.01	< 2	8	58	0.35	4	< 2	< 10	93	< 10	7	11	
279567 Orig	0.244	0.071	0.05	3	14	42	0.45	5	< 2	< 10	242	< 10	13	9	< 5
279567 Split	0.243	0.072	0.05	< 2	14	43	0.44	2	< 2	< 10	246	< 10	13	9	< 5
279567 Orig															< 5
279567 Dup															< 5
279579 Orig	0.101	0.032	0.08	5	11	61	0.51	4	< 2	< 10	197	< 10	9	4	
279579 Dup	0.100	0.032	0.07	< 2	11	60	0.52	5	< 2	< 10	196	< 10	9	5	
279588 Orig															< 5
279588 Dup															< 5
279595 Orig	0.119	0.059	< 0.01	2	11	56	0.65	9	5	< 10	280	< 10	9	11	< 5
279595 Split	0.118	0.059	< 0.01	2	11	57	0.65	11	< 2	< 10	274	< 10	9	11	< 5
279598 Orig	0.143	0.002	< 0.01	< 2	< 1	9	0.05	2	< 2	< 10	2	< 10	44	122	
279598 Dup	0.139	0.002	< 0.01	< 2	< 1	8	0.04	< 1	< 2	< 10	1	< 10	42	121	
279603 Orig															< 5

Analyte Symbol	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	ppb
Detection Limit	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1	5
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	FA-AA
279603 Dup															< 5
279610 Orig	0.103	0.056	< 0.01	< 2	9	62	0.34	9	< 2	< 10	109	< 10	11	8	< 5
279610 Split	0.104	0.056	< 0.01	< 2	9	62	0.34	4	< 2	< 10	110	< 10	11	8	< 5
279617 Orig															6
279617 Dup															< 5
Method Blank	0.015	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	0.015	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank															< 5
Method Blank															< 5
Method Blank															< 5
Method Blank															< 5
Method Blank															< 5

Quality Analysis ... *Innovative Technologies*

Date Submitted: 22-Jul-14
Invoice No.: A14-04944
Invoice Date: 31-Jul-14
Your Reference: Cat Key Project

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

ATTN: Raymond Bernatchez

CERTIFICATE OF ANALYSIS

52 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 **A14-04944**

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
TM

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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
279620	11	< 0.2	< 0.5	12	285	< 1	4	2	25	1.18	< 2	< 10	141	< 0.5	< 2	1.32	2	5	1.42	< 10	< 1	0.39	10
279621	15	< 0.2	< 0.5	19	1300	1	1	< 2	122	2.96	6	< 10	62	< 0.5	< 2	3.15	18	< 1	10.2	20	< 1	0.15	29
279622	50	< 0.2	1.8	53	1630	< 1	< 1	< 2	202	3.19	< 2	< 10	19	< 0.5	< 2	1.45	8	1	10.5	20	2	0.03	21
279623	< 5	< 0.2	< 0.5	< 1	818	< 1	3	< 2	101	3.98	2	< 10	21	< 0.5	< 2	0.93	9	< 1	8.68	20	< 1	0.05	19
279624	5	< 0.2	< 0.5	1	1320	< 1	4	< 2	139	2.92	3	< 10	44	< 0.5	< 2	5.38	25	< 1	7.08	10	< 1	0.14	15
279625	2810	< 0.2	0.6	183	742	< 1	5	5	38	0.33	< 2	< 10	19	< 0.5	< 2	2.36	8	4	2.18	< 10	< 1	0.05	< 10
279626	< 5	< 0.2	< 0.5	12	1530	< 1	2	< 2	217	2.61	5	< 10	56	< 0.5	< 2	3.06	10	< 1	9.21	10	< 1	0.12	29
279627	< 5	0.5	< 0.5	37	1010	< 1	7	2	107	3.39	15	< 10	82	< 0.5	< 2	1.82	33	< 1	7.94	10	< 1	0.36	< 10
279628	< 5	< 0.2	< 0.5	11	1280	< 1	2	6	350	3.53	149	< 10	91	< 0.5	< 2	1.86	6	1	8.57	10	< 1	0.42	21
279629	< 5	< 0.2	< 0.5	11	1090	< 1	2	5	100	1.73	< 2	< 10	55	< 0.5	< 2	2.27	11	2	4.97	< 10	< 1	0.15	18
279630	< 5	< 0.2	< 0.5	< 1	1350	< 1	1	< 2	172	4.46	< 2	< 10	27	< 0.5	< 2	0.37	12	2	9.25	20	< 1	< 0.01	14
279631	< 5	< 0.2	< 0.5	< 1	932	1	2	< 2	127	2.05	3	< 10	49	< 0.5	3	1.96	7	1	6.22	10	< 1	0.11	12
279632	20	1.2	< 0.5	627	1100	< 1	25	7	207	1.66	4	< 10	18	< 0.5	< 2	2.96	27	49	6.21	< 10	< 1	0.11	< 10
279633	17	< 0.2	< 0.5	16	883	< 1	3	< 2	281	4.97	3	< 10	58	0.5	< 2	0.55	11	2	11.7	30	< 1	0.19	21
279634	5	< 0.2	< 0.5	21	2130	< 1	1	5	150	2.58	3	< 10	91	0.5	< 2	2.61	9	2	7.16	10	< 1	0.18	19
279635	< 5	< 0.2	< 0.5	2	1230	< 1	< 1	8	286	5.12	6	< 10	96	0.6	< 2	1.87	10	2	12.0	20	< 1	0.31	21
279636	< 5	< 0.2	< 0.5	< 1	1030	< 1	2	4	102	1.87	< 2	< 10	179	< 0.5	4	3.06	4	3	4.52	< 10	< 1	0.36	19
279637	< 5	< 0.2	< 0.5	130	1000	< 1	31	3	75	3.16	7	< 10	11	< 0.5	< 2	2.37	34	80	6.72	< 10	< 1	0.02	< 10
279638	11	< 0.2	0.6	27	1380	< 1	< 1	4	213	3.13	< 2	< 10	40	< 0.5	< 2	1.69	14	2	9.42	20	< 1	0.08	22
279639	< 5	< 0.2	< 0.5	25	1010	< 1	1	2	85	1.29	2	< 10	41	< 0.5	< 2	1.29	12	2	3.93	< 10	< 1	0.03	14
279640	< 5	< 0.2	< 0.5	53	892	< 1	31	< 2	96	3.18	5	< 10	60	< 0.5	< 2	1.96	26	35	6.48	10	< 1	0.20	< 10
279641	7	< 0.2	< 0.5	56	1570	< 1	14	2	146	2.59	< 2	< 10	50	< 0.5	< 2	3.91	40	< 1	9.63	10	< 1	0.12	11
279642	< 5	< 0.2	< 0.5	53	938	< 1	29	3	101	3.43	10	< 10	92	< 0.5	< 2	2.27	29	23	7.07	10	< 1	0.39	< 10
279643	< 5	< 0.2	< 0.5	8	1210	< 1	4	2	287	3.21	16	< 10	61	< 0.5	< 2	1.52	30	1	10.8	20	< 1	0.22	16
279646	< 5	< 0.2	< 0.5	< 1	1190	< 1	148	< 2	39	2.88	< 2	< 10	28	< 0.5	< 2	1.29	23	276	6.30	10	< 1	0.05	17
279647	285	< 0.2	< 0.5	45	1650	1	< 1	2	46	0.57	< 2	< 10	20	< 0.5	< 2	1.82	8	2	6.85	< 10	< 1	0.22	18
279648	665	< 0.2	< 0.5	25	1540	< 1	1	< 2	41	0.72	< 2	< 10	37	< 0.5	< 2	1.80	6	20	6.18	< 10	< 1	0.21	23
279649	< 5	< 0.2	< 0.5	< 1	1090	6	15	4	59	1.05	< 2	< 10	222	0.8	< 2	1.40	4	21	2.49	< 10	< 1	0.71	77
279650	< 5	0.4	< 0.5	67	892	< 1	2	4	154	1.66	< 2	< 10	122	0.7	3	1.04	< 1	7	4.07	10	< 1	0.43	55
279651	< 5	< 0.2	< 0.5	< 1	369	< 1	< 1	2	83	1.07	< 2	< 10	78	0.6	< 2	0.94	< 1	18	1.81	< 10	< 1	0.28	49
279653	< 5	< 0.2	< 0.5	< 1	1070	< 1	21	3	75	3.31	2	< 10	35	< 0.5	< 2	1.80	25	223	11.2	10	< 1	0.03	< 10
279656	< 5	< 0.2	< 0.5	43	1170	< 1	26	< 2	148	3.38	5	< 10	25	< 0.5	< 2	3.03	34	23	9.87	20	< 1	0.02	< 10
279657	< 5	< 0.2	0.6	94	1470	< 1	26	< 2	170	4.21	13	< 10	20	< 0.5	< 2	1.53	34	64	10.2	10	< 1	0.06	< 10
279658	< 5	< 0.2	< 0.5	< 1	326	< 1	< 1	< 2	97	1.28	< 2	< 10	81	0.7	< 2	0.46	1	18	2.34	< 10	< 1	0.19	48
279659	< 5	< 0.2	< 0.5	< 1	501	< 1	2	< 2	38	0.87	< 2	< 10	95	0.6	< 2	0.68	< 1	25	2.30	< 10	< 1	0.20	47
279660	< 5	< 0.2	< 0.5	< 1	118	< 1	< 1	< 2	14	3.00	3	< 10	53	< 0.5	< 2	0.11	3	10	2.50	10	< 1	0.29	< 10
279663	< 5	< 0.2	< 0.5	< 1	295	< 1	< 1	< 2	58	1.40	3	< 10	74	0.6	< 2	0.92	< 1	21	2.07	< 10	< 1	0.27	52
279664	6	< 0.2	1.2	50	1060	< 1	24	< 2	111	3.37	< 2	< 10	37	< 0.5	< 2	2.80	30	26	8.67	10	< 1	0.10	14
279665	< 5	< 0.2	< 0.5	< 1	317	< 1	1	< 2	24	0.80	< 2	< 10	44	1.4	< 2	1.53	< 1	36	1.02	< 10	< 1	0.15	48
279666	< 5	< 0.2	< 0.5	44	1850	< 1	24	< 2	302	4.41	< 2	< 10	371	< 0.5	< 2	2.11	34	63	11.4	10	< 1	1.25	< 10
279667	10	< 0.2	< 0.5	95	1850	< 1	72	< 2	137	3.59	< 2	< 10	48	< 0.5	< 2	3.62	46	88	9.37	20	< 1	0.14	< 10
279668	< 5	0.5	< 0.5	< 1	227	< 1	1	< 2	89	1.24	< 2	< 10	54	0.8	< 2	0.18	< 1	30	2.74	10	< 1	0.16	49
279669	92	< 0.2	0.8	7	694	< 1	2	< 2	218	4.71	2	< 10	27	0.6	< 2	0.47	19	4	11.1	20	2	0.15	12
279670	< 5	< 0.2	0.6	< 1	1860	< 1	38	< 2	58	0.96	7	< 10	52	< 0.5	< 2	6.18	15	43	5.66	< 10	< 1	0.19	< 10
279671	84	< 0.2	< 0.5	21	1440	< 1	2	3	77	0.97	< 2	< 10	84	< 0.5	< 2	0.33	6	14	6.67	< 10	< 1	0.25	22
279672	235	< 0.2	< 0.5	33	1220	< 1	1	< 2	94	0.75	< 2	< 10	34	< 0.5	< 2	0.47	8	11	6.93	< 10	< 1	0.18	22
279673	< 5	0.3	< 0.5	< 1	645	< 1	< 1	3	119	1.40	< 2	< 10	212	0.7	< 2	1.07	< 1	13	3.53	10	< 1	1.02	47
279674	< 5	< 0.2	< 0.5	76	1160	< 1	38	< 2	95	3.99	< 2	< 10	10	< 0.5	3	1.88	33	127	7.80	< 10	< 1	< 0.01	< 10
279676	< 5	< 0.2	< 0.5	< 1	89	< 1	1	< 2	9	0.06	< 2	< 10	12	< 0.5	< 2	0.02	< 1	74	0.65	< 10	< 1	0.03	< 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
279677	< 5	< 0.2	< 0.5	4	145	< 1	2	5	49	0.06	< 2	< 10	14	< 0.5	< 2	0.01	< 1	91	0.83	< 10	< 1	0.02	< 10
279678	5	< 0.2	< 0.5	5	1260	< 1	15	< 2	96	3.31	< 2	< 10	138	< 0.5	3	2.99	26	20	8.61	10	< 1	0.63	11
279679	< 5	< 0.2	< 0.5	16	227	3	2	30	24	0.31	3	< 10	58	< 0.5	< 2	0.47	2	26	0.58	< 10	< 1	0.16	25

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
279620	0.30	0.139	0.028	0.02	< 2	< 1	31	0.04	1	< 2	< 10	10	< 10	2	5
279621	0.82	0.049	0.235	0.13	4	16	72	0.09	< 1	< 2	< 10	6	< 10	33	6
279622	1.29	0.099	0.093	< 0.01	5	18	64	0.10	3	< 2	< 10	3	< 10	46	4
279623	2.84	0.045	0.155	< 0.01	6	21	24	0.08	< 1	< 2	< 10	2	< 10	13	7
279624	1.45	0.051	0.089	< 0.01	2	10	137	0.11	< 1	< 2	< 10	138	< 10	12	9
279625	0.50	0.116	0.026	0.48	< 2	< 1	70	< 0.01	3	< 2	< 10	2	< 10	2	3
279626	0.57	0.074	0.145	0.09	3	17	84	0.10	5	< 2	< 10	3	< 10	21	6
279627	1.79	0.040	0.067	0.14	4	10	68	0.54	7	< 2	< 10	232	< 10	10	9
279628	1.00	0.024	0.111	0.22	5	7	28	0.07	< 1	< 2	< 10	2	< 10	15	8
279629	1.37	0.066	0.152	0.16	< 2	11	57	0.09	4	< 2	< 10	2	< 10	8	4
279630	3.32	0.019	0.129	< 0.01	< 2	16	10	0.09	3	< 2	< 10	3	< 10	5	12
279631	1.60	0.051	0.146	0.26	3	12	57	0.09	< 1	< 2	< 10	2	< 10	5	5
279632	1.56	0.033	0.016	0.14	< 2	7	21	0.07	< 1	< 2	< 10	70	< 10	1	3
279633	2.93	0.030	0.158	0.11	5	22	16	0.08	1	< 2	< 10	4	< 10	10	11
279634	1.99	0.053	0.123	0.26	3	14	58	0.08	3	< 2	< 10	2	< 10	9	5
279635	3.30	0.025	0.179	0.55	7	13	45	0.09	10	< 2	< 10	3	< 10	11	9
279636	1.01	0.044	0.031	< 0.01	2	4	107	0.08	< 1	< 2	< 10	11	< 10	9	7
279637	2.15	0.062	0.028	0.14	3	12	52	0.42	2	< 2	< 10	170	< 10	9	6
279638	1.72	0.065	0.179	0.41	2	19	43	0.09	4	< 2	< 10	3	< 10	10	7
279639	0.81	0.069	0.158	0.06	3	11	26	0.07	< 1	< 2	< 10	2	< 10	6	3
279640	1.86	0.095	0.089	0.05	4	10	55	0.50	5	< 2	< 10	174	< 10	13	12
279641	1.66	0.052	0.081	0.34	3	15	73	0.12	< 1	< 2	< 10	206	< 10	7	8
279642	1.81	0.103	0.069	0.06	3	13	76	0.49	6	< 2	< 10	198	< 10	14	16
279643	1.81	0.054	0.106	< 0.01	5	25	42	0.24	< 1	< 2	< 10	243	< 10	25	14
279646	2.64	0.101	0.101	< 0.01	7	4	37	0.14	13	< 2	< 10	74	< 10	6	7
279647	0.23	0.064	0.091	1.41	4	4	43	0.11	7	< 2	< 10	2	< 10	9	12
279648	0.30	0.100	0.094	0.75	3	6	50	0.11	< 1	< 2	< 10	1	< 10	11	7
279649	0.62	0.046	0.004	< 0.01	< 2	2	61	0.07	9	< 2	< 10	16	< 10	17	65
279650	0.61	0.041	0.002	0.06	< 2	< 1	42	0.07	2	< 2	< 10	1	< 10	30	182
279651	0.67	0.070	0.003	< 0.01	< 2	< 1	20	< 0.01	1	< 2	< 10	< 1	< 10	30	42
279653	2.15	0.067	0.067	< 0.01	3	14	49	0.31	< 1	< 2	< 10	116	< 10	17	7
279656	2.50	0.059	0.096	0.07	4	23	80	0.03	< 1	< 2	< 10	246	< 10	13	9
279657	2.66	0.091	0.060	< 0.01	4	19	31	0.41	5	< 2	< 10	213	< 10	16	7
279658	0.45	0.077	0.003	< 0.01	< 2	< 1	6	0.04	< 1	< 2	< 10	4	< 10	63	44
279659	0.35	0.101	0.005	< 0.01	3	< 1	5	< 0.01	2	< 2	< 10	2	< 10	21	27
279660	2.86	0.032	0.028	< 0.01	3	2	3	< 0.01	< 1	4	< 10	5	< 10	19	3
279663	0.49	0.085	0.006	< 0.01	< 2	< 1	17	0.03	5	2	< 10	< 1	< 10	40	65
279664	1.92	0.096	0.092	0.11	3	14	80	0.48	< 1	< 2	< 10	217	< 10	21	16
279665	0.42	0.075	0.002	< 0.01	< 2	< 1	17	< 0.01	< 1	< 2	< 10	2	< 10	31	78
279666	2.84	0.094	0.062	0.02	7	18	20	0.45	4	< 2	< 10	209	< 10	18	8
279667	2.74	0.068	0.044	0.05	2	34	72	0.15	< 1	< 2	< 10	259	< 10	5	8
279668	0.56	0.097	0.004	< 0.01	< 2	< 1	5	0.04	< 1	2	< 10	4	< 10	32	161
279669	3.52	0.057	0.171	1.24	3	20	32	0.10	3	< 2	< 10	7	< 10	10	16
279670	2.91	0.027	0.019	< 0.01	3	4	145	0.02	< 1	< 2	< 10	18	< 10	3	4
279671	0.15	0.066	0.088	0.08	3	4	10	0.09	4	< 2	< 10	2	< 10	10	5
279672	0.11	0.075	0.098	0.56	4	5	11	0.08	< 1	< 2	< 10	2	< 10	10	5
279673	0.29	0.132	0.010	0.03	< 2	2	23	0.17	5	< 2	< 10	1	< 10	15	132
279674	2.77	0.033	0.032	0.02	2	13	50	0.39	5	< 2	< 10	174	< 10	9	4
279676	0.02	0.025	0.001	< 0.01	< 2	< 1	1	< 0.01	< 1	< 2	< 10	1	< 10	< 1	4

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
279677	0.01	0.023	0.003	< 0.01	< 2	< 1	2	< 0.01	3	< 2	< 10	2	< 10	< 1	4
279678	2.08	0.073	0.114	0.03	< 2	12	95	0.50	7	< 2	< 10	238	< 10	18	21
279679	0.05	0.052	0.004	< 0.01	< 2	< 1	7	0.01	1	< 2	< 10	2	< 10	15	44

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		26.9	2.6	1120	810	13	28	662	721	0.37	386	< 10	94	0.8	1490	0.77	4	6	22.2	< 10	5	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		3.1	< 0.5	6220	138	294	34	42	71	2.71	103	< 10	15	1.3	27	0.88	12	53	2.91	10	< 1	1.68	47
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	1080	1	19	96	133	7.36	207	< 10	761	0.9	< 2	0.14	12	81	5.57	20	< 1	1.20	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		2.8	5.5	332	4910	12	40	1110	1090	1.27	36		171	1.1	< 2	0.31	10	94	2.86	< 10		0.32	48
SAR-M (U.S.G.S.) Cert		3.64	5.27	331	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	412																						
OxD108 Cert	414.000																						
SF67 Meas	867																						
SF67 Cert	835.000																						
SF67 Meas	860																						
SF67 Cert	835.000																						
279629 Orig	< 5																						
279629 Dup	< 5																						
279632 Orig		1.2	0.8	627	1090	< 1	25	7	206	1.66	2	< 10	17	< 0.5	< 2	2.95	26	49	6.22	< 10	< 1	0.11	< 10
279632 Dup		1.1	< 0.5	628	1100	< 1	24	8	208	1.66	5	< 10	18	< 0.5	< 2	2.96	27	49	6.20	< 10	< 1	0.11	< 10
279639 Orig	< 5																						
279639 Dup	< 5																						
279648 Orig		< 0.2	< 0.5	25	1550	1	1	< 2	41	0.73	2	< 10	44	< 0.5	4	1.81	5	16	6.24	< 10	< 1	0.22	23
279648 Dup		< 0.2	< 0.5	25	1530	< 1	1	< 2	40	0.72	< 2	< 10	31	< 0.5	< 2	1.79	6	23	6.12	< 10	< 1	0.21	22
279651 Orig	< 5	< 0.2	< 0.5	< 1	369	< 1	< 1	2	83	1.07	< 2	< 10	78	0.6	< 2	0.94	< 1	18	1.81	< 10	< 1	0.28	49
279651 Split	< 5	< 0.2	< 0.5	< 1	367	< 1	< 1	< 2	84	1.11	< 2	< 10	81	0.7	< 2	0.96	< 1	23	1.80	< 10	< 1	0.29	50
279651 Orig	< 5																						
279651 Dup	< 5																						
279666 Orig		< 0.2	< 0.5	45	1860	< 1	23	< 2	304	4.40	< 2	< 10	373	< 0.5	2	2.11	35	64	11.4	10	< 1	1.25	< 10
279666 Dup		< 0.2	0.6	44	1840	< 1	26	< 2	300	4.41	< 2	< 10	370	< 0.5	< 2	2.11	33	62	11.4	10	1	1.24	< 10
279671 Orig	70																						
279671 Dup	97																						
279677 Orig	< 5	< 0.2	< 0.5	4	145	< 1	2	5	49	0.06	< 2	< 10	14	< 0.5	< 2	0.01	< 1	91	0.83	< 10	< 1	0.02	< 10
279677 Split	9	< 0.2	< 0.5	4	144	< 1	2	5	49	0.06	< 2	< 10	15	< 0.5	< 2	0.01	< 1	87	0.83	< 10	< 1	0.02	< 10
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	0.14	0.051	0.047	0.19	78	1	176	< 0.01	12	< 2	30	77	142	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	1.58	0.135	0.126	1.72	2	7	67	0.13	3	2	< 10	79	10	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	0.078	0.035	0.01	4	22	28		< 1	< 2	< 10	167	< 10	6	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
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	0.039	0.067		7	3	31	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	
OxD108 Meas															
OxD108 Cert															
SF67 Meas															
SF67 Cert															
SF67 Meas															
SF67 Cert															
279629 Orig															
279629 Dup															
279632 Orig	1.56	0.032	0.016	0.14	< 2	7	21	0.07	< 1	< 2	< 10	70	< 10	1	3
279632 Dup	1.56	0.034	0.016	0.14	2	7	21	0.07	1	< 2	< 10	71	< 10	1	3
279639 Orig															
279639 Dup															
279648 Orig	0.30	0.102	0.098	0.76	2	6	51	0.12	< 1	< 2	< 10	2	< 10	11	8
279648 Dup	0.30	0.099	0.089	0.74	4	6	50	0.10	2	< 2	< 10	1	< 10	11	6
279651 Orig	0.67	0.070	0.003	< 0.01	< 2	< 1	20	< 0.01	1	< 2	< 10	< 1	< 10	30	42
279651 Split	0.68	0.074	0.003	< 0.01	< 2	< 1	20	< 0.01	2	< 2	< 10	< 1	< 10	31	39
279651 Orig															
279651 Dup															
279666 Orig	2.85	0.095	0.061	0.02	6	18	20	0.43	3	< 2	< 10	205	< 10	18	7
279666 Dup	2.83	0.092	0.063	0.02	7	18	20	0.47	5	< 2	< 10	214	< 10	18	8
279671 Orig															
279671 Dup															
279677 Orig	0.01	0.023	0.003	< 0.01	< 2	< 1	2	< 0.01	3	< 2	< 10	2	< 10	< 1	4
279677 Split	0.01	0.025	0.003	< 0.01	< 2	< 1	1	< 0.01	< 1	< 2	< 10	2	< 10	< 1	3
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

Quality Analysis ... *Innovative Technologies*

Date Submitted: 05-Aug-14
Invoice No.: A14-05328
Invoice Date: 15-Aug-14
Your Reference: Cat Key Project

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

ATTN: Raymond Bernatchez

CERTIFICATE OF ANALYSIS

67 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 **A14-05328**

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
279680	< 5	< 0.2	< 0.5	2	1070	< 1	1	< 2	134	2.53	< 2	< 10	48	< 0.5	< 2	3.01	6	2	6.48	10	< 1	0.18	18
279681	< 5	< 0.2	< 0.5	9	523	< 1	< 1	8	73	0.64	< 2	< 10	157	0.6	< 2	0.10	< 1	2	1.90	< 10	< 1	0.38	52
279683	< 5	< 0.2	< 0.5	1	402	< 1	1	6	96	0.56	< 2	< 10	77	0.8	< 2	0.01	< 1	1	1.85	< 10	< 1	0.31	43
279684	92	6.0	< 0.5	1150	637	< 1	14	3	55	0.65	5	< 10	58	< 0.5	< 2	0.21	13	4	2.55	< 10	< 1	0.26	27
279685	< 5	< 0.2	< 0.5	1	647	< 1	2	< 2	147	1.79	< 2	< 10	34	< 0.5	3	0.11	4	1	5.47	10	< 1	0.11	29
279686	15	< 0.2	< 0.5	2	845	< 1	< 1	< 2	117	1.56	< 2	< 10	34	< 0.5	< 2	0.13	4	1	4.83	10	< 1	0.18	28
279687	11	1.0	< 0.5	104	850	< 1	2	2	71	0.73	< 2	28	49	0.6	4	0.15	3	2	3.64	< 10	< 1	0.26	27
279689	< 5	< 0.2	5.3	27	1120	2	< 1	2	2260	1.61	2	< 10	49	< 0.5	< 2	0.44	9	< 1	6.44	10	< 1	0.13	18
279691	< 5	< 0.2	< 0.5	107	1100	< 1	107	< 2	65	4.30	< 2	< 10	88	< 0.5	< 2	4.86	41	182	7.99	10	2	0.63	< 10
279693	< 5	< 0.2	0.6	1	1180	< 1	< 1	< 2	145	3.27	< 2	< 10	202	< 0.5	< 2	1.90	31	3	11.3	20	2	0.87	19
279694	< 5	0.3	< 0.5	< 1	594	< 1	< 1	3	168	1.22	< 2	< 10	144	1.0	< 2	0.85	< 1	1	2.95	< 10	< 1	0.88	47
279695	< 5	0.2	< 0.5	< 1	370	< 1	< 1	4	83	1.11	< 2	< 10	212	0.9	< 2	0.14	< 1	< 1	2.36	< 10	< 1	0.84	46
279697	< 5	< 0.2	< 0.5	2	382	< 1	< 1	4	52	0.58	< 2	< 10	82	0.6	< 2	0.70	< 1	2	1.15	< 10	< 1	0.39	96
279700	< 5	< 0.2	< 0.5	13	100	2	2	4	24	0.59	< 2	< 10	80	1.1	< 2	0.01	< 1	< 1	1.37	< 10	< 1	0.42	14
279701	< 5	< 0.2	< 0.5	2	338	< 1	< 1	< 2	23	0.62	< 2	< 10	< 10	< 0.5	< 2	0.05	7	3	2.01	< 10	< 1	< 0.01	< 10
279702	< 5	< 0.2	< 0.5	1	175	< 1	< 1	5	40	0.49	< 2	< 10	74	0.8	< 2	0.79	< 1	2	0.50	< 10	< 1	0.35	60
279703	< 5	0.3	< 0.5	7	203	< 1	< 1	8	102	0.98	< 2	< 10	97	0.7	< 2	0.24	< 1	1	1.11	< 10	< 1	0.65	24
279704	9	0.2	< 0.5	< 1	241	< 1	< 1	2	111	1.72	< 2	< 10	155	0.7	< 2	0.02	< 1	1	2.89	< 10	< 1	1.39	52
279705	< 5	< 0.2	< 0.5	< 1	591	< 1	< 1	5	282	0.43	< 2	< 10	49	0.8	< 2	0.44	< 1	2	2.10	< 10	< 1	0.21	39
279706	< 5	< 0.2	< 0.5	< 1	133	< 1	< 1	2	20	0.37	< 2	< 10	69	0.7	< 2	0.29	< 1	1	0.40	< 10	< 1	0.29	29
279707	< 5	2.0	< 0.5	208	420	7	1	7	154	1.27	< 2	< 10	37	< 0.5	< 2	0.04	7	1	4.84	< 10	< 1	0.18	34
279708	13	< 0.2	< 0.5	5	356	< 1	< 1	6	145	0.96	< 2	< 10	22	< 0.5	2	0.07	2	< 1	4.62	< 10	< 1	0.11	33
279709	< 5	0.7	< 0.5	31	282	1	1	28	256	1.03	< 2	< 10	110	0.9	< 2	0.85	< 1	1	0.97	< 10	< 1	0.72	82
279710	< 5	< 0.2	< 0.5	3	498	< 1	< 1	4	100	0.76	< 2	< 10	33	< 0.5	4	0.07	2	1	3.73	< 10	< 1	0.11	29
279711	< 5	< 0.2	< 0.5	7	371	< 1	< 1	< 2	108	1.77	< 2	< 10	161	0.7	< 2	0.06	1	< 1	3.07	10	< 1	0.81	47
279712	< 5	< 0.2	< 0.5	12	416	< 1	< 1	6	47	0.75	< 2	< 10	114	1.4	< 2	1.28	< 1	1	0.47	< 10	< 1	0.49	63
279713	< 5	< 0.2	< 0.5	12	703	< 1	< 1	5	222	0.73	< 2	< 10	55	< 0.5	3	0.31	2	< 1	3.86	< 10	< 1	0.13	31
279714	< 5	< 0.2	< 0.5	19	981	< 1	2	< 2	61	0.81	< 2	< 10	68	< 0.5	3	0.96	3	< 1	3.93	< 10	< 1	0.22	19
279716	8	0.4	1.0	59	1690	< 1	< 1	141	729	3.94	11	< 10	155	< 0.5	< 2	0.24	15	3	10.3	20	< 1	0.13	< 10
279717	17	< 0.2	< 0.5	3	347	< 1	< 1	4	123	1.69	< 2	< 10	37	< 0.5	< 2	0.07	5	1	4.72	10	< 1	0.17	31
279718	6	< 0.2	< 0.5	< 1	507	< 1	< 1	2	230	1.73	< 2	< 10	46	< 0.5	< 2	0.66	3	< 1	5.15	10	< 1	0.12	38
279719	< 5	< 0.2	< 0.5	22	1200	< 1	9	< 2	130	2.96	8	< 10	219	< 0.5	< 2	1.56	36	< 1	11.0	20	< 1	0.63	13
279720	< 5	0.4	< 0.5	< 1	383	< 1	3	8	83	1.04	< 2	< 10	132	1.5	< 2	0.15	< 1	1	1.57	< 10	< 1	0.73	51
279722	11	< 0.2	< 0.5	9	1360	< 1	9	< 2	121	3.03	< 2	< 10	209	< 0.5	< 2	2.45	29	3	8.47	20	< 1	0.95	12
279725	< 5	0.4	3.5	15	992	1	< 1	103	1020	0.76	< 2	< 10	53	< 0.5	< 2	0.95	2	1	3.86	< 10	< 1	0.24	26
279726	< 5	< 0.2	< 0.5	< 1	129	< 1	< 1	10	105	0.72	< 2	< 10	70	0.6	< 2	0.16	< 1	1	0.44	< 10	< 1	0.48	40
279727	< 5	< 0.2	< 0.5	28	951	< 1	23	< 2	92	3.10	< 2	< 10	59	< 0.5	< 2	1.76	28	26	6.82	10	< 1	0.21	< 10
279728	9	< 0.2	< 0.5	11	224	< 1	< 1	6	28	0.46	< 2	< 10	71	0.5	< 2	0.15	< 1	2	0.56	< 10	< 1	0.33	55
279729	< 5	< 0.2	< 0.5	< 1	698	< 1	< 1	5	80	0.57	< 2	< 10	68	< 0.5	< 2	1.92	< 1	< 1	2.80	< 10	< 1	0.32	44
279730	< 5	0.5	< 0.5	< 1	293	< 1	< 1	5	43	0.32	< 2	< 10	35	< 0.5	< 2	0.01	< 1	1	1.10	< 10	< 1	0.17	46
279731	6	< 0.2	< 0.5	9	567	< 1	< 1	3	47	0.76	< 2	< 10	148	< 0.5	< 2	2.54	< 1	1	1.20	< 10	< 1	0.39	44
279732	30	1.1	< 0.5	976	801	< 1	5	12	75	2.07	< 2	< 10	72	< 0.5	< 2	3.89	23	3	5.04	< 10	< 1	0.34	14
279733	5	< 0.2	< 0.5	3	53	< 1	< 1	3	9	0.35	< 2	< 10	54	0.7	< 2	0.05	< 1	2	0.42	< 10	< 1	0.18	13
279734	< 5	< 0.2	< 0.5	74	888	< 1	19	< 2	93	2.68	< 2	< 10	156	< 0.5	< 2	1.65	23	39	5.03	< 10	< 1	0.61	11
279736	< 5	< 0.2	< 0.5	1	281	< 1	< 1	< 2	28	0.99	< 2	< 10	64	1.8	< 2	0.06	< 1	3	1.46	< 10	< 1	0.21	11
279737	42	0.2	< 0.5	< 1	465	< 1	< 1	< 2	86	1.51	< 2	< 10	119	0.7	< 2	0.10	< 1	1	3.96	10	< 1	0.24	51
279739	< 5	< 0.2	< 0.5	< 1	623	< 1	6	< 2	46	1.29	11	< 10	111	0.6	5	1.48	1	2	2.63	< 10	2	0.28	44
279740	< 5	< 0.2	< 0.5	< 1	894	1	< 1	< 2	41	0.83	< 2	< 10	138	0.6	< 2	1.24	< 1	2	2.37	< 10	< 1	0.60	48
279741	< 5	< 0.2	< 0.5	2	616	< 1	41	< 2	84	3.17	4	< 10	89	< 0.5	< 2	1.42	20	37	5.93	10	< 1	0.58	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
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
279742	< 5	< 0.2	< 0.5	72	1090	< 1	102	< 2	83	4.71	< 2	< 10	16	< 0.5	3	1.62	40	155	8.30	10	1	0.11	< 10
279744	6	< 0.2	< 0.5	< 1	861	< 1	65	< 2	52	4.05	< 2	< 10	< 10	< 0.5	< 2	2.33	28	263	5.13	< 10	< 1	0.02	< 10
279745	< 5	< 0.2	< 0.5	8	806	< 1	41	< 2	62	3.41	< 2	< 10	44	< 0.5	< 2	1.97	26	90	4.57	< 10	< 1	0.17	< 10
279746	< 5	< 0.2	< 0.5	6	351	1	< 1	< 2	65	1.56	< 2	< 10	203	< 0.5	< 2	0.08	2	2	3.05	10	< 1	0.87	19
279747	< 5	< 0.2	< 0.5	57	907	< 1	18	< 2	99	3.39	< 2	< 10	497	0.6	< 2	2.45	25	6	8.44	10	< 1	1.35	13
279751	< 5	< 0.2	< 0.5	21	260	< 1	< 1	4	31	0.91	< 2	< 10	76	< 0.5	< 2	0.71	< 1	2	1.10	< 10	< 1	0.41	49
279752	< 5	< 0.2	< 0.5	109	992	< 1	100	< 2	63	3.87	2	< 10	11	< 0.5	< 2	2.48	38	105	6.57	< 10	< 1	0.05	< 10
279753	8	< 0.2	< 0.5	103	763	< 1	82	< 2	57	3.41	7	< 10	11	< 0.5	< 2	1.72	27	134	4.80	< 10	< 1	0.03	< 10
279754	5	< 0.2	< 0.5	6	676	< 1	< 1	4	75	2.48	< 2	< 10	90	1.4	3	1.46	2	1	3.01	10	< 1	0.49	68
279756	6	< 0.2	< 0.5	141	794	< 1	12	< 2	48	2.62	< 2	< 10	17	< 0.5	< 2	2.26	25	5	5.47	< 10	< 1	0.08	< 10
279757	< 5	< 0.2	< 0.5	68	342	< 1	22	< 2	23	2.82	< 2	< 10	19	< 0.5	< 2	2.13	12	100	2.07	< 10	< 1	0.10	< 10
279759	11	< 0.2	< 0.5	164	848	< 1	58	< 2	69	3.99	< 2	< 10	14	< 0.5	< 2	2.23	36	79	6.35	< 10	< 1	0.07	< 10
279760	< 5	< 0.2	< 0.5	27	159	< 1	< 1	16	130	0.84	< 2	< 10	144	< 0.5	< 2	0.53	< 1	2	0.80	< 10	< 1	0.32	35
279762	< 5	< 0.2	< 0.5	32	635	< 1	65	< 2	91	2.95	< 2	< 10	40	< 0.5	< 2	1.35	17	71	4.47	< 10	< 1	0.12	< 10
279763	< 5	< 0.2	< 0.5	62	498	< 1	29	< 2	35	2.89	3	< 10	31	< 0.5	< 2	2.21	17	67	2.98	< 10	< 1	0.17	< 10
279764	< 5	< 0.2	< 0.5	89	508	< 1	20	< 2	31	2.65	< 2	< 10	14	< 0.5	< 2	2.03	17	49	3.36	< 10	< 1	0.09	< 10
279765	8	0.2	< 0.5	289	378	2	63	< 2	49	3.42	< 2	< 10	32	< 0.5	< 2	2.22	36	48	4.26	< 10	< 1	1.08	11
279766	< 5	< 0.2	< 0.5	1	226	< 1	< 1	2	58	1.81	< 2	< 10	100	0.6	< 2	0.10	< 1	1	1.48	< 10	< 1	0.56	66

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
279680	0.79	0.067	0.099	0.01	3	10	58	0.12	8	< 2	< 10	3	< 10	14	6
279681	0.07	0.038	0.009	0.02	< 2	< 1	3	0.05	3	< 2	< 10	< 1	< 10	7	42
279683	0.06	0.091	0.006	< 0.01	< 2	< 1	3	0.06	< 1	< 2	< 10	< 1	< 10	20	55
279684	0.13	0.019	0.012	0.04	< 2	< 1	4	< 0.01	< 1	< 2	< 10	7	< 10	8	22
279685	0.54	0.051	0.027	0.05	< 2	4	4	0.08	< 1	< 2	< 10	2	< 10	13	10
279686	0.47	0.055	0.019	0.03	< 2	3	6	0.05	< 1	< 2	< 10	1	< 10	13	10
279687	0.11	0.027	0.020	0.03	< 2	2	7	0.05	< 1	< 2	< 10	< 1	< 10	10	8
279689	0.29	0.043	0.032	0.49	3	3	6	0.02	< 1	< 2	< 10	2	< 10	9	10
279691	3.72	0.023	0.028	0.03	< 2	12	50	0.47	< 1	< 2	< 10	276	< 10	6	4
279693	1.77	0.045	0.184	< 0.01	3	24	38	0.16	< 1	< 2	< 10	187	< 10	23	5
279694	0.36	0.075	0.006	< 0.01	< 2	1	15	0.11	< 1	< 2	< 10	2	< 10	25	126
279695	0.33	0.086	0.002	< 0.01	< 2	< 1	5	0.11	< 1	< 2	< 10	1	< 10	14	117
279697	0.08	0.079	0.003	< 0.01	< 2	< 1	13	0.03	< 1	< 2	< 10	< 1	< 10	39	39
279700	0.15	0.076	0.004	< 0.01	< 2	< 1	2	0.06	< 1	< 2	< 10	1	< 10	29	72
279701	0.40	0.022	0.007	< 0.01	< 2	2	1	0.05	< 1	< 2	< 10	38	< 10	1	2
279702	0.04	0.059	0.001	< 0.01	< 2	< 1	26	0.02	< 1	< 2	< 10	< 1	< 10	42	57
279703	0.13	0.064	0.005	< 0.01	< 2	< 1	8	0.04	1	< 2	< 10	3	< 10	20	49
279704	0.78	0.024	0.007	< 0.01	< 2	< 1	2	0.13	< 1	< 2	< 10	< 1	< 10	15	101
279705	0.05	0.072	0.006	< 0.01	< 2	< 1	7	0.05	< 1	< 2	< 10	< 1	< 10	17	43
279706	0.02	0.054	0.003	< 0.01	< 2	< 1	5	0.02	< 1	< 2	< 10	< 1	< 10	25	47
279707	0.28	0.064	0.024	0.13	3	2	4	0.06	1	< 2	< 10	2	< 10	14	12
279708	0.27	0.062	0.038	< 0.01	< 2	2	4	< 0.01	< 1	< 2	< 10	2	< 10	7	4
279709	0.14	0.038	0.002	< 0.01	< 2	< 1	24	0.03	< 1	< 2	< 10	2	< 10	23	116
279710	0.14	0.050	0.035	< 0.01	< 2	2	3	0.08	< 1	< 2	< 10	1	< 10	10	4
279711	0.49	0.094	0.008	0.02	< 2	3	3	0.13	2	< 2	< 10	2	< 10	57	105
279712	0.08	0.059	0.002	< 0.01	< 2	< 1	48	< 0.01	2	< 2	< 10	< 1	< 10	54	29
279713	0.20	0.068	0.030	0.04	< 2	2	7	0.05	< 1	< 2	< 10	1	< 10	11	4
279714	0.14	0.026	0.025	0.04	< 2	2	9	0.06	2	< 2	< 10	1	< 10	10	5
279716	2.04	0.016	0.113	0.25	4	13	11	0.11	5	< 2	< 10	3	< 10	6	10
279717	0.44	0.057	0.029	0.10	< 2	3	4	0.09	1	< 2	< 10	1	< 10	14	9
279718	0.48	0.081	0.021	< 0.01	< 2	3	10	0.06	< 1	< 2	< 10	4	< 10	14	8
279719	1.78	0.072	0.106	0.02	2	14	43	0.57	12	< 2	< 10	302	< 10	19	13
279720	0.15	0.046	0.002	< 0.01	< 2	< 1	3	0.06	< 1	< 2	< 10	1	< 10	27	145
279722	2.09	0.059	0.081	< 0.01	4	23	54	0.51	4	< 2	< 10	275	< 10	12	9
279725	0.21	0.060	0.010	0.08	< 2	< 1	11	0.06	< 1	< 2	< 10	2	< 10	9	15
279726	0.10	0.040	0.003	< 0.01	< 2	< 1	4	0.01	< 1	< 2	< 10	1	< 10	23	94
279727	1.73	0.066	0.094	< 0.01	3	9	106	0.47	9	< 2	< 10	158	< 10	16	7
279728	0.03	0.044	0.002	< 0.01	< 2	< 1	3	0.02	< 1	< 2	< 10	< 1	< 10	35	67
279729	0.47	0.094	0.005	< 0.01	< 2	< 1	43	0.07	3	< 2	< 10	< 1	< 10	17	64
279730	0.05	0.052	0.002	< 0.01	< 2	< 1	2	0.05	3	< 2	< 10	< 1	< 10	16	113
279731	0.32	0.068	0.003	< 0.01	< 2	< 1	31	0.04	3	< 2	< 10	3	< 10	38	46
279732	1.73	0.070	0.075	0.16	< 2	18	98	0.15	< 1	< 2	< 10	168	< 10	8	6
279733	0.06	0.113	0.003	< 0.01	< 2	< 1	2	0.03	< 1	< 2	< 10	< 1	< 10	51	47
279734	2.13	0.077	0.086	0.10	< 2	9	60	0.48	3	< 2	< 10	132	< 10	10	9
279736	0.59	0.088	0.003	< 0.01	< 2	< 1	4	< 0.01	< 1	< 2	< 10	< 1	< 10	20	37
279737	0.46	0.069	0.005	< 0.01	< 2	< 1	4	0.05	1	< 2	< 10	< 1	< 10	23	98
279739	0.31	0.094	0.005	< 0.01	4	< 1	29	0.05	2	< 2	< 10	< 1	< 10	23	81
279740	0.18	0.030	0.006	< 0.01	< 2	< 1	13	0.05	1	< 2	< 10	< 1	< 10	13	49
279741	1.67	0.081	0.102	< 0.01	2	6	40	0.28	14	< 2	< 10	70	< 10	8	5

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
279742	4.17	0.027	0.031	< 0.01	4	9	41	0.48	3	< 2	< 10	215	< 10	5	3
279744	3.65	0.031	0.025	< 0.01	4	8	34	0.20	6	< 2	< 10	65	< 10	4	3
279745	2.55	0.064	0.026	< 0.01	< 2	11	83	0.25	4	< 2	< 10	93	< 10	6	2
279746	0.67	0.092	0.021	< 0.01	< 2	4	5	0.16	5	< 2	< 10	13	< 10	17	12
279747	1.78	0.298	0.105	0.06	2	19	25	0.43	< 1	< 2	< 10	312	< 10	22	12
279751	0.12	0.045	0.003	0.03	< 2	1	71	0.03	2	< 2	< 10	1	< 10	78	54
279752	3.41	0.054	0.017	< 0.01	3	10	25	0.27	2	< 2	< 10	126	< 10	7	3
279753	2.30	0.056	0.022	0.01	< 2	8	31	0.32	< 1	< 2	< 10	98	< 10	8	2
279754	0.73	0.058	0.006	< 0.01	< 2	2	33	0.09	2	< 2	< 10	1	< 10	118	158
279756	1.62	0.183	0.049	0.05	3	14	26	0.36	9	< 2	< 10	139	< 10	11	5
279757	1.24	0.268	0.018	< 0.01	< 2	6	37	0.18	3	< 2	< 10	48	< 10	4	1
279759	2.69	0.036	0.025	0.11	< 2	10	40	0.39	3	< 2	< 10	126	< 10	8	3
279760	0.05	0.029	0.004	0.07	< 2	< 1	28	0.02	< 1	< 2	< 10	1	< 10	63	19
279762	2.03	0.072	0.071	0.01	2	5	55	0.34	2	< 2	< 10	68	< 10	6	4
279763	1.59	0.125	0.021	0.01	< 2	10	41	0.22	6	< 2	< 10	74	< 10	7	2
279764	1.43	0.143	0.027	< 0.01	< 2	8	36	0.28	4	< 2	< 10	84	< 10	7	3
279765	1.18	0.190	0.056	0.83	< 2	5	50	0.34	9	< 2	< 10	71	< 10	10	12
279766	1.15	0.024	0.004	< 0.01	< 2	< 1	7	0.02	4	< 2	< 10	< 1	< 10	95	140

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		28.4	2.5	1190	788	14	28	639	679	0.36	386	11	120	0.7	1430	0.73	6	5	22.1	< 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-4 Meas		3.2	< 0.5	6550	137	288	33	41	69	2.74	101	< 10	12	1.2	< 2	0.85	12	53	2.91	10	< 1	1.66	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	1010	< 1	18	91	118	7.13	184	< 10	809	0.8	< 2	0.14	12	76	5.42	20	< 1	1.17	< 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		3.4	5.4	345	4620	12	38	1070	1000	1.24	37		173	1.0	3	0.30	10	87	2.86	< 10		0.32	52
SAR-M (U.S.G.S.) Cert		3.64	5.27	331	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	435																						
OxD108 Cert	414.000																						
OxD108 Meas	439																						
OxD108 Cert	414.000																						
SF67 Meas	884																						
SF67 Cert	835.000																						
SF67 Meas	889																						
SF67 Cert	835.000																						
279693 Orig	< 5																						
279693 Dup	< 5																						
279697 Orig		< 0.2	< 0.5	2	385	< 1	1	3	53	0.58	< 2	< 10	82	0.6	< 2	0.70	< 1	2	1.16	< 10	< 1	0.39	96
279697 Dup		< 0.2	< 0.5	2	380	< 1	< 1	4	52	0.59	< 2	< 10	81	0.6	< 2	0.70	< 1	2	1.14	< 10	< 1	0.39	97
279706 Orig	< 5																						
279706 Dup	< 5																						
279713 Orig		< 0.2	< 0.5	12	707	< 1	< 1	5	222	0.73	< 2	< 10	56	< 0.5	3	0.31	2	1	3.85	< 10	< 1	0.13	31
279713 Dup		< 0.2	< 0.5	12	700	< 1	< 1	5	221	0.73	< 2	< 10	55	< 0.5	2	0.31	2	< 1	3.87	< 10	< 1	0.13	31
279717 Orig	17	< 0.2	< 0.5	3	347	< 1	< 1	4	123	1.69	< 2	< 10	37	< 0.5	< 2	0.07	5	1	4.72	10	< 1	0.17	31
279717 Split	14	< 0.2	< 0.5	3	355	< 1	< 1	< 2	124	1.72	< 2	< 10	37	< 0.5	< 2	0.07	5	1	4.81	10	< 1	0.17	31
279719 Orig	< 5																						
279719 Dup	< 5																						
279729 Orig		< 0.2	< 0.5	< 1	704	< 1	< 1	5	81	0.58	< 2	< 10	69	< 0.5	< 2	1.93	< 1	< 1	2.83	< 10	< 1	0.33	44
279729 Dup		< 0.2	< 0.5	< 1	693	< 1	< 1	5	80	0.56	< 2	< 10	67	< 0.5	< 2	1.91	< 1	1	2.77	< 10	< 1	0.32	43
279734 Orig	< 5																						
279734 Dup	< 5																						
279742 Orig	< 5	< 0.2	< 0.5	72	1090	< 1	102	< 2	83	4.71	< 2	< 10	16	< 0.5	3	1.62	40	155	8.30	10	1	0.11	< 10
279742 Split	7	< 0.2	< 0.5	72	1090	< 1	101	< 2	81	4.75	< 2	< 10	15	< 0.5	< 2	1.64	43	157	8.36	10	< 1	0.11	< 10
279745 Orig		< 0.2	< 0.5	8	804	< 1	41	< 2	62	3.37	< 2	< 10	44	< 0.5	< 2	1.95	25	89	4.57	< 10	< 1	0.17	< 10
279745 Dup		< 0.2	< 0.5	8	809	< 1	42	< 2	62	3.45	2	< 10	44	< 0.5	< 2	1.99	27	91	4.57	< 10	< 1	0.17	< 10
279746 Orig	< 5																						
279746 Dup	< 5																						
279757 Orig	< 5	< 0.2	< 0.5	68	342	< 1	22	< 2	23	2.82	< 2	< 10	19	< 0.5	< 2	2.13	12	100	2.07	< 10	< 1	0.10	< 10
279757 Split	< 5	< 0.2	< 0.5	69	346	< 1	21	< 2	22	2.83	< 2	< 10	19	< 0.5	< 2	2.15	11	102	2.11	< 10	< 1	0.10	< 10
279760 Orig	< 5																						
279760 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	< 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
Method Blank	< 5																						
Method Blank	< 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																						

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	0.044	0.045	0.19	86	1	170	< 0.01	11	< 2	31	75	135	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	1.58	0.129	0.119	1.70	< 2	7	66	0.13	< 1	< 2	< 10	79	< 10	11	9
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	0.39	0.076	0.032	0.01	3	21	30		< 1	5	< 10	152	< 10	5	4
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	0.030	0.067		5	4	30	0.05	< 1	< 2	< 10	36	< 10	21	
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															
SF67 Meas															
SF67 Cert															
SF67 Meas															
SF67 Cert															
279693 Orig															
279693 Dup															
279697 Orig	0.08	0.079	0.003	< 0.01	< 2	< 1	13	0.03	5	< 2	< 10	< 1	< 10	39	39
279697 Dup	0.08	0.079	0.003	< 0.01	< 2	< 1	12	0.03	< 1	< 2	< 10	< 1	< 10	39	40
279706 Orig															
279706 Dup															
279713 Orig	0.20	0.069	0.030	0.04	< 2	2	7	0.05	2	< 2	< 10	1	< 10	11	4
279713 Dup	0.20	0.068	0.030	0.04	< 2	2	7	0.05	< 1	< 2	< 10	1	< 10	11	4
279717 Orig	0.44	0.057	0.029	0.10	< 2	3	4	0.09	1	< 2	< 10	1	< 10	14	9
279717 Split	0.46	0.058	0.030	0.10	3	3	4	0.08	< 1	< 2	< 10	1	< 10	14	7
279719 Orig															
279719 Dup															
279729 Orig	0.47	0.094	0.006	< 0.01	< 2	< 1	43	0.07	4	< 2	< 10	< 1	< 10	17	68
279729 Dup	0.46	0.093	0.005	< 0.01	< 2	< 1	43	0.07	2	< 2	< 10	< 1	< 10	17	60
279734 Orig															
279734 Dup															
279742 Orig	4.17	0.027	0.031	< 0.01	4	9	41	0.48	3	< 2	< 10	215	< 10	5	3
279742 Split	4.21	0.026	0.030	< 0.01	3	9	40	0.47	1	< 2	< 10	212	< 10	5	3
279745 Orig	2.55	0.063	0.026	< 0.01	< 2	11	82	0.24	4	< 2	< 10	92	< 10	6	2
279745 Dup	2.55	0.064	0.026	< 0.01	< 2	11	84	0.25	4	< 2	< 10	94	< 10	6	2
279746 Orig															
279746 Dup															
279757 Orig	1.24	0.268	0.018	< 0.01	< 2	6	37	0.18	3	< 2	< 10	48	< 10	4	1
279757 Split	1.26	0.274	0.018	< 0.01	< 2	6	39	0.19	4	< 2	< 10	50	< 10	4	1
279760 Orig															
279760 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	< 0.01	0.008	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.009	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank															
Method Blank															
Method Blank															
Method Blank															

Quality Analysis ... *Innovative Technologies*

Date Submitted: 11-Aug-14
Invoice No.: A14-05459
Invoice Date: 26-Aug-14
Your Reference: Cat Key Project

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

ATTN: Max Reiter

CERTIFICATE OF ANALYSIS

26 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 **A14-05459**

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
279767	< 5	< 0.2	< 0.5	116	1210	< 1	112	5	108	3.98	10	< 10	22	< 0.5	< 2	2.82	39	163	7.38	< 10	< 1	0.01	< 10
279768	< 5	< 0.2	< 0.5	6	1650	1	< 1	< 2	107	1.07	3	< 10	67	< 0.5	3	0.16	4	1	5.36	< 10	< 1	0.19	36
279769	< 5	0.2	< 0.5	30	1310	< 1	40	5	145	3.68	8	< 10	19	< 0.5	< 2	1.41	46	24	10.0	10	3	0.02	11
279770	< 5	< 0.2	< 0.5	1	295	< 1	< 1	< 2	23	2.48	< 2	< 10	53	< 0.5	< 2	0.05	9	2	3.14	10	< 1	0.18	29
279771	< 5	< 0.2	< 0.5	14	505	2	2	< 2	77	4.10	< 2	< 10	34	< 0.5	< 2	0.06	10	2	6.54	20	< 1	0.12	123
279772	< 5	0.3	< 0.5	< 1	205	< 1	< 1	< 2	19	3.40	< 2	< 10	38	< 0.5	< 2	< 0.01	12	2	4.98	10	< 1	0.15	33
279773	< 5	< 0.2	< 0.5	11	837	< 1	< 1	3	130	1.61	< 2	< 10	85	< 0.5	< 2	0.62	3	< 1	5.13	10	< 1	0.14	25
279774	< 5	< 0.2	< 0.5	9	417	< 1	4	< 2	21	2.17	< 2	< 10	29	< 0.5	< 2	1.44	5	2	2.73	10	< 1	0.12	56
279777	< 5	< 0.2	< 0.5	51	1130	< 1	17	4	94	2.42	9	< 10	21	< 0.5	< 2	1.18	13	5	6.38	10	< 1	0.01	18
279778	< 5	< 0.2	< 0.5	10	1300	< 1	< 1	2	210	1.08	< 2	< 10	52	< 0.5	< 2	0.27	3	1	4.11	< 10	< 1	0.31	36
279780	< 5	< 0.2	< 0.5	41	524	< 1	14	< 2	63	2.46	< 2	< 10	42	< 0.5	< 2	2.86	17	4	5.63	< 10	< 1	0.18	< 10
279781	< 5	< 0.2	< 0.5	6	1570	< 1	< 1	3	143	1.16	< 2	< 10	33	< 0.5	< 2	1.89	4	1	5.90	< 10	< 1	0.23	32
279782	6	1.4	< 0.5	197	482	< 1	< 1	31	118	1.41	132	< 10	29	< 0.5	< 2	0.04	7	1	9.34	10	< 1	0.13	22
279783	< 5	< 0.2	< 0.5	4	900	2	< 1	6	76	1.16	3	< 10	91	< 0.5	< 2	1.61	3	2	4.23	< 10	< 1	0.25	39
279784	< 5	< 0.2	< 0.5	20	1100	< 1	86	< 2	86	1.82	< 2	< 10	72	< 0.5	< 2	3.97	18	78	4.94	< 10	< 1	0.23	26
279785	< 5	< 0.2	< 0.5	16	1290	< 1	< 1	19	138	0.74	< 2	< 10	43	< 0.5	< 2	0.07	3	1	5.76	< 10	< 1	0.18	36
279786	< 5	< 0.2	< 0.5	6	531	< 1	< 1	4	247	2.23	< 2	< 10	44	< 0.5	3	0.10	4	1	4.83	10	< 1	0.13	37
279787	< 5	< 0.2	< 0.5	12	283	< 1	2	< 2	14	0.64	< 2	< 10	101	< 0.5	< 2	0.73	4	3	1.01	< 10	< 1	0.26	10
279788	< 5	< 0.2	0.8	9	1300	2	< 1	4	127	3.13	2	< 10	59	< 0.5	< 2	2.77	20	< 1	9.85	20	< 1	0.11	30
279789	666	2.6	12.8	82	1280	< 1	30	361	998	1.14	> 10000	< 10	19	< 0.5	6	1.85	40	18	7.38	< 10	< 1	0.22	41
279790	< 5	< 0.2	< 0.5	10	537	< 1	5	3	17	0.29	22	< 10	21	< 0.5	< 2	1.67	4	10	1.48	< 10	< 1	0.03	< 10
279791	> 3000	0.8	0.6	55	874	< 1	< 1	20	61	1.74	10	< 10	41	< 0.5	< 2	0.46	9	2	8.51	10	< 1	0.12	16
279792	72	< 0.2	< 0.5	85	482	< 1	< 1	7	35	1.07	5	< 10	39	< 0.5	< 2	1.11	9	2	5.03	< 10	< 1	0.13	21
279793	7	< 0.2	1.1	29	2170	< 1	12	7	191	2.52	4	< 10	65	< 0.5	< 2	3.85	16	13	8.55	10	< 1	0.16	17
279795	< 5	< 0.2	< 0.5	39	1600	< 1	3	4	152	2.22	< 2	< 10	16	< 0.5	< 2	0.40	2	2	6.22	10	< 1	0.01	29
279796	18	0.2	0.6	72	1540	< 1	13	< 2	157	4.66	3	< 10	11	< 0.5	< 2	1.11	8	58	12.8	< 10	2	0.02	< 10

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
Detection Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1	0.03
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	FA-GRA
279767	2.88	0.031	0.028	0.10	6	15	75	0.46	9	< 2	< 10	161	< 10	10	5	
279768	0.30	0.040	0.039	0.04	3	2	5	0.02	< 1	< 2	< 10	3	< 10	10	5	
279769	2.84	0.047	0.078	0.10	4	16	49	0.52	2	< 2	< 10	233	< 10	17	23	
279770	1.86	0.034	0.003	0.05	< 2	< 1	3	< 0.01	< 1	< 2	< 10	< 1	< 10	5	22	
279771	3.04	0.028	0.015	< 0.01	< 2	< 1	2	< 0.01	< 1	2	< 10	1	< 10	13	22	
279772	2.12	0.038	0.006	< 0.01	< 2	1	4	< 0.01	< 1	< 2	< 10	3	< 10	9	100	
279773	0.55	0.053	0.027	< 0.01	< 2	3	8	0.11	2	< 2	< 10	4	< 10	10	10	
279774	2.60	0.049	0.008	< 0.01	< 2	< 1	14	< 0.01	< 1	< 2	< 10	< 1	< 10	10	26	
279777	1.46	0.052	0.034	< 0.01	< 2	10	10	0.10	4	< 2	< 10	50	< 10	5	9	
279778	0.56	0.049	0.032	< 0.01	< 2	2	8	0.08	< 1	< 2	< 10	3	< 10	11	7	
279780	1.17	0.176	0.083	0.03	< 2	17	69	0.56	9	< 2	< 10	283	< 10	11	8	
279781	0.80	0.048	0.030	0.01	4	2	25	0.05	2	< 2	< 10	4	< 10	16	10	
279782	0.39	0.049	0.025	1.32	4	2	4	0.06	< 1	< 2	< 10	5	< 10	10	23	
279783	0.26	0.054	0.034	0.05	< 2	2	21	0.07	< 1	< 2	< 10	< 1	< 10	13	7	
279784	2.32	0.066	0.130	< 0.01	3	4	94	0.04	< 1	2	< 10	52	< 10	6	4	
279785	0.18	0.050	0.026	0.01	< 2	2	3	0.07	< 1	< 2	< 10	2	< 10	10	11	
279786	1.33	0.048	0.039	0.04	< 2	3	3	0.09	< 1	< 2	< 10	3	< 10	11	9	
279787	0.14	0.074	0.028	< 0.01	< 2	< 1	15	0.04	3	< 2	< 10	4	< 10	1	3	
279788	0.80	0.052	0.208	0.04	4	17	64	0.09	3	2	< 10	6	< 10	31	6	
279789	0.54	0.071	0.161	1.42	87	6	88	0.02	7	< 2	< 10	20	< 10	11	7	
279790	0.23	0.041	0.023	0.03	< 2	2	49	0.02	< 1	< 2	< 10	9	< 10	2	6	
279791	0.38	0.066	0.091	0.61	4	14	11	0.12	6	< 2	< 10	3	< 10	9	14	6.31
279792	0.21	0.103	0.119	1.07	< 2	7	29	0.13	5	< 2	< 10	2	< 10	11	8	
279793	1.64	0.041	0.073	0.11	2	9	43	0.09	3	< 2	< 10	48	< 10	6	7	
279795	0.72	0.021	0.008	0.08	2	1	37	0.05	1	< 2	< 10	3	< 10	59	13	
279796	1.79	0.016	0.062	0.96	4	6	25	0.28	3	< 2	< 10	67	< 10	8	10	

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		30.5	2.3	1170	854	14	34	669	709	0.38	394	< 10	187	0.7	1450	0.76	6	6	22.9	< 10	6	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	6500	142	311	35	42	71	2.85	97	< 10	29	1.3	16	0.88	12	55	2.96	10	< 1	1.73	51
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	66	1100	1	20	94	123	7.38	215	< 10	753	0.8	< 2	0.13	12	79	5.52	20	< 1	1.20	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	5.8	331	5120	13	48	1070	1040	1.33	38		183	1.0	< 2	0.30	10	97	2.94	< 10		0.34	48
SAR-M (U.S.G.S.) Cert		3.64	5.27	331	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	424																						
OxD108 Cert	414.000																						
SF67 Meas	780																						
SF67 Cert	835.000																						
OxK110 Meas																							
OxK110 Cert																							
279778 Orig	< 5																						
279778 Dup	< 5																						
279782 Orig		1.3	< 0.5	196	476	< 1	3	30	118	1.40	130	< 10	29	< 0.5	< 2	0.04	6	1	9.25	10	< 1	0.13	22
279782 Dup		1.4	0.8	199	488	< 1	< 1	31	119	1.43	134	< 10	30	< 0.5	< 2	0.04	8	1	9.44	10	< 1	0.13	23
279789 Orig	638																						
279789 Dup	694																						
279796 Orig	18	0.2	0.6	72	1540	< 1	13	< 2	157	4.66	3	< 10	11	< 0.5	< 2	1.11	8	58	12.8	< 10	2	0.02	< 10
279796 Split	19	< 0.2	< 0.5	74	1580	< 1	12	5	161	4.75	< 2	< 10	12	< 0.5	< 2	1.13	10	59	13.0	< 10	3	0.02	< 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
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank																							
Method Blank																							

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
Detection Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1	0.03
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	FA-GRA
GXR-1 Meas	0.14	0.055	0.046	0.20	87	1	179	< 0.01	15	< 2	31	78	142	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	1.60	0.144	0.122	1.73	4	7	71	0.13	< 1	3	< 10	78	12	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-6 Meas	0.40	0.079	0.034	0.01	4	21	28		< 1	< 2	< 10	168	< 10	5	11	
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	0.041	0.065		6	4	30	0.05	2	< 2	< 10	38	< 10	20		
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	Au
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Detection Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1	0.03
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	FA-GRA
OxN92 Meas																7.44
OxN92 Cert																7.64
OxD108 Meas																
OxD108 Cert																
SF67 Meas																
SF67 Cert																
OxK110 Meas																3.48
OxK110 Cert																3.602
279778 Orig																
279778 Dup																
279782 Orig	0.39	0.048	0.025	1.30	3	2	4	0.06	< 1	< 2	< 10	5	< 10	9	23	
279782 Dup	0.40	0.050	0.025	1.33	5	2	4	0.06	< 1	< 2	< 10	5	< 10	10	24	
279789 Orig																
279789 Dup																
279796 Orig	1.79	0.016	0.062	0.96	4	6	25	0.28	3	< 2	< 10	67	< 10	8	10	
279796 Split	1.82	0.018	0.064	0.98	8	6	26	0.28	2	< 2	< 10	68	< 10	8	10	
Method Blank	< 0.01	0.013	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank																
Method Blank																
Method Blank																< 0.03
Method Blank																< 0.03

Quality Analysis ... *Innovative Technologies*

Date Submitted: 25-Aug-14
Invoice No.: A14-05883
Invoice Date: 02-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

39 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 **A14-05883**

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:

Elitsa Hrischeva, 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
279801	97	< 0.2	1.3	45	854	< 1	2	6	85	2.39	< 2	< 10	26	< 0.5	< 2	2.28	7	2	8.56	20	< 1	0.05	28
279802	45	< 0.2	< 0.5	54	849	< 1	< 1	7	85	2.48	2	< 10	31	< 0.5	< 2	2.14	9	1	8.49	20	< 1	0.08	26
279803	68	13.0	1.8	1500	565	2	5	656	201	0.39	4	< 10	31	< 0.5	9	0.14	9	12	2.06	< 10	< 1	0.09	< 10
279804	< 5	0.2	< 0.5	7	82	< 1	2	3	7	0.02	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	6	0.55	< 10	< 1	0.01	< 10
279805	46	2.2	0.9	956	120	< 1	4	4	57	0.04	2	< 10	< 10	< 0.5	3	0.10	8	7	0.99	< 10	< 1	0.02	< 10
279806	< 5	0.5	< 0.5	29	132	16	< 1	3	12	0.79	< 2	< 10	117	< 0.5	< 2	0.03	1	2	1.55	< 10	< 1	0.53	19
279807	< 5	0.6	< 0.5	90	89	2	< 1	2	13	0.72	< 2	< 10	136	< 0.5	< 2	0.03	2	3	1.44	< 10	< 1	0.53	37
279808	7	< 0.2	< 0.5	2	925	< 1	< 1	2	132	2.13	< 2	< 10	307	0.8	< 2	1.55	5	1	6.57	10	< 1	1.11	35
279809	7	< 0.2	0.8	43	820	< 1	2	9	110	2.79	< 2	< 10	96	< 0.5	< 2	2.87	33	2	8.02	10	< 1	0.36	13
279810	< 5	< 0.2	< 0.5	45	818	< 1	21	< 2	94	3.00	< 2	< 10	87	< 0.5	< 2	2.73	33	2	7.03	10	< 1	0.30	11
279811	13	< 0.2	< 0.5	214	874	< 1	33	< 2	44	3.51	5	< 10	34	< 0.5	2	2.52	24	73	5.04	< 10	1	0.15	< 10
279812	6	1.4	1.5	472	170	< 1	18	98	594	0.42	14	< 10	< 10	< 0.5	< 2	0.30	39	8	2.36	< 10	< 1	< 0.01	< 10
279813	< 5	< 0.2	< 0.5	27	93	< 1	< 1	4	8	0.04	< 2	< 10	< 10	< 0.5	< 2	0.02	1	8	0.95	< 10	< 1	< 0.01	< 10
279814	< 5	< 0.2	< 0.5	4	516	< 1	< 1	14	102	0.52	< 2	< 10	69	< 0.5	< 2	0.05	< 1	2	1.82	< 10	< 1	0.30	50
279815	< 5	0.4	< 0.5	45	142	< 1	< 1	28	170	0.83	< 2	< 10	87	< 0.5	< 2	0.03	1	2	1.52	< 10	< 1	0.39	57
279816	< 5	0.5	< 0.5	5	371	3	< 1	4	211	1.12	< 2	< 10	173	0.8	< 2	< 0.01	1	1	1.71	< 10	< 1	0.76	51
279817	224	5.4	2.0	> 10000	748	< 1	< 1	23	382	3.20	12	< 10	< 10	< 0.5	< 2	0.19	45	2	10.8	20	1	< 0.01	< 10
279818	20	< 0.2	1.0	332	583	< 1	10	5	52	0.10	< 2	< 10	13	< 0.5	< 2	1.57	18	7	2.19	< 10	< 1	0.05	< 10
279819	228	10.9	3.3	4120	132	< 1	10	16	227	0.04	10	< 10	< 10	< 0.5	2	0.07	33	7	1.55	< 10	< 1	0.02	< 10
279820	29	4.9	0.6	2830	84	< 1	140	9	197	0.04	4	< 10	< 10	< 0.5	< 2	0.06	258	6	9.73	< 10	2	< 0.01	< 10
279821	< 5	< 0.2	< 0.5	24	711	< 1	35	< 2	37	3.48	< 2	< 10	41	< 0.5	< 2	2.20	21	112	4.60	< 10	< 1	0.30	< 10
279822	< 5	< 0.2	< 0.5	83	977	< 1	31	< 2	92	3.88	< 2	< 10	27	< 0.5	< 2	2.08	21	53	6.66	< 10	< 1	0.05	18
279823	218	3.2	< 0.5	2460	106	< 1	< 1	3	10	0.07	< 2	< 10	< 10	< 0.5	< 2	0.13	2	7	1.26	< 10	< 1	< 0.01	< 10
279824	25	< 0.2	< 0.5	42	850	< 1	18	< 2	40	3.27	< 2	< 10	39	< 0.5	< 2	1.36	28	11	5.98	< 10	< 1	0.16	< 10
279825	< 5	< 0.2	< 0.5	45	1020	< 1	16	< 2	65	3.76	< 2	< 10	77	< 0.5	< 2	1.69	31	3	8.48	10	< 1	0.42	< 10
279826	101	2.0	0.8	2270	121	< 1	29	7	16	0.12	< 2	< 10	< 10	< 0.5	< 2	0.38	167	6	6.36	< 10	< 1	< 0.01	< 10
279827	16	0.4	0.5	394	82	< 1	3	7	91	0.06	< 2	< 10	< 10	< 0.5	< 2	0.01	9	6	1.21	< 10	< 1	< 0.01	< 10
279828	381	1.0	< 0.5	907	186	< 1	2	< 2	14	0.41	< 2	< 10	< 10	< 0.5	< 2	0.34	6	6	1.55	< 10	< 1	< 0.01	< 10
279829	5	0.2	< 0.5	35	553	< 1	19	14	112	1.80	2	< 10	< 10	< 0.5	< 2	1.01	19	40	3.80	< 10	< 1	0.02	< 10
279830	< 5	< 0.2	< 0.5	2	1110	< 1	63	7	109	6.14	6	< 10	18	< 0.5	2	1.66	54	87	11.3	10	< 1	< 0.01	< 10
279831	< 5	< 0.2	< 0.5	27	768	< 1	74	< 2	74	4.79	2	< 10	12	< 0.5	3	4.02	35	92	8.00	10	< 1	0.01	< 10
279832	< 5	< 0.2	< 0.5	66	705	< 1	75	< 2	43	4.15	< 2	< 10	13	< 0.5	< 2	1.85	28	294	4.49	< 10	< 1	0.02	< 10
279833	< 5	< 0.2	0.8	79	754	< 1	41	< 2	60	4.34	10	< 10	11	< 0.5	< 2	2.87	38	1	12.2	10	< 1	0.02	< 10
279834	< 5	< 0.2	< 0.5	34	769	< 1	57	< 2	70	4.66	7	< 10	25	< 0.5	< 2	2.05	36	10	11.7	10	< 1	0.02	< 10
279835	< 5	< 0.2	< 0.5	< 1	373	< 1	< 1	< 2	28	2.62	< 2	< 10	35	< 0.5	< 2	0.21	6	4	3.83	20	< 1	0.14	21
279836	< 5	< 0.2	< 0.5	< 1	307	< 1	2	< 2	95	4.54	< 2	< 10	26	< 0.5	< 2	0.86	7	2	3.57	20	< 1	0.06	69
279837	< 5	< 0.2	< 0.5	11	338	2	< 1	< 2	20	1.18	3	< 10	32	< 0.5	6	< 0.01	2	5	2.76	< 10	< 1	0.13	13
279838	< 5	< 0.2	0.6	< 1	429	< 1	3	< 2	57	5.19	4	< 10	13	< 0.5	< 2	0.15	17	1	6.62	20	4	0.01	68
279839	< 5	< 0.2	< 0.5	< 1	748	< 1	4	< 2	63	4.70	< 2	< 10	37	< 0.5	< 2	0.14	14	6	8.32	20	2	0.10	25

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
279801	0.53	0.063	0.121	0.71	4	17	59	0.11	7	< 2	< 10	3	< 10	14	11
279802	0.54	0.088	0.122	0.78	3	17	46	0.16	13	< 2	< 10	3	< 10	15	15
279803	0.14	0.028	0.004	0.17	< 2	2	3	0.02	2	< 2	< 10	17	< 10	1	6
279804	< 0.01	0.031	< 0.001	< 0.01	< 2	< 1	2	< 0.01	< 1	< 2	< 10	1	< 10	< 1	< 1
279805	0.03	0.024	< 0.001	0.16	< 2	< 1	1	< 0.01	< 1	< 2	< 10	2	< 10	< 1	< 1
279806	0.12	0.098	0.004	0.02	< 2	< 1	3	0.05	< 1	< 2	< 10	1	< 10	37	154
279807	0.12	0.055	0.004	0.23	< 2	< 1	3	0.05	< 1	< 2	< 10	1	22	51	183
279808	0.26	0.132	0.071	< 0.01	< 2	11	17	0.28	1	< 2	< 10	2	< 10	46	25
279809	1.33	0.362	0.098	0.21	3	18	29	0.29	2	< 2	< 10	290	< 10	21	11
279810	1.59	0.276	0.091	0.14	< 2	16	45	0.37	11	< 2	< 10	271	< 10	17	14
279811	2.09	0.050	0.042	0.01	< 2	11	53	0.32	< 1	< 2	< 10	101	< 10	9	7
279812	0.30	0.023	0.005	0.78	< 2	3	2	0.03	< 1	< 2	< 10	21	< 10	1	2
279813	0.02	0.023	0.001	0.01	< 2	< 1	< 1	< 0.01	< 1	< 2	< 10	3	< 10	< 1	< 1
279814	0.04	0.056	0.005	< 0.01	< 2	< 1	3	0.08	< 1	< 2	< 10	< 1	< 10	14	46
279815	0.19	0.070	0.005	< 0.01	< 2	< 1	3	0.06	3	< 2	< 10	< 1	< 10	18	104
279816	0.07	0.025	0.003	< 0.01	< 2	< 1	4	0.08	2	< 2	< 10	< 1	< 10	24	183
279817	2.52	0.018	0.087	2.17	3	11	6	0.03	< 1	< 2	< 10	3	< 10	4	24
279818	0.38	0.025	0.018	0.04	< 2	< 1	13	< 0.01	< 1	< 2	< 10	4	< 10	< 1	1
279819	0.02	0.023	0.001	0.70	< 2	< 1	1	< 0.01	1	< 2	< 10	2	< 10	< 1	1
279820	0.03	0.021	0.003	6.39	5	< 1	< 1	< 0.01	< 1	< 2	< 10	3	< 10	< 1	4
279821	1.98	0.091	0.044	0.01	< 2	14	50	0.33	7	< 2	< 10	101	< 10	9	8
279822	1.90	0.052	0.037	0.05	2	8	53	0.26	3	< 2	< 10	67	< 10	20	7
279823	0.04	0.023	0.002	0.26	< 2	< 1	< 1	< 0.01	< 1	< 2	< 10	4	< 10	< 1	< 1
279824	1.98	0.050	0.054	0.06	< 2	9	26	0.40	10	< 2	< 10	107	< 10	9	7
279825	2.08	0.113	0.072	0.01	4	19	24	0.44	< 1	< 2	< 10	190	< 10	15	11
279826	0.09	0.020	0.001	3.88	2	< 1	2	< 0.01	< 1	< 2	< 10	6	< 10	< 1	3
279827	0.04	0.020	0.001	0.21	< 2	< 1	< 1	< 0.01	1	< 2	< 10	4	< 10	< 1	< 1
279828	0.29	0.026	0.008	0.14	< 2	3	1	0.05	1	< 2	< 10	24	< 10	2	2
279829	1.41	0.028	0.015	0.08	< 2	10	6	0.14	3	< 2	< 10	76	< 10	6	4
279830	4.26	0.025	0.035	0.05	4	25	35	0.40	< 1	< 2	< 10	263	< 10	9	6
279831	2.35	0.061	0.013	0.11	2	20	66	0.35	2	< 2	< 10	308	< 10	5	4
279832	3.32	0.046	0.022	< 0.01	3	6	36	0.18	< 1	< 2	< 10	51	< 10	4	5
279833	2.74	0.096	0.113	0.12	5	19	21	0.54	4	< 2	< 10	235	< 10	10	10
279834	2.88	0.050	0.071	0.17	4	19	40	0.50	2	< 2	< 10	346	< 10	12	8
279835	1.85	0.082	0.004	< 0.01	2	< 1	4	< 0.01	< 1	< 2	< 10	4	< 10	7	26
279836	5.39	0.042	0.008	< 0.01	< 2	1	7	< 0.01	< 1	< 2	< 10	2	< 10	11	52
279837	0.44	0.056	0.005	< 0.01	< 2	< 1	4	< 0.01	< 1	< 2	< 10	< 1	< 10	7	20
279838	4.47	0.023	0.048	< 0.01	5	7	2	< 0.01	< 1	< 2	< 10	6	< 10	11	8
279839	2.54	0.026	0.055	< 0.01	< 2	8	3	< 0.01	< 1	< 2	< 10	38	< 10	9	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
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		29.3	2.5	1160	764	15	33	614	662	0.38	368	< 10	386	0.7	1500	0.72	6	6	22.2	< 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		3.4	< 0.5	6470	138	317	36	42	68	2.91	96	< 10	32	1.3	17	0.85	13	53	2.97	10	< 1	1.73	52
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	69	1050	2	22	92	124	7.57	215	< 10	761	0.8	< 2	0.13	12	79	5.56	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
SAR-M (U.S.G.S.) Meas		3.5	5.8	319	4660	12	42	1040	1000	1.26	33		166	0.9	< 2	0.29	10	90	2.74	< 10		0.31	47
SAR-M (U.S.G.S.) Cert		3.64	5.27	331	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	428																						
OxD108 Cert	414.000																						
OxD108 Meas	445																						
OxD108 Cert	414.000																						
SF67 Meas	912																						
SF67 Cert	835.000																						
SF67 Meas	916																						
SF67 Cert	835.000																						
279810 Orig	< 5																						
279810 Dup	< 5																						
279813 Orig		< 0.2	< 0.5	27	92	< 1	< 1	4	8	0.04	< 2	< 10	< 10	< 0.5	< 2	0.02	1	8	0.94	< 10	< 1	< 0.01	< 10
279813 Dup		< 0.2	< 0.5	27	94	< 1	2	4	8	0.04	< 2	< 10	< 10	< 0.5	< 2	0.02	1	8	0.95	< 10	< 1	< 0.01	< 10
279820 Orig	27																						
279820 Dup	32																						
279827 Orig		0.4	0.5	395	81	< 1	4	6	90	0.06	< 2	< 10	< 10	< 0.5	< 2	0.01	9	6	1.20	< 10	< 1	< 0.01	< 10
279827 Dup		0.5	0.6	393	83	< 1	3	7	91	0.07	< 2	< 10	< 10	< 0.5	< 2	0.01	9	6	1.21	< 10	< 1	< 0.01	< 10
279830 Orig	< 5	< 0.2	< 0.5	2	1110	< 1	63	7	109	6.14	6	< 10	18	< 0.5	2	1.66	54	87	11.3	10	< 1	< 0.01	< 10
279830 Split	6	< 0.2	1.1	2	1130	< 1	67	< 2	108	6.15	4	< 10	18	< 0.5	< 2	1.68	52	86	11.4	10	3	< 0.01	< 10
279831 Orig	< 5																						
279831 Dup	< 5																						
279838 Orig	< 5																						
279838 Dup	< 5																						
279839 Orig		< 0.2	< 0.5	< 1	748	< 1	5	< 2	64	4.69	< 2	< 10	38	< 0.5	3	0.14	14	6	8.34	20	1	0.10	24
279839 Dup		< 0.2	< 0.5	< 1	748	< 1	3	< 2	63	4.70	< 2	< 10	37	< 0.5	< 2	0.14	13	6	8.30	20	2	0.10	25
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank	< 5																						
Method Blank		< 0.2	< 0.5	7	9	< 1	< 1	< 2	5	< 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	0.054	0.045	0.20	90	1	183	< 0.01	11	< 2	33	74	144	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	1.56	0.145	0.123	1.74	5	7	72	0.13	< 1	< 2	< 10	78	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	0.034	0.01	5	21	29		3	< 2	< 10	170	< 10	5	11

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-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	0.038	0.060		7	3	29	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															
SF67 Meas															
SF67 Cert															
SF67 Meas															
SF67 Cert															
279810 Orig															
279810 Dup															
279813 Orig	0.02	0.022	0.001	0.01	< 2	< 1	< 1	< 0.01	< 1	< 2	< 10	3	< 10	< 1	< 1
279813 Dup	0.02	0.023	0.001	0.01	< 2	< 1	< 1	< 0.01	< 1	< 2	< 10	3	< 10	< 1	< 1
279820 Orig															
279820 Dup															
279827 Orig	0.04	0.019	0.001	0.21	< 2	< 1	< 1	< 0.01	1	< 2	< 10	4	< 10	< 1	< 1
279827 Dup	0.04	0.021	0.001	0.21	< 2	< 1	< 1	< 0.01	2	< 2	< 10	4	< 10	< 1	< 1
279830 Orig	4.26	0.025	0.035	0.05	4	25	35	0.40	< 1	< 2	< 10	263	< 10	9	6
279830 Split	4.28	0.025	0.036	0.05	6	25	36	0.39	1	< 2	< 10	256	< 10	9	6
279831 Orig															
279831 Dup															
279838 Orig															
279838 Dup															
279839 Orig	2.54	0.027	0.055	< 0.01	2	8	3	< 0.01	< 1	4	< 10	37	< 10	9	6
279839 Dup	2.53	0.025	0.055	< 0.01	< 2	8	3	< 0.01	< 1	< 2	< 10	38	< 10	9	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

Appendix C

Geological Maps of the Cat Key Property at 1:5000

West Sheet and East Sheet

Trenches near 20+00NBL on L54+00E & L56+00E
616 (TR4 Dump) 2.56 gpt Au
791 (TR1 - 0.8 chip) 6.31 gpt Au
625 (TR3 dump) 2.81 gpt Au
789 (TR3 - 1m chip) 0.66 gtp Au, 2.4 gpt Ag
Cedar Swamp
Sand plain and Jackpine
Trenches over Thompson Zone
Hwy 11
Road
Open Cut & Regen
Thompson Porphyry
9524 1.46 gpt Au
SEE INSET L54+00E TRENCH
SEE INSET THOMPSON ZONE
Powerline
HWY 11
TURTLE RIVER ROAD
OLIVE ROAD
STELLAR ROAD
MAP LEGEND
GEOLOGY LEGEND
Assay Results (ppm)
Elevated Values in Black Font
Anomalous Values in Red Font
Kilometers
Nad 83, Zone 15
NuVision Resources
CAT KEY PROJECT
2014 Summer Field Mapping and Sampling
Meters
NAD 83, Zone 15
Graphics by: Orix Geoscience Inc.
January 13, 2015