2014 Diamond Drilling Report
of the Cat Key Property
Mine Centre, Ontario
For
NuVision Resources ULC

By: Allen Raoul, PGeo.

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1 - Summary

The Cat Key Property was acquired by staking by NuVision Resources ULC for its gold potential however, the area has potential for base-metal and platinum-group metals. The property is located in the Mine Centre area, 60km east of Fort Frances, Ontario. The property is composed of sixteen mining claims (135 units), covering 21.32 km^2, that were staked in 2013 and 2014.

Historical prospecting in the Mine Centre area, 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 the felsic volcanic and volcanics rocks, have produced 25,000 oz. of gold and 3,000 ounces of silver from this camp. These small deposits were found by standard prospecting techniques.

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

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

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

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

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

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

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

In September – October of 2014, NuVision Resourcers ULC conducted a stripping and sampling program was performed on six target areas, or eight stripped sections, on the Cat Key Property. The targets areas were:

a) Port Arthur Copper 2 (L72+50E) – an area 115m x 3m was stripped on claim 4270749. A silica (5-50%) alteration zone was located in the altered felsic flows and tuffs with three weakly elevated (53–95 ppb Au) assays were detected.
b) T-Trench (L54E East Trench / 5420 Zone) – an area 195m x 3m was stripped on mining claim 4266168. A section of the wide-spread alteration and gold-copper mineralization located in altered felsic (dacite) flows-tuffs and sheared quartz gabbro. Three signifcant assays were located in altered felsic flows: anomalous 0.75 gpt Au over 1.45m and two weakly elevated (39-75 ppb Au) assays were detected.
c) Shaft Trench (L54E West Trench / 5420 Zone) – an area 85m x 2.5m was stripped on mining claim 4266168; 40m west of the T-Trench. This was to test the alteration and gold mineration located in trench 3 / Shaft and trench 4. One significant assays was located in altered felsic flows with **8.20 gpt Au and 6.4 gpt Ag over 1.49m**. Seven significant assays were located in gabbro or sheared gabbro with **1.22 gpt Au over 1.49m** and **1.86 gpt Au over 1.57m** and five weakly to elevated (50-270 ppb Au) assays were also detected.
d) Bush Rat Trench (L60E) – an area 160m x 3m was stripped on mining claim 4266168. This was to test the alteration and gold mineralization located in the Bush Rat Trench. Four signifcant assays were located in altered felsic flows; this averaged 0.216 gpt Au over 6.55m.
e) Thompson Porphyry (L38+50E) – an “cross-shaped” area 120m x 5m and 40m x 6m was stripped on mining claim 4266167. This was to test the alteration and gold mineralization located in the Thompson Trail Trench. Four subzones were tested:
    - Thompson Zone West – a 6.36m channel taken but no elevated gold values (over 0.1 gpt Au) in the carbonate-quartz altered basalt +/- porphyry zone.
    - Thompson Zone East – a 11.30m channel taken in the carbonate-quartz altered basalt +/- porphyry zone. One anomalous value of **1.09 gpt Au over 1.64m** and two elevated values (113-142 ppb Au) and two weakly elevated (57-66 ppb Au).
    - Thompson Zone South – a 7.18m channel taken in the chlorite-calcite altered basalt +/- quartz veins with tr-1% py. Two anomalous values of **0.88 gpt Au over 0.90m** and **0.56 gpt Au over 1.63m**.

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

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

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

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

From October 15th to November 13th of 2014, a seven hole (1946m) diamond drill program was completed on the Cat Key Property. The hole targets were:

Table 1 – Drill Hole Locations for NuVision Resources ULC

Hole No.	Easting	Northing	Elev (m)	Dip	Azimuth	EOH (m)	Target
NVR14-1	518858	5398656	398	-50	325o	494.00	Strong B-Field Anomaly identified by Sedex in their 2009 airborne survey
NVR14-2	518710	5399194	397	-50	325o	299.00	Copper-Gold SGH anomaly identified by NuVision in their 2014 soil sampling survey
NVR14-3	520251	5399160	392	-50	325o	261.15	Gold bearing Trench (#2) in the Thompson Zone, identified by NuVision in their 2014 mapping survey
NVR14-4	520083	5398973	393	-50	325o	245.00	Testing the west extension of the carbonate – quartz zone (Thompson Zone), located in drill hole NVR14-03.
NVR14-5	521373	5400286	374	-50	190o	242.00	Testing the T-Trench (East) and Trenches 1 & 12 gold values in the alteration zone
NVR14-6	521285	5400276	374	-50	190o	206.00	Testing the west extension of the Shaft Trench
NVR14-7	521339	5400275	376	-50	190o	195.70	Testing the Shaft Trench (West) or Trenches 3 & 4 gold values in the alteration zone
						1942.85	

The best assays from the 2014 drill program were:

Table 2 – Assay Summary Table for NuVision Resources ULC

NuVision Resources ULC - 2014 Drill Program on Cat Key Property - Assay Highlights												
Hole	**From**	**To**	**Interval**	**Rock Type**	**Sample**	**Au**	**Ag**	**Cu**	**Ni**	**Zn**	**Pt**	**Pd**
Number	**m**	**m**	**m**		**Number**	**gpt**	**ppm**	**ppm**	**ppm**	**%**	**ppb**	**ppb**
NVR14-1	**49.70**	**53.68**	**3.98**	**Chl. Bst. + 20% Sph-Py-Cpy**	**120024-120026**	0.01	**0.6**	**588**	1	**2.02**	na	na
NVR14-1	53.68	65.00	11.32	Chl. Bst. + 5% Sph-Py-Cpy	120027-120034	0.01	0.6	414	1	0.53	na	na
NVR14-2	21.40	31.22	9.82	Shear Gabbro	120166-120172	0.005	5.0	25	541	0.01	49	15
NVR14-2	129.70	130.77	1.07	Silc Dacite	120200	0.12	0.7	339	< 1	>1.00	na	na
NVR14-3	**72.30**	**80.00**	**7.70**	**10-30% QV in Felsic Porphyry**	**120332-120336**	**0.85**	**0.40**	2	1	<0.01	na	na
NVR14-3	**98.00**	**101.00**	**3.00**	**Qtz Flooded Basalt +1% py**	**120350-120351**	**1.22**	**0.7**	50	42	0.01	na	na
NVR14-5	37.22	39.94	2.72	Silc-Chl Dacite + <5% Py	120554-120556	0.54	0.5	92	1	0.01	na	na
NVR14-5	49.28	52.83	3.55	Silica Alt Dacite + >5% Py-Po-Aspy	120558-120560	0.30	0.2	58	21	0.02	na	na
NVR14-5	71.40	72.66	1.26	QCV-Py in Chl Dacite	120886 & 120565	0.89	0.3	46	1	0.14	na	na
NVR14-6	119.00	119.87	0.87	Chl-Carb Alt Basalt + >1% Py	120715	0.11	< 0.2	< 1	< 1	0.01	na	na
NVR14-6	174.50	175.23	0.73	Chl Dacite Volc + 1% Py	120743	0.12	< 0.2	42	< 1	0.02	na	na
NVR-14-7	**87.56**	**89.58**	**2.02**	**QV-Silc Dacite + <2% Py-Po**	**120807-120808**	**3.47**	**1.05**	73	8	<0.01	na	na

Based upon the highly elevated and anomalous gold, silver, base metal and PGMs values of the trenching and drilling programs, further work is warranted to develop the mineral potential of the Cat Key Property.

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2 - Introduction

This report presents and summarizes the 2014 diamond drill program, carried out from October 15th to November 13th, on the A-Grid and B-Grids of the Cat Key Property. The program was undertaken by NuVision Resources ULC, near Mine Center, located 56km east of Fort Frances, Ontario.

This drill program was conducted over four weeks and consisted of:

1) NuVision management (Max Reiter, Ray Bernatchez) with this author (Allen Raoul), outlined seven areas to drill on the Cat Key Property.
2) These hole were spotted using a collar stake (2.5m) and two foresight stakes (2m) placed on the drill line, by this author or our Senior Prospector (Bill Bone).
3) Drilling was contracted out to Mallette Drilling of Kenora, Ontario. They were supervised by the co-owner and Senior Driller Mark Mallette. The drillers stayed at Bliss Lake Cabins in Mine Centre.
4) At shift end or at the end of nightshift, the core was delivered to "The Shop" at 220 6th Street West in Fort Frances, Ontario. The core was processed (cut and bagged) there.
5) The processing of the samples were labelled on both sides of the sample bag (10 kg capacity) and a water-proof sample tag included. Samples averaged 5.0 kg, when a 1.5m long core sample taken.
6) These samples were placed in rice bags, in groups of five samples, and shipped by Courtesy Courier of Fort Frances. These samples were weighed and sent collect to Actlabs in Thunder Bay, within a 1-2 day time period.
7) Actlabs completed Au and 31 Element ICP (Induced Couple Plasma) on all the samples taken. Assays that exceeded the detection limits, such as 3.00 gpt Au for Fire Assay or 10,000 ppm Zn for ICP, were re-assayed using another methodology, with higher detection limits.
8) This author, Allen Raoul of Fort Frances, was hired to produce the Diamond Drill Report on the Cat Key Property of Mine Centre.

The drilling program was schedule was as follows:

Table 3 – Drill Schedule by Mallette Drilling for NuVision Resources ULC

NuVision Resources ULC - 2014 Drill Program (Dec 08/14)							
Mallette Drilling				**October - November**			
Date	**Shift**	**Hole**	**From (m)**	**To (m)**	**Interval**	**Moves**	**Reflex tests**
15-Oct	day	Mob				0	
	night					0	
16-Oct	day	Wrong setup				0	split move (half to NVR)
	night					0	
17-Oct	day	remob				3	
	night	NVR14-1	0	47	47		17m @ -49.5o
18-Oct	day	NVR14-1	47	92	45		74m @ -48.8o
	night	NVR14-1	92	164	72		101m @ -48.5o, 149m @ -48.1o
19-Oct	day	NVR14-1	164	200	36		
	night	NVR14-1	200	245	45		224m @ -47.2o
20-Oct	day	NVR14-1	245	290	45		
	night	NVR14-1	290	332	42		290m @ -46.7o
21-Oct	day	NVR14-1	332	359	27		
	night	NVR14-1	359	401	42		377m @ -44.1o
22-Oct	day	NVR14-1	401	419	18		
	night	NVR14-1	419	452	33		452m @ -41.5o
23-Oct	day	NVR14-1	452	488	36		
	night	NVR14-1	488	494	6	2	494m @ -40.3o
24-Oct	day	NVR14-2	0	17	17	9	
	night	NVR14-2	17	98	81		23m @ -49.5o, 74m @ -48.4o
25-Oct	day	NVR14-2	98	158	60		151m @ -47.2o
	night	NVR14-2	158	179	21		
26-Oct	day	NVR14-2	179	185	6	6	
	night	NVR14-2	0	0	0	repairs	
27-Oct	day	NVR14-2	185	188	3	11	
	night	NVR14-2	188	230	42		
28-Oct	day	NVR14-2	230	287	57		
	night	NVR14-2	287	299	12		230m @ -44.8o, 299m @ -40.9o
29-Oct	day	NVR14-3	0	5	5	8	
	night	NVR14-3	5	62	57		20m @ -50.1o
30-Oct	day	NVR14-3	62	89	27		
	night	NVR14-3	89	149	60		149m @ -47.3o

31-Oct	day	NVR14-3	149	206	57		
	night	NVR14-3	206	260	54		
01-Nov	day	NVR14-4	0	14	14	4	
	night	NVR14-4	14	107	93		80m @ - 51o
02-Nov	day	NVR14-4	107	164	57		160m @ -50.1o
	night	NVR14-4	164	206	42		
03-Nov	day	NVR14-4	206	248	42		248m @ -50.1o
	night		0	0	0	3	
04-Nov	day		0	0	0	9	
	night		0	0	0	repairs	
05-Nov	day	NVR14-5	0	50	50		12m @ - 49.5o
	night	NVR14-5	50	80	30		
06-Nov	day	NVR14-5	80	140	60		
	night	NVR14-5	140	185	45		
07-Nov	day	NVR14-5	185	245	60	3	245m @ -48.4
	night	NVR14-6	0	0	0	7	
08-Nov	day	NVR14-6	0	101	101		9m @ - 50.2o, 77m @ -49.5o
	night	NVR14-6	101	167	66		162m @ - 48.8o
09-Nov	day	NVR14-6	167	209	42		209m @ - 48.4o
	night		0	3	3	2	
10-Nov	day	NVR14-7	3	68	63		6m @ - 49.6o, 50m @ -49.2o
	night	NVR14-7	68	98	30		
11-Nov	day	NVR14-7	98	140	42		125m @ - 48.3o
	night	NVR14-7	0	0	0	repairs	
12-Nov	day	NVR14-7	140	167	23		
	night	NVR14-7	167	194	27		194m @ - 48.3o
13-Nov	day	demob				12	
FINISHED							

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

3A – First Nation Consultations

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

Table 4: Aboriginal Consultation with NuVision Resources Inc. (2014, 2015)

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

Richard Levesque KBL Outdoor Exploration Fort Frances		July - Aug 2014	Completed over 100km of soil sampling (SGH) on the Cat Key Property, using 4 members of the Couchiching FN. Two members of Seine River were supposed to participate but did not show up for work.
Allen Raoul NuVision Res		Sept 6 - Oct 9	Hired Mr. Steven Tucker (Couchiching FN) to work with Chief Prospector Bill Bone for 5 week stripping & channelling program on the Cat Key.
Allen Raoul NuVision Res	Alex Bruyere, Fort Frances Chiefs Secret.	20-Oct	Allen confirmed fieldtrip for next day and meeting at the junction of Hwy 11 & Turtle River Road.
Max Reiter & Allen Raoul & Ray Bernatchez NuVision Res	Tour of property	21-Oct-15	Fieldtrip of NuVision Property for Mr. Alex Bruyere (FF Chiefs Secretariat), Ron Allen (Red Gut FN), Cameron Allen (Red Gut FN) and Tyrone Tenniscoe (Seine River FN). Allen gave out 5 page handout of work completed to present, tour of 2 of the stripping areas and visit to the drill site (in progress); 3 hrs long. Note: Cameron got hired on by Mallette drilling for the next >3 weeks as drillers helper.
Max Reiter NuVision Res	Alex Bruyere, Fort Frances Chiefs Secret	07-Jan-15	Max regular calls Alex every 6-8 weeks to discuss any possible issues in any of the First Nation Communities or to participate in any information sessions. Discussed the presence of Couchiching reps at PDAC. Max told them we have a booth (on March 1-2) in core shack and we (Allen & Ray) would be happy to go over everything to date. Allen will contact the week before to confirm their attendance - will have updated handout for them.
Max Reiter NuVision Res.	Alex Bruyere, Fort Frances Chiefs Secret.	05-Feb-15	NuVision has accepted to attend the 2nd Annual Fort Frances Aboriginal Information Session in Fort Frances on March 25/15.

3B – Consultation with Ontario Geological Survey

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

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

4- Claims and Location

The following 16 mining claims or 135 claim units (21.32 km^2), cover the Cat Key Property in Mine Centre, Ontario. These claims have been staked for NuVision Resources Inc. A list of claims can be seen in table 5 and a claim map can be seen in figure 1.

Table 5 - 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.

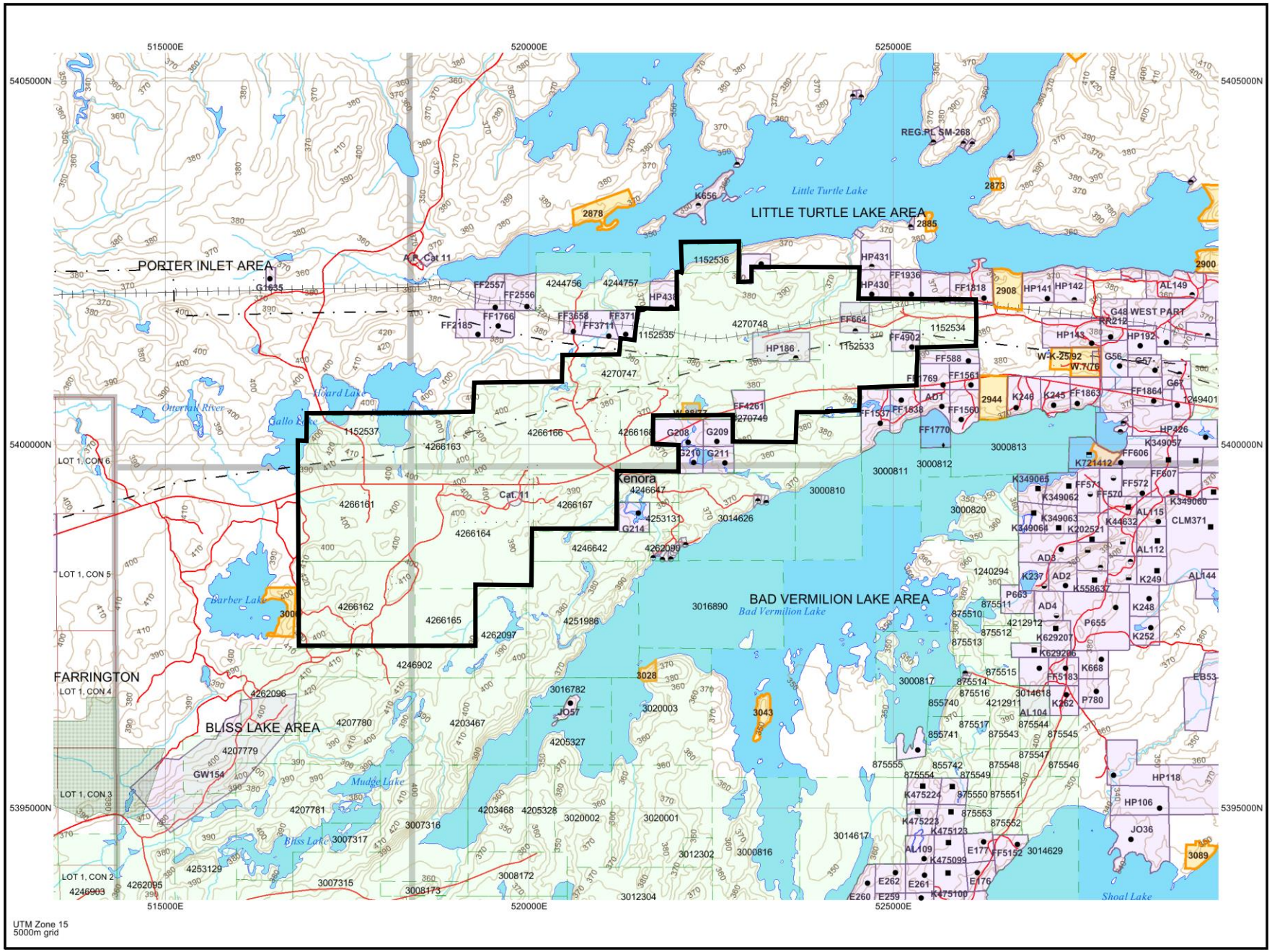


Figure 1: Claims of NuVision Resources Inc. (modified after Claims Map III, Oct. 07, 2014)

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

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

Satellite Metal Mines 1963	3 DD	Drilled 3 holes (320m) in Mine Center area. Hole S-7 drilled west of patent G208 and intersected 0.3m of 0.31 gpt Au & 4.35 gpt Ag in andesite with Py – Gal. 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'	KAF 52C10NE CC-1 OE 52C10NE0497
Ed-Vic Expl 1977	Tr & Str	Stellar No.2 Vein – stripping and trenching near No.2 vein. Stripped 285m^2 and 10 trenches – 0.6-0.9m wide x 3-12m long x 0.6-0.9m 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 hole 1 on the south shore of Little Turtle lake testing 2 qtz veins, near shaft. Intersected 15 – 95m of greenstone with quartz and stringers of Po-Py-Aspy. No assays given.	KAF 52C15SE T-1
R. McMillan 1981	Stripping	Completed 84 days of stripping on the south shore of Little turtle Lake and adjoin claims to southeast. No detailed map or assays	KAF 52C15SE T-2
Ray Pitkanen 1982	Stripping & Trenching	Barber Lake Gold – stripping (4m2) along vein and two small pits (<1m^2) & 1 trench (5m^2)	KAF 52C10NW O-2 KAF 52C15SE S-5
Ray Pitkanen 1982	Stripping & Trenching	Pitkanen Showings – completed stripping & trenching (356 days) on 2 areas: East of FF4902–5 stripped area,4 trenches West of FF4902-5 stripped area,3 trenches No assays shown	KAF 52C15SE S-4
Ray Pitkanen 1982	Stripping & Trenching	OMEP 82-3-P133: Pitkanen Showings – East of FF4902– expanded to 8 trenches and trench 6 grab sample yielded 1.56 gpt Au, 585 gpt Ag and 4.93% Pb. On patent 588 – 5 areas stripped & 4 trenches in shear & minor sulphide but no assaying (BL2). On patent 1749 – 2 other areas stripped -BL3 with trenches 13 to 17 in rusty shears but low sulphides so no assays -BL4 with trenches 18-27 but no assays. On west side of FF4902 – shaft put down in 0.9m sulfide but assayed only 0.12 gpt Au.	OE 52C15SE0020
Steep Rock Iron 1983	Mag & EM	Patton – Barber Lake property: EM – 6 NE trending conductors and 7 weaker conductors Mag – NE trending rock, mag high of mafic intrusive +/- iron oxide or iron sulphides, mag low of felsic units (volcanic or intrusives).	KAF 52C15SE Y-1 (KAF 52C10NW S-1) TOR 2.55430 OE 52L15SE8272 (misprint 52C15SE)
Steep Rock Iron 1983	Mag & EM	Mine Centre West (Barber Lake Gold) – Phantom complete ground Mag & EM on the property. Six anomalies on NE grid and seven anomalies on SW grid.	KAF 52C15SE Y-2 (KAF 52C10NW S-2) TOR 2.60830 OE 52C15SE0018 (OE 52L15SE8272)
Homestake 1983	Mapping, Geochem	Geological & geochem mapping of the Olive Property but, it does included NuVision claims north of Hwy 11. The focus of the geology report is on the historic Olive Mine but a good property history is given on all the claims. A second geological report on the optioned West Block (west of Barber Lake) & East Block (around Port Arthur Cu) is included but not	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 the NuVision claims, north of Hwy 11. The lithological boundary of the Bad Vermilion anorthosite is shown plus several large structural features, esp. on the AEM.	OE 52C15SE0017
Central Crude Ltd 1983	Geological, Geophysical	Mapping along the western shore of Bad Vermilion Lake, including Stellar. Chip sampling yielded 0.15-247.56 gpt Au over 0.91m from shaft area (5 samples). Small bulk samples (23kg) ran 0.93 – 3.48 gpt Au from shaft dump; approx. 200 tons sampled at 2.18 gpt Au (rep). Mag & EM surveys located contacts of anorthosite – trondhjemite boundaries. Mapping at 1:2000 produced 2 large colored maps with distinct geological borders.	KAF 52C10NE OO-3 TOR 2.74240
Central Crude Ltd 1984	6 DD (199m)	Drilling the Rainbow Vein (Stellar) is exposed for 18m long at 083^{o}/86^{o}N and plunges 50^{o} east St02- 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 – no testing on the current property.	KAF 52C15SE BB-6
Falconbridge 1985	Map, DD	Drill Report on 1 hole (236m) on Lochart Lake hit 7.5m of 0.33% Zn with other small zones (<1m). This data shows high sulphide zones can be traced along strike.	KAF 52C10NW W-7

		Mapping at 1:5000 shows Bad Vermilion west to Barber Lake with geology, zones & drill holes.	
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. Several EM and Mag anomalies were identified.	KAF 52C10NE NNN-1 TOR 2.39121 OE 20004920 (OE 20000003233)
Sedex Mining 2008	Stripping, Prosp & Sample	Northern Mineral Exploration Services stripped 2 areas along the Thompson Gold. It located a 230o trending ankerite-calcite-chlorite shear zone with qtz-brg ladder veins, along a mafic- felsic contact. Best assay was 2.74 gpt Au over 1.0m.	KAF 52C10NE NNN-2 TOR 2.41622 OE 20006272 (OE 20000004191)
Sedex Mining 2008	Prospecting	Prospector D. Healey hired to locate and prospect two separate areas: 1. An E-W trending sulphide zone was found just south of Highway 11 within a chlorite schist (mafic volcanics) with 10-20% Py + trace Cpy. This horizon appears to be on strike to the Port Arthur Copper. 2. Two shafts were located (by patent FF4902) and have an E-W trending, 1-3m sulphide zone (10-30% Py +/- Cpy) in chlorite schist. Samples for both taken but assays un-available for either showing.	KAF 15C15SE TT-1 OE 20005364
Ray Bernatchez NuVision Res. ULC 2014	NI43-101 Independent Report of Merit	Summary Report has shown that “altered and sheared contacts between lithological units in the Mine Centre area appear to host known gold mineralization.	Unpublished Report
Allen Raoul NuVision Res. ULC 2014	Geological Mapping	Mapping the A-grid and B-grid at 1:2000 with six significant zones located. Assays up to 6.3 gpt Au over 0.8m.	Unpublished Report
Pierre Simoneau GeoSig. Inc 2014	Geophysics Report	Ground Magnetic and VLF-EM on the Cat Key Property with 41 anomalies with coincident magnetic highs and lows.	Unpublished Report
Dale Sutherland Actlabs 2014	Report A014-04580	Completed Blue Lines for SGH Survey with 22 anomalies.	Unpublished Report
Dale Sutherland Actlabs 2014	Report A014-05889	Completed Red Lines for SGH Survey with 22 anomalies.	Unpublished Report
Allen Raoul NuVision Res. ULC 2014	Stripping Report	Stripping eight areas on the Cat Key Grid. Best assays were: Shaft Trench – 8.2 gpt Au,6.4 gpt Ag/1.49m Thompson Porphyry - 1.09 gpt Au /1.64m	Unpublished Report
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	Stellar Gold Mine Examine 2 drill sites but core moved off site (to Fort Frances). Hole 2 showed bull quartz with heavy mineralization of Gal-Py-Cpy; associated with trench 1. No assays.	Property Visit Dec. 21, 1977 Beard & Rivett
B. Schneiders OFR 5539 OGS 1980	Property Visit	McMillan – 1m wide quartz-carbonate vein, traced 50m, at 276°/86°N in sheared mafic volcanic. Best assay was 0.62 gpt Au in qtz -brg volcanics with ser-chl alteration.	Property Visit July 30, 1980 B. Schneiders & R. Dutka
OGS 1987	Property Visit Files	Headlight Bay (300m S of patent FF4902) – part of Minnova Assessment file – drill hole HS-08 (43 -167m) interested altered felsic volcanics with ser-chl alteration and stringer zones (<2m) of up to 3% Py +/- Cpy – Sph but no assays.	KAF 52C10NW Y-2
K.H. Poulsen OGS 2000	Mapping, Mag-EM, DD & Str-Tr	#17 – Ronda-Satellite Prospect – several, narrow, Py-Cpy bearing zones located at felsic –mafic contact. Best assays were 7.36% Zn, 2.89% Pb, 0.30% Cu and 43 gpt Ag from grab sampling.	See MDC 29, pg.42
K.H. Poulsen OGS 2000	Mapping, geophysical surveys, 30 DD	#42 – Stang Prospect – Py +/- Po-Cpy in 1m talc-chlorite-carbonate shear zone but traced over 450m. No assays available.	See MDC 29, pg.61-62
K.H. Poulsen OGS 2000	2 Shafts, Mag-EM, 2 DD	#43 – Stellar Mine – 5 significant veins: #1 vein – 240°/70°NW @ 0.76m wide with assays up to 9.33 gpt Au #2 vein – 265°/steep N @ 1.17m with assays of 3.73 – 93.30 gpt Au #4 vein – 240°/V @ 0.46m with gold. un-named vein – 245o/V @ 0.73m with assays of 9.33 gpt Au. #6 vein – 330°/shallow E @ 0.91m & 0.15m with 3% Cu & 4.67 gpt Au	See MDC 29, pg.62
K.H. Poulsen OGS 2000	Trenching	#68 – Thompson – quartz-ankerite +/- py veins at 310° and four averaged 2.49 gpt Au in carbonate-pyritic bearing trondhjemite	See MDC 29, pg.71-72
K.H. Poulsen OGS 2000	3 DD	#69 – Noranda Barber Lake – two Py-Po +/- Sph-Cpy-Gal zones at felsic-mafic contact. Best assay was 4.6m of 0.49% Zn, 0.07% Cu and 0.06% Pb.	See MDC 29, pg.72
K.H. Poulsen OGS 2000	3 DD	#70 – Barber Lake Base Metal – drilling tested EM conducted at mafic-felsic contact. 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 - Poulsen

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

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

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

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

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

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

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

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

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

Wabigoon Subprovince supracrustal rocks are metamorphosed to 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.

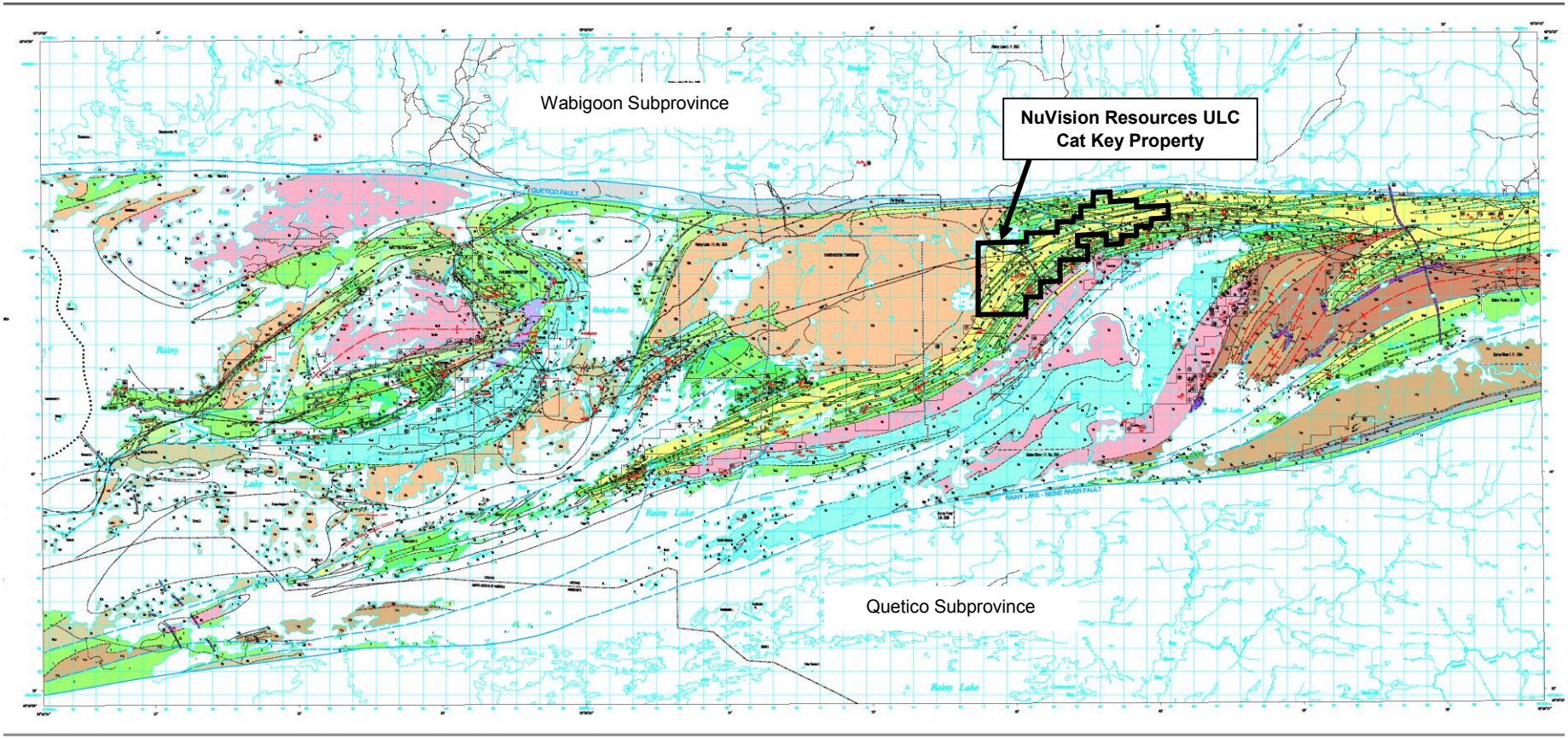


Figure 2 – Regional Geology of Cat Key Property, NuVision Resources ULC (modified after Poulsen, 2000)

7 - Property Geology

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

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

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

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

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

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

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

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

Unit 1 Mafic MetaVolcanics Rocks

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

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

Unit 14 – Fault Rocks

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

Unit 13 – Dike Rocks (Diabase)

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

Unit 12 - Felsic Intrusives

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

Unit 7 – Mafic Intrusives

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

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

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

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

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

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

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

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

Unit 3 - Felsic Volcanics and Metamorphosed Equivalents

a) Felsic Flows (Rhyolite) +/- Tuffs

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

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

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

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

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

Unit 2 - Intermediate Volcanics

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

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

Unit 1 - Mafic Volcanics

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

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

b) Sheared / Altered Mafic Flows +/- tuffs

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

c) Mafic Breccia to Amphibolite

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

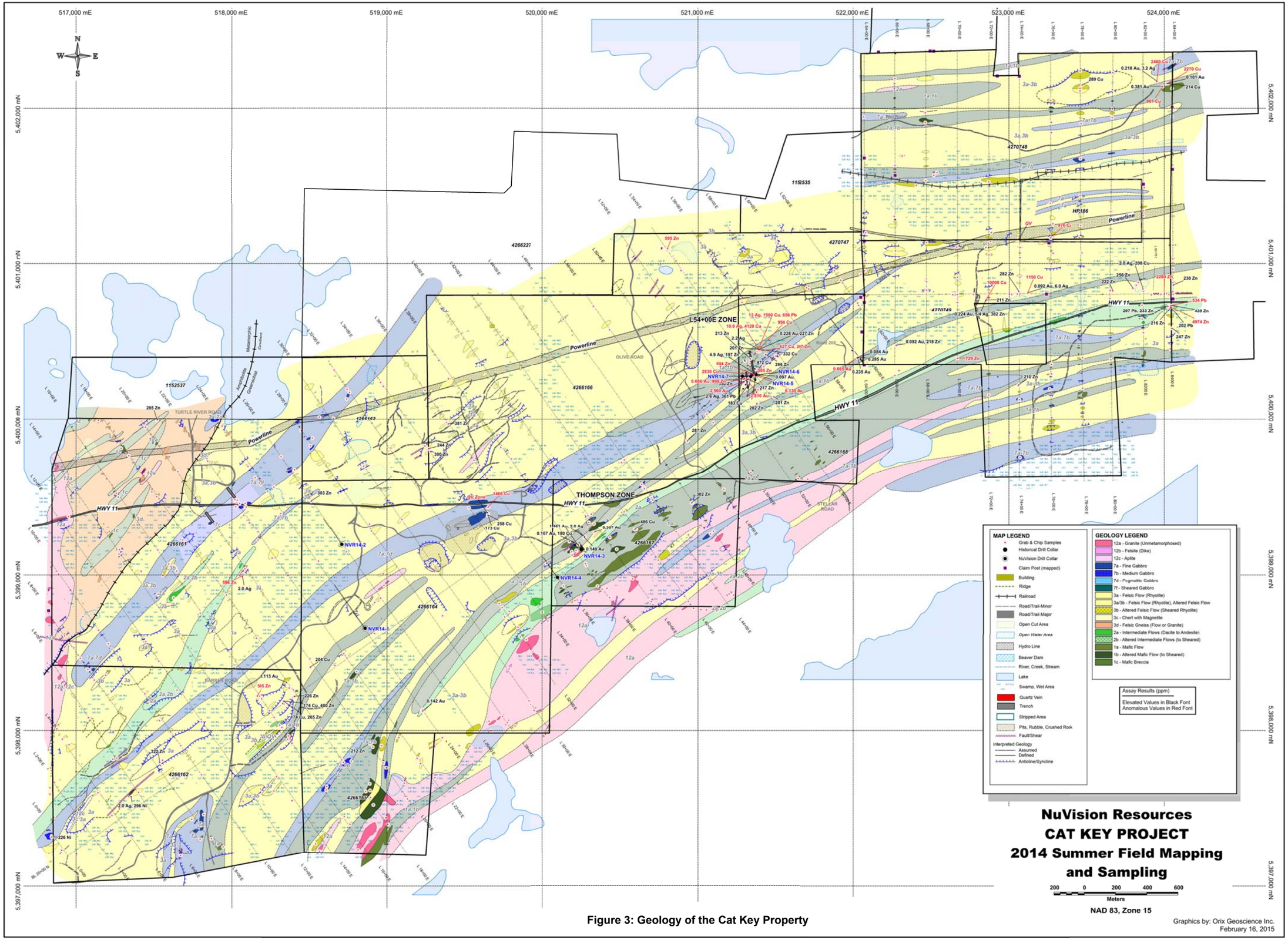


Figure 3: Geology of the Cat Key Property

8 - Geological Structures and Other Features

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

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

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

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

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

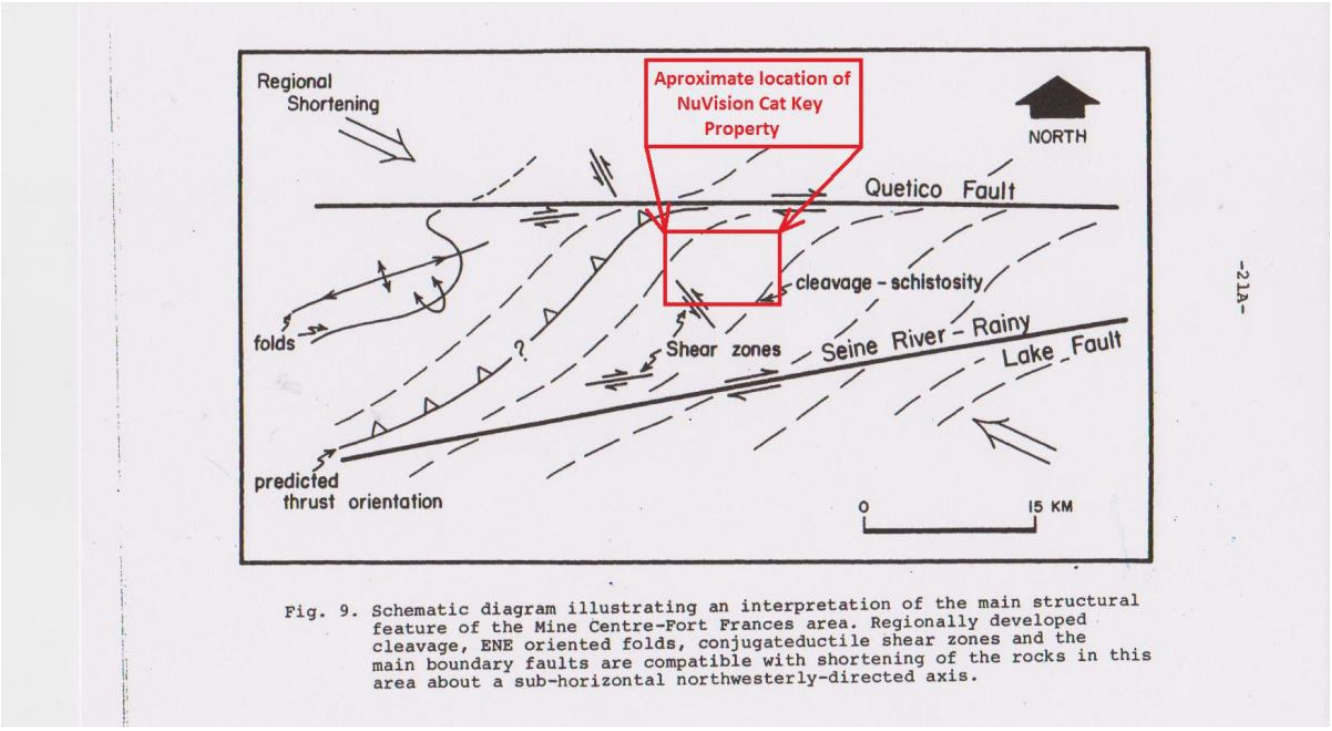


Fig. 9. Schematic diagram illustrating an interpretation of the main structural feature of the Mine Centre-Fort Frances area. Regionally developed cleavage, ENE oriented folds, conjugateductile shear zones and the main boundary faults are compatible with shortening of the rocks in this area about a sub-horizontal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

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

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

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

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

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

9 – Metamorphism

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

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

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

10 - Mineralized Types

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

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

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

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

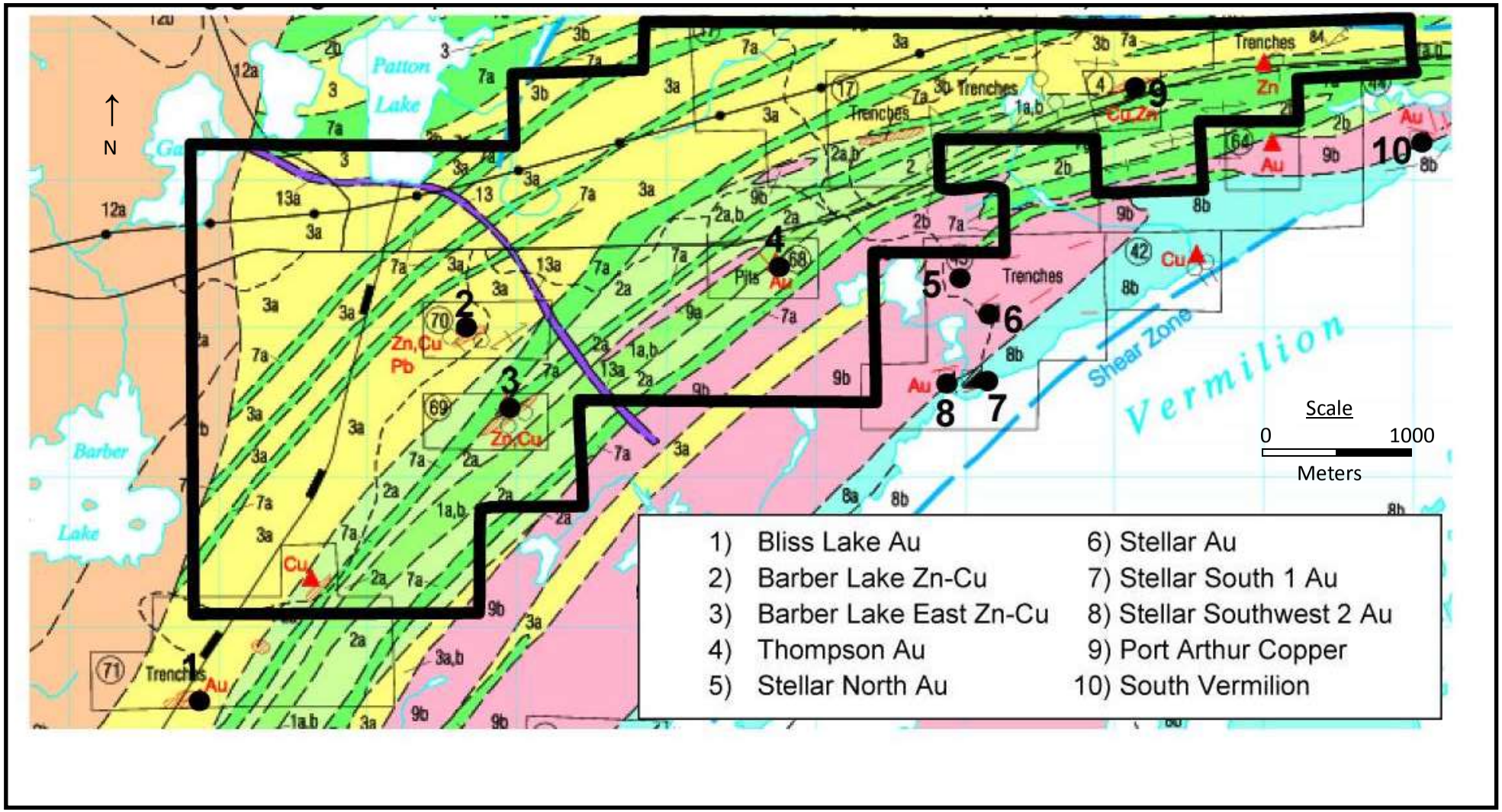
Type 4: Ultramafic-Hosted Mineralization
- Disseminated chalcopyrite-pyrrhotite mineralization hosted by ultramafic metavolcanic rocks – North Rock prospect.

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

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

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

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



11- 2014 Drilling Program by NuVision Resources ULC

In October 15 to November 13 of 2014, a drill program was performed on four target areas, or seven holes, on the Cat Key Property. The targets areas were:

HOLE NVR14-01

From October 17th to 23rd of 2014, hole NVR14-01 was drilled on the Cat Key Property. The hole was drilled at grid location L24E & 21+00N at 325° @ -50° to intersect a strong B-Field Anomaly identified by Sedex in their 2009 airborne survey. A drill hole summary is located below and a detailed drill log is located in Appendix A.

Table 7a – NVR14-01 Drill Hole Summary

NuVision Resources ULC - Cat Key Property			
Drill Hole Summary:			**NVR14-1**
Grid Location:			L24E, 21+00N
UTM Location:			518858E 5398656N (NAD 83, Zone 15)
Direction:			Azm 325° @ -050°
End of Hole:			494.0m
Logged By:			Allen J. Raoul, PGeo.
Dates:			October 17 - 23, 2014
From (m)	**To (m)**	**Interval (m)**	**Description**
0.00	6.00	6.00	Casing
6.00	8.37	2.37	Andesite
8.37	20.84	12.47	Sheared and Altered Basalt with tr-1% Py.
			11.95-12.15 (0.20m) - 10-20% silica alteration plus tr-1% Py
			17.91-18.15 (0.24m) - 10-20% silica alteration plus 2-3% Py
20.84	69.34	48.50	Chlorite Altered Basaltic Tuff (CABT) with tr - 5% Py with stringers zones of up to 30% Py-Sph-Cpy
			21.33-22.70 (1.38m) - 3-5% Py, 1-2% Sph, tr-1% Cpy in CABT
			30.00-33.25 (3.25m) - 1-4% Py + Po
			22.70-30.00 (7.05m) ran 0.04% Cu and 0.19% Zn
			37.48-39.20 (1.72m) - 5% Po-Py, 1-2% Sph
			39.76-40.10 (0.34m) - 5% Po - Py and ~ 1% Sph
			41.79-49.70 (7.91m) - 5% Py with 2-3% Sph - Cpy
			49.70-51.70 (2.00m) - 6-7% Sph with 2-3% Py-Cpy
			51.70-52.78 (1.08m) - 1-3% Py disseminated. with tr-3% Py-Sph stringers
			52.78-53.68 (0.90m) - 12-15% Sph, 2-5% Py-Cpy as stringers
			55.75-65.00 (9.25m) - 3-5% Py - Sph -Cpy as fine stringers

			49.70-65.00 (15.30m) ran 0.82% Zn
			including 49.70-53.68 (3.98m) ran 2.6 gpt Ag and 2.02% Zn
69.34	82.83	13.49	Fine Gabbro
82.83	84.60		Sheared Chlorite-Biotite Altered Basalt + 1-2% Py
	84.40	84.60	Fault Breccia
84.60	103.34	18.74	Chlorite Basalt (Flow) + trace Py
103.34	116.26	12.92	Chlorite Felsic Flow (Dacite) + trace Py
116.26	119.00	2.74	Felsic Flow (Rhyolite) + tr-2% Py
119.00	122.90	3.90	Chlorite Felsic Flow (Dacite)
122.90	133.95	11.05	Andesite to Basalt Flow with tr Py
			128.50-130.50: 2-4% Py disseminated and in fractures
			130.50-133.50: 2% Py +/- Cpy stringers
133.95	157.32	23.37	Felsic Tuff (Dacite)
			141.30-144.00: tr-3% Py stringers
			141.30-142.80 (1.50m) ran 0.11% Zn
157.32	162.00	4.68	Felsic Tuff (Rhyolite-Dacite) with 2-10% Py + Tr-5% Sph Stringers
162.00	163.09	1.09	Chloritic Dacite with trace Py
163.09	167.00	3.91	Biotitic Dacite with 1% Py-Po
167.00	180.45	13.45	Dark Rhyolite with 2-8% Py +/- tr-2% Sph - tr Cpy
180.45	188.76	8.31	Chloritic Rhyolite with trace-1% Py
188.76	201.66	12.90	Basalt Flow + tr Py
201.66	216.48	14.82	Chloritic Rhyolite + tr-3% Py - Po
216.48	220.00	3.52	Carbonate - Chlorite Altered Rhyolite with 2-4% Py
220.00	221.64	1.64	Chlorite-Biotite Altered Rhyolite with stringers 5-10% Py + 1-4% Sph + tr-1% Cpy (stringers)
221.64	222.98	1.34	Chloritic Felsic Pyroclastics + <1% Py
			220.00-222.98 (2.98m) ran 2.6 gpt Ag and 0.12% Zn
222.98	228.65	5.67	Basalt
228.65	245.56	16.91	Weak Chlorite-Sericite Altered Rhyolite + 1-2% Py (Lapilli Tuff)
245.56	254.81	9.25	Chlorite Altered Dacite to Andesite with trace Py
254.81	274.87	20.06	Chlorite-Sericite Altered Rhyolite + 2% Py-Po (Lapilli Tuff)
274.87	286.30	11.43	Chlorite Dacite (flow) with silica alteration + trace Py
286.30	286.87	0.57	Fault Zone of chlorite-chlorite + quartz-epidote in felsic volcanics
286.87	320.45	33.58	Chlorite-Sericite Altered Dacite + tr Py (Lapilli Tuff)
			294.51 - 320.45: fracture zone with chlorite-calcite infill + tr Py
320.45	332.68	12.23	Amygdaloidal Basalt
			324.68-325.62: Fault Zone
			326.36-328.10: Fault Zone

332.68	337.65	4.97	Chloritic Dacite Flow with >2% Py-Po
337.65	339.14	1.49	Massive Sulphides - 60% Py-Po, 2-4% Sph, tr-2% Cpy in Chert
			337.65 - 339.14 (1.49m) ran 0.04% Zn, 1.3 gpt Ag and 41 ppb Au
339.14	349.18	10.04	Exhalite Zone - >80% silica (cherty) and 10% chlorite-calcite with tr-5% Py +/- Po, tr-1% Cpy
349.18	357.09	7.91	Chloritic Rhyolite to Dacite with tr-1% Py
357.09	387.28	30.19	White Granite (possible sub-volcanic feeder dike) with >30% clasts of chloritic dacite
387.28	414.88	27.60	Chloritic Dacite
			413.75-414.88: Granodiorite Dike
414.88	486.93	72.05	Chloritic Dacite with rare Py (<0.25%)
			436.02-436.69: Shear Zone in Chlorite-Calcite Altered Dacite
			439.18-440.40: Silica-sericite Altered Dacite with tr-4% Py-Po
			453.10-453.34: Chlorite Dacite + tr Py
			466.07-467.10: Weakly Sheared Chlorite Dacite
			474.97-475.05: Shear with QV
			476.42-475.55: Sheared Dacite with QV
486.93	489.07	2.14	Weakly Altered (5-10% silica) Basalt + tr Py (~0.5%)
489.07	494.00	4.93	Chloritic Dacite with rare Py (<0.25%)
494.00			**End Of Hole**

Hole NVR14-01 intersected several stringer sulphide zones and one massive sulphide zone, typical of Volcanogenic Massive Sulphides (VMS). The most significant assays were:

1. A 7.30m zone (22.30-30.00m) yielded 0.19% Zn and 0.04% Cu in chlorite altered basalt with 5% sulphide stringers (py-po-sph-cpy).

2. A **15.30m zone (49.70-65.00m) yielded 0.82% Zn**, with highly anomaly 2.02% Zn and 2.6 gpt Ag over 3.98m (49.70-53.68m), in chlorite altered basalt with 5-30% sulphide stringers (py-po-sph-cpy).

3. A 1.50m zone (141.30-142.80m) yielded 0.11% Zn in chloritized felsic pyroclastic with 3% pyrite (py-sph).

4. A 2.98m zone (220.00-222.98m) yielded 50 ppb Au, 2.6 gpt Ag and 0.12% Zn in chloritized felsic pyroclastic with <1% pyrite.

5. A 1.49m zone (337.65 - 339.14m) yielded 0.04% Zn, 1.3 gpt Ag and 41 ppb Au in Massive Sulphides (>60% py-po+/- sph-cpy) in Chert.

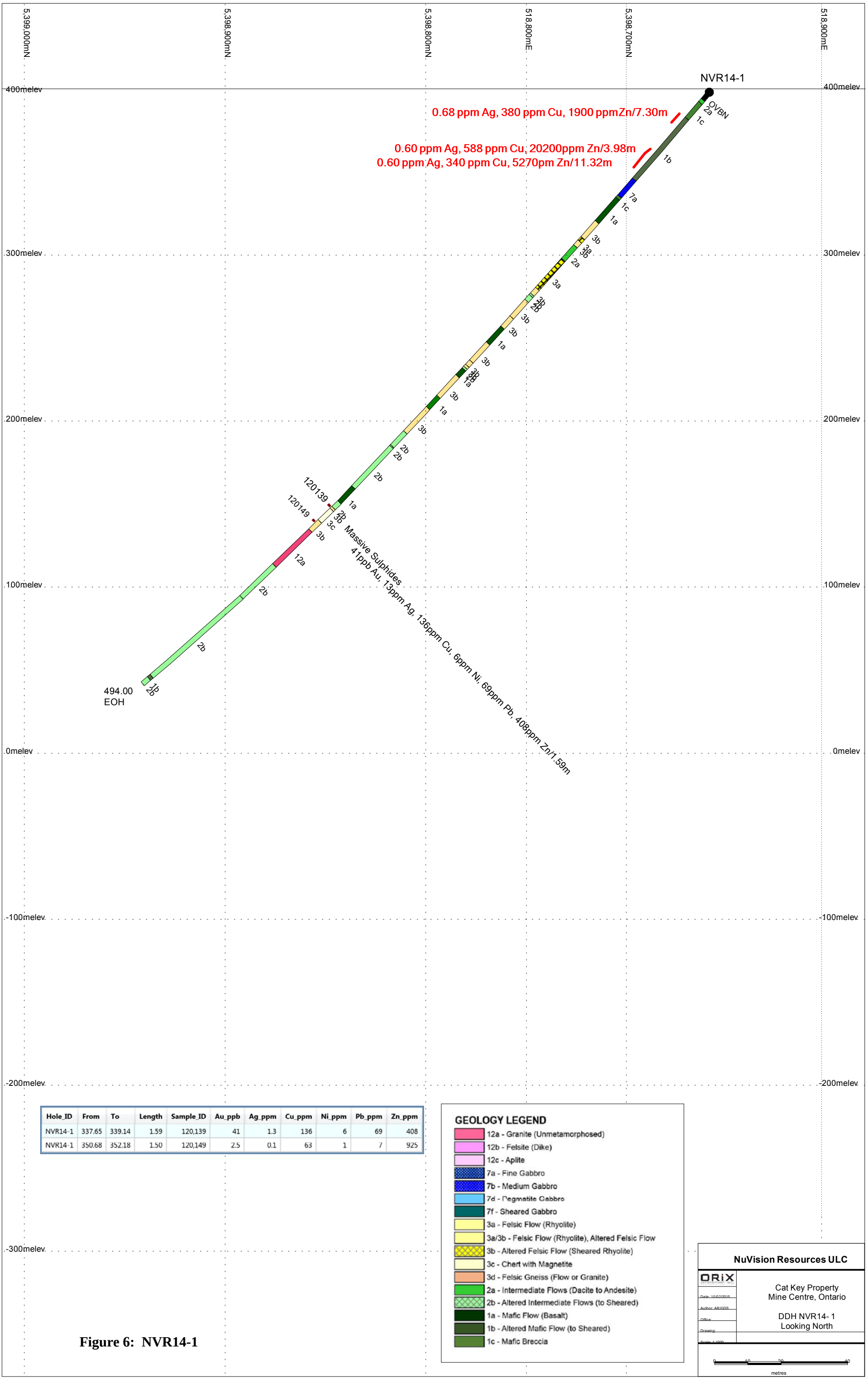
Table 7b – NVR14-01 Drill Hole Assays

Hole_ID	From	To	Length	Sample	Au ppb	Ag ppm	Cu ppm	Ni ppm	Pb ppm	Zn ppm
NVR14-1	20.84	21.33	0.49	120001	15	< 0.2	28	< 1	< 2	382
NVR14-1	21.33	22.70	1.37	120002	12	0.4	483	3	< 2	622
NVR14-1	22.70	24.45	1.75	120003	17	1.2	450	1	68	1490
NVR14-1	24.45	25.95	1.50	120004	< 5	0.2	3	< 1	< 2	856
NVR14-1	25.95	27.20	1.25	120005	< 5	0.4	9	< 1	33	693
NVR14-1	27.20	28.60	1.40	120006	< 5	0.2	219	< 1	< 2	2280
NVR14-1	28.60	30.00	1.40	120007	54	1.4	1220	2	< 2	4410
average	**22.70**	**30.00**	**7.30**			**0.7**	**380**			**1900**
NVR14-1	30.00	31.50	1.50	120008	8	0.4	360	< 1	4	740
NVR14-1	31.50	32.50	1.00	120009	< 5	< 0.2	113	< 1	4	518
NVR14-1	32.50	33.75	1.25	120010	< 5	0.2	250	< 1	4	408
NVR14-1	33.75	35.25	1.50	120011	< 5	< 0.2	148	< 1	< 2	445
NVR14-1	35.25	36.75	1.50	120012	< 5	< 0.2	75	< 1	< 2	581
NVR14-1	36.75	37.48	0.73	120013	< 5	< 0.2	8	< 1	< 2	485
NVR14-1	37.48	39.20	1.72	120014	< 5	< 0.2	180	< 1	< 2	437
NVR14-1	39.20	39.76	0.56	120015	< 5	< 0.2	68	2	6	442
NVR14-1	39.76	40.10	0.34	120016	< 5	0.3	349	< 1	< 2	464
NVR14-1	40.10	41.79	1.69	120017	< 5	< 0.2	49	< 1	< 2	360
NVR14-1	41.79	42.79	1.00	120018	< 5	< 0.2	124	< 1	10	293
NVR14-1	42.79	43.79	1.00	120019	< 5	0.2	163	< 1	23	301
NVR14-1	43.79	45.00	1.21	120020	< 5	0.2	139	1	45	375
NVR14-1	45.00	46.50	1.50	120021	< 5	0.3	104	< 1	214	331
NVR14-1	46.50	48.00	1.50	120022	< 5	0.2	110	< 1	24	526
NVR14-1	48.00	49.70	1.70	120023	11	0.6	493	< 1	13	506
NVR14-1	49.70	51.20	1.50	120024	10	0.4	352	1	12	27,100
NVR14-1	51.20	52.78	1.58	120025	8	0.5	465	< 1	12	7510
NVR14-1	52.78	53.68	0.90	120026	14	0.9	948	< 1	< 2	31,000
average	**49.70**	**53.68**	**3.98**			**0.6**	**588**			**20200**
NVR14-1	53.68	54.78	1.10	120027	< 5	0.3	286	< 1	< 2	695
NVR14-1	54.78	55.75	0.97	120028	< 5	0.4	328	2	4	853
NVR14-1	55.75	57.25	1.50	120029	9	1.1	577	< 1	168	1700
NVR14-1	57.25	58.75	1.50	120030	7	0.3	237	< 1	68	3400
NVR14-1	58.75	60.25	1.50	120031	20	0.6	443	< 1	113	5550
NVR14-1	60.25	61.75	1.50	120032	14	1.3	267	3	989	7860
NVR14-1	61.75	63.25	1.50	120033	< 5	0.5	286	< 1	10	7120
NVR14-1	63.25	65.00	1.75	120034	< 5	0.3	299	1	2	2600
average	**53.68**	**65.00**	**11.32**			**0.6**	**340**			**5270**
NVR14-1	65.00	66.50	1.50	120035	< 5	< 0.2	68	3	< 2	299

NVR14-1	66.50	68.00	1.50	120036	18	1.1	118	< 1	3	279
NVR14-1	68.00	69.34	1.34	120037	12	< 0.2	12	58	< 2	106
NVR14-1	128.30	129.40	1.10	120038	< 5	0.2	19	2	< 2	159
NVR14-1	129.40	130.50	1.10	120039	9	< 0.2	4	< 1	< 2	127
NVR14-1	130.50	132.00	1.50	120040	10	< 0.2	2	< 1	3	132
NVR14-1	132.00	133.50	1.50	120041	6	< 0.2	14	< 1	4	140
NVR14-1	141.30	142.80	1.50	120042	< 5	0.3	19	2	2	1080
NVR14-1	142.80	144.00	1.20	120043	< 5	< 0.2	4	< 1	2	124
NVR14-1	157.32	158.82	1.50	120045	< 5	0.2	8	< 1	< 2	173
NVR14-1	158.82	160.32	1.50	120046	5	0.2	12	< 1	< 2	94
NVR14-1	160.32	162.00	1.68	120047	7	0.3	9	2	3	105
NVR14-1	162.00	163.09	1.09	120049	< 5	< 0.2	10	246	2	164
NVR14-1	163.09	164.59	1.50	120050	< 5	< 0.2	10	58	< 2	105
NVR14-1	164.59	166.14	1.55	120051	< 5	< 0.2	11	2	2	110
NVR14-1	166.14	167.00	0.86	120052	< 5	< 0.2	7	1	< 2	125
NVR14-1	167.00	168.50	1.50	120053	< 5	< 0.2	21	2	< 2	181
NVR14-1	168.50	170.00	1.50	120054	< 5	0.3	8	3	< 2	190
NVR14-1	170.00	171.50	1.50	120055	< 5	0.3	8	1	2	150
NVR14-1	171.50	173.00	1.50	120056	< 5	< 0.2	2	< 1	< 2	114
NVR14-1	173.00	174.50	1.50	120057	< 5	0.2	2	2	3	139
NVR14-1	174.50	176.00	1.50	120058	< 5	0.4	11	2	< 2	171
NVR14-1	176.00	177.50	1.50	120059	6	0.4	54	1	6	320
NVR14-1	177.50	179.00	1.50	120060	10	0.2	17	1	2	233
NVR14-1	179.00	180.50	1.50	120061	< 5	0.4	15	< 1	< 2	186
NVR14-1	180.50	182.00	1.50	120062	< 5	< 0.2	7	< 1	4	139
NVR14-1	182.00	183.50	1.50	120063	< 5	< 0.2	1	< 1	3	156
NVR14-1	183.50	185.00	1.50	120064	< 5	< 0.2	4	< 1	2	130
NVR14-1	185.00	186.50	1.50	120065	< 5	0.2	9	1	6	208
NVR14-1	186.50	188.00	1.50	120066	< 5	< 0.2	4	2	6	214
NVR14-1	188.00	188.76	0.76	120067	< 5	0.3	12	3	< 2	180
NVR14-1	188.76	190.26	1.50	120068	< 5	< 0.2	2	2	4	184
NVR14-1	190.26	191.76	1.50	120069	< 5	< 0.2	6	< 1	4	162
NVR14-1	201.90	203.00	1.10	120070	< 5	< 0.2	10	< 1	3	195
NVR14-1	203.00	204.50	1.50	120071	< 5	0.3	13	< 1	4	155
NVR14-1	204.50	206.00	1.50	120072	< 5	0.2	13	< 1	< 2	147
NVR14-1	206.00	207.50	1.50	120073	< 5	0.2	9	1	3	169
NVR14-1	207.50	209.00	1.50	120074	< 5	0.3	8	3	3	170
NVR14-1	209.00	210.50	1.50	120075	< 5	0.4	18	2	7	177
NVR14-1	210.50	212.00	1.50	120076	< 5	< 0.2	3	< 1	3	163
NVR14-1	212.00	213.50	1.50	120077	< 5	< 0.2	1	1	< 2	135
NVR14-1	213.50	215.00	1.50	120078	< 5	< 0.2	1	< 1	< 2	129
NVR14-1	215.00	216.48	1.48	120079	< 5	0.7	35	< 1	11	216

NVR14-1	216.48	218.00	1.52	120080	< 5	0.9	145	1	4	357
NVR14-1	218.00	219.50	1.50	120082	< 5	0.5	80	1	7	322
NVR14-1	219.50	220.00	0.50	120083	6	0.9	119	1	< 2	324
NVR14-1	220.00	221.64	1.64	120084	41	2.3	146	10	3	1780
NVR14-1	221.64	222.98	1.34	120085	56	3.1	162	2	< 2	601
average	**220.00**	**222.98**	**2.98**		**50**	**2.6**				**1308**
NVR14-1	222.98	224.00	1.02	120086	< 5	< 0.2	2	< 1	< 2	249
NVR14-1	228.65	230.00	1.35	120088	< 5	< 0.2	15	2	2	137
NVR14-1	230.00	231.50	1.50	120089	< 5	< 0.2	6	< 1	< 2	99
NVR14-1	231.50	233.00	1.50	120090	< 5	< 0.2	2	1	< 2	103
NVR14-1	233.00	234.50	1.50	120091	< 5	< 0.2	34	2	3	221
NVR14-1	234.50	236.00	1.50	120092	< 5	0.2	50	< 1	4	227
NVR14-1	236.00	237.50	1.50	120093	< 5	0.2	5	6	< 2	143
NVR14-1	237.50	239.00	1.50	120094	< 5	< 0.2	9	< 1	< 2	141
NVR14-1	239.00	240.50	1.50	120095	< 5	< 0.2	4	1	< 2	140
NVR14-1	240.50	242.00	1.50	120096	10	< 0.2	6	2	< 2	117
NVR14-1	242.00	243.50	1.50	120097	< 5	< 0.2	7	1	< 2	146
NVR14-1	243.53	244.53	1.00	120098	< 5	< 0.2	4	< 1	< 2	119
NVR14-1	244.53	245.56	1.03	120099	< 5	< 0.2	7	< 1	< 2	107
NVR14-1	245.56	247.00	1.44	120100	< 5	< 0.2	< 1	< 1	< 2	151
NVR14-1	247.00	248.50	1.50	120101	17	< 0.2	18	< 1	< 2	109
NVR14-1	248.50	250.00	1.50	120102	< 5	0.3	13	2	< 2	170
NVR14-1	250.00	251.50	1.50	120103	< 5	0.3	23	1	< 2	108
NVR14-1	251.50	253.00	1.50	120104	< 5	0.3	14	4	< 2	114
NVR14-1	254.00	254.81	0.81	120105	< 5	0.4	174	< 1	< 2	122
NVR14-1	254.81	256.00	1.19	120106	< 5	< 0.2	49	1	2	158
NVR14-1	256.00	257.50	1.50	120107	< 5	< 0.2	48	3	< 2	135
NVR14-1	257.50	259.00	1.50	120108	6	0.2	19	< 1	< 2	77
NVR14-1	259.00	260.50	1.50	120109	14	< 0.2	27	3	< 2	76
NVR14-1	260.50	262.00	1.50	120110	< 5	< 0.2	17	< 1	< 2	78
NVR14-1	262.00	263.50	1.50	120111	< 5	< 0.2	10	2	< 2	81
NVR14-1	263.50	265.00	1.50	120112	< 5	< 0.2	11	< 1	< 2	135
NVR14-1	265.00	266.37	1.37	120113	6	< 0.2	10	6	< 2	81
NVR14-1	266.37	267.10	0.73	120114	8	< 0.2	6	20	< 2	83
NVR14-1	267.10	268.50	1.40	120115	< 5	< 0.2	5	2	< 2	71
NVR14-1	268.50	270.00	1.50	120116	< 5	0.3	11	2	6	80
NVR14-1	270.00	271.50	1.50	120117	< 5	< 0.2	6	1	< 2	65
NVR14-1	271.50	273.00	1.50	120118	11	< 0.2	10	< 1	< 2	72
NVR14-1	273.00	274.02	1.02	120119	7	< 0.2	10	< 1	< 2	88
NVR14-1	274.02	274.87	0.85	120120	< 5	< 0.2	10	2	3	135
NVR14-1	274.87	276.50	1.63	120121	< 5	< 0.2	10	4	< 2	191
NVR14-1	276.50	278.00	1.50	120122	< 5	< 0.2	9	1	< 2	82

NVR14-1	278.00	279.50	1.50	120123	< 5	< 0.2	3	< 1	< 2	69
NVR14-1	279.50	281.00	1.50	120124	< 5	< 0.2	9	< 1	< 2	135
NVR14-1	286.30	286.87	0.57	120126	< 5	< 0.2	9	< 1	< 2	108
NVR14-1	286.87	288.00	1.13	120127	< 5	< 0.2	2	1	< 2	144
NVR14-1	288.00	289.50	1.50	120128	< 5	< 0.2	14	< 1	< 2	151
NVR14-1	289.50	290.50	1.00	120129	< 5	< 0.2	12	2	< 2	103
NVR14-1	290.50	291.72	1.22	120130	8	< 0.2	21	1	< 2	139
NVR14-1	291.72	292.67	0.95	120132	< 5	< 0.2	5	< 1	< 2	190
NVR14-1	292.67	294.17	1.50	120133	< 5	< 0.2	10	< 1	< 2	122
NVR14-1	318.75	320.45	1.70	120154	< 5	0.2	21	3	2	167
NVR14-1	320.45	322.00	1.55	120134	< 5	< 0.2	2	< 1	< 2	151
NVR14-1	332.68	334.18	1.50	120135	< 5	< 0.2	5	1	< 2	138
NVR14-1	334.18	335.68	1.50	120136	< 5	< 0.2	24	2	< 2	137
NVR14-1	335.68	336.87	1.19	120137	< 5	< 0.2	9	4	< 2	171
NVR14-1	336.87	337.65	0.78	120138	< 5	0.6	26	< 1	40	188
NVR14-1	**337.65**	**339.14**	**1.59**	**120139**	**41**	**1.3**	136	6	69	**408**
NVR14-1	339.14	340.64	1.50	120140	< 5	0.3	3	2	2	133
NVR14-1	340.64	342.14	1.50	120141	< 5	< 0.2	4	< 1	3	144
NVR14-1	342.14	343.64	1.50	120142	< 5	< 0.2	7	2	3	182
NVR14-1	343.64	344.30	0.66	120143	< 5	< 0.2	21	5	< 2	120
NVR14-1	344.30	346.18	1.88	120144	< 5	< 0.2	13	3	2	190
NVR14-1	346.18	347.68	1.50	120145	< 5	0.2	23	2	6	192
NVR14-1	347.68	349.18	1.50	120146	< 5	< 0.2	28	< 1	4	184
NVR14-1	349.18	350.68	1.50	120147	< 5	< 0.2	9	< 1	5	148
NVR14-1	**350.68**	**352.18**	**1.50**	**120149**	< 5	< 0.2	63	1	7	**925**
NVR14-1	352.18	353.68	1.50	120150	< 5	0.2	16	< 1	5	375
NVR14-1	353.68	355.18	1.50	120151	< 5	< 0.2	37	1	4	217
NVR14-1	355.18	357.09	1.91	120152	< 5	< 0.2	16	< 1	3	129
NVR14-1	357.09	358.59	1.50	120153	< 5	< 0.2	12	< 1	7	133
NVR14-1	387.28	388.78	1.50	120155	< 5	0.3	8	1	2	150
NVR14-1	388.78	390.28	1.50	120156	< 5	< 0.2	2	< 1	< 2	114
NVR14-1	439.18	440.40	1.22	120158	< 5	0.4	11	2	< 2	171



Hole_ID	From	To	Length	Sample_ID	Au_ppb	Ag_ppm	Cu_ppm	Ni_ppm	Pb_ppm	Zn_ppm
NVR14-1	337.65	339.14	1.59	120,139	41	1.3	136	6	69	408
NVR14-1	350.68	352.18	1.50	120,149	2.5	0.1	63	1	7	925

GEOLOGY LEGEND

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

NuVision Resources ULC

ORIX GEOSCIENCE INC.

Date: 10/02/2015
Author: AR/GDS
Office:
Drawing:
Scale: 1:1000

Cat Key Property
Mine Centre, Ontario

DDH NVR14- 1
Looking North

0 10 20 40
metres

Figure 6: NVR14-1

HOLE NVR14-02

From October 24th to 28rd of 2014, hole NVR14-02 was drilled on the Cat Key Property. The hole was drilled at grid location L26E & 26+10N at 325° @ -50° to intersect a Au-Cu SGH Anomaly, located during the 2014 survey, by NuVision Resources ULC. A drill hole summary is located below and a detailed drill log is located in Appendix A.

Table 8a – NVR14-02 Drill Hole Summary

NuVision Resources ULC - Cat Key Property			
Drill Hole Summary:			**NVR14-2**
Grid Location:			L26E, 26+10N
UTM Location:			518710E 5399194N (NAD83, Zone 15)
Direction:			Azm 325o @ -050o
End of Hole:			299.0m
Logged By:			Allen J. Raoul, PGeo.
Dates:			October 24 - 28, 2014
From (m)	**To (m)**	**Interval (m)**	**Description**
0.00	13.00	13.00	Casing
12.80	21.40	8.60	Silica-Sericite Altered (5-20%) Dacite to Andesite + tr-3% Py
			16.29-16.81: Amygdaloidal Andesite
21.40	31.22	9.82	Chlorite-Actinolite Altered Gabbro + tr Py & tr-2% Po
			28.50-31.22: Sheared Gabbro with Calcite-Chlorite Alteration (<20%)
			21.40-31.22 (9.82m) ran 0.040% Ni
			Re-assayed: 21.40-31.22 (9.82m) ran 0.054% Ni, 49 ppb Pt, 15 ppb Pd and 5 gpt Ag.
31.22	35.27	4.05	Rhyolite Flows with tr-1% Py
35.27	44.00	8.73	Silicified Rhyolite Tuff + 1-5% Py (Lapilli Tuff)
44.00	51.14	7.14	Weakly Chlorite-Biotite Altered Rhyolite-Dacite Tuff (Lapilli Tuff) with tr-1% Py
51.14	55.77	4.63	Weakly Silicified Dacite + tr-1% Py
55.77	176.00	120.23	Dacite (to Rhyolite)
			77.00-77.33: Silicified Zone with 2-5% Py + Po
			89.32-89.47: Silicified Zone with 3-5% Py + 1-2% Sph stringers.
			89.32-89.47 (0.25m) ran 0.30% Zn and 0.7 gpt Ag
			98.65-98.75: 10cm vug infilled with gravel
			109.03-109.66: Silicified Dacite with 1-5% Py-Po
			109.66-111.77: Sulphide bearing fracture zone with 1-5% Po + Py
			119.00-120.03: Sulphide bearing fracture zone with 1-2% Py
			128.00-132.27: Weak to Very Strong (10-50%) Silicified Zone of Dacite with trace-2% Py and central portion of 1.20m carries up to 10% Po in silica annealed fractures.
			129.70-130.77 (1.07m) ran 0.12 gpt Au, 0.03% Cu and >1.0% Zn
			141.73-142.13: Silica zone (>10%) and quartz veins with 7% Po and tr-1% Py.
			144.80-145.21: Silica zone (10-30%) with 3% Po.
176.00	264.13		Weak to Moderate Silica (5-20%) Altered Dacite (lapilli tuff) + tr-3% Py
			262.36-264.13: Carbonate Altered Basalt with Chert and 2% Mgt Bands
264.13	299.00		Weakly Altered (<10% silica-sericite) Dacite (crystal tuff) + rare Py
			fine grained version of 176.00-264.13 with higher quartz eye content.
			decreasing silica-sericite alteration and sulphide content downhole (starts at over 10% to under 5% at the bottom of the hole).
299.00			**End of Hole**

Hole NVR14-02 intersected several different type of mineral assemblages associated with different deposits models. The most significant assays were:

1. **A 9.82m zone (21.40-31.22m) yielded 0.054% Ni, 49 ppb Pt, 15 ppb Pd and 5 gpt Ag** in sheared, chlorite-actinolite gabbro with 2% py-po. These are elevated Cu-Ni-PGM values representative of a Magmatic Cu-Ni-PGM intrusive bodies; over ten of these units are known to exist on the Cat Key property.

2. A 0.25m zone (89.32-89.47m) yielded 0.30% Zn and 0.7 gpt Ag in a silicified rhyolite with 5% py-sph stringers. These anomalous Zn-Ag values are associated with hydrothermal activity related to Volcanic Massive Sulphide environments.

3. A 1.07m zone (129.70-130.77m) yielded 0.12 gpt Au, 0.03% Cu and over 1.0% Zn in a strongly silicified (>50%) zone of dacite with up to 10% Po +/- in silica annealed fractures. These anomalous Zn-Au-Cu values are associated with hydrothermal activity; possibly related to Volcanic Massive Sulphide environments.

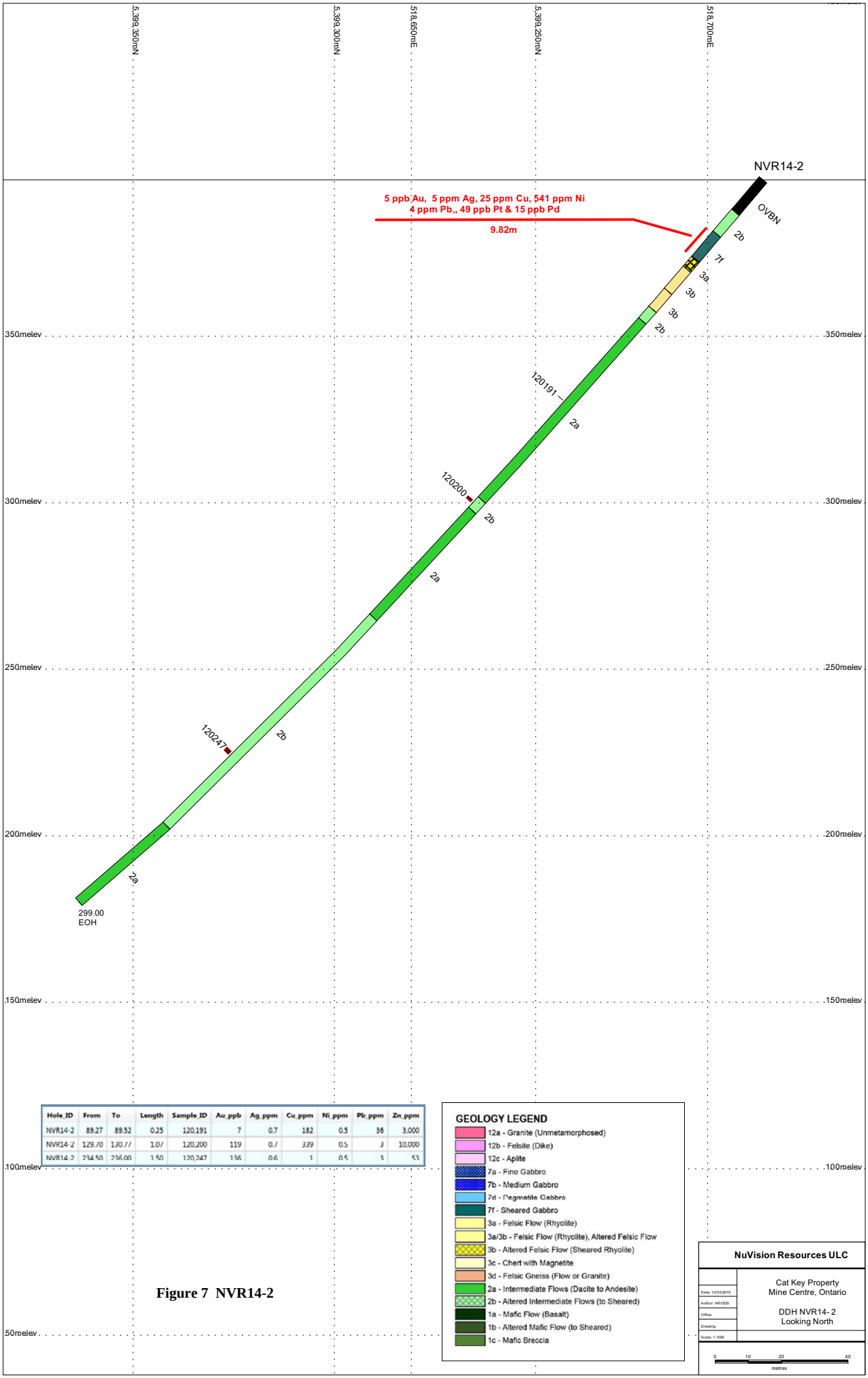
Table 8b – NVR14-02 Drill Hole Assays

Hole_ID	From	To	Length	Sample	Au ppb	Ag ppm	Cu ppm	Ni ppm	Zn ppm	Pt ppb	Pd ppb
NVR14-2	12.80	14.00	1.20	120159	< 5	0.6	11	2	255		
NVR14-2	14.00	15.50	1.50	120160	< 5	0.5	10	< 1	148		
NVR14-2	15.50	16.29	0.79	120161	< 5	0.8	6	< 1	146		
NVR14-2	16.29	16.81	0.52	120162	< 5	0.5	21	< 1	146		
NVR14-2	16.81	18.40	1.59	120163	< 5	0.6	10	< 1	121		
NVR14-2	18.40	19.90	1.50	120164	< 5	0.4	23	< 1	71		
NVR14-2	19.90	21.40	1.50	120165	< 5	< 0.2	52	6	93		
NVR14-2	21.40	22.90	1.50	120166	< 5	5.0	30	482	171	42	38
NVR14-2	22.90	24.40	1.50	120167	< 5	6.0	21	527	140	23	<1
NVR14-2	24.40	25.90	1.50	120168	6	5.0	29	527	126	40	19
NVR14-2	25.90	27.40	1.50	120169	6	4.0	22	481	104	61	10
NVR14-2	27.40	28.50	1.10	120170	< 5	5.0	3	452	99	54	22
NVR14-2	28.50	30.00	1.50	120171	< 5	7.0	46	676	70	66	<1
NVR14-2	30.00	31.22	1.22	120172	< 5	3.0	23	644	97	55	42
average	**21.40**	**31.22**	**9.82**			**5.0**	**25**	**541**	**115**	**49**	**19**
NVR14-2	31.22	32.72	1.50	120173	< 5	0.30	22	3	112		
NVR14-2	32.72	34.22	1.50	120174	< 5	0.6	13	< 1	93		
NVR14-2	34.22	35.27	1.05	120175	< 5	0.5	24	< 1	91		
NVR14-2	35.27	36.77	1.50	120176	6	0.3	44	< 1	31		
NVR14-2	36.77	38.25	1.48	120177	< 5	0.5	14	< 1	101		
NVR14-2	38.25	39.75	1.50	120178	< 5	0.6	14	< 1	50		
NVR14-2	39.75	41.25	1.50	120179	< 5	1	14	< 1	72		
NVR14-2	41.25	42.75	1.50	120180	< 5	0.2	37	< 1	117		
NVR14-2	42.75	44.00	1.25	120181	< 5	0.5	128	< 1	151		
NVR14-2	44.00	45.50	1.50	120182	< 5	0.5	16	< 1	85		
NVR14-2	45.50	47.00	1.50	120183	< 5	0.7	7	< 1	79		

NVR14-2	47.00	48.50	1.50	120184	< 5	0.7	8	< 1	83		
NVR14-2	48.50	50.00	1.50	120185	< 5	0.7	8	< 1	79		
NVR14-2	50.00	51.14	1.14	120186	< 5	0.5	17	< 1	48		
NVR14-2	51.14	52.64	1.50	120187	< 5	0.6	22	7	46		
NVR14-2	52.64	54.14	1.50	120188	< 5	0.8	9	< 1	50		
NVR14-2	54.14	55.77	1.63	120189	< 5	0.7	13	< 1	48		
NVR14-2	77.00	77.33	0.33	120190	7	0.6	498	< 1	20		
NVR14-2	**89.27**	**89.52**	**0.25**	**120191**	**7**	**0.7**	182	< 1	**3000**		
NVR14-2	109.03	109.63	0.60	120192	151	0.7	126	< 1	37		
NVR14-2	109.66	110.66	1.00	120193	161	0.5	19	< 1	53		
NVR14-2	110.66	111.77	1.11	120194	21	0.4	51	< 1	35		
NVR14-2	119.00	120.03	1.03	120195	19	0.5	150	< 1	42		
NVR14-2	127.60	128.00	0.40	120197	< 5	0.3	2	< 1	21		
NVR14-2	128.00	129.70	1.70	120199	12	0.6	15	< 1	403		
NVR14-2	**129.70**	**130.77**	**1.07**	**120200**	**119**	**0.7**	**339**	< 1	**> 10000**		
NVR14-2	130.77	132.27	1.50	120205	< 5	0.6	15	< 1	46		
NVR14-2	141.73	142.13	0.40	120201	10	0.8	123	3	56		
NVR14-2	144.80	145.21	0.41	120202	18	0.7	76	< 1	31		
NVR14-2	154.10	154.96	0.86	120203	< 5	0.7	96	< 1	26		
NVR14-2	168.62	169.02	0.40	120204	< 5	0.8	67	< 1	34		
NVR14-2	176.00	177.50	1.50	120206	< 5	1	8	< 1	81		
NVR14-2	177.50	179.00	1.50	120207	< 5	1	23	1	47		
NVR14-2	179.00	180.50	1.50	120208	< 5	0.7	67	< 1	47		
NVR14-2	180.50	182.00	1.50	120209	< 5	0.6	47	< 1	35		
NVR14-2	182.00	183.50	1.50	120210	< 5	0.7	2	< 1	50		
NVR14-2	183.50	185.00	1.50	120211	< 5	0.7	2	3	35		
NVR14-2	185.00	186.50	1.50	120212	< 5	0.7	7	2	45		
NVR14-2	186.50	188.00	1.50	120213	< 5	0.6	6	1	41		
NVR14-2	188.00	189.50	1.50	120214	< 5	0.8	4	1	49		
NVR14-2	189.50	191.00	1.50	120215	< 5	0.9	20	3	71		
NVR14-2	191.00	192.50	1.50	120216	< 5	0.9	7	< 1	76		
NVR14-2	192.50	194.00	1.50	120217	< 5	0.8	8	< 1	73		
NVR14-2	194.00	195.50	1.50	120218	< 5	0.8	5	< 1	45		
NVR14-2	195.50	197.00	1.50	120219	< 5	0.7	10	< 1	62		
NVR14-2	197.00	198.50	1.50	120220	< 5	0.6	13	< 1	80		
NVR14-2	198.50	200.00	1.50	120221	< 5	0.6	11	1	68		
NVR14-2	200.00	201.50	1.50	120222	< 5	0.6	36	1	286		
NVR14-2	201.50	203.00	1.50	120223	< 5	0.6	3	< 1	62		
NVR14-2	203.00	204.50	1.50	120224	< 5	0.8	35	1	94		
NVR14-2	204.50	206.00	1.50	120225	< 5	0.8	2	< 1	56		
NVR14-2	206.00	207.50	1.50	120226	< 5	0.7	< 1	2	50		
NVR14-2	207.50	209.00	1.50	120227	< 5	0.8	2	2	54		
NVR14-2	209.00	210.50	1.50	120228	< 5	0.7	4	2	71		
NVR14-2	210.50	212.00	1.50	120229	54	0.6	51	< 1	37		
NVR14-2	212.00	213.50	1.50	120230	< 5	0.6	4	< 1	34		
NVR14-2	213.50	215.00	1.50	120231	< 5	0.6	2	2	30		

NVR14-2	215.00	216.50	1.50	120232	< 5	0.7	6	2	33		
NVR14-2	216.50	218.00	1.50	120233	19	0.8	11	< 1	35		
NVR14-2	218.00	219.50	1.50	120235	< 5	0.8	1	< 1	35		
NVR14-2	219.50	221.00	1.50	120236	< 5	0.6	1	1	33		
NVR14-2	221.00	222.50	1.50	120237	< 5	0.6	1	2	34		
NVR14-2	222.50	224.00	1.50	120239	< 5	0.8	1	1	31		
NVR14-2	224.00	225.50	1.50	120240	< 5	0.5	1	3	35		
NVR14-2	225.50	227.00	1.50	120241	< 5	0.7	< 1	2	31		
NVR14-2	227.00	228.50	1.50	120242	< 5	0.6	< 1	< 1	30		
NVR14-2	228.50	230.00	1.50	120243	< 5	0.5	< 1	< 1	35		
NVR14-2	230.00	231.50	1.50	120244	< 5	0.8	2	< 1	33		
NVR14-2	231.50	233.00	1.50	120245	< 5	0.7	2	< 1	47		
NVR14-2	233.00	234.50	1.50	120246	< 5	0.7	3	< 1	39		
NVR14-2	**234.50**	**236.00**	**1.50**	**120247**	**136**	0.6	1	< 1	53		
NVR14-2	236.00	237.50	1.50	120248	< 5	0.7	15	< 1	56		
NVR14-2	237.50	239.00	1.50	120249	< 5	0.7	< 1	< 1	47		
NVR14-2	239.00	240.50	1.50	120250	< 5	0.6	7	< 1	39		
NVR14-2	240.50	242.00	1.50	120251	< 5	0.6	< 1	< 1	44		
NVR14-2	242.00	243.50	1.50	120252	< 5	0.7	< 1	< 1	40		
NVR14-2	243.50	245.00	1.50	120253	< 5	0.5	< 1	< 1	36		
NVR14-2	245.00	246.50	1.50	120254	< 5	0.7	< 1	< 1	30		
NVR14-2	246.50	248.00	1.50	120255	< 5	0.7	< 1	< 1	39		
NVR14-2	248.00	249.50	1.50	120256	< 5	0.9	2	< 1	39		
NVR14-2	249.50	251.00	1.50	120257	< 5	0.8	< 1	1	40		
NVR14-2	251.00	252.50	1.50	120258	< 5	0.7	< 1	< 1	43		
NVR14-2	252.50	254.00	1.50	120259	< 5	0.7	< 1	< 1	41		
NVR14-2	254.00	255.50	1.50	120260	< 5	0.6	1	< 1	43		
NVR14-2	255.50	257.00	1.50	120261	< 5	0.6	< 1	< 1	46		
NVR14-2	257.00	258.50	1.50	120262	< 5	0.8	< 1	2	42		
NVR14-2	258.50	260.00	1.50	120263	< 5	0.7	2	1	41		
NVR14-2	260.00	261.50	1.50	120264	< 5	0.7	< 1	< 1	42		
NVR14-2	261.50	262.36	0.86	120265	< 5	0.5	2	3	38		
NVR14-2	262.36	264.15	1.79	120266	< 5	< 0.2	29	29	101		
NVR14-2	264.15	266.00	1.85	120267	< 5	0.3	7	< 1	48		
NVR14-2	266.00	267.50	1.50	120268	< 5	0.8	7	2	116		
NVR14-2	267.50	269.00	1.50	120269	< 5	0.7	1	< 1	49		
NVR14-2	269.00	270.50	1.50	120271	< 5	0.7	< 1	< 1	52		
NVR14-2	270.50	272.00	1.50	120272	< 5	0.7	2	< 1	48		
NVR14-2	272.00	273.50	1.50	120273	< 5	0.8	< 1	< 1	43		
NVR14-2	273.50	275.00	1.50	120274	< 5	0.7	< 1	1	52		
NVR14-2	275.00	276.50	1.50	120276	< 5	0.5	< 1	< 1	48		
NVR14-2	276.50	278.00	1.50	120277	< 5	0.6	< 1	< 1	51		
NVR14-2	278.00	279.50	1.50	120278	< 5	0.6	1	< 1	51		
NVR14-2	279.50	281.00	1.50	120279	< 5	0.9	6	< 1	54		
NVR14-2	281.00	282.50	1.50	120280	< 5	0.7	< 1	< 1	54		
NVR14-2	282.50	284.00	1.50	120281	< 5	0.6	< 1	1	60		

NVR14-2	284.00	285.50	1.50	120282	< 5	0.6	< 1	< 1	62		
NVR14-2	285.50	287.00	1.50	120283	< 5	0.6	< 1	< 1	62		
NVR14-2	287.00	288.50	1.50	120284	< 5	0.5	< 1	< 1	61		
NVR14-2	288.50	290.00	1.50	120285	< 5	0.6	< 1	< 1	62		
NVR14-2	290.00	291.50	1.50	120286	< 5	0.7	< 1	< 1	51		
NVR14-2	291.50	293.00	1.50	120287	< 5	0.5	< 1	< 1	55		
NVR14-2	293.00	294.50	1.50	120288	< 5	0.7	< 1	< 1	54		
NVR14-2	294.50	296.00	1.50	120289	< 5	0.6	< 1	< 1	137		
NVR14-2	296.00	297.50	1.50	120290	< 5	0.7	< 1	4	54		
NVR14-2	297.50	299.00	1.50	120291	< 5	0.9	3	< 1	54		



Hole_ID	From	To	Length	Sample_ID	Au_ppb	Ag_ppm	Cu_ppm	Ni_ppm	Pb_ppm	Zn_ppm
NVR14-2	89.27	89.52	0.25	120,191	7	0.7	182	0.5	36	3,000
NVR14-2	129.70	130.77	1.07	120,200	119	0.7	339	0.5	3	10,000
NVR14-2	234.50	236.00	1.50	120,247	136	0.6	1	0.5	3	53

GEOLOGY LEGEND

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

NuVision Resources ULC

Cat Key Property
Mine Centre, Ontario

DDH NVR14- 2
Looking North

Date: 10/02/2015
Author: ARIGDS
Office:
Drawing:
Scale: 1:1000

0 10 20 40
metres

Figure 7 NVR14-2

HOLE NVR14-03

From October 29th to 31st of 2014, hole NVR14-03 was drilled on the Cat Key Property. The hole was drilled at grid location L38+50E & 17+00N at 325° @ -50° to intersect a >20m wide, intense alteration zone (Thompson Porphyry) of calcite-ankerite-quartz veining in basalt with felsic porphyry with trace-1% pyrite and trench 2 gold values (1.46 gpt Au). A drill hole summary is located below and a detailed drill log is located in Appendix A.

Table 9a – NVR14-03 Drill Hole Summary

NuVision Resources ULC - Cat Key Property			
Drill Hole Summary:			**NVR14-3**
Grid Location:			L38+50E 17+00N
UTM Location:			520251E 5399160N (NAD83, Zone 15)
Direction:			Azm 325o @ -050o
End Of Hole:			261.15m
Logged By:			Allen J. Raoul, PGeo.
Dates:			October 29 - 31, 2014
From (m)	**To (m)**	**Interval (m)**	**Description**
0.00	3.00	3.00	Casing
3.00	29.96	26.96	Quartz Eye Tuff / Rhyolite Tuff
			7.05-7.85: Shear Zone with Chl-Carb Alt @ 050o TCA
			14.19-17.72: Shear Zone with Chl-Carb Alt + 1% Py @ 040o TCA
			19.61-20.13: Silica Altered Dacite +/- Calcite
			26.47-26.58: Silica Altered Dacite + 1% Py
			29.10-29.96: Silica Altered Dacite + QV + 2% Py
29.96	38.42	8.46	Weakly Sheared Andesite to Basalt + tr-1% Py - Po
38.42	68.86	30.44	Sheared Basalt with Chlorite-Calcite-Silica Alteration + tr-2% Py-Po
			64.25-68.86: Silica Altered Basalt with Chlorite-Carbonate + tr Py
68.86	72.30	3.44	Silica Flooded (>50%) Basalt + tr-2% Py
72.30	96.54	24.24	Silica Flooded (5-50%) Felsic Porphyry + sericite alteration + tr-1% Py
			72.30-80.00 (7.70m) ran 0.85 gpt Au and 0.4 gpt Ag
96.54	108.37	11.83	Silica Altered (5-30%) in Chlorite-Carbonate Basalt + tr-2% Py
			98.00-101.00 (3.00m) ran 1.22 gpt Au and 0.7 gpt Ag
108.37	114.56	6.19	Sheared Chlorite Basalt with carbonate zones or quartz zones
114.56	117.74	3.18	Carbonate-Chlorite Altered Basalt + tr-2% Py
117.74	135.71	17.97	Silica Altered (10-40%) Basalt + tr-1% Py
135.71	139.80	4.09	Chlorite Basalt with carbonate zones or quartz clasts
			138.71-139.80 (1.09m) ran 0.11% Zn
139.80	180.36	40.56	Silica Altered (10-30%), Sheared Basalt + tr-2% Py
180.36	192.58	12.22	Chlorite Basalt
			183.50-150.00 (1.50m) ran 99 ppb Au
192.58	261.15	68.57	Chloritic Felsic Tuff / Dacite Crystal Tuff with chlorite basalt clasts (<2m)
			191.93-192.58: Chlorite-Carbonate Shear Zone @ 025o
			193.54-194.03: Chlorite-Carbonate Shear Zone @ 030o
			196.28-196.73: Chlorite-Carbonate Shear Zone @ 045o
			236.00-236.97: 3-7% Py in Felsic Tuff
261.15			**End Of Hole**

Hole NVR14-03 intersected several zones that were “Lithological Controlled Gold Zones” within several different geological units (basalt or felsic porphyry). These “Zones” are associated with high porous and fractured zones (tuffs, breccia) that have been injected with hydrothermal fluids, consisting of calcite, ankerite, quartz and gold-bearing and minor amounts (under 2%) of py or po into these porous or fractures beds. The result are then gold bearing shoots within wide systems (over 80m) and can be traced along strike (up to 1600m). The most significant assays were:

1. A **7.70m zone (72.30-80.00m) yielded 0.85 gpt Au and 0.40 gpt Ag** in silica-sericite altered (5-50%) Felsic Porphyry with 1% Py.

2. A **3.00m zone (98.00-101.00m) yielded 1.22 gpt Au and 0.70 gpt Ag** in silica-chlorite-calcite altered (5-30%) Basalt with 2% Py.

3. A 1.09m zone (138.71-139.80m) yielded 0.11% Zn in Chlorite Basalt with carbonate zones or quartz clasts.

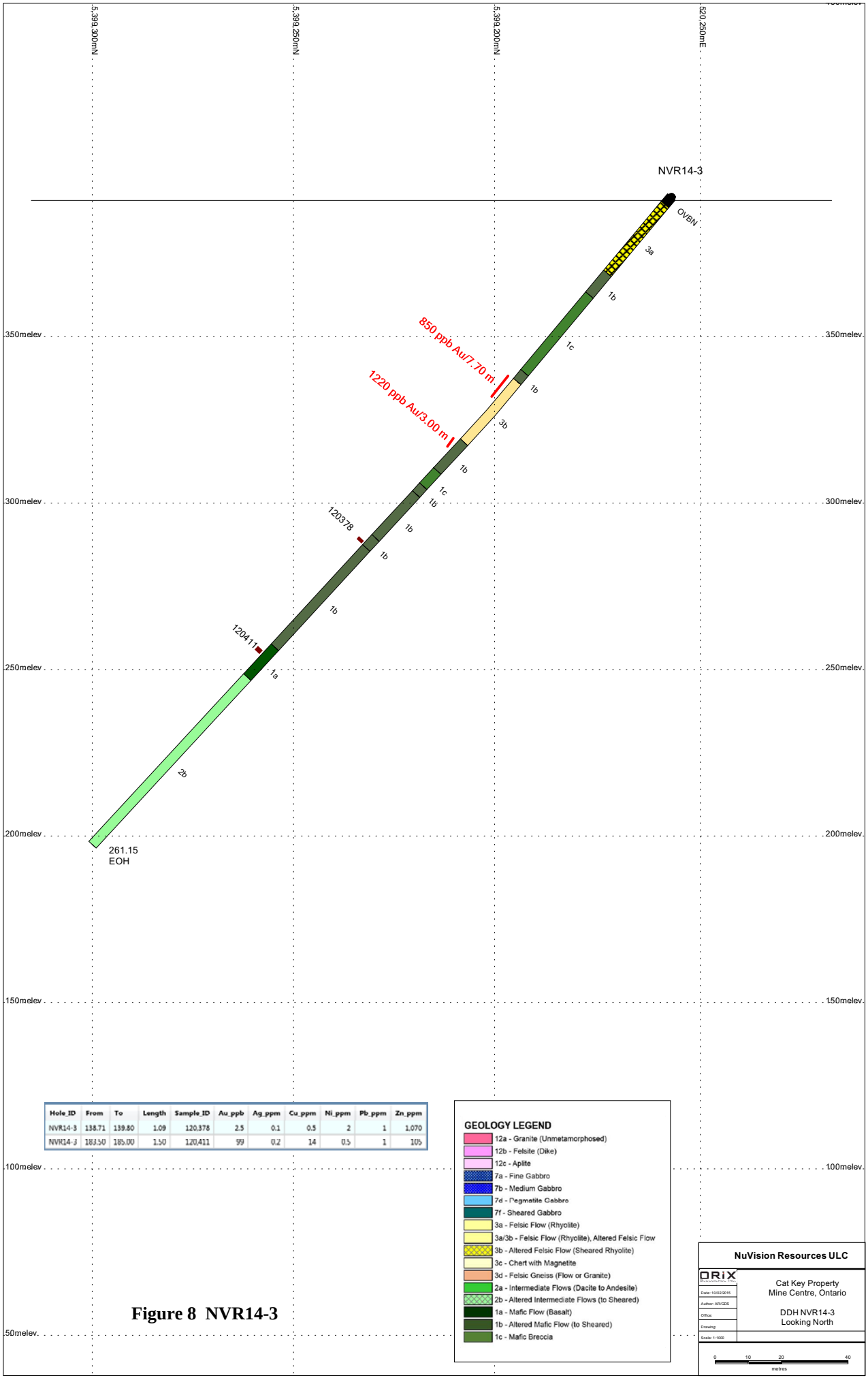
4. A 1.50m zone (183.50-150.00m) yielded 99 ppb Au in Chlorite Basalt.

Table 9b – NVR14-03 Drill Hole Assays

Hole_ID	From	To	Length	Sample	Au ppb	Ag ppm	Cu ppm	Ni ppm	Pb ppm	Zn ppm
NVR14-3	14.19	15.50	1.31	120292	< 5	< 0.2	4	< 1	< 2	51
NVR14-3	15.50	16.75	1.25	120293	7	< 0.2	41	115	< 2	87
NVR14-3	16.75	17.72	0.97	120294	< 5	< 0.2	9	296	< 2	100
NVR14-3	19.61	20.13	0.52	120295	< 5	< 0.2	1	< 1	< 2	39
NVR14-3	26.47	26.58	0.11	120296	< 5	0.3	< 1	< 1	< 2	93
NVR14-3	26.58	28.00	1.42	120297	< 5	0.3	< 1	1	< 2	87
NVR14-3	28.00	29.10	1.10	120298	< 5	0.4	< 1	< 1	< 2	84
NVR14-3	29.10	29.96	0.86	120299	< 5	< 0.2	5	1	3	30
NVR14-3	29.96	31.00	1.04	120300	< 5	< 0.2	< 1	18	< 2	95
NVR14-3	31.00	32.00	1.00	120301	< 5	< 0.2	< 1	16	< 2	87
NVR14-3	32.00	33.50	1.50	120302	< 5	< 0.2	< 1	16	< 2	62
NVR14-3	33.50	35.00	1.50	120303	< 5	< 0.2	< 1	16	< 2	72
NVR14-3	35.00	36.50	1.50	120305	< 5	< 0.2	< 1	13	< 2	70
NVR14-3	36.50	38.00	1.50	120306	< 5	< 0.2	< 1	14	< 2	69
NVR14-3	38.00	38.42	0.42	120307	< 5	< 0.2	< 1	18	< 2	95
NVR14-3	39.50	41.00	1.50	120308	< 5	< 0.2	< 1	18	< 2	75
NVR14-3	41.00	42.50	1.50	120310	< 5	< 0.2	< 1	22	< 2	86
NVR14-3	42.50	44.00	1.50	120311	< 5	< 0.2	< 1	24	< 2	81
NVR14-3	44.00	45.50	1.50	120312	< 5	< 0.2	< 1	29	< 2	73
NVR14-3	45.50	47.00	1.50	120313	< 5	< 0.2	< 1	26	< 2	49
NVR14-3	47.00	48.50	1.50	120314	< 5	0.2	3	33	< 2	29
NVR14-3	48.50	50.00	1.50	120315	< 5	< 0.2	< 1	34	< 2	38
NVR14-3	50.00	51.50	1.50	120316	< 5	< 0.2	11	32	< 2	46

NVR14-3	51.50	53.00	1.50	120317	27	< 0.2	15	39	< 2	76
NVR14-3	53.00	54.50	1.50	120318	7	< 0.2	98	45	< 2	55
NVR14-3	54.50	56.00	1.50	120319	< 5	< 0.2	< 1	48	< 2	46
NVR14-3	56.00	57.50	1.50	120320	< 5	< 0.2	< 1	50	< 2	42
NVR14-3	57.50	59.00	1.50	120321	< 5	< 0.2	< 1	56	< 2	59
NVR14-3	59.00	60.50	1.50	120322	< 5	< 0.2	< 1	58	< 2	60
NVR14-3	60.50	62.00	1.50	120323	< 5	< 0.2	< 1	54	< 2	66
NVR14-3	62.00	63.50	1.50	120324	10	< 0.2	< 1	10	< 2	70
NVR14-3	63.50	64.25	0.75	120325	< 5	< 0.2	5	3	< 2	65
NVR14-3	64.25	65.75	1.50	120326	9	< 0.2	< 1	1	< 2	45
NVR14-3	65.75	67.25	1.50	120327	19	< 0.2	< 1	2	< 2	173
NVR14-3	67.25	68.86	1.61	120328	8	< 0.2	5	< 1	< 2	244
NVR14-3	68.86	70.23	1.37	120329	51	< 0.2	3	1	3	26
NVR14-3	70.23	71.60	1.37	120330	< 5	< 0.2	2	1	< 2	17
NVR14-3	71.60	72.30	0.70	120331	< 5	< 0.2	3	331	< 2	131
NVR14-3	72.30	74.00	1.70	120332	2160	1.3	2	2	3	5
NVR14-3	74.00	75.50	1.50	120333	5	< 0.2	2	< 1	< 2	5
NVR14-3	75.50	77.00	1.50	120334	5	< 0.2	1	< 1	< 2	6
NVR14-3	77.00	78.50	1.50	120335	5	< 0.2	< 1	1	3	6
NVR14-3	78.50	80.00	1.50	120336	1900	< 0.2	< 1	< 1	< 2	7
average	**72.30**	**80.00**	**7.70**		**850**	**0.4**				
NVR14-3	80.00	81.50	1.50	120337	< 5	< 0.2	< 1	2	3	9
NVR14-3	81.50	83.00	1.50	120338	5	< 0.2	2	2	2	8
NVR14-3	83.00	84.50	1.50	120339	< 5	< 0.2	4	1	< 2	9
NVR14-3	84.50	86.00	1.50	120340	29	< 0.2	3	2	< 2	18
NVR14-3	86.00	87.50	1.50	120341	< 5	< 0.2	< 1	2	2	10
NVR14-3	87.50	89.00	1.50	120342	36	< 0.2	< 1	1	< 2	12
NVR14-3	89.00	90.50	1.50	120343	< 5	< 0.2	1	2	3	13
NVR14-3	90.50	92.00	1.50	120344	< 5	< 0.2	< 1	< 1	< 2	19
NVR14-3	92.00	93.50	1.50	120346	28	< 0.2	< 1	3	< 2	7
NVR14-3	93.50	95.00	1.50	120347	< 5	< 0.2	2	1	2	12
NVR14-3	95.00	96.54	1.54	120348	< 5	< 0.2	5	< 1	< 2	16
NVR14-3	96.54	98.00	1.46	120349	47	0.3	17	4	< 2	19
NVR14-3	98.00	99.50	1.50	120350	2070	< 0.2	4	5	3	16
NVR14-3	99.50	101.00	1.50	120351	366	1.2	96	78	69	157
average	**98.00**	**101.00**	**3.00**		**1220**	**0.7**				
NVR14-3	101.00	102.50	1.50	120353	15	< 0.2	3	4	< 2	71
NVR14-3	102.50	104.00	1.50	120354	< 5	< 0.2	< 1	15	3	40
NVR14-3	104.00	105.50	1.50	120355	< 5	< 0.2	< 1	7	4	36
NVR14-3	105.50	107.00	1.50	120356	< 5	< 0.2	< 1	6	< 2	27
NVR14-3	107.00	108.37	1.37	120357	5	< 0.2	113	5	4	25
NVR14-3	108.37	110.00	1.63	120358	< 5	< 0.2	16	18	< 2	91
NVR14-3	110.00	111.50	1.50	120359	55	< 0.2	32	25	< 2	88
NVR14-3	111.50	113.00	1.50	120360	10	< 0.2	41	27	< 2	101
NVR14-3	113.00	114.56	1.56	120361	16	< 0.2	34	25	< 2	88
NVR14-3	114.56	116.00	1.44	120362	< 5	< 0.2	< 1	3	< 2	28
NVR14-3	116.00	117.74	1.74	120363	< 5	< 0.2	3	8	< 2	38
NVR14-3	117.74	119.00	1.26	120364	< 5	< 0.2	< 1	< 1	< 2	23
NVR14-3	119.00	120.50	1.50	120365	8	< 0.2	< 1	< 1	< 2	6

NVR14-3	120.50	122.00	1.50	120366	< 5	< 0.2	< 1	< 1	2	8
NVR14-3	122.00	123.50	1.50	120367	< 5	< 0.2	< 1	< 1	< 2	9
NVR14-3	123.50	125.00	1.50	120368	< 5	< 0.2	< 1	< 1	< 2	6
NVR14-3	125.00	126.50	1.50	120369	< 5	< 0.2	< 1	< 1	< 2	< 2
NVR14-3	126.50	128.48	1.98	120370	< 5	< 0.2	< 1	< 1	< 2	< 2
NVR14-3	128.48	130.00	1.52	120371	< 5	< 0.2	< 1	< 1	< 2	5
NVR14-3	130.00	131.13	1.13	120372	< 5	0.2	< 1	< 1	< 2	6
NVR14-3	131.13	132.50	1.37	120373	< 5	< 0.2	< 1	1	< 2	52
NVR14-3	132.50	134.00	1.50	120374	< 5	< 0.2	< 1	< 1	< 2	66
NVR14-3	134.00	135.71	1.71	120375	< 5	< 0.2	< 1	2	< 2	102
NVR14-3	135.71	137.21	1.50	120376	< 5	< 0.2	1	< 1	< 2	419
NVR14-3	137.21	138.71	1.50	120377	< 5	< 0.2	4	< 1	< 2	404
NVR14-3	**138.71**	**139.80**	**1.09**	**120378**	< 5	< 0.2	< 1	2	< 2	**1070**
NVR14-3	139.80	141.00	1.20	120379	< 5	< 0.2	< 1	< 1	< 2	146
NVR14-3	141.00	142.50	1.50	120380	8	< 0.2	1	2	3	34
NVR14-3	142.50	144.09	1.59	120381	< 5	< 0.2	< 1	4	< 2	21
NVR14-3	144.09	145.20	1.11	120383	< 5	< 0.2	< 1	1	< 2	102
NVR14-3	145.20	146.32	1.12	120384	< 5	< 0.2	< 1	< 1	< 2	172
NVR14-3	146.32	147.50	1.18	120385	< 5	< 0.2	< 1	< 1	< 2	99
NVR14-3	147.50	149.00	1.50	120386	< 5	< 0.2	< 1	2	< 2	218
NVR14-3	149.00	150.50	1.50	120388	< 5	< 0.2	< 1	< 1	< 2	73
NVR14-3	150.50	152.00	1.50	120389	< 5	< 0.2	< 1	< 1	< 2	76
NVR14-3	152.00	153.50	1.50	120390	< 5	< 0.2	< 1	< 1	< 2	27
NVR14-3	153.50	155.00	1.50	120391	< 5	< 0.2	< 1	< 1	< 2	18
NVR14-3	155.00	156.50	1.50	120392	< 5	< 0.2	< 1	< 1	< 2	21
NVR14-3	156.50	158.18	1.68	120393	< 5	< 0.2	< 1	< 1	< 2	31
NVR14-3	158.18	159.50	1.32	120394	< 5	< 0.2	< 1	2	< 2	8
NVR14-3	159.50	161.00	1.50	120395	< 5	< 0.2	< 1	< 1	< 2	15
NVR14-3	161.00	162.50	1.50	120396	< 5	< 0.2	< 1	2	< 2	17
NVR14-3	162.50	164.00	1.50	120397	< 5	< 0.2	< 1	< 1	< 2	30
NVR14-3	164.00	165.50	1.50	120398	< 5	< 0.2	< 1	< 1	< 2	46
NVR14-3	165.50	167.00	1.50	120399	< 5	< 0.2	< 1	2	< 2	16
NVR14-3	167.00	168.50	1.50	120400	< 5	< 0.2	< 1	< 1	< 2	21
NVR14-3	168.50	170.00	1.50	120401	< 5	< 0.2	< 1	< 1	< 2	8
NVR14-3	170.00	171.50	1.50	120402	< 5	< 0.2	< 1	< 1	< 2	8
NVR14-3	171.50	173.00	1.50	120403	< 5	< 0.2	< 1	< 1	3	8
NVR14-3	173.00	174.50	1.50	120404	< 5	< 0.2	< 1	< 1	< 2	13
NVR14-3	174.50	176.00	1.50	120405	< 5	< 0.2	< 1	1	< 2	20
NVR14-3	176.00	177.50	1.50	120406	< 5	< 0.2	< 1	< 1	< 2	22
NVR14-3	177.50	179.00	1.50	120407	< 5	< 0.2	< 1	1	< 2	41
NVR14-3	179.00	180.36	1.36	120408	< 5	< 0.2	< 1	< 1	< 2	43
NVR14-3	180.36	182.00	1.64	120409	< 5	< 0.2	< 1	< 1	< 2	80
NVR14-3	182.00	183.50	1.50	120410	< 5	< 0.2	< 1	< 1	< 2	79
NVR14-3	**183.50**	**185.00**	**1.50**	**120411**	**99**	0.2	14	< 1	< 2	105
NVR14-3	192.72	194.22	1.50	120412	< 5	< 0.2	< 1	< 1	< 2	16
NVR14-3	194.22	195.72	1.50	120413	9	< 0.2	< 1	< 1	< 2	16
NVR14-3	236.00	236.92	0.92	120414	21	< 0.2	< 1	1	< 2	24



Hole_ID	From	To	Length	Sample_ID	Au_ppb	Ag_ppm	Cu_ppm	Ni_ppm	Pb_ppm	Zn_ppm
NVR14-3	138.71	139.80	1.09	120,378	2.5	0.1	0.5	2	1	1,070
NVR14-3	183.50	185.00	1.50	120,411	99	0.2	14	0.5	1	105

GEOLOGY LEGEND

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

NuVision Resources ULC

ORIX

Date: 10/02/2015
Author: ARIGDS
Office:
Drawing:
Scale: 1:1000

Cat Key Property
Mine Centre, Ontario

DDH NVR14-3
Looking North

0 10 20 40
metres

Figure 8 NVR14-3

HOLE NVR14-04

From November 1st to 3rd of 2014, hole NVR14-04 was drilled on the Cat Key Property. The hole was drilled at grid location L36+00E & 16+25N at 325° @ -50° to intersect the west extension (250m) of the >80m wide, weak - intense alteration zone of the Thompson Porphyry (calcite-ankerite-quartz veining) in basalt with felsic porphyry with trace-1% pyrite. A drill hole summary is located below and a detailed drill log is located in Appendix A.

Table 10a – NVR14-04 Drill Hole Summary

NuVision Resources ULC - Cat Key Property			
Drill Hole Summary:			**NVR14-4**
Grid Location:			L36E, 16+25N
UTM Location:			520083E 5398973N
Direction:			Azm 325o @ -050o
End of Hole:			245.00m
Logged By:			Allen J. Raoul, PGeo.
Dates:			November 01 - 03, 2014
From (m)	**To (m)**	**Interval (m)**	**Description**
0.00	4.00	3.00	Casing
3.69	43.68	39.99	Chlorite Basalt
			11.95-20.44: Chlorite Basalt with 2-3% qtz-epid veins + tr-2% Py-Po-Cpy
43.68	82.82	39.14	Sheared Pyroclastic Basalt with tr-1% Py-Po
			58.75-61.35: Carbonate Altered Pyroclastic Basalt + >3% QV
			61.35-63.05: Silica Altered Pyroclastic Basalt + 5-8% Py-Po
			61.35-62.35 (1.00m) ran 0.046% Cu and 0.11% Zn
			77.50-82.82: Carbonate Sheared Basalt + tr Py
82.82	97.08	14.26	Chlorite Basalt + tr-2% Py-Po
97.08	102.87	5.79	Sericite-Silica Altered Dacite Tuff + <2% Py-Po
102.87	142.50	39.63	Chlorite-Calcite--Sericite +/- Silica Altered Dacite Tuff + tr Py
			133.75-142.49: Chlorite-Calcite Altered Dacite
142.50	160.60	18.10	Carbonate-Chlorite Altered Basalt + tr Py
160.60	163.65	3.05	>50% Quartz veins in Carbonate-Chlorite Basalt + tr-1% Py
163.65	175.21	11.56	Weakly Chlorite-Calcite altered Basalt + tr-1% Py
175.21	177.42	2.21	35% Quartz veins in Carbonate-Chlorite Basalt + <2% Py-Cpy
			175.21-176.54 (1.33m) ran 39 ppb Au and 0.064% Cu.
177.42	186.00	8.58	Carbonate Altered Dacite with Silica (patches) + <2% Py
186.00	200.08	14.08	10-20% Silica Altered Dacite +/- Carbonate + tr-1% Py
			193.14-194.00 (0.84m) ran 97 ppb Au
200.08	202.10	2.02	Chlorite Dacite + tr-1% Py
202.10	205.70	3.60	Silicified (20-30%) Dacite + tr Py
205.70	236.00	30.30	Silicified (5-10%) on 20-50% Carbonate Altered Dacite + tr-1% Py
236.00	245.00	9.00	Basalt (to Andesite) Flow
245.00			**End of Hole**

Hole NVR14-04 intersected several zones that were “Lithological Controlled Gold Zones” (LCGZ) within the Thompson Zone; see hole NVR14-03 for detailed explanation of LCGZ. The result are then gold bearing shoots within wide systems (over 80m) and can be traced along strike (up to 1600m). The most significant assays were:

1. A 1.00m zone (61.35-62.35m) yielded 0.046% Cu and 0.11% Zn in silica altered basalt with pyroclastic fragments and up to 8% Py-Po.

2. A 1.33m zone (175.21-176.54m) yielded 39 ppb Au and 0.064% Cu in 35% quartz veins in carbonate-chlorite altered basalt with 2% Py-Cpy

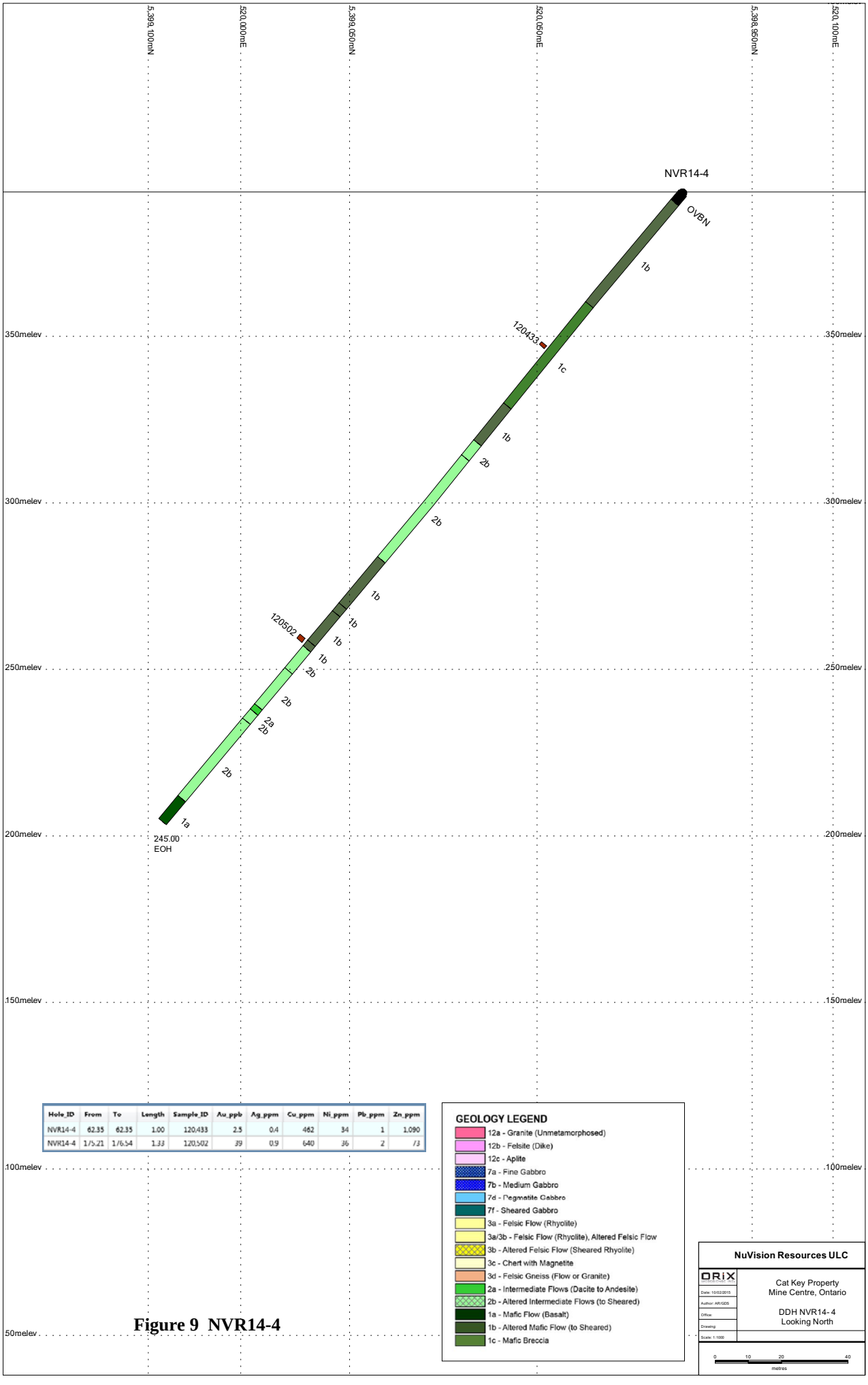
3. A 0.84m zone (193.14-194.00m) yielded 97 ppb Au in 20% silica-calcite altered dacite with 1% Py.

Table 10b – NVR14-04 Drill Hole Assays

Hole_ID	From	To	Length	Sample	Au ppb	Ag ppm	Cu ppm	Ni ppm	Pb ppm	Zn ppm
NVR14-4	11.95	13.00	1.05	120415	< 5	0.2	146	29	< 2	150
NVR14-4	13.00	14.00	1.00	120416	< 5	< 0.2	31	28	< 2	121
NVR14-4	14.00	15.50	1.50	120417	< 5	< 0.2	46	25	< 2	100
NVR14-4	15.50	17.00	1.50	120418	< 5	< 0.2	80	43	< 2	79
NVR14-4	17.00	18.50	1.50	120420	< 5	< 0.2	73	27	< 2	84
NVR14-4	18.50	20.00	1.50	120421	< 5	< 0.2	60	26	< 2	99
NVR14-4	20.00	20.44	0.44	120423	< 5	< 0.2	243	45	< 2	75
NVR14-4	32.24	33.62	1.38	120424	< 5	< 0.2	140	41	3	92
NVR14-4	41.35	41.75	0.40	120425	< 5	< 0.2	123	40	< 2	104
NVR14-4	41.75	42.53	0.78	120426	< 5	< 0.2	55	29	3	79
NVR14-4	42.53	43.68	1.15	120427	< 5	< 0.2	59	28	< 2	82
NVR14-4	43.68	45.00	1.32	120428	7	0.2	252	32	< 2	104
NVR14-4	45.00	46.50	1.50	120429	< 5	< 0.2	75	31	4	117
NVR14-4	46.50	48.00	1.50	120430	8	0.2	182	31	< 2	122
NVR14-4	58.75	60.25	1.50	120431	< 5	< 0.2	78	44	< 2	204
NVR14-4	60.25	61.35	1.10	120432	< 5	< 0.2	33	41	< 2	298
NVR14-4	61.35	62.35	1.00	120433	< 5	0.4	**462**	34	< 2	**1090**
NVR14-4	62.35	63.05	0.70	120434	< 5	0.2	225	35	4	322
NVR14-4	63.05	64.55	1.50	120435	< 5	< 0.2	76	136	4	192
NVR14-4	64.55	66.00	1.45	120436	< 5	< 0.2	78	35	< 2	283
NVR14-4	66.00	67.75	1.75	120437	< 5	< 0.2	167	32	< 2	357
NVR14-4	67.75	69.50	1.75	120438	7	< 0.2	67	38	< 2	223
NVR14-4	82.82	84.00	1.18	120439	< 5	< 0.2	79	25	< 2	150
NVR14-4	84.00	85.50	1.50	120440	< 5	0.2	116	26	< 2	195
NVR14-4	85.50	87.00	1.50	120441	13	0.4	168	23	< 2	244
NVR14-4	87.00	88.50	1.50	120442	< 5	< 0.2	110	22	< 2	249
NVR14-4	88.50	90.00	1.50	120443	< 5	< 0.2	21	15	< 2	173
NVR14-4	90.00	91.50	1.50	120444	< 5	< 0.2	76	13	< 2	179
NVR14-4	91.50	93.00	1.50	120445	< 5	< 0.2	23	1	< 2	150
NVR14-4	93.00	94.50	1.50	120446	< 5	< 0.2	41	< 1	< 2	120

NVR14-4	94.50	95.50	1.00	120447	< 5	< 0.2	21	< 1	< 2	113
NVR14-4	95.50	96.54	1.04	120448	< 5	< 0.2	2	< 1	< 2	71
NVR14-4	96.54	97.08	0.54	120449	< 5	0.4	290	31	< 2	128
NVR14-4	97.08	98.58	1.50	120450	7	0.2	104	23	< 2	127
NVR14-4	98.58	100.08	1.50	120451	< 5	< 0.2	33	9	< 2	104
NVR14-4	100.08	101.58	1.50	120452	< 5	< 0.2	< 1	3	< 2	77
NVR14-4	101.58	102.87	1.29	120453	< 5	< 0.2	< 1	5	< 2	77
NVR14-4	102.87	104.00	1.13	120454	< 5	< 0.2	26	10	< 2	58
NVR14-4	104.00	105.50	1.50	120455	< 5	< 0.2	< 1	9	< 2	56
NVR14-4	105.50	107.00	1.50	120456	< 5	< 0.2	< 1	6	< 2	50
NVR14-4	107.00	108.50	1.50	120457	< 5	< 0.2	< 1	6	< 2	58
NVR14-4	108.50	110.00	1.50	120458	< 5	< 0.2	< 1	5	< 2	31
NVR14-4	110.00	111.50	1.50	120459	< 5	< 0.2	< 1	4	< 2	39
NVR14-4	111.50	113.00	1.50	120460	< 5	< 0.2	< 1	3	< 2	58
NVR14-4	113.00	114.50	1.50	120461	< 5	< 0.2	< 1	5	< 2	39
NVR14-4	114.50	116.00	1.50	120462	< 5	< 0.2	< 1	4	3	25
NVR14-4	116.00	117.50	1.50	120463	< 5	< 0.2	< 1	4	< 2	40
NVR14-4	117.50	119.00	1.50	120464	< 5	< 0.2	< 1	4	< 2	44
NVR14-4	119.00	120.50	1.50	120465	< 5	< 0.2	< 1	1	< 2	27
NVR14-4	120.50	122.00	1.50	120466	< 5	< 0.2	< 1	1	< 2	27
NVR14-4	122.00	123.50	1.50	120467	< 5	< 0.2	< 1	1	< 2	29
NVR14-4	123.50	125.00	1.50	120468	< 5	< 0.2	< 1	3	< 2	33
NVR14-4	125.00	126.50	1.50	120470	< 5	< 0.2	< 1	< 1	< 2	30
NVR14-4	126.50	128.00	1.50	120471	< 5	< 0.2	8	6	< 2	35
NVR14-4	128.00	129.50	1.50	120478*	< 5	< 0.2	< 1	5	< 2	32
NVR14-4	129.50	131.00	1.50	120473	< 5	< 0.2	< 1	1	< 2	26
NVR14-4	131.00	132.50	1.50	120474	< 5	< 0.2	< 1	3	< 2	38
NVR14-4	132.50	133.75	1.25	120475	< 5	< 0.2	< 1	3	< 2	48
NVR14-4	133.75	135.00	1.25	120476	< 5	< 0.2	< 1	2	< 2	48
NVR14-4	135.00	136.25	1.25	120477	< 5	< 0.2	< 1	4	< 2	35
NVR14-4	136.25	137.75	1.50	120479	< 5	< 0.2	3	5	< 2	17
NVR14-4	137.75	139.25	1.50	120496*	< 5	< 0.2	11	6	< 2	24
NVR14-4	139.25	140.70	1.45	120480	< 5	< 0.2	< 1	5	< 2	32
NVR14-4	140.70	141.70	1.00	120481	< 5	< 0.2	< 1	4	< 2	37
NVR14-4	141.70	142.60	0.90	120482	< 5	< 0.2	< 1	5	< 2	36
NVR14-4	142.60	144.00	1.40	120483	7	0.2	< 1	6	2	50
NVR14-4	144.00	145.50	1.50	120484	< 5	0.3	< 1	3	< 2	62
NVR14-4	145.50	146.95	1.45	120485	< 5	< 0.2	< 1	6	< 2	69
NVR14-4	146.95	148.15	1.20	120486	< 5	< 0.2	< 1	21	< 2	65
NVR14-4	148.15	148.78	0.63	120487	< 5	< 0.2	6	220	< 2	58
NVR14-4	148.78	150.40	1.62	120488	< 5	< 0.2	14	37	< 2	91
NVR14-4	150.40	152.00	1.60	120489	< 5	< 0.2	< 1	39	< 2	111
NVR14-4	152.00	153.50	1.50	120490	< 5	< 0.2	< 1	34	< 2	115
NVR14-4	153.50	155.00	1.50	120491	< 5	< 0.2	< 1	42	< 2	50
NVR14-4	155.00	156.50	1.50	120492	< 5	< 0.2	11	36	< 2	34
NVR14-4	156.50	158.00	1.50	120493	< 5	< 0.2	< 1	28	< 2	41
NVR14-4	158.00	159.50	1.50	120494	< 5	< 0.2	9	28	< 2	50
NVR14-4	159.50	160.60	1.10	120495	< 5	< 0.2	25	45	< 2	90
NVR14-4	160.60	161.40	0.80	120497	< 5	< 0.2	11	23	< 2	53
NVR14-4	161.40	162.12	0.72	120498	< 5	0.2	7	45	< 2	106
NVR14-4	162.12	163.65	1.53	120499	< 5	< 0.2	2	15	< 2	33
NVR14-4	163.65	165.15	1.50	120500	< 5	< 0.2	40	39	< 2	100

NVR14-4	165.15	166.65	1.50	120501	43	< 0.2	76	27	< 2	88
NVR14-4	175.21	176.54	1.33	120502	39	0.9	640	36	2	73
NVR14-4	176.54	177.42	0.88	120503	< 5	< 0.2	2	15	< 2	39
NVR14-4	177.42	178.42	1.00	120504	< 5	< 0.2	< 1	21	< 2	37
NVR14-4	178.42	179.33	0.91	120505	< 5	< 0.2	< 1	16	< 2	28
NVR14-4	179.33	180.50	1.17	120506	< 5	< 0.2	< 1	18	< 2	38
NVR14-4	180.50	182.00	1.50	120507	< 5	< 0.2	< 1	22	< 2	27
NVR14-4	182.00	183.50	1.50	120508	< 5	< 0.2	< 1	19	< 2	23
NVR14-4	183.50	185.00	1.50	120509	< 5	< 0.2	< 1	22	< 2	19
NVR14-4	185.00	186.50	1.50	120510	< 5	< 0.2	< 1	18	< 2	14
NVR14-4	186.50	188.00	1.50	120511	< 5	< 0.2	< 1	15	< 2	12
NVR14-4	188.00	189.50	1.50	120512	< 5	< 0.2	< 1	10	< 2	8
NVR14-4	189.50	191.00	1.50	120513	14	< 0.2	< 1	14	< 2	7
NVR14-4	191.00	192.14	1.14	120514	< 5	< 0.2	< 1	14	< 2	9
NVR14-4	192.14	193.14	1.00	120515	< 5	< 0.2	< 1	10	< 2	11
NVR14-4	**193.14**	**194.00**	**0.86**	**120516**	**97**	< 0.2	< 1	7	< 2	12
NVR14-4	194.00	195.50	1.50	120517	< 5	< 0.2	< 1	12	< 2	24
NVR14-4	195.50	197.00	1.50	120518	< 5	< 0.2	< 1	15	< 2	48
NVR14-4	197.00	198.50	1.50	120519	< 5	< 0.2	< 1	18	< 2	67
NVR14-4	198.50	200.08	1.58	120520	< 5	< 0.2	< 1	21	< 2	95
NVR14-4	200.08	201.09	1.01	120521	< 5	< 0.2	43	26	2	63
NVR14-4	201.09	202.10	1.01	120522	9	0.2	95	32	< 2	71
NVR14-4	202.10	203.30	1.20	120523	< 5	< 0.2	< 1	44	< 2	88
NVR14-4	203.30	204.50	1.20	120524	< 5	< 0.2	< 1	33	< 2	101
NVR14-4	204.50	205.70	1.20	120525	< 5	< 0.2	< 1	43	< 2	91
NVR14-4	205.70	207.00	1.30	120527	17	< 0.2	4	< 1	< 2	66
NVR14-4	207.00	208.00	1.00	120528	5	< 0.2	1	< 1	3	67
NVR14-4	208.00	209.00	1.00	120529	< 5	< 0.2	< 1	< 1	< 2	49
NVR14-4	209.00	210.50	1.50	120530	< 5	< 0.2	< 1	< 1	< 2	34
NVR14-4	210.50	212.00	1.50	120531	< 5	< 0.2	3	1	< 2	84
NVR14-4	212.00	213.70	1.70	120533	< 5	< 0.2	< 1	2	< 2	84
NVR14-4	213.70	215.00	1.30	120534	< 5	< 0.2	3	< 1	< 2	76
NVR14-4	215.00	216.50	1.50	120535	< 5	< 0.2	10	2	< 2	79
NVR14-4	216.50	218.00	1.50	120536	< 5	< 0.2	< 1	1	< 2	69
NVR14-4	218.00	219.50	1.50	120537	< 5	< 0.2	2	1	< 2	71
NVR14-4	219.50	221.00	1.50	120538	< 5	< 0.2	16	< 1	< 2	56
NVR14-4	221.00	222.50	1.50	120539	< 5	< 0.2	< 1	< 1	< 2	38
NVR14-4	222.50	224.00	1.50	120540	< 5	< 0.2	< 1	< 1	< 2	42
NVR14-4	224.00	225.50	1.50	120541	< 5	< 0.2	< 1	< 1	< 2	46
NVR14-4	225.50	227.00	1.50	120542	17	< 0.2	3	< 1	< 2	30
NVR14-4	227.00	228.50	1.50	120543	< 5	< 0.2	< 1	< 1	< 2	71
NVR14-4	228.50	230.00	1.50	120544	< 5	< 0.2	< 1	< 1	< 2	74
NVR14-4	230.00	231.50	1.50	120545	< 5	< 0.2	< 1	3	< 2	70
NVR14-4	231.50	233.00	1.50	120546	< 5	< 0.2	< 1	1	< 2	53
NVR14-4	233.00	234.50	1.50	120547	< 5	< 0.2	< 1	< 1	< 2	47
NVR14-4	234.50	236.00	1.50	120548	< 5	< 0.2	1	1	< 2	40
NVR14-4	236.00	237.50	1.50	120549	< 5	< 0.2	< 1	< 1	< 2	44



Hole_ID	From	To	Length	Sample_ID	Au_ppb	Ag_ppm	Cu_ppm	Ni_ppm	Pb_ppm	Zn_ppm
NVR14-4	62.35	62.35	1.00	120433	2.5	0.4	462	34	1	1,090
NVR14-4	175.21	176.54	1.33	120502	39	0.9	640	36	2	73

GEOLOGY LEGEND

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

NuVision Resources ULC

ORIX

Date: 10/02/2015
Author: ARIGDS
Office:
Drawing:
Scale: 1:1000

Cat Key Property
Mine Centre, Ontario

DDH NVR14- 4
Looking North

0 10 20 40
metres

Figure 9 NVR14-4

HOLE NVR14-05

From November 5st to 7rd of 2014, hole NVR14-05 was drilled on the Cat Key Property. The hole was drilled at grid location L54+00E & 20+20N at 190° @ -50° to test the alteration associated with the T-Trench (East) and Trench 1 & Trench 12 gold values. A drill hole summary is located below and a detailed drill log is located in Appendix A.

Table 11a – NVR14-05 Drill Hole Summary

NuVision Resources ULC - Cat Key Property			
Drill Hole Summary:			**NVR14-5**
Grid Location:			L54E 20+20N
UTM Location:			521373E 5400286N (NAD83, Zone 15)
Direction:			Azm 190o @ -050o
End of Hole:			242.00m
Logged By:			Allen J. Raoul, PGeo.
Dates:			November 5 - 7, 2014
From (m)	**To (m)**	**Interval (m)**	**Description**
3.77	14.66	10.89	Chlorite Basalt
14.66	21.20	6.54	Weak Carbonate Altered Andesite + tr-1% Py
21.20	35.72	14.52	Weakly Sheared, Chlorite Gabbro / Diorite (weak shear) + 1% Py
			35.00-35.72: gabbro to felsic contact
35.44	95.80	60.36	Chloritic Felsic Tuff (Dacite-Andesite) + 1-2% Py
			49.28-51.83: Silica-Sericite Altered Chlorite Dacite + >5% py-po-aspy
			37.22-39.94 (2.72m) ran 0.54 gpt Au and 0.5 gpt Ag
			49.28-52.83 (3.55m) ran 0.30 gpt Au
			71.40-72.66 (1.26m) ran 0.89 gpt Au and 0.14% Zn
95.80	100.18	4.38	Silica-Carbonate Altered Dacite/Andesite + Tr-1% Py
100.18	133.86	33.68	Silica-Sericite Altered Dacite + tr Py
133.86	141.22	7.36	Chlorite-Carbonate Altered Dacite and 1% Pyrite
141.22	162.64	21.42	Pyroclastic Basalt Tuff +/- up to 10% Silc Dacite Clasts
162.64	168.84	6.20	Dacite Crystal Tuff + tr-1% Py
168.84	172.77	3.93	Pyroclastic Dacite Tuff + 1-2% py-po
172.77	206.50	33.73	Dacite Tuff and 2-5% Py-Po
			200.13-206.50: Chlorite Dacite Tuff + Trace Py
206.50	242.00	35.50	Chloritic Basalt + tr Py
242.00			**End of Hole**

Hole NVR14-05 intersected several zones that were “Lithological Controlled Gold Zones” (LCGZ) within the 54-20 Zone; see hole NVR14-03 for detailed explanation of LCGZ. The results are gold bearing shoots within wide systems (over 30m) and can be traced along strike (over 100m). The most significant assays were:

1. A **2.72m zone (37.22-39.94m) yielded 0.54 gpt Au and 0.5 gpt Ag** in silica-sericite-chlorite altered dacite with 5% py-po-aspy.

2. A **3.55m zone (49.28-52.83m) yielded 0.30 gpt Au** in silica-sericite-chlorite altered dacite with 5% py-po-aspy.

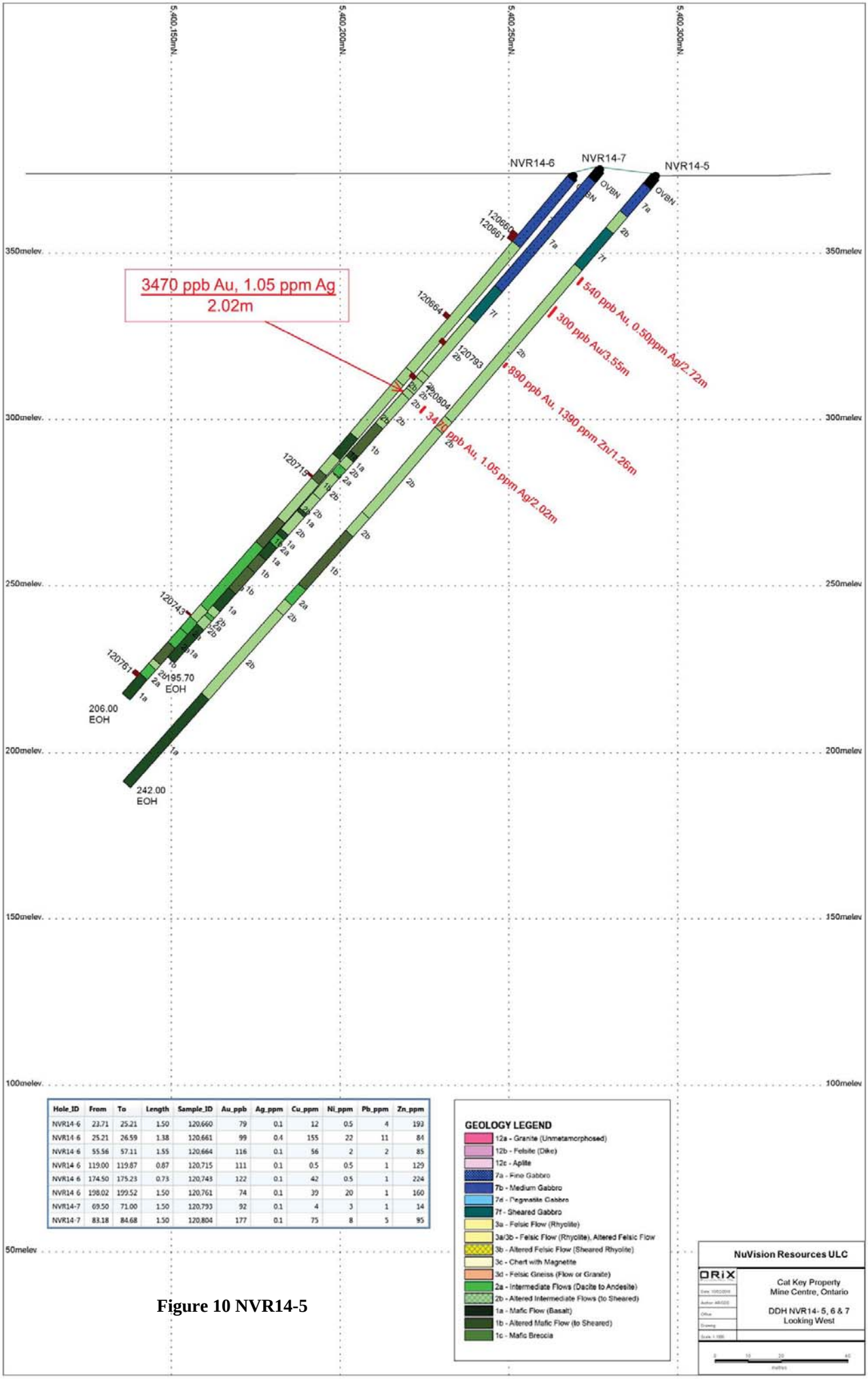
3. A **1.26m zone (71.40-72.66m) yielded 0.89 gpt Au and 0.14% Zn** in silica-sericite-chlorite altered dacite with 5% py-po-aspy.

Table 11b – NVR14-05 Drill Hole Assays

Hole_ID	From	To	Length	Sample	Au ppb	Ag ppm	Cu ppm	Ni ppm	Pb ppm	Zn ppm
NVR14-5	13.20	14.66	1.46	120550	< 5	< 0.2	39	3	3	148
NVR14-5	14.66	16.16	1.50	120551	< 5	< 0.2	75	46	5	123
NVR14-5	35.00	35.72	0.72	120552	13	< 0.2	20	< 1	6	375
NVR14-5	35.72	37.22	1.50	120553	11	< 0.2	5	< 1	5	135
NVR14-5	37.22	38.08	0.86	120554	116	< 0.2	28	2	14	240
NVR14-5	38.08	38.44	0.36	120555	2990	1.1	232	< 1	13	39
NVR14-5	38.44	39.94	1.50	120556	187	< 0.2	17	< 1	7	86
average	**37.22**	**39.94**	**2.72**		**540**	**0.5**				
NVR14-5	39.94	41.44	1.50	120869*	< 5	< 0.2	5	< 1	5	89
NVR14-5	41.44	42.94	1.50	120870*	< 5	< 0.2	12	1	6	84
NVR14-5	42.94	44.44	1.50	120871*	< 5	< 0.2	1	< 1	< 2	90
NVR14-5	44.44	45.94	1.50	120872*	< 5	< 0.2	2	2	< 2	110
NVR14-5	45.94	46.67	0.73	120873*	79	< 0.2	15	4	12	116
NVR14-5	46.67	48.28	1.61	120874*	< 5	< 0.2	2	< 1	< 2	120
NVR14-5	48.28	49.28	1.00	120557	14	< 0.2	5	< 1	4	85
NVR14-5	49.28	50.55	1.27	120558	206	< 0.2	83	22	7	39
NVR14-5	50.55	51.83	1.28	120559	5	< 0.2	39	40	7	55
NVR14-5	51.83	52.83	1.00	120560	793	0.3	52	1	5	85
average	**49.28**	**52.83**	**3.55**		**300**					
NVR14-5	52.83	54.33	1.50	120875*	< 5	< 0.2	12	3	< 2	74
NVR14-5	54.33	55.83	1.50	120876*	< 5	< 0.2	12	1	3	74
NVR14-5	55.83	57.33	1.50	120877*	< 5	< 0.2	11	< 1	< 2	75
NVR14-5	57.33	58.83	1.50	120878*	< 5	< 0.2	9	< 1	< 2	75
NVR14-5	58.83	60.33	1.50	120879*	< 5	< 0.2	16	< 1	< 2	103
NVR14-5	60.33	61.83	1.50	120880*	< 5	< 0.2	30	< 1	< 2	110
NVR14-5	61.83	62.73	0.90	120881*	< 5	< 0.2	19	< 1	4	98
NVR14-5	62.73	63.73	1.00	120561	11	< 0.2	19	4	6	112
NVR14-5	63.73	64.55	0.82	120562	23	< 0.2	3	1	2	99
NVR14-5	64.55	65.40	0.85	120563	< 5	< 0.2	6	2	4	128
NVR14-5	65.40	66.40	1.00	120564	10	< 0.2	6	< 1	2	117

NVR14-5	66.40	67.40	1.00	120882*	< 5	< 0.2	8	< 1	3	109
NVR14-5	67.40	68.90	1.50	120883*	< 5	< 0.2	11	< 1	4	112
NVR14-5	68.90	70.40	1.50	120884*	59	< 0.2	6	1	6	218
NVR14-5	70.40	71.40	1.00	120885*	< 5	< 0.2	12	< 1	< 2	317
NVR14-5	71.40	72.21	0.81	120886*	80	< 0.2	14	2	< 2	338
NVR14-5	72.21	72.66	0.45	120565	1830	0.4	78	< 1	12	2480
average	**71.40**	**72.66**	**1.26**		**890**					**1390**
NVR14-5	72.66	74.16	1.50	120887*	< 5	< 0.2	2	< 1	< 2	251
NVR14-5	74.16	75.35	1.19	120888*	< 5	< 0.2	1	4	< 2	107
NVR14-5	75.35	76.35	1.00	120566	< 5	< 0.2	< 1	< 1	4	101
NVR14-5	76.35	77.25	0.90	120567	< 5	< 0.2	8	2	< 2	101
NVR14-5	77.25	78.22	0.97	120568	< 5	< 0.2	9	1	4	83
NVR14-5	78.22	79.44	1.22	120569	< 5	0.2	< 1	147	< 2	117
NVR14-5	79.44	80.44	1.00	120570	< 5	< 0.2	16	11	< 2	79
NVR14-5	86.00	87.50	1.50	120571	< 5	< 0.2	16	3	< 2	100
NVR14-5	87.50	89.00	1.50	120572	< 5	< 0.2	9	2	< 2	96
NVR14-5	89.00	90.46	1.46	120573	< 5	< 0.2	11	4	< 2	95
NVR14-5	90.46	91.30	0.84	120574	< 5	< 0.2	8	2	< 2	96
NVR14-5	91.30	92.80	1.50	120575	< 5	0.2	15	4	3	113
NVR14-5	95.80	97.20	1.40	120576	< 5	< 0.2	15	70	< 2	117
NVR14-5	97.20	98.70	1.50	120577	< 5	< 0.2	6	< 1	5	111
NVR14-5	98.70	100.18	1.48	120578	< 5	< 0.2	< 1	1	< 2	109
NVR14-5	100.18	101.00	0.82	120579	< 5	0.3	12	4	6	780
NVR14-5	101.00	102.50	1.50	120581	< 5	< 0.2	12	3	2	175
NVR14-5	102.50	104.00	1.50	120582	< 5	< 0.2	10	4	< 2	212
NVR14-5	104.00	105.50	1.50	120584	< 5	< 0.2	5	3	3	85
NVR14-5	105.50	107.00	1.50	120585	< 5	< 0.2	4	4	2	28
NVR14-5	107.00	108.50	1.50	120586	< 5	< 0.2	12	4	< 2	44
NVR14-5	108.50	110.00	1.50	120587	< 5	< 0.2	5	3	< 2	17
NVR14-5	110.00	111.50	1.50	120588	< 5	< 0.2	5	2	< 2	26
NVR14-5	111.50	113.00	1.50	120589	< 5	< 0.2	4	3	2	18
NVR14-5	113.00	114.50	1.50	120590	< 5	< 0.2	6	4	< 2	23
NVR14-5	114.50	116.00	1.50	120591	< 5	< 0.2	4	3	2	25
NVR14-5	116.00	117.50	1.50	120592	< 5	< 0.2	3	3	2	13
NVR14-5	117.50	119.00	1.50	120593	< 5	< 0.2	3	3	< 2	13
NVR14-5	119.00	120.50	1.50	120594	< 5	< 0.2	4	3	2	14
NVR14-5	120.50	122.00	1.50	120595	< 5	< 0.2	4	3	< 2	18
NVR14-5	122.00	123.38	1.38	120596	< 5	< 0.2	8	2	< 2	11
NVR14-5	123.38	125.00	1.62	120597	< 5	0.2	4	4	< 2	9
NVR14-5	125.00	126.50	1.50	120598	< 5	< 0.2	7	3	3	20
NVR14-5	126.50	127.72	1.22	120599	< 5	< 0.2	9	2	< 2	25
NVR14-5	127.72	128.88	1.16	120600	< 5	< 0.2	58	43	4	143
NVR14-5	128.88	130.50	1.62	120601	< 5	< 0.2	7	4	< 2	19
NVR14-5	130.50	132.04	1.54	120602	< 5	< 0.2	21	10	2	29
NVR14-5	132.04	132.80	0.76	120603	< 5	< 0.2	7	5	2	12
NVR14-5	132.80	133.88	1.08	120604	< 5	< 0.2	10	3	< 2	10
NVR14-5	133.88	135.28	1.40	120605	6	< 0.2	69	39	2	122
NVR14-5	135.28	136.88	1.60	120606	< 5	< 0.2	68	43	3	121
NVR14-5	136.88	138.50	1.62	120607	< 5	< 0.2	59	35	4	108

NVR14-5	138.50	140.00	1.50	120608	< 5	< 0.2	70	33	< 2	126
NVR14-5	140.00	141.22	1.22	120609	6	< 0.2	17	11	< 2	163
NVR14-5	141.22	143.00	1.78	120610	< 5	< 0.2	< 1	< 1	< 2	122
NVR14-5	143.00	144.50	1.50	120611	< 5	< 0.2	< 1	1	< 2	111
NVR14-5	144.50	146.00	1.50	120612	< 5	< 0.2	< 1	< 1	< 2	89
NVR14-5	146.00	147.50	1.50	120613	< 5	< 0.2	35	1	< 2	112
NVR14-5	147.50	149.00	1.50	120614	< 5	< 0.2	11	< 1	< 2	95
NVR14-5	149.00	150.50	1.50	120615	< 5	< 0.2	27	2	< 2	145
NVR14-5	150.50	152.00	1.50	120616	< 5	< 0.2	51	16	< 2	128
NVR14-5	152.00	153.50	1.50	120617	< 5	< 0.2	12	< 1	< 2	129
NVR14-5	153.50	155.00	1.50	120618	< 5	< 0.2	4	< 1	< 2	113
NVR14-5	155.00	156.50	1.50	120619	< 5	< 0.2	18	< 1	< 2	116
NVR14-5	156.50	158.00	1.50	120620	46	< 0.2	9	1	< 2	116
NVR14-5	158.00	159.50	1.50	120621	10	< 0.2	< 1	< 1	< 2	122
NVR14-5	159.50	161.00	1.50	120622	6	< 0.2	1	2	< 2	151
NVR14-5	161.00	162.64	1.64	120623	6	< 0.2	7	< 1	< 2	217
NVR14-5	162.64	164.00	1.36	120624	< 5	< 0.2	12	< 1	< 2	169
NVR14-5	164.00	165.38	1.38	120626	< 5	< 0.2	19	< 1	< 2	138
NVR14-5	165.38	165.84	0.46	120627	8	< 0.2	2	192	19	147
NVR14-5	165.84	166.84	1.00	120628	< 5	< 0.2	4	2	3	155
NVR14-5	166.84	168.34	1.50	120629	< 5	< 0.2	12	3	< 2	163
NVR14-5	168.34	169.84	1.50	120630	< 5	< 0.2	22	< 1	< 2	170
NVR14-5	169.84	171.34	1.50	120631	< 5	< 0.2	7	< 1	< 2	177
NVR14-5	171.34	172.77	1.43	120632	< 5	< 0.2	25	1	< 2	129
NVR14-5	172.77	174.50	1.73	120633	6	< 0.2	6	< 1	< 2	118
NVR14-5	174.50	176.00	1.50	120634	9	< 0.2	58	< 1	< 2	82
NVR14-5	176.00	177.50	1.50	120636	< 5	< 0.2	< 1	2	< 2	131
NVR14-5	177.50	178.82	1.32	120637	< 5	0.2	11	7	7	111
NVR14-5	178.82	180.32	1.50	120638	< 5	< 0.2	46	2	4	129
NVR14-5	180.32	181.32	1.00	120639	< 5	< 0.2	17	< 1	< 2	106
NVR14-5	181.32	182.21	0.89	120640	< 5	< 0.2	14	< 1	< 2	115
NVR14-5	182.21	183.71	1.50	120641	< 5	< 0.2	< 1	14	< 2	122
NVR14-5	183.71	185.06	1.35	120642	< 5	< 0.2	< 1	1	< 2	127
NVR14-5	185.06	186.50	1.44	120643	< 5	< 0.2	3	< 1	< 2	121
NVR14-5	186.50	188.00	1.50	120644	18	< 0.2	31	< 1	< 2	103
NVR14-5	188.00	189.50	1.50	120645	< 5	< 0.2	< 1	2	< 2	144
NVR14-5	189.50	191.00	1.50	120646	< 5	< 0.2	< 1	7	< 2	159
NVR14-5	191.00	192.50	1.50	120647	12	0.2	23	12	3	235
NVR14-5	192.50	194.00	1.50	120648	< 5	< 0.2	8	2	< 2	279
NVR14-5	194.00	195.50	1.50	120649	< 5	< 0.2	6	2	< 2	180
NVR14-5	195.50	197.00	1.50	120650	< 5	< 0.2	4	< 1	< 2	201
NVR14-5	197.00	198.05	1.05	120651	< 5	< 0.2	< 1	2	< 2	189
NVR14-5	198.05	199.09	1.04	120652	< 5	< 0.2	42	79	9	80
NVR14-5	199.09	200.13	1.04	120653	< 5	< 0.2	31	77	10	75
NVR14-5	200.13	201.63	1.50	120654	< 5	< 0.2	19	< 1	< 2	129
NVR14-5	201.63	203.00	1.37	120655	< 5	< 0.2	46	< 1	< 2	109
NVR14-5	203.00	204.50	1.50	120656	< 5	< 0.2	1	< 1	< 2	106
NVR14-5	204.50	206.00	1.50	120657	< 5	< 0.2	26	< 1	3	105



Hole_ID	From	To	Length	Sample_ID	Au_ppb	Ag_ppm	Cu_ppm	Ni_ppm	Pb_ppm	Zn_ppm
NVR14-6	23.71	25.21	1.50	120,660	79	0.1	12	0.5	4	193
NVR14-6	25.21	26.59	1.38	120,661	99	0.4	155	22	11	84
NVR14-6	55.56	57.11	1.55	120,664	116	0.1	56	2	2	85
NVR14-6	119.00	119.87	0.87	120,715	111	0.1	0.5	0.5	1	129
NVR14-6	174.50	175.23	0.73	120,743	122	0.1	42	0.5	1	224
NVR14-6	198.02	199.52	1.50	120,761	74	0.1	39	20	1	160
NVR14-7	69.50	71.00	1.50	120,793	92	0.1	4	3	1	14
NVR14-7	83.18	84.68	1.50	120,804	177	0.1	75	8	5	95

Figure 10 NVR14-5

HOLE NVR14-06

From November 8th to 9th of 2014, hole NVR14-06 was drilled on the Cat Key Property. The hole was drilled at grid location L53+25E & 20+15N at 190° @ -50° to test the alteration located 40m west of the Shaft Trench (West) and Trench 3 & Trench 4 gold values. A drill hole summary is located below and a detailed drill log is located in Appendix A.

Table 12a – NVR14-06 Drill Hole Summary

NuVision Resources ULC - Cat Key Property			
Drill Hole Summary:			**NVR14-6**
Grid Location:			L53+25E, 20+15N
UTM Location:			521285, 5400276N (NAD83, Zone 15)
Direction:			Azm 190o @ -050o
End of Hole:			206.00m
Logged By:			Allen J. Raoul, PGeo.
Dates:			November 8 - 9, 2014
From (m)	**To (m)**	**Interval (m)**	**Description**
0.00	4.00	4.00	Casing
1.02	26.59	25.57	Quartz Gabbro/Diorite
			23.71-26.59 (2.88m) ran 89 ppb Au and 0.3 gpt Ag
26.59	76.17	49.58	Chlorite-Calcite Dacite and 1-2% Po-Py
			61.13-61.82: Quartz-Carbonate-Chlorite Vein + tr-1% py-po
76.17	80.89	4.72	Quartz Zone in Chlorite-Carbonate Dacite + tr-3% Py-Po
80.89	102.00	21.11	Chlorite-Biotite-Calcite Alteration Dacite and Trace-1% Py-Po
102.00	110.21	8.21	Chlorite Basalt (Flow) and >1% Py
			106.70-107.05: Leucogabbro Dike + tr py-po
110.21	116.45	6.24	Chlorite-Calcite Altered Dacite and 1-2% py +/- po
116.45	119.87	3.42	Chlorite-Carbonate Altered Pyroclastic Basaltic Tuff + tr-1% Py-Po
			119.00-119.87 (0.87m) ran 0.12 gpt Au
119.87	135.45	15.58	Silica - Sericite Altered Dacite + Tr-1% Py +/- Tr Po
135.45	145.30	9.85	Chloritic Basaltic Tuff with 5-20% Silica Dacite Frags + 1-2% Py
145.30	170.53	25.23	Chloritic Dacite + tr -1 % Py-Po
			154.54-154.98: Chlorite-Sericite Altered / Shear Dacite + rare Py
170.53	175.23	4.70	Chlorite Dacite Pyroclastic with 10-50% Silica Clasts + 1-4% Py
			174.50-175.23 (0.73m) ran 0.12 gpt Au
175.23	179.79	4.56	Chlorite Dacite + tr Py
179.79	185.45	5.66	Dacite Flow and Trace-2% Pyrite
185.45	192.08	6.63	Pyroclastic Chloritic Basalt + Silicic Dacite Frags (Tuff) + Tr-1% Py
192.08	194.10	2.02	Silica-Sericite Altered Dacite and 1-2% Pyrite
194.10	198.02	3.92	Chlorite Dacite Flow + 1-2% Py
198.02	206.00	7.98	Weakly Altered Basalt Tuff + tr Py
206.00			**END of HOLE**

Hole NVR14-06 intersected several zones that were “Lithological Controlled Gold Zones” (LCGZ) within the 54-20 Zone; see hole NVR14-03 for detailed explanation of LCGZ. The results are gold bearing shoots within wide systems (over 30m) and can be traced along strike (over 100m). The most significant assays were:

1. A 2.88m zone (23.71-26.59m) yielded 89 ppb Au and 0.3 gpt Ag in quartz gabbro / diorite with calcite-quartz shearing and trace py.

2. A 0.87m zone (119.00-119.87m) yielded 0.12 gpt Au in chlorite-calcite altered pyroclastic basaltic tuff with 1% Py-Po.

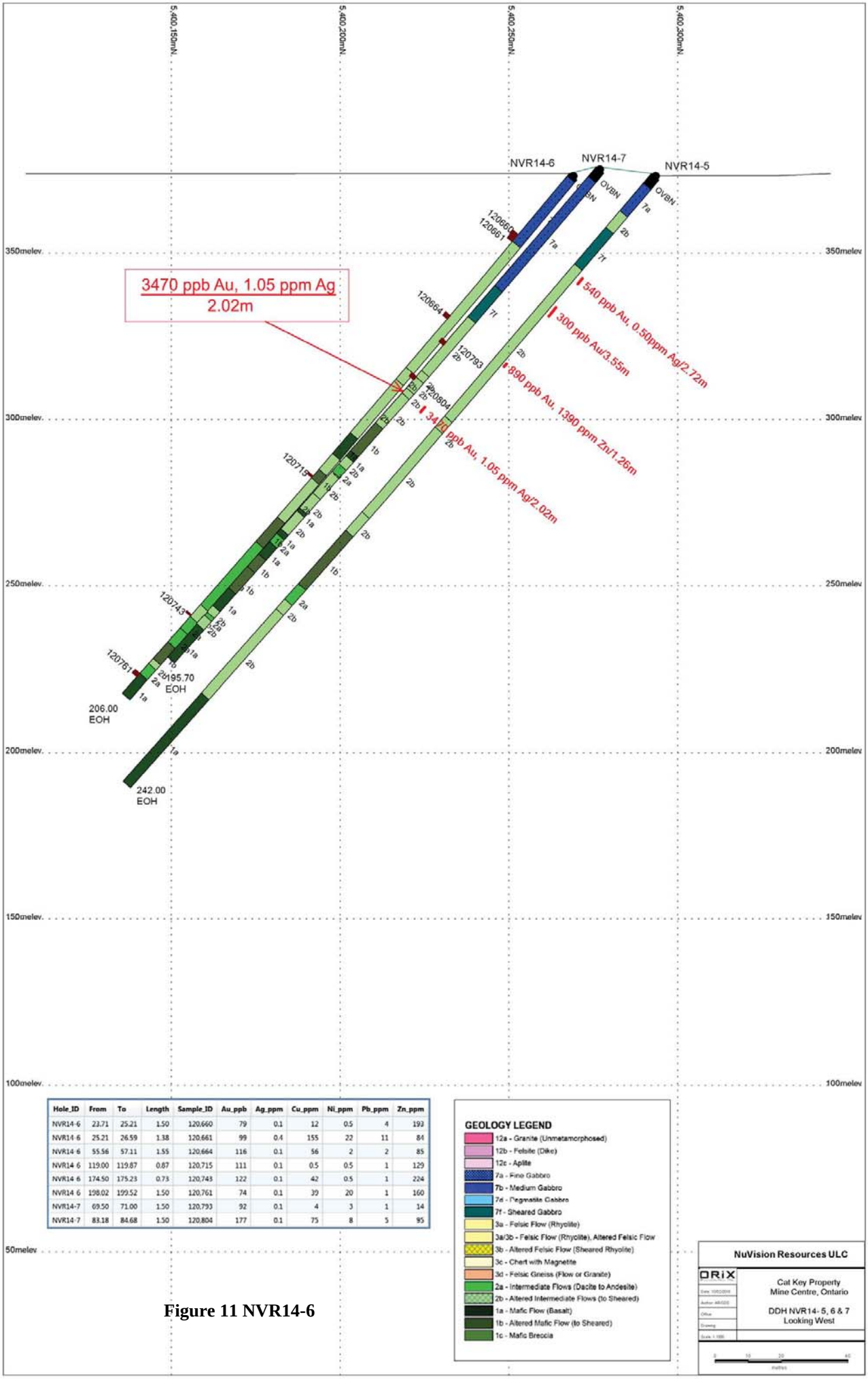
3. A 0.73m zone (174.50-175.23m) yielded 0.12 gpt Au in chlorite dacite pyroclastic with 10-50% silica clasts and up to 4% Py.

Table 12b – NVR14-06 Drill Hole Assays

Hole_ID	From	To	Length	Sample	Au ppb	Ag ppm	Cu ppm	Ni ppm	Pb ppm	Zn ppm
NVR14-6	12.42	14.00	1.58	120658	36	0.6	25	< 1	143	741
NVR14-6	14.00	15.10	1.10	120659	20	0.3	9	< 1	49	114
NVR14-6	15.10	17.00	1.90	120673 *	< 5	< 0.2	< 1	< 1	8	90
NVR14-6	**23.71**	**25.21**	**1.50**	**120660**	**79**	< 0.2	12	< 1	4	193
NVR14-6	**25.21**	**26.59**	**1.38**	**120661**	**99**	0.4	155	22	11	84
NVR14-6	26.59	28.09	1.50	120662	34	< 0.2	23	2	< 2	203
NVR14-6	28.09	29.59	1.50	120663	< 5	< 0.2	1	< 1	3	105
NVR14-6	**55.56**	**57.11**	**1.55**	**120664**	**116**	< 0.2	56	2	2	85
NVR14-6	57.11	58.61	1.50	120665	40	< 0.2	10	< 1	< 2	107
NVR14-6	58.61	60.11	1.50	120666	31	< 0.2	14	1	3	111
NVR14-6	60.11	61.13	1.02	120667	< 5	< 0.2	12	< 1	< 2	113
NVR14-6	61.13	61.82	0.69	120668	< 5	< 0.2	< 1	< 1	4	84
NVR14-6	61.82	63.32	1.50	120669	< 5	< 0.2	3	< 1	< 2	110
NVR14-6	63.32	64.63	1.31	120670	< 5	< 0.2	12	< 1	< 2	114
NVR14-6	64.63	65.14	0.51	120671	< 5	< 0.2	13	< 1	< 2	104
NVR14-6	65.14	66.64	1.50	120672	< 5	< 0.2	5	4	< 2	123
NVR14-6	66.64	68.00	1.36	120674	< 5	< 0.2	11	4	< 2	122
NVR14-6	68.00	69.50	1.50	120675	< 5	< 0.2	17	1	< 2	211
NVR14-6	69.50	70.87	1.37	120676	< 5	< 0.2	19	< 1	< 2	127
NVR14-6	70.87	72.68	1.81	120677	< 5	< 0.2	< 1	8	< 2	170
NVR14-6	72.68	74.00	1.32	120678	< 5	< 0.2	37	9	< 2	129
NVR14-6	74.00	75.48	1.48	120679	< 5	< 0.2	17	9	2	119
NVR14-6	75.48	76.17	0.69	120680	< 5	0.3	5	15	< 2	122

NVR14-6	76.17	77.67	1.50	120681	< 5	< 0.2	43	13	2	84
NVR14-6	77.67	79.17	1.50	120682	< 5	< 0.2	< 1	27	< 2	112
NVR14-6	79.17	80.89	1.72	120683	< 5	< 0.2	2	30	< 2	128
NVR14-6	80.89	82.49	1.60	120684	< 5	< 0.2	< 1	46	< 2	167
NVR14-6	82.49	84.00	1.51	120685	< 5	< 0.2	1	48	< 2	166
NVR14-6	84.00	85.50	1.50	120686	< 5	< 0.2	< 1	50	< 2	161
NVR14-6	85.50	87.00	1.50	120687	< 5	< 0.2	12	41	4	149
NVR14-6	87.00	88.00	1.00	120688	< 5	0.2	85	46	< 2	153
NVR14-6	88.00	89.00	1.00	120689	< 5	0.2	97	45	5	141
NVR14-6	89.00	90.50	1.50	120691	< 5	< 0.2	33	43	2	155
NVR14-6	90.50	92.00	1.50	120692	< 5	0.2	10	45	< 2	155
NVR14-6	92.00	93.50	1.50	120694	6	0.3	81	40	3	142
NVR14-6	93.50	95.00	1.50	120695	7	< 0.2	53	42	< 2	136
NVR14-6	95.00	96.50	1.50	120696	< 5	< 0.2	57	37	< 2	109
NVR14-6	96.50	98.00	1.50	120697	< 5	< 0.2	46	41	< 2	104
NVR14-6	98.00	99.50	1.50	120698	< 5	0.3	69	36	9	91
NVR14-6	99.50	101.00	1.50	120699	< 5	0.2	78	37	3	97
NVR14-6	101.00	102.00	1.00	120700	< 5	< 0.2	29	34	< 2	117
NVR14-6	102.00	103.00	1.00	120701	< 5	< 0.2	61	39	3	97
NVR14-6	103.00	104.00	1.00	120702	< 5	< 0.2	73	29	3	90
NVR14-6	104.00	105.50	1.50	120703	< 5	0.3	71	26	3	140
NVR14-6	105.50	106.70	1.20	120704	< 5	< 0.2	54	33	2	171
NVR14-6	106.70	107.05	0.35	120705	< 5	< 0.2	34	34	< 2	92
NVR14-6	107.05	108.85	1.80	120706	< 5	0.3	8	31	< 2	86
NVR14-6	108.85	110.21	1.36	120707	< 5	< 0.2	44	34	< 2	100
NVR14-6	110.21	111.71	1.50	120708	< 5	0.2	65	41	2	133
NVR14-6	111.71	113.00	1.29	120709	< 5	0.2	75	35	< 2	125
NVR14-6	113.00	114.50	1.50	120710	< 5	< 0.2	61	26	< 2	124
NVR14-6	114.50	116.00	1.50	120711	< 5	0.2	52	23	5	140
NVR14-6	116.00	116.45	0.45	120712	< 5	< 0.2	23	8	2	162
NVR14-6	116.45	117.75	1.30	120713	< 5	< 0.2	< 1	< 1	< 2	130
NVR14-6	117.75	119.00	1.25	120714	< 5	< 0.2	< 1	< 1	< 2	118
NVR14-6	**119.00**	**119.87**	**0.87**	**120715**	**111**	< 0.2	< 1	< 1	< 2	129
NVR14-6	119.87	120.50	0.63	120716	< 5	< 0.2	10	4	2	17
NVR14-6	120.50	122.00	1.50	120717	< 5	< 0.2	3	3	3	12
NVR14-6	122.00	123.50	1.50	120719	< 5	< 0.2	5	3	< 2	6
NVR14-6	123.50	125.00	1.50	120720	< 5	< 0.2	5	4	< 2	11
NVR14-6	125.00	126.50	1.50	120721	< 5	< 0.2	4	4	< 2	12
NVR14-6	126.50	128.00	1.50	120723	< 5	< 0.2	5	3	2	15
NVR14-6	128.00	129.50	1.50	120724	< 5	< 0.2	3	4	< 2	13
NVR14-6	129.50	131.00	1.50	120725	< 5	< 0.2	9	3	< 2	7
NVR14-6	131.00	132.50	1.50	120726	< 5	< 0.2	10	3	3	14

NVR14-6	132.50	134.00	1.50	120727	< 5	< 0.2	8	2	2	15
NVR14-6	134.00	135.45	1.45	120728	< 5	< 0.2	13	3	3	69
NVR14-6	135.45	137.00	1.55	120729	49	< 0.2	28	7	2	131
NVR14-6	137.00	138.50	1.50	120730	10	< 0.2	5	< 1	< 2	105
NVR14-6	138.50	140.00	1.50	120731	< 5	< 0.2	5	< 1	< 2	133
NVR14-6	140.00	141.50	1.50	120732	< 5	< 0.2	11	< 1	< 2	139
NVR14-6	141.50	143.00	1.50	120733	< 5	< 0.2	15	10	< 2	148
NVR14-6	143.00	144.50	1.50	120734	< 5	< 0.2	< 1	< 1	< 2	142
NVR14-6	144.50	145.30	0.80	120735	< 5	< 0.2	< 1	2	< 2	143
NVR14-6	145.30	146.70	1.40	120736	< 5	< 0.2	< 1	1	< 2	137
NVR14-6	146.70	148.13	1.43	120737	< 5	< 0.2	< 1	< 1	< 2	123
NVR14-6	148.13	149.18	1.05	120738	< 5	< 0.2	< 1	1	< 2	112
NVR14-6	169.03	170.53	1.50	120739	< 5	< 0.2	< 1	< 1	< 2	114
NVR14-6	170.53	171.53	1.00	120740	< 5	< 0.2	45	8	3	125
NVR14-6	171.53	173.00	1.47	120741	< 5	< 0.2	19	1	< 2	182
NVR14-6	173.00	174.50	1.50	120742	< 5	< 0.2	25	1	< 2	218
NVR14-6	**174.50**	**175.23**	**0.73**	**120743**	**122**	< 0.2	42	< 1	< 2	**224**
NVR14-6	175.23	176.73	1.50	120744	< 5	< 0.2	29	12	< 2	197
NVR14-6	176.73	178.12	1.39	120745	< 5	< 0.2	5	< 1	< 2	206
NVR14-6	178.12	179.79	1.67	120746	< 5	< 0.2	< 1	< 1	< 2	187
NVR14-6	179.79	181.39	1.60	120747	< 5	< 0.2	23	< 1	< 2	109
NVR14-6	181.39	182.89	1.50	120748	< 5	< 0.2	18	2	< 2	143
NVR14-6	182.89	184.34	1.45	120749	< 5	< 0.2	17	2	3	132
NVR14-6	184.34	185.45	1.11	120750	< 5	< 0.2	4	2	< 2	133
NVR14-6	185.45	187.00	1.55	120751	< 5	< 0.2	< 1	< 1	< 2	113
NVR14-6	187.00	188.50	1.50	120752	< 5	< 0.2	3	2	< 2	68
NVR14-6	188.50	190.00	1.50	120753	< 5	< 0.2	< 1	< 1	< 2	70
NVR14-6	190.00	191.50	1.50	120754	< 5	< 0.2	< 1	< 1	< 2	82
NVR14-6	191.50	192.08	0.58	120755	< 5	< 0.2	25	3	< 2	95
NVR14-6	192.08	193.08	1.00	120756	< 5	< 0.2	23	83	6	60
NVR14-6	193.08	194.10	1.02	120757	< 5	< 0.2	28	82	< 2	61
NVR14-6	194.10	195.50	1.40	120758	< 5	< 0.2	17	76	3	114
NVR14-6	195.50	197.00	1.50	120759	7	< 0.2	27	< 1	3	118
NVR14-6	197.00	198.02	1.02	120760	< 5	< 0.2	12	2	< 2	113
NVR14-6	**198.02**	**199.52**	**1.50**	**120761**	**74**	< 0.2	39	20	< 2	160
NVR14-6	199.52	201.02	1.50	120762	21	< 0.2	1	3	< 2	312
NVR14-6	201.02	202.20	1.18	120763	< 5	< 0.2	8	< 1	3	318
NVR14-6	202.20	202.84	0.64	120764	21	< 0.2	121	1	< 2	436
NVR14-6	202.84	204.00	1.16	120765	< 5	< 0.2	< 1	< 1	4	262



Hole_ID	From	To	Length	Sample_ID	Au_ppb	Ag_ppm	Cu_ppm	Ni_ppm	Pb_ppm	Zn_ppm
NVR14-6	23.71	25.21	1.50	120,660	79	0.1	12	0.5	4	193
NVR14-6	25.21	26.59	1.38	120,661	99	0.4	155	22	11	84
NVR14-6	55.56	57.11	1.55	120,664	116	0.1	56	2	2	85
NVR14-6	119.00	119.87	0.87	120,715	111	0.1	0.5	0.5	1	129
NVR14-6	174.50	175.23	0.73	120,743	122	0.1	42	0.5	1	224
NVR14-6	198.02	199.52	1.50	120,761	74	0.1	39	20	1	160
NVR14-7	69.50	71.00	1.50	120,793	92	0.1	4	3	1	14
NVR14-7	83.18	84.68	1.50	120,804	177	0.1	75	8	5	95

Figure 11 NVR14-6

HOLE NVR14-07

From November 8th to 9th of 2014, hole NVR14-07 was drilled on the Cat Key Property. The hole was drilled at grid location L53+25E & 20+15N at 190° @ -50° to test the alteration located in the Trench 3 / Shaft Trench (West) and Trench 4 gold values. A drill hole summary is located below and a detailed drill log is located in Appendix A.

Table 13a – NVR14-07 Drill Hole Summary

NuVision Resources ULC - Cat Key Property			
Drill Hole Summary:			**NVR14-7**
Grid Location:			L53+60E, 19+90N
UTM Location:			5212339E 5400275N (NAD83, Zone 15)
Direction:			Azm 190o @ -050o
End of Hole:			195.70m
Logged By:			Allen J. Raoul, PGeo.
Dates:			November 9 -12, 2014
From (m)	**To (m)**	**Interval (m)**	**Description**
0.00	4.00	4.00	Casing
3.76	46.95	43.19	Chlorite Gabbro/Diorite + tr-1% Py
			12.48-14.84: Silicified - Carbonatized Diorite + 1-2% Py
46.95	59.28	12.33	Sheared (Chlorite-Calcite Alt) Gabbro/Diorite + tr-1% Py
59.28	101.52	42.24	Silicified-Sericite Altered Dacite + tr-3% Py
			69.50-71.00 (1.50m) ran 92 ppb Au
			80.66-83.18: 50% QV in Silicified-Sericite Alt Dacite + 5% Py-Po+/-Aspy
			83.18-84.18 (1.50m) ran 0.18 gpt Au
			87.56-89.58: 44% QV in Silicified-Sericite Alt Dacite + >2% Py-Po-Cpy-Aspy
			87.56-89.58 (2.02m) ran 3.47 gpt Au and 1.05 gpt Ag
			91.75-93.14: Hematized Silicified Dacite + 1% Py-Po-Cpy
101.52	112.80	11.28	Chlorite-Calcite Altered Basaltic Tuff + Tr-1% Py
112.80	114.86	2.06	Chlorite Dacite + >1% Py +/- Po
114.86	118.13	3.27	Pyroclastic Chlorite Dacite with 5-30% Silica Dacite fragments + tr Py
118.13	121.14	3.01	Dacite Flow + 1-2% Py
121.14	129.85	8.71	Chlorite Dacite + 2-5% Py
129.85	135.86	6.01	Pyroclastic Chlorite Dacite with 5-30% Silica Dacite fragments + tr-2% Py
135.86	137.05	1.19	Chlorite Basalt
137.05	144.27	7.22	Pyroclastic Dacite + 5-10% Silica Dacite fragments + tr-2% Py-Po
144.27	146.13	1.86	Chlorite Basalt + tr Py
146.13	149.38	3.25	Chlorite Dacite Tuff + tr Py
149.38	154.38	5.00	Chlorite Basalt + rare Py (<0.25%)
154.38	159.43	5.05	Pyroclastic Chlorite Basalt + 5-20% Silica Dacite fragments + tr-1% Py
159.43	167.98	8.55	Pyroclastic Chlorite Dacite with 5-20% Silica Dacite fragments + tr-1% Py
167.98	175.12	7.14	Chlorite Basalt + tr Py
175.12	177.73	2.61	Andesite Crystal Tuff + 1-2% Py
177.73	178.95	1.22	Chlorite Dacite + tr Py
178.95	182.42	3.47	Pyroclastic Dacite Tuff with >20% Silica Dacite fragments + tr-2% Py
182.42	195.70	13.28	Chlorite Basalt + tr Py
			185.38-186.16: Pyroclastic Chlorite Basalt Tuff + rare Py
195.70			**End of Hole**

Hole NVR14-07 intersected several zones that were “Lithological Controlled Gold Zones” (LCGZ) within the 54-20 Zone; see hole NVR14-03 for detailed explanation of LCGZ. The results are strong gold bearing shoots within wide systems (over 30m) and can be traced along strike (over 100m). The most significant assays were:

1. A 1.50m zone (69.50-71.00m) yielded 92 ppb Au in silicified-sericite altered dacite with 3% py.

2. A 1.50m zone (83.18-84.68m) yielded 0.18 gpt Au in silicified-sericite altered dacite with 3% py

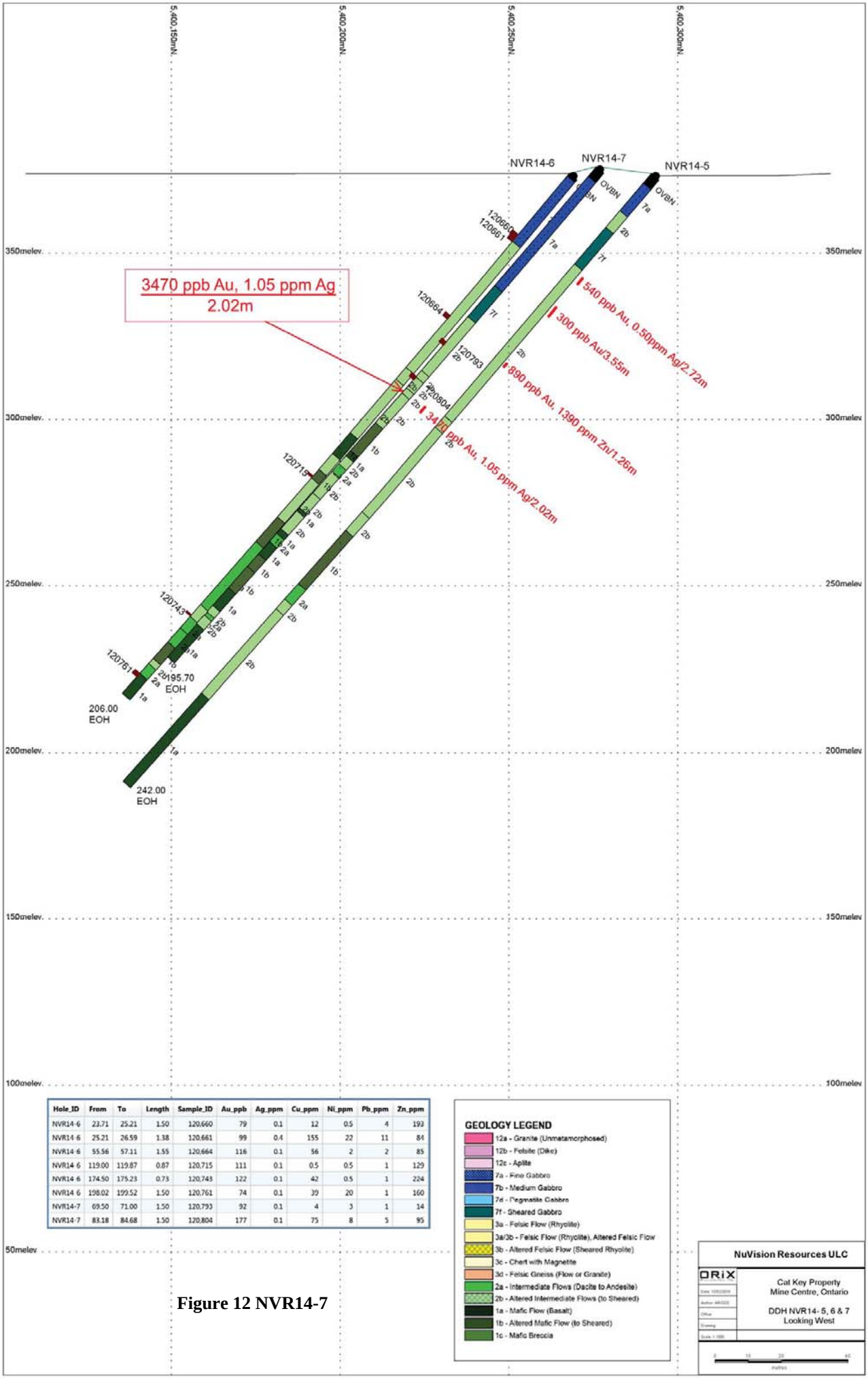
3. A **2.02m zone (87.56-89.58m) yielded 3.47 gpt Au and 1.05 gpt Ag** in 44% quartz veins hosted within silicified-sericite altered dacite with 2% py-po-cpy-aspy.

Table 13b – NVR14-07 Drill Hole Assays

Hole_ID	From	To	Length	Sample	Au ppb	Ag ppm	Cu ppm	Ni ppm	Pb ppm	Zn ppm
NVR-14-7	8.00	8.54	0.54	120766	30	< 0.2	< 1	< 1	< 2	128
NVR-14-7	11.00	12.48	1.48	120767	11	< 0.2	13	< 1	3	91
NVR-14-7	12.48	13.66	1.18	120769	< 5	< 0.2	40	46	9	58
NVR-14-7	13.66	14.84	1.18	120770	< 5	< 0.2	40	40	15	58
NVR-14-7	14.84	16.34	1.50	120771	< 5	< 0.2	5	2	5	115
NVR-14-7	16.34	17.84	1.50	120773	46	< 0.2	25	< 1	5	186
NVR-14-7	33.23	33.72	0.49	120774	< 5	< 0.2	< 1	< 1	< 2	136
NVR-14-7	36.53	37.01	0.48	120775	< 5	< 0.2	1	< 1	< 2	160
NVR-14-7	44.78	46.28	1.50	120776	< 5	< 0.2	< 1	2	< 2	124
NVR-14-7	46.28	46.95	0.67	120777	< 5	< 0.2	2	2	< 2	120
NVR-14-7	46.95	48.50	1.55	120778	< 5	< 0.2	11	< 1	< 2	108
NVR-14-7	48.50	50.00	1.50	120779	< 5	< 0.2	17	< 1	< 2	93
NVR-14-7	50.00	51.50	1.50	120780	< 5	< 0.2	13	3	3	140
NVR-14-7	51.50	53.00	1.50	120781	< 5	< 0.2	21	< 1	< 2	124
NVR-14-7	53.00	54.50	1.50	120782	< 5	< 0.2	12	2	< 2	83
NVR-14-7	54.50	56.00	1.50	120783	< 5	< 0.2	17	4	< 2	104
NVR-14-7	56.00	57.50	1.50	120784	10	< 0.2	3	2	< 2	114
NVR-14-7	57.50	59.28	1.78	120785	< 5	< 0.2	2	4	< 2	135
NVR-14-7	59.28	60.50	1.22	120786	< 5	< 0.2	14	5	< 2	27
NVR-14-7	60.50	62.00	1.50	120787	< 5	< 0.2	11	4	< 2	26
NVR-14-7	62.00	63.50	1.50	120788	< 5	< 0.2	13	4	< 2	21
NVR-14-7	63.50	65.00	1.50	120789	< 5	< 0.2	3	4	3	10
NVR-14-7	65.00	66.50	1.50	120790	< 5	< 0.2	2	4	< 2	11
NVR-14-7	66.50	68.00	1.50	120791	< 5	< 0.2	3	31	3	34

NVR-14-7	68.00	69.50	1.50	120792	38	< 0.2	22	3	13	35
NVR-14-7	**69.50**	**71.00**	**1.50**	**120793**	**92**	< 0.2	4	3	< 2	14
NVR-14-7	71.00	72.50	1.50	120794	7	< 0.2	10	5	< 2	15
NVR-14-7	72.50	74.00	1.50	120795	< 5	< 0.2	12	4	< 2	17
NVR-14-7	74.00	75.50	1.50	120796	< 5	< 0.2	2	3	< 2	13
NVR-14-7	75.50	77.00	1.50	120797	< 5	< 0.2	3	4	< 2	14
NVR-14-7	77.00	78.50	1.50	120798	< 5	< 0.2	< 1	4	< 2	14
NVR-14-7	78.50	80.00	1.50	120799	< 5	< 0.2	1	5	< 2	15
NVR-14-7	80.00	80.66	0.66	120800	5	< 0.2	15	4	4	24
NVR-14-7	80.66	81.92	1.26	120801	28	< 0.2	20	5	< 2	22
NVR-14-7	81.92	83.18	1.26	120802	57	< 0.2	22	3	< 2	16
NVR-14-7	**83.18**	**84.68**	**1.50**	**120804**	**177**	< 0.2	75	8	5	95
NVR-14-7	84.68	86.18	1.50	120805	9	< 0.2	45	3	2	69
NVR-14-7	86.18	87.56	1.38	120806	< 5	< 0.2	32	5	< 2	52
NVR-14-7	87.56	88.57	1.01	120807	6030	1.9	72	7	8	149
NVR-14-7	88.57	89.58	1.01	120808	913	0.2	74	9	4	22
average	**87.56**	**89.58**	**2.02**		**3470**	**1.05**				
NVR-14-7	89.58	90.67	1.09	120810	6	< 0.2	38	4	< 2	17
NVR-14-7	90.67	91.75	1.08	120811	< 5	< 0.2	2	4	< 2	15
NVR-14-7	91.75	93.14	1.39	120812	31	0.4	103	5	2	307
NVR-14-7	93.14	94.64	1.50	120813	6	< 0.2	14	3	< 2	28
NVR-14-7	94.64	96.14	1.50	120814	< 5	< 0.2	9	2	< 2	15
NVR-14-7	96.14	97.64	1.50	120815	< 5	< 0.2	11	1	< 2	23
NVR-14-7	97.64	99.14	1.50	120816	< 5	< 0.2	21	4	3	23
NVR-14-7	99.14	100.64	1.50	120817	< 5	< 0.2	11	3	< 2	19
NVR-14-7	100.64	101.52	0.88	120818	< 5	< 0.2	19	22	6	125
NVR-14-7	101.52	103.02	1.50	120819	< 5	< 0.2	27	< 1	< 2	119
NVR-14-7	103.02	104.52	1.50	120820	< 5	< 0.2	87	2	< 2	82
NVR-14-7	112.80	113.83	1.03	120821	< 5	< 0.2	13	< 1	< 2	151
NVR-14-7	113.83	114.86	1.03	120822	< 5	< 0.2	13	2	< 2	125
NVR-14-7	114.86	116.36	1.50	120823	< 5	< 0.2	2	1	< 2	127
NVR-14-7	116.36	117.50	1.14	120824	< 5	< 0.2	2	< 1	< 2	165
NVR-14-7	117.50	118.13	0.63	120825	< 5	< 0.2	4	< 1	2	194
NVR-14-7	118.13	119.63	1.50	120826	< 5	< 0.2	6	< 1	2	132
NVR-14-7	119.63	121.14	1.51	120827	< 5	< 0.2	4	< 1	2	107
NVR-14-7	121.14	122.64	1.50	120828	< 5	< 0.2	24	17	7	140
NVR-14-7	122.64	124.14	1.50	120829	5	0.4	65	22	15	121
NVR-14-7	124.14	125.64	1.50	120830	< 5	< 0.2	43	5	5	110
NVR-14-7	125.64	127.14	1.50	120831	< 5	< 0.2	2	< 1	3	122

NVR-14-7	127.14	128.64	1.50	120832	< 5	< 0.2	2	< 1	< 2	123
NVR-14-7	128.64	129.85	1.21	120833	< 5	< 0.2	14	50	4	102
NVR-14-7	129.85	131.35	1.50	120834	< 5	< 0.2	5	1	4	112
NVR-14-7	131.35	132.85	1.50	120835	< 5	< 0.2	< 1	2	< 2	109
NVR-14-7	132.85	134.35	1.50	120836	< 5	< 0.2	< 1	2	< 2	114
NVR-14-7	134.35	135.86	1.51	120837	< 5	0.2	28	4	4	88
NVR-14-7	135.86	137.05	1.19	120838	< 5	< 0.2	< 1	1	< 2	132
NVR-14-7	137.05	138.50	1.45	120840	< 5	< 0.2	< 1	2	< 2	130
NVR-14-7	138.50	140.00	1.50	120841	< 5	< 0.2	< 1	2	< 2	126
NVR-14-7	140.00	141.50	1.50	120842	< 5	< 0.2	41	1	< 2	133
NVR-14-7	141.50	143.00	1.50	120843	< 5	< 0.2	61	< 1	< 2	171
NVR-14-7	143.00	144.27	1.27	120845	< 5	0.2	< 1	1	< 2	143
NVR-14-7	144.27	145.77	1.50	120846	< 5	< 0.2	8	1	< 2	136
NVR-14-7	145.77	146.13	0.36	120847	< 5	< 0.2	11	2	2	118
NVR-14-7	146.13	147.63	1.50	120848	< 5	< 0.2	4	54	5	122
NVR-14-7	152.88	154.38	1.50	120849	< 5	< 0.2	< 1	< 1	< 2	99
NVR-14-7	154.38	155.88	1.50	120850	< 5	< 0.2	< 1	< 1	< 2	108
NVR-14-7	155.88	157.38	1.50	120851	< 5	< 0.2	10	< 1	< 2	120
NVR-14-7	157.38	158.88	1.50	120852	< 5	< 0.2	30	37	< 2	175
NVR-14-7	158.88	159.43	0.55	120853	< 5	< 0.2	< 1	< 1	< 2	241
NVR-14-7	159.43	160.93	1.50	120854	< 5	< 0.2	1	2	< 2	240
NVR-14-7	160.93	162.43	1.50	120855	< 5	< 0.2	3	< 1	< 2	281
NVR-14-7	162.43	163.93	1.50	120856	< 5	0.2	50	< 1	< 2	231
NVR-14-7	163.93	165.43	1.50	120857	10	0.4	147	1	< 2	270
NVR-14-7	165.43	166.93	1.50	120858	< 5	0.2	< 1	< 1	< 2	204
NVR-14-7	166.93	167.98	1.05	120859	< 5	< 0.2	2	1	< 2	160
NVR-14-7	167.98	169.48	1.50	120860	< 5	0.2	< 1	< 1	< 2	104
NVR-14-7	173.62	175.12	1.50	120861	< 5	< 0.2	17	2	4	80
NVR-14-7	175.12	176.43	1.31	120862	< 5	< 0.2	48	84	5	91
NVR-14-7	176.13	177.73	1.60	120863	< 5	< 0.2	39	80	8	80
NVR-14-7	177.73	178.95	1.22	120864	< 5	< 0.2	5	< 1	2	99
NVR-14-7	178.95	180.45	1.50	120865	< 5	< 0.2	3	< 1	< 2	126
NVR-14-7	180.45	181.50	1.05	120866	< 5	< 0.2	12	3	< 2	106
NVR-14-7	181.50	182.42	0.92	120867	< 5	< 0.2	17	< 1	< 2	131
NVR-14-7	182.42	183.92	1.50	120868	< 5	< 0.2	2	1	< 2	156



Hole_ID	From	To	Length	Sample_ID	Au_ppb	Ag_ppm	Cu_ppm	Ni_ppm	Pb_ppm	Zn_ppm
NVR14-6	23.71	25.21	1.50	120,660	79	0.1	12	0.5	4	193
NVR14-6	25.21	26.59	1.38	120,661	99	0.4	155	22	11	84
NVR14-6	55.56	57.11	1.55	120,664	116	0.1	56	2	2	85
NVR14-6	119.00	119.87	0.87	120,715	111	0.1	0.5	0.5	1	129
NVR14-6	174.50	175.23	0.73	120,743	122	0.1	42	0.5	1	224
NVR14-6	198.02	199.52	1.50	120,761	74	0.1	39	20	1	160
NVR14-7	69.50	71.00	1.50	120,793	92	0.1	4	3	1	14
NVR14-7	83.18	84.68	1.50	120,804	177	0.1	75	8	5	95

Figure 12 NVR14-7

12 - Assaying Procedure

A total of 888 samples were taken during this five week drill program and were sent to Actlabs Labs of Thunder Bay. Ontario. Gold assaying was completed using fire assay and a 31 element ICP (induced couple plasma) for Ag, Cu, Pb, Zn, etc. for all the trace metals.

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

Weakly Elevated Gold	>50 ppb Au	black bolded
Elevated Gold	>100 ppb Au	black bolded
Anomalous Gold	**>500 ppb Au**	black bolded
Elevated Silver	>2 ppm Ag	black bolded
Anomalous Silver	**>10 ppb Ag**	black 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**	black bolded

The following detection limits were used for each lab:

Table 14 – Assay detection limits for the two labs used for the Cat Key Property

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

13- Geophysics

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

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

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

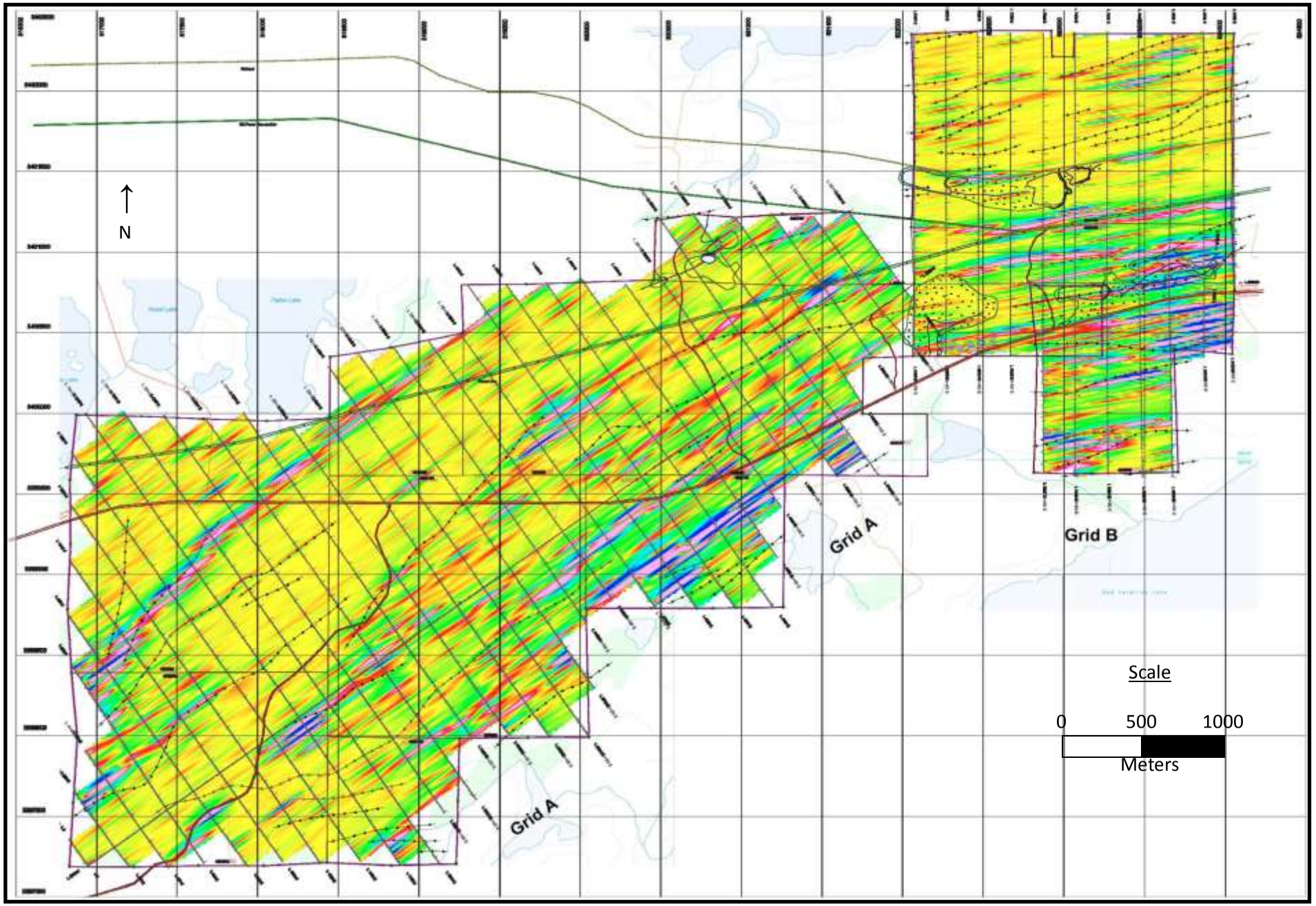


Figure 13: Total Magnetics (2nd Derivative) and VLF-EM anomalies on the Cat Key Grid (Simoneau, 2014)

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.

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

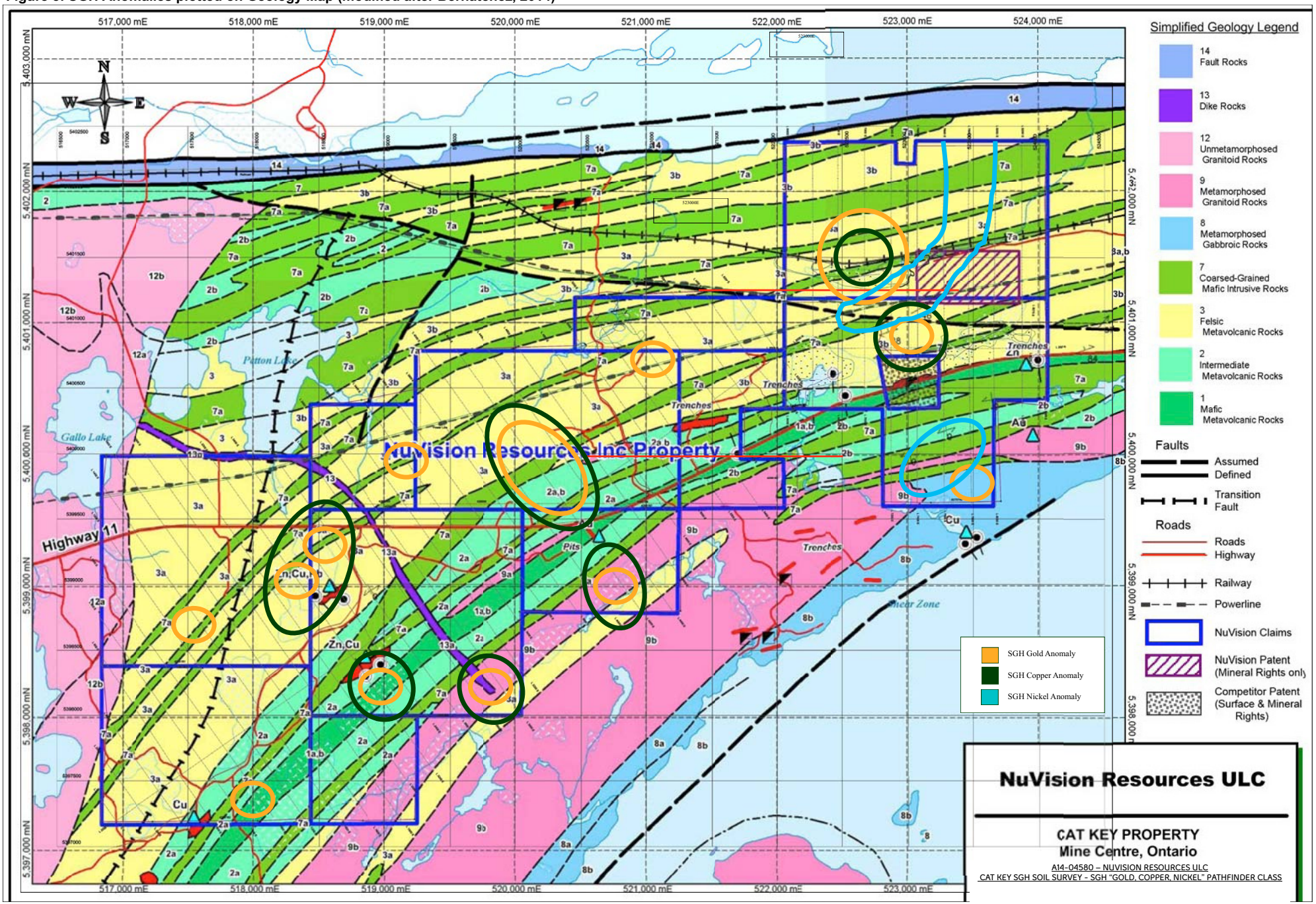
The geochemistry surveys have identified the following targets areas on the Cat Key Property:
1. Thirteen gold targets were located on the Cat Key Property.
2. Seven copper targets were located on the Cat Key Property.
3. Two nickel targets were located on the Cat Key Property
4. Targets 1, 2 & 3 were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

The following anomalies were located during the initial SGH survey.

Table 15: Soil Gas Hydrocarbon anomalies on the Cat Key Grid

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

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



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 2014 geological mapping report, 2014 geophysical (Mag-VLF-EM) report, 2014 geochemistry (SGH), 2014 Stripping Report and 2015 Drilling Report, this author thinks that many of the criteria can be met at the NuVision Resources ULC's Cat Key Property.

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

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

- The property is composed of sixteen mining claims (135 units), 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 mapping, several areas of altered and sheared contacts between lithological units in the Mine Centre area appear to host known gold mineralization. These lithologically contrasting units are generally less resistant to deformation and are generally more susceptible to shearing and alteration. Such lithology, when subjected to shearing, provides favourable passage ways for mineralizing hydrothermal gold bearing fluids, which was emplaced after the stratabound copper-zinc base metal mineralization. Both styles of mineralization are present on NuVision's Cat Key property.

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

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

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

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

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

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

- In September 6 to October 14 of 2014, the stripping program was performed on six target areas, or eight stripped sections, on the Cat Key Property. The targets areas were:
  A. **Port Arthur Copper 2** (L72+50E) - A silica (5-50%) alteration zone was located in the altered felsic flows and tuffs with three weakly elevated (53–95 ppb Au) assays were detected.
  B. **T-Trench** (L54E East Trench / 5420 Zone) – Three signifcant assays were located in altered felsic flows: anomalous 0.75 gpt Au over 1.45m and two weakly elevated (39-75 ppb Au) assays were detected.
  C. **Shaft Trench** (L54E West Trench / 5420 Zone) – One signifcant assays was located in altered felsic flows with **8.20 gpt Au and 6.4 gpt Ag over 1.49m**. Seven signifcant assays was located in gabbro or sheared gabbro with **1.22 gpt Au over 1.49m** and **1.86 gpt Au over 1.57m** and five weakly to elevated (50-270 ppb Au) assays were also detected
  D. **Bush Rat Trench** (L60E) – Four signifcant assays were located in altered felsic flows; this averaged 0.216 gpt Au over 6.55m.
  E. **Thompson Porphyry** (L38+50E) – Four areas were located for testing:
     i) Thompson Zone West – a 6.36m channel taken but no elevated gold values (over 0.1 gpt Au) in the carbonate-quartz altered basalt +/- porphyry zone.
     ii) Thompson Zone East – a 11.30m channel taken in the carbonate-quartz altered basalt +/- porphyry zone. One anomalous value of **1.09 gpt Au over 1.64m** and two elevated values (113-142 ppb Au) and two weakly elevated (57-66 ppb Au).
     iii) Thompson Zone South – a 7.18m channel taken in the chlorite-calcite altered basalt +/- quartz veins with tr-1% py. Two anomalous values of **0.88 gpt Au over 0.90m** and **0.56 gpt Au over 1.63m**.
     iv) Thompson Zone Perpendicular - a 21.43m channel taken in the carbonate-quartz altered basalt +/- felsic porphyry zone with two weakly elevated values (66-89 ppb Au).
  F. **Quartz Zone** (L35E) – 8m channel taken but only weak base metal assays (0.02% Cu) were achieved.
  G. **Gabbro Zone** (L22E) – sporadic unit testing over 70m of layered gabbro however, no significant Cu-Ni (over 500 ppb Au) or PGE's (over 100 ppb) has been detected to date.

- During the 2014 drilling program, the following highlights were located:

Table 16: Drill Results Summary on the Cat Key Property

Hole Number	From m	To m	Interval m	Rock Type	Sample Number	Au gpt	Ag ppm	Cu ppm	Ni ppm	Zn %	Pt ppb	Pd ppb
NVR14-1	**49.70**	**53.68**	**3.98**	**Chl. Bst. + 20% Sph-Py-Cpy**	**120024-120026**	0.01	**0.6**	**588**	1	**2.02**	na	na
NVR14-1	53.68	65.00	11.32	Chl. Bst. + 5% Sph-Py-Cpy	120027-120034	0.01	0.6	414	1	0.53	na	na
NVR14-2	21.40	31.22	9.82	Shear Gabbro	120166-120172	0.005	5.0	25	541	0.01	49	15
NVR14-2	129.70	130.77	1.07	Silc Dacite	120200	0.12	0.7	339	< 1	>1.00	na	na
NVR14-3	**72.30**	**80.00**	**7.70**	**10-30% QV in Felsic Porphyry**	**120332-120336**	**0.85**	**0.40**	2	1	<0.01	na	na
NVR14-3	**98.00**	**101.00**	**3.00**	**Qtz Flooded Basalt +1% py**	**120350-120351**	**1.22**	**0.7**	50	42	0.01	na	na
NVR14-5	37.22	39.94	2.72	Silc-Chl Dacite + <5% Py	120554-120556	0.54	0.5	92	1	0.01	na	na
NVR14-5	49.28	52.83	3.55	Silica Alt Dacite + >5% Py-Po-Aspy	120558-120560	0.30	0.2	58	21	0.02	na	na
NVR14-5	71.40	72.66	1.26	QCV-Py in Chl Dacite	120886 & 120565	0.89	0.3	46	1	0.14	na	na
NVR14-6	119.00	119.87	0.87	Chl-Carb Alt Basalt + >1% Py	120715	0.11	< 0.2	< 1	< 1	0.01	na	na
NVR14-6	174.50	175.23	0.73	Chl Dacite Volc + 1% Py	120743	0.12	< 0.2	42	< 1	0.02	na	na
NVR-14-7	**87.56**	**89.58**	**2.02**	**QV-Silc Dacite + <2% Py-Po**	**120807-120808**	**3.47**	**1.05**	73	8	<0.01	na	na

Based upon these drill results, the following conclusions can be drawn:

1. The B-field Anomaly, intersected by NVR14-1, is representative of a Volcanic Massive Sulphide environment with Massive Sulphides, Stringer Sulphides and an Exhalative cover. Anomalous Zn with elevated Cu-Zn were detected however, this target is only part of a much larger mineralized area, as seen by the red and yellow projections of the B-field anomaly.

2. The SGH Cu-Au Anomaly, intersected by NVR14-2, is representative of a large hydrothermal target, with a broad silicification (100m wide), at the location of the SGH Anomaly (at L26+00N and 18+10N).

3. The presence of Gabbro units, intersected by NVR14-2, is representative of (layered) mafic intrusion with elevated Ni – PGM mineralization. This is just 1 of over 10 units of mafic units on the property.

4. The presence of gold mineralization with the Thompson Porphyry (and Thompson Zone), intersected by NVR14-3 and NVR14-4, which had been mapped over 80m wide and 1600m along strike, represents a large target for gold deposition.

5. The presence of gold mineralization with the 54-20 Zone, intersected by NVR14-5, NVR14-6 and NVR14-7, which had been mapped over 30m wide and >100m along strike, represents a large target for gold deposition. It was stripped 180m across strike however, gold was limited to the southern portion of this alteration zone.

6. Between the Thompson Zone and the 54-20 Zone, a 300m to 400m wide section of stratigraphy is represented with elevated to highly anomalous gold and silver values. Much of the area between these two zones have significant cover (over 3m-6m), as spruce or cedar swamp and/or overburden or sand-plain.

16 - Recommendations

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

Phase II geophysical (IP) program

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

Phase II drilling program

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

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

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

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

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

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17 - References

Balint, Frank, 1987, Drill Logs for Holes numbered SR-02, SR-03, SR-04, BR-01
MNDM File # 52C10NE0042.

Balint, Frank, 1987, "Diamond Drill Logs for Holes numbered ML-02, ML-03, SR-01, HS-01, HS-02, HS-03 and HS-04.
MNDM File # 52C10NW1005.

Balint, Frank, 1987, Diamond Drill Logs from Holes Numbered ML-06, ML-07, HS-05, HS-06, HS-07 and HS-08 for Minnova Inc.
MNDM File # 52C15SE0008

Bernatchez, R.A. P. Eng., 1983, Proton Magnetometer and Max-Min II EM Surveys of the Patton-Barber Lake Property, Mine Centre Area, for Steep Rock Resources Inc.
MNDM File # 52L15SE8272.

Bernatchez, R.A. P. Eng., 2014. NI 43-101 Independent Technical Report of Merit On The Cat Key Property *for* NuVision Resources ULC.

Bolen, Jack, 1988, "Magnetic and Electromagnetic Geophysical Survey of the Bolen-Thompson Property.
MNDM File # 52C10NE0017.

Bolen, Jack, 1990, Diamond Drill Logs for Holes numbered BMc90-6, BMc90-6A, BMc90-7 and BMc90-8.
MNDM File # 52C15SE0004.

Brown, P.A.R., 1972, Report on the Mechanical Stripping and sampling for Ed-Vic Explorations Ltd.
MNDM File # 52C10NE0088.

Brown, P.A.P., 1981. A report on the mineralization at the Olive Mine.
MNDM File # 52C15SE0024

Flanagan, Mike, 1987, Summary Report of Drilling by Minova Inc, Barber Lake Area.

Flanagan, Mike, 1988, Summary Report of Drilling by Minova Inc., Barber Lake Area.

Flanagan, Mike, 1988, Summary Report of the 1988 Drilling, Minova Inc, Gravel Pit Zone, Barber Lake Zone and 2-4 D Zone Barber Lake Area, Mine Centre Property.

Graham, R.T. P. Eng. 1983, "Report on the Gold Exploration Potential of the Homestake Explorations Limited, Olive Property, Mine Centre, ON.
MNDM File # 52C15SE0011.

Hupchuk, Mike, 1969, Diamond Drill Logs for Hole # 59, # 60 and # 61.
MNDM File # 52C10NE0497.

Irving, J.L., 1983, Report on the Airborne Geophysical Survey of the Olive Property, Fort Frances, ON for Homestake Explorations Limited, by Kenting Earth Sciences Limited, Ottawa, Project No. 83041.
MNDM File # 52C15SE0017

Johnson, R.H., 1969, for Noranda Explorations Co. Ltd “Diamond Drill logs for Holes numbered 1-69, 1- 70, and 44A-2-70,
MNDM File # 52C10NE0099.

Krauskopf, Konrad B. 1967, Professor of Geochemistry, Stanford University, “Introduction to Geochemistry, McGraw-Hill Book Company.

Ludwig, Edward, H.BSc, Tech. 1987, Report on the Economic and Geological Evaluation of the Olive Mine: Dewatering and Sampling Program for Noront Resources Ltd.,
MNDM File # 52C15SE0014.

McLeod, H.D., 1956, Report on the Magnetic survey and Geology of the Young Group For Stratmat Ltd,
MNDM File # 52C10NW8306.

McWilliams, G.M., 1996, Ontario Geological Survey, Open File Report 5979, Operation Ignace-Armstrong-Mine Centre-Entwine Lake Area. Geology of Area IV.

Middaugh, R.D., 1983, Report on the Proton Magnetic and VLF Electromagnetic Survey, Mine Centre, ON, by Phantom Exploration Services for Steep Rock Resources Inc.
MNDM File # 52C15SE0018.

Orta, Marta, 2008, Report on a Helicopter-Borne Versatile Time Domain Electromagnetic (VTEM) Geophysical Survey by Geotech for Sedex Mining Corp.
MNDM File # 20004920.

Ontario Geological Survey, 2009, Geophysical Airborne Survey Maps # 82 460 to 82 467
Page, Charles, E, 1983, Geological, Geophysical Geochemical Report on the Mine Centre Area Claims, Fort Frances Area, Kenora Mining Division, ON.
MNDM File # 52C15SE0022

Poulsen, K.H., 1980, 1981, Geology Map of the Mine Centre-Fort Frances Area, Map # 2525

Poulsen, K.H. 1984, Ontario Geological Survey, Open File Report 5512, “The Geological Setting of Mineralization in the Mine Centre-Fort Frances Area, District of Rainy River: 126 p., 5 tables, 30 figures and 1 map in back pocket.”. NuVision Resources ULC Cat Key Project, Mine Centre, Ontario 54p

Poulsen, K.H., 2000, Ontario Geological Survey, Mineral Deposits Circular 29, "Geological Setting of Mineralization in the Mine Centre-Fort Frances Area"

Raoul, A., 2015. Geochemical Summary Report on the Cat Key Property *for* NuVision Resources ULC.

Raoul, A., 2015. Geological Mapping Report on the Cat Key Property: A Grid and B Grid *for* NuVision Resources ULC.

Raoul, A., 2015. Geophysical Summary Report on the Cat Key Property *for* NuVision Resources ULC.

Raoul, A., 2015. Mechanical Stripping Report on the Cat Key Property *for* NuVision Resources ULC.

Simoneau, P., 2014. Magnetometric and Electromagnetic-VLF surveys on the Cat Key Property by GeoSig Inc. *for* NuVision Resources ULC.

Sutherland, D., 2014. 3-D SGH "A SPATIOTEMPORAL GEOCHEMICAL HYDROCARBON INTERPRETATION" NUVISION RESOURCES ULC, CAT KEY SGH SOIL SURVEY, Report A14-04580.

Sutherland, D., 2014. 3-D SGH "A SPATIOTEMPORAL GEOCHEMICAL HYDROCARBON INTERPRETATION" NUVISION RESOURCES ULC, CAT KEY SGH SOIL SURVEY, Report A14-05889.

Tanton, T.L. 1934, Geology Map of the Mine Centre Area, Map # 334A. 1" = ½ Mile
Timms, Andrew, P. Geol. 2009, Assessment Report Covering the 2009 Overburden Stripping Program on the Mine Centre (Thompson) Gold Occurrence.
MNDM File # 20006272

Thompson, Larry, 1990, Diamond Drill Logs for Holes Numbered BM90-9 BM90-10, MB90-11 and BM90-12 on Bolen-Thompson Property.
MNDM File # 52C15SE0005.

Timms, Andrew, P. Geol. 2009, Assessment Report Covering the 2009 Overburden Stripping Program on the Mine Centre (Thompson) Gold Occurrence.
MNDM File # 20006272

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...
   657 Second Street
   Fort Frances, Ontario
   P9A 1N6
   807-274-7917

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

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

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

5) I have practiced my profession since 1990.

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

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

Permission is granted to NuVision Resources Inc. to use this report dated February 27, 2015 for optioning, corporate and assessment purposes.

Allen J. Raoul, PGeo #1925 Ltd.

Appendices

Appendix A – 2014 drill core logs

Appendix B – Certified assay sheets

Appendix C – Large Map at 1:10,000

Appendix A :
2014 Drill Core Log

NuVision Resources ULC - Cat Key Property										
Drill Hole Summary:			**NVR14-1**	End of Hole:		494.0 m				
Grid Location:			L24E, 21+00N	Logged By:		Allen J. Raoul, PGeo.				
UTM Location:			518858E 5398656N (NAD 83, Zone 15)	Date:		October 17 - 23, 2014				
Direction:			Azm 325o @ -050o	Other:						
From (m)	**To (m)**	**Interval (m)**	**Description**	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Ni (ppm)**	**Pb (ppm)**	**Zn (ppm)**
0.00	**6.00**	**6.00**	**Casing**						
6.00	**8.37**	**2.37**	**Andesite**						
			Medium grained, dark grey, weakly foliated, andesite with >5% biotite-chlorite altered, 10% plagioclase phenocrysts and 1-2% grey quartz eyes. fractures at 020^{o} to the core axis (TCA).						
8.37	**20.84**	**12.47**	**Sheared and altered Basalt with tr-1% Py.**						
			Fine to medium grained, black with weak shearing/foliation at 30-45o TCA with 5% calcite filling. Contains >10-20% biotite-chlorite altered veinlets and up to 1 cm of 50% calcite along shears, rare epidote pods upto 0.5 cm and trace Py (<0.5%). After 14 m, increasing in disseminated sulphides but very locallized (<10 cm) with up to 2% Py.						
	11.95	12.15	10-20% Silica altered basalt with tr-1% py						
			Fine to medium grained, grey, bleached zone of calcite bearing basalt and >10-20% silica altered						
	17.91	18.15	10-20% Silica altered basalt with 2-3% py						
			Fine to medium grained, grey, bleached zone of calcite bearing basalt with >10-20% silica altered + 2 cm quartz vein at 45o TCA + 2-3% py						
20.84	**69.34**	**48.50**	**Chlorite altered Basaltic Tuff (CABT) with tr - 5% Py with stringers zones of up to 30% Py-Sph-Cpy**						
			Fine grained, dark green, weakly foliated (045o), >10% chlorite altered Basalt with trace Py						
			#12001- 20.84-21.33 (0.49) - Chlorite Basalt + trace py Fine grained, dark green, weakly foliated (045o), >10% chlorite altered basalt with trace Py	15	< 0.2	28	< 1	< 2	**382**
	21.33	22.95	Chlorite Basalt + 3-5% Py-Sph-Stringer						
			Same as above with 2-5% calcite altered (pervasive) and 2-3% calcite veins @ 45^{o}; 10 cm zones with 5% calcite filled amygdules. Has 0.1-0.3 cm veinlets/stringers of 50% py + 1-2% sph + 1% cpy in chlorite Basalt						

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			#120002- 21.33-22.95 (1.62) - Chlorite Basalt + 3-5% Py-Sph-Cpy Same as above with 2-5% calcite altered (pervasive) and 2-3% calcite veins @ 45o; 10 cm zones with 5% calcite filled amygdules. Has 0.1-0.3 cm veinlets/stringers with 3-5% py - sph - cpy in Chlorite Basalt	12	0.4	**483**	3	< 2	**622**
	22.95	27.20	Chlorite Basalt (Tuff)						
			Fine grained, dark green, weakly foliated (045o), >10% chlorite altered basalt with trace-0.5% py as disseminated + rare stringers						
			#120003- 22.95-24.45 (1.50) : Chlorite Basalt + 0.5% Py	17	**1.2**	**450**	1	68	**1490**
			#120004- 24.45-25.95 (1.50): Chlorite Basalt + 0.5% Py	< 5	0.2	3	< 1	< 2	**856**
			#120005- 25.95-27.20 (1.25) : Chlorite Basalt + 0.5% Py	< 5	0.4	9	< 1	33	**693**
	27.20	30.00	Chlorite Basalt (Tuff) + 2-5% Py-Cpy-Sph						
			Similar to 21.33-22.95. Chlorite Basalt with 2-5% carbonate altered + > 3% calcite amygdules and 1% calcite veins with 2-5% py + cpy-sph stringers. Locally up to 10% py-cpy-sph over 15 cm as stringers and disseminated.						
			#120006- 27.20-28.60- Chlorite Basalt + 2-5% py-cpy-sph	< 5	0.2	**219**	< 1	< 2	**2280**
			#120007- 28.60-30.00- Chlorite Basalt + 2-5% py-cpy-sph	54	**1.4**	**1220**	2	< 2	**4410**
	30.00	33.75	Chlorite Basalt (Tuff) + 1-4% Po-Py						
			Fine grained, dark green, weakly foliated (045o), >10% chlorite altered basalt with 1-4% Py-Po as disseminated and stringer mineralization. Weakly magnetic.						
			#120008- 30.00-31.50 (1.50) - Chlorite Basalt + trace to 1% py	8	0.4	**360**	< 1	4	**740**
			#120009- 31.50-32.50 (1.00) - Chlorite Basalt + 1-4% po-py	< 5	< 0.2	113	< 1	4	**518**
			#120010- 32.50-33.75 (1.25) - Chlorite Basalt + 1-2% po-py	< 5	0.2	**250**	< 1	4	**408**
	33.75	37.48	Chlorite Basalt Tuff						
			Fine grained, green, Chlorite Basalt (tuff) with 5-10% chlorite +/- biotite altered at 45o TCA. Approximately 1-3% calcite altered (pervassive). Small bands (<10 cm) of 20-50% calcite altered as mini-shears.						
			#120011- 33.75-35.25 (1.50) - Chlorite Basalt + trace-1% po-py	< 5	< 0.2	148	< 1	< 2	**445**
			#120012- 35.25-36.75 (1.50) - Chlorite Basalt + trace-1% po-py	< 5	< 0.2	75	< 1	< 2	**581**
			#120013- 36.75-37.48 (0.73) - Chlorite Basalt + trace-1% po-py	< 5	< 0.2	8	< 1	< 2	**485**
	37.48	39.20	Chlorite Basalt Tuff + 3% po-py-sph						
			Similar to 33.75-37.48 but 1-3% po-py +/- sph as stringers with a 5-10 cm zone of 10% po-py-sph						
			#120014- 37.48-39.20 (1.72) - Chlorite Basalt Tuff + 3% po-py-sph	< 5	< 0.2	180	< 1	< 2	**437**
	39.20	39.76	Chlorite Basalt Tuff + trace py						
			Fine grained, dark green, weakly foliated (045o), <5% calcite altered + trace-1% py-po. Weak foliation at 45o TCA.						

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			#120015- 39.20-39.76 (0.56) : Chlorite Basalt Tuff + trace py	< 5	< 0.2	68	2	6	**442**
	39.76	40.10	Chlorite Basalt Tuff + 5% po-py-sph						
			Highly carbonate altered (approximately 20%) chlorite altered basalt + several 5-10 cm stringers with upto 10% py-po-sph +/- cpy						
			#120016- 39.76-40.10 (0.34) : Chlorite Basalt Tuff + 5% po-py-sph	< 5	0.3	**349**	< 1	< 2	**464**
	40.10	41.79	Chlorite Basalt Tuff + trace-1% py-po						
			Fine grained, dark green, weakly foliated (045o), <5% calcite altered + trace-1% py-po. Weak foliation at 45o TCA.						
			#120017- 40.10-41.79 (0.69) : Chlorite Basalt Tuff + trace-1% py-po	< 5	< 0.2	49	< 1	< 2	**360**
	41.79	45.00	Chlorite Basalt Tuff + >5% py-sph-cpy						
			Fine grained, green, Chlorite Basalt tuff at foliation 45o TCA + 3-5% calcite amygdules. Patches (<1 cm) of 20% biotite-chlorite-calcite. Stringers (<10 cm) of 10-20% py-cpy-sph @ 45o TCA.						
			#120018- 41.79-42.79 (1.0) : Chlorite Basalt Tuff + >5% py-sph-cpy	< 5	< 0.2	124	< 1	10	**293**
			#120019- 42.79-43.79 (1.0) : Chlorite Basalt Tuff + >5% py-sph-cpy	< 5	0.2	163	< 1	23	**301**
			#120020- 43.79-45.00 (1.21) : Chlorite Basalt Tuff + >5% py-sph-cpy	< 5	0.2	139	1	45	**375**
	45.00	49.70	Chlorite Basalt Tuff + trace-2% py-po						
			Fine grained , green, >5-10% chlorite-biotite with tr-2% po+py as disseminated grains.						
			#120021- 45.00-46.50 (1.50) : Chlorite Basalt Tuff + trace-2% py-po	< 5	0.3	104	< 1	**214**	**331**
			#120022- 46.50-48.00 (1.50) : Chlorite Basalt Tuff + trace-2% py-po	< 5	0.2	110	< 1	24	**526**
			#120023- 48.00-49.70 (1.10) : Chlorite Basalt Tuff + trace-2% py-po	11	0.6	**493**	< 1	13	**506**
	49.70	51.20	Chlorite Basalt Tuff + 6-7% sph-py-cpy						
			Fine grained, green, 20% chlorite-biotite basalt tuff @ 45o TCA + approximately 45 cm of 20% stringers sph-py-cpy						
			#120024- 49.70-51.20 (1.50) - Chlorite Basalt Tuff + 6-7% sph-py-cpy	10	0.4	**352**	1	12	**27,100**
	51.20	52.78	Chlorite Basalt Tuff + 1-3% py						
			Fine grained, green, 20% chlorite-biotite basalt @ 45o TCA. Trace-2% py in sections plus small 0.2 mm stringers of py +/- sph						
			#1200025- 51.20-52.78 (1.58) : Chlorite Basalt Tuff + 1-3% py	8	0.5	**465**	< 1	12	**7510**
	52.78	53.68	Chlorite Basalt Tuff + 12-15% sph-py-cpy						
			Fine grained, green, 20% chlorite-biotite basalt tuff @ 45o TCA + 45 cm zone of 20-30% sph, >10% py + 1% cpy (over 50% sulphides)						
			#120026- 52.78-53.68 (0.90) : Chlorite Basalt Tuff + 12-15% sph-py-cpy	14	0.9	**948**	< 1	< 2	**31,000**
	52.78	55.75	Chlorite Basalt Tuff + trace-2% py						
			Fine grained, dark green, weakly foliated (045o), >10% chlorite altered basalt. Trace-2% py disseminated and rare py-sph stringers (<2 mm)						
			120027- 53.68-54.78 (1.10) : Chlorite Basalt Tuff + trace-2% py	< 5	0.3	**286**	< 1	< 2	**695**

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			120028- 54.78-55.75 (0.97) : Chlorite Basalt Tuff + trace-2% py	< 5	0.4	**328**	2	4	**853**
	55.75	65.00	Chlorite Basalt Tuff + 3-5% Py-Sph-Cpy Stringers						
			Fine grained, green, weakly foliated (045o), >10% chlorite-biotite altered basalt and 3-5% calcite filled amygdules. Has 1-10 cm stringers of 20-30% sph-py + disseminated py-cpy						
			#120029- 55.75-57.25 (1.50) : Chlorite Basalt Tuff + 3-5% Py-Sph-Cpy Stringers	9	**1.1**	**577**	< 1	168	**1700**
			#120030- 57.25-58.75 (1.50) : Chlorite Basalt Tuff + 3-5% Py-Sph-Cpy Stringers	7	0.3	**237**	< 1	68	**3400**
			#120031- 58.75-60.25 (1.50) : Chlorite Basalt Tuff + 3-5% Py-Sph-Cpy Stringers	20	0.6	**443**	< 1	113	**5550**
			#120032- 60.25-61.75 (1.50) : Chlorite Basalt Tuff + 3-5% Py-Sph-Cpy Stringers with 20cm mafic dike + 3% py-sph stringers	14	**1.3**	**267**	3	989	**7860**
			#120033- 61.75-63.25 (1.50) : Chlorite Basalt Tuff + 3-5% Py-Sph-Cpy Stringers	< 5	0.5	**286**	< 1	10	**7120**
			#120034- 63.25-65.00 (1.75) : Chlorite Basalt Tuff + 3-5% Py-Sph-Cpy Stringers	< 5	0.3	**299**	1	2	**2600**
	65.00	69.34	Chlorite Basalt Tuff + trace-1% py						
			Fine grained, green, Chlorite Basalt tuff with 2% calcite + 10% chlorite altered + tr-1% py						
			#120035- 65.00-66.50 (1.50) : Chlorite Basalt Tuff + trace-1% py	< 5	< 0.2	68	3	< 2	**299**
			#120036- 66.50-68.00 (1.50) : Chlorite Basalt Tuff + trace-1% py	18	**1.1**	118	< 1	3	**279**
			#120037- 68.00-69.34 (1.34) : Chlorite Basalt Tuff + trace-1% py	12	< 0.2	12	58	< 2	106
69.34	**82.83**	**13.49**	**Gabbro**						
			Fine to medium grained, grey, massive gabbro with 10% hornblende phenocrysts, non-magnetic and no carbonate alteration						
	80.65	81.93	Sheared Chlorite-Biotite-Graphite Schist						
			"Fragment" in gabbro of fine-grained, black, highly sheared, chlorite-biotite altered mafic unit (gabbro or Basalt) with 1-5% graphite along shear planes and 1-3cm calcite veins, parallel to shearing.						
82.83	**84.60**	**1.77**	**Sheared Chlorite-biotite Schist**						
			Fine grained, black, highly sheared, chlorite - biotite altered basalt with moderate-strong shearing @ 030^{o} TCA. Shear has 5-10% calcite altered, 1-2% coarse py and is weakly magnetic. Last 20cm is fault breccia (rubble).						
84.60	**103.34**	**18.74**	**Chlorite Basalt (Flow)**						

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			Fine grained, dark green,Basaltic flow with trace-1% disseminated py or as rare stringers (<0.5%). Several carbonate zones (10-20%) up to 5-10 cm @ 045^{o} TCA						
	86.81	86.85	Chlorite Basalt (Flow)						
			Fine grained, dark green, chloritic basaltic flow with 5% py stringers with foliation @ 045o						
			At 97.00 - 1 cm Quartz-carbonate Vein (QCV) @ 030o TCA						
			At 98.71- 1 to 2 cm quartz vein (QV) @ 030^{o} TCA						
			At 100.18 - 0.2 mm stringers of Py @ 015^{o} TCA						
			At 101.55 - 2 cm quartz-chlorite vein @ 030^{o} TCA						
103.34	**106.26**	**2.92**	**Chlorite Felsic Flow (Dacite)**						
			Fine to medium grained, greenish to green-grey, massive, felsic to intermediate (dacite-andesite) with 3-5% blue quartz eyes, >5% chlorite in matrix and weakly magnetic. There are 1-2% calcite veinlets (<.5 cm) at 030-045^{o} TCA.						
			At 106.45m, trace-0.5% fine py filled fractures and 1 cm QV						
116.26	**119.00**	**2.74**	**Felsic Flow (rhyolite)**						
			Medium grained, grey, feldspathic flow (>70%) with 5% hornblende laths and trace-2% fine-medium py cubes						
119.00	**122.90**	**3.90**	**Chlorite Flesic Flow / Dacite**						
			Fine to medium grained, greenish to green-grey, massive, felsic to intermediate (dacite-andesite) with 3-5% blue quartz eyes, >5% chlorite in matrix and weakly magnetic. There are 1-3% calcite veinlets (1-2 mm) at 060-090^{o} TCA.						
122.90	**133.95**	**11.05**	**Andesite to Basalt Flow**						
			Medium grained, grey-green, massive flow of intermediate to mafic composition with 5% chlorite altered. 2-3% calcite veinlets (<0.3 mm) at 030-045o TCA. 1-2% qtz veins (>0.3 cm) @ 045-070o TCA. Rare (<0.5%) py filled fractures at 030-045o						
			At 126.51- 2 cm QV @ 090^{o} TCA						
			At 131.72- 1 cm QCV @ 070^{o} TCA						
			At 131.93- 1.5 cm QCV @ 070^{o} TCA						

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			#120038- 128.30-129.40 (1.10 m) : Andesite -Basalt + 2-4% py Approximately 2-4% py filled fractures and disseminated in weakly chloritic andesite -Basalt	< 5	0.2	19	2	< 2	159
			#120039-129.40-130.50 (1.10 m) : Andesite -Basalt + 2-4% py Approximately 2-4% py filled fractures and disseminated in weakly chloritic andesite -Basalt	9	< 0.2	4	< 1	< 2	127
			#120040- 130.50-132.00 (1.50 m) : Andesite -Basalt + trace py Trace py and 2% calcite veins in chloritic andesite -Basalt	10	< 0.2	2	< 1	3	132
			#120041- 132.00-133.50 (1.50 m) : Andesite -Basalt + 2% py Several 1-2 cm stringers of 50% py +/- cpy in carbonate altered zone, approximately 2% py over zone, in chloritic andesite -Basalt	6	< 0.2	14	< 1	4	140
			At 133.70 - 3 cm of QCV at 070° TCA						
133.95	**157.32**	**23.37**	**Felsic Tuff**						
			Fine to medium grained, grey, siliceous, tuff to flow, with trace-0.5% fine, disseminated py						
	135.33	135.55	Shear Zone in Felsic Tuff						
			>30% black chlorite and 5% calcite altered in felsic tuff with shear at 045o TCA						
			#120042- 141.30-142.80 (1.50 m) - Felsic Tuff + 2-3% Py Several 2-5cm py stringers, approximately 2-3% py, in fracture/shear felsic tuff +/- flow @ 060° TCA	< 5	0.3	19	2	2	**1080**
			#120043- 142.80-144.00 (1.20 m) - Felsic Tuff + trace-1% Py Trace-1% fine py as disseminated and rare py in fractures @ 060o of felsic tuff	< 5	< 0.2	4	< 1	2	124
			#120044- 144.00- Blank / Silica Sand Standard	< 5	< 0.2	< 1	< 1	< 2	22
			At 148.19- 1 cm calcite-chlorite vein @ 080° TCA						
			At 148.30- 1 cm QCV @ 070° TCA						
			At 148.49- 1 cm calcite-chlorite Vein @ 080° TCA						
			At 148.91- 1 cm QV @ 070° TCA						
			At 152.83- 4 cm clast of QCV						
157.32	**162.00**	**4.68**	**Felsic Tuff (rhyolite-Dacite) with stringer Py +/- Sph**						
			Fine to medium grained, grey, siliceous, possibly volcaniclastic, unit of rhyolite-dacite composition with 3-5% blue and grey quartz eyes. Fine grained, 1-2% disseminated py within 1-5 cm fractures. Numerous stringer zones of felsic tuff with 20-40% py stringers and 1-2% sph stringers within fractures @ 060o TCA, 030o TCA and parallel TCA.						

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			#120045- 157.32-158.82 (1.50 m) : Felsic Tuff + >3% Py Has 5% calcite amygdules and 5% quartz eyes in felsic tuff with 2-3% fine, disseminated py and 1% py stringers	< 5	0.2	8	< 1	< 2	173
			#120046- 158.82-160.32 (1.50 m) : Felsic Tuff + 5-7% py-sph stringers Has 5-7% py stringers (0.2-1 cm) of py +/- sph in felsic tuff at 070o TCA, 045o TCA, 030o TCA within fractures +/- >5% calcite altered	5	0.2	12	< 1	< 2	94
			#120047- 160.32-162.00 (1.68 m) : Felsic Tuff + 12-15 % py-sph Has 10% py stringers with 2-5% sph in some of stringers at same angle as #120046. Last 35 cm is 20% chlorite-biotite-calcite altered	7	0.3	9	2	3	105
			#120048- 162.00 : VMS Standard	67	**33.4**	**> 10000**	21	**3480**	**> 10000**
162.00	**163.09**	**1.09**	**Chlorite Dacite (to rhyolite)**						
			Medium grained, grey, 10% chlorite +/- biotite altered, 7-10% grey quartz eyes in dacite and tr py						
			#120049- 162.00-163.09 (1.09 m) - Chlorite Dacite + trace py	< 5	< 0.2	10	**246**	2	164
163.09	**167.00**	**3.91**	**Biotite Dacite (to rhyolite) + tr-1% py-po**						
			Fine to medium grained, black, >10% biotite altered of matrix, 5% blue qtz eyes (strain), Dacite to rhyolite; 1-2% calcite amygdules. Trace-1% fine po and py, disseminated rare-0.5% stringer of po						
	163.42	163.75	Carbonate altered Zone of Biotite Dacite						
			0.33 m unit of 5% calcite and 5-10% chlorite altered dacite @ 060o TCA; small fracture zone						
			At 165.52 m- 1 cm QV and 5% po +/- py @ 070^{o} TCA						
			At 165.62 m- 5 cm QV and 1% py-po @ 070^{o} TCA						
			At 165.95 m- 1 cm QV and tr py @ 070^{o} TCA						
			At 166.09 m- 2 cm QV and 3% py-po @ 070^{o} TCA						
			At 166.37 m- 0.5 cm fracture @ 045^{o} TCA, perpendicular to foliation, of py cubes						
			#120050- 163.09-164.59 (1.50 m) : carbonate Biotite altered Dacite biotite dacite with 0.33 m calcite-chlorite altered zone and tr py	< 5	< 0.2	10	58	< 2	105
			#120051- 164.59-166.14 (1.55 m) : Biotite Dacite + QV-po-py biotite dacite and 4cm QV at 1-5 cm with po-py	< 5	< 0.2	11	2	2	110
			#120052- 166.14-167.00 (0.86 m) : Biotite Dacite + 1-2% po-py biotite dacite and 1-2% po-py	< 5	< 0.2	7	1	< 2	125
167.00	**180.45**	**13.45**	**(Dark) Rhyolite Flow and >3% Py +/- Sph**						

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			Fine to medium grained, dark grey, felsic flow (rhyolite-dacite) with 2-3% amygdules of qtz and calcite (up to 0.5 cm). With 1-3% fine disseminated py +/-po and can be weakly magnetic. Stringer zones, 0.5-5 cm, of 10-30% py and sph +/- cpy (1% max).						
			At 169.30- 1 cm QCV @ 070^{o}						
			At 169.85- 5-10 cm QCV and 5% py clast or possible vein						
			At 170.52- 8 cm zone of 30% QV @ 080^{o} TCA						
			At 173.52- 1cm QV @ 070^{o} TCA						
			#120053- 167.00-168.50 (1.50 m) : Dark rhyolite + 10-12% py-sph Has 8-10% py, 1-2% sph and trace cpy in dark rhyolite and >5% chlorite and biotite altered	< 5	< 0.2	21	2	< 2	181
			#120054- 168.50-170.00 (1.50 m)- Dark rhyolite + 2% py+/-sph-cpy Has 2% py, trace sph and trace cpy in dark rhyolite and weak chlorite-biotite altered	< 5	0.3	8	3	< 2	190
			#120055- 170.00-171.50 (1.50 m) : Dark rhyolite + 4% py-sph-cpy Has 3% py, tr-1% sph and tr cpy in dark rhyolite and weak chlorite-biotite altered and 3-5% QCV @ 070^{o} (vertical)	< 5	0.3	8	1	2	150
			#120056- 171.50-173.00 (1.50 m) : Dark rhyolite + 1% py Has 1% fine, disseminated py in dark rhyolite	< 5	< 0.2	2	< 1	< 2	114
			#120057- 173.00-174.50 (1.50 m) : Dark rhyolite + tr-1% py Has tr-1% fine, disseminated py in dark rhyolite	< 5	0.2	2	2	3	139
			#120058- 174.50-176.00 (1.50 m) : Weakly altered Dark rhyolite + 5-6% py-sph-cpy Has 3-4% py, tr-2% sph and tr cpy in dark rhyolite and 5% chlorite-biotite altered	< 5	0.4	11	2	< 2	171
			#120059- 176.00-177.50 (1.50 m) : Weakly altered Dark rhyolite + 5-6% py-sph-cpy Has 3-4% py, tr-2% sph and tr cpy in dark rhyolite and 5% chlorite-biotite altered	6	0.4	54	1	6	**320**
			#120060- 177.50-179.00 (1.50 m)- Dark rhyolite + 8-10% py-sph-cpy Has 6-8% py, tr-2% sph and <1% cpy as disseminated and 3-10 cm stringers in dark rhyolite	10	0.2	17	1	2	**233**
			#120061- 179.00-180.50 (1.50 m) : Dark rhyolite + 4-6% py-sph-cpy Has 3-5% py, tr-1% sph and tr cpy as disseminated and stringers in dark rhyolite	< 5	0.4	15	< 1	< 2	186
180.45	**188.76**	**8.31**	**Chlorite Rhyolite and Trace-1% Py**						
			Fine to medium grained, green, >10% chlorite +/- biotite altered, 5% blue qtz eyes. Tr-1% py as disseminated and rare stringers.						
			#120062- 180.50-182.00 (1.50 m): Chlorite rhyolite + >1% py same as above but 1-1.5% fine disseminated py and rare py stringer	< 5	< 0.2	7	< 1	4	139

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			#120063- 182.00-183.50 (1.50 m) : Chlorite rhyolite + tr py same as above with tr py (disseminated) and several, clasts of calcite (2-3%)	< 5	< 0.2	1	< 1	3	156
			#120064- 183.50-185.00 (1.50 m) : Chlorite rhyolite + >tr py same as above with tr py and 2-3% calcite altered	< 5	< 0.2	4	< 1	2	130
			#120065- 185.00-186.50 (1.50 m) : Chlorite rhyolite + 2% py-po same as above with 18 cm zone of 10% py but average 2% py +/- po	< 5	0.2	9	1	6	**208**
			#120066- 186.50-188.00 (1.50 m)- Chlorite rhyolite + tr py same as above with trace py as disseminated	< 5	< 0.2	4	2	6	**214**
			#120067- 188.00-188.76 (0.76 m) : Chlorite rhyolite + 2% py-cpy same as above with 17 cm zone of 3-8% fine py +/- tr cpy, averaging 1.5-2% py	< 5	0.3	12	3	< 2	180
188.76	**201.66**	**12.90**	**Basalt Flow**						
			Fine grained, greenish-grey, massive, Basalt flow with up to 2% calcite amygdules and calcite clasts (<5 cm). Trace-0.5% fine py as disseminated or filled fractures @030-060^{o} TCA						
			#120068- 188.76-190.26 (1.50 m) :Basalt with tr py	< 5	< 0.2	2	2	4	184
			#120069- 190.26-191.76 (1.50 m) :Basalt with tr py	< 5	< 0.2	6	< 1	4	162
			At 193.70- 1 cm calcite-breccia/fault 060o TCA						
			At 197.15- 1 cm calcite-epidote annealed fracture, paralleling fault 045^{o} TCA						
			At 197.89- 2 cm calcite filled fault breccia 035^{o} TCA						
201.66	**216.48**	**14.82**	**Chlorite Felsic Flow (rhyolite)**						
			Fine grained, dark green, >10% chlorite-biotite altered matrix in felsic flow (rhyolite-dacite) with 5% blue qtz eyes and 0.5-2% fine, disseminated py. Small stringers (1-5 cm) of 10-20% py-po +/- rare sph-cpy. fracturing at 045-060^{o} with 50% calcite-chlorite (50%) altered or py-po infilled (2-3%) as thin seams approximately 0.1-0.2 cm.						
			#120070- 201.90-203.00 (1.10 m) : Chlorite rhyolite + 3% py-po Has 1-2% disseminated, fine py and 3- 1 cm py-po stringers at 060^{o} TCA; approximately 3% py-po	< 5	< 0.2	10	< 1	3	195
			#120071- 203.00-204.50 (1.50 m) : Chlorite rhyolite + >5% py-sph-cpy Has 2-3% py as disseminated and several 2-10 cm stringers or 10-15% py and <1% sph-cpy (average 4-5% py and tr sph-cpy)	< 5	0.3	13	< 1	4	155
			#120072- 204.50-206.00 (1.50 m) : Chlorite rhyolite + 2-3% py-po Has 1-2% fine disseminated py and 2- 1 cm py stringers @ 060^{o} TCA; approximately 2-3% py +/- po	< 5	0.2	13	< 1	< 2	147

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			#120073- 206.00-207.50 (1.50 m) : Chlorite rhyolite + 2% py-po Has 1-2% fine disseminated py and 4 - 1 cm py stringers @ 060° TCA; approximately 2% py +/- po. Several 1-3 cm patches of calcite-chlorite	< 5	0.2	9	1	3	169
			#120074- 207.50-209.00 (1.50 m) : Chlorite rhyolite + 2% py Has tr-1% py fine disseminated and 2- 1cm py approximately 2% py	< 5	0.3	8	3	3	170
			#120075- 209.00-210.50 (1.50 m) : Chlorite rhyolite + 3-4% py-po Has 43 cm section of 5-8% py stringers and along fractures (060° TCA and perpendicular to core axis) and several 1 cm py stringer and tr-1% fine disseminated and tr po several 1-3 cm sections of carbonate-chlorite infilled fracture	< 5	0.4	18	2	7	177
			#120076- 210.50-212.00 (1.50 m) : Chlorite rhyolite + 1% py Has tr-1% fine disseminated py and several 1 cm fractures infilled with silica @ 060o TCA	< 5	< 0.2	3	< 1	3	163
			#120077- 212.00-213.50 (1.50 m) : Chlorite rhyolite + 1% py Has tr-1% py plus tr-2% calcite altered in patches (pervasive)	< 5	< 0.2	1	1	< 2	135
			#120078- 213.50-215.00 (1.50 m) : Chlorite rhyolite + 1% py Has tr-1% py and >2% patches of calcite altered and foliation @ 060° TCA.	< 5	< 0.2	1	< 1	< 2	129
			#120079- 215.00-216.48 (1.48 m) : Chlorite rhyolite + 2% py-po Has tr-1% py disseminated and 3- 1cm py stringers; approximately 2% py +/- po	< 5	0.7	35	< 1	11	**216**
216.48	**220.00**	**3.52**	**Carbonate-Chlorite altered rhyolite and 2-4% Pyrite**						
			Fine grained, green, 5-10% calcite (pervasive), rhyolite with 5% chlorite altered with 5-8% grey qtz eyes. Tr-1% disseminated py and 1-3% py stringers (1-2 cm of 50% py +/- po). Weak foliation @ 060° TCA						
			#120080- 216.48-218.00 (1.52 m) : Altered rhyolite + 3-4% py 10% calcite altered in rhyolite with 3-5% py stringers @ 060° TCA.	< 5	0.9	145	1	4	**357**
			#120081- VMS Standard	41	**32.9**	**> 10000**	16	**3440**	**> 10000**
			#120082- 218.00-219.50 (1.50 m) : Altered rhyolite + 4-6% py Similar to #120080 with >5% pervasive calcite altered and 2-3% fine disseminated py plus 2-3% stringers (up to 10 cm) of po-py and mod magnetic. Calcite annealed fractured @ 060o TCA.	< 5	0.5	80	1	7	**322**
			#120083- 219.50-220.00 (0.50 m) : Altered rhyolite + 2% py >10% calcite pervasive in fractured rhyolite with 1-2% py as disseminated and fractures	6	0.9	119	1	< 2	**324**
220.00	**221.64**	**1.64**	**Chlorite-Biotite Altered Felsic Flow (rhyolite) and 5-10% py+po and 1-4% sph-cpy as disseminated and stringers**						

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			Fine grained, green to green-black, >10% chlorite-biotite altered in matrix with 1-3 cm silica zones and >2% disseminated py-po plus 7-15% stringers (up to 10 cm) of py-po plus >3% sph and <1% cpy						
			#120084- 220.00-221.64 (1.64 m) : Altered rhyolite + 10-14% py-sph-cpy	41	**2.3**	146	10	3	**1780**
221.64	**222.98**	**1.34**	**Chlorite Felsic Pyroclastics**						
			Fine grained, green, chlorite altered, >5% felsic units with 10-30% clasts (0.2-0.5 cm) of quartz or felsic unit. Trace py in matrix and rare py stringers, approximately <1% py						
			#120085- 221.64-222.98 (1.34 m) : Chlorite Felsic Pyroclastic + tr py	56	**3.1**	162	2	< 2	**601**
222.98	**228.65**	**5.67**	**Basalt**						
			Fine grained, black, massive flow with 1-3% calcite altered (pervasive) and along fractures						
			#120086- 222.98-224.00 (1.02 m) : Basalt	< 5	< 0.2	2	< 1	< 2	**249**
			#120087- 224.00 : Silica Sand / Blank	< 5	< 0.2	< 1	< 1	< 2	21
228.65	**245.53**	**16.88**	**Altered Dacite Tuff**						
			Fine grained, light greenish-grey, felsic tuff (or flow) of rhyolite-dacite composition with 5-10% sericite, chlorite altered or both; locallized patches to 20 cm to over >30 cm of weak silica altered and <10% weak sericite-chlorite altered of the rhyolite. With tr-2% calcite within fractures, at 030-060^{o} and perpendicular to core axis. Also tr-2% fine py or rare py infilled fractures.						
			#12088- 228.65-230.00 (1.35 m) : Altered Dacite Tuff + 2% py Similar to above with <5% calcite in fractures, <2% fine py and at 228.94, 4 cm calcite vein.	< 5	< 0.2	15	2	2	137
			#120089- 230.00-231.50 (1.50 m) : Alterated Dacite Tuff + <1% py fine grained, grey possible weak silica (<5%) altered, felsic flow with <1% fine py	< 5	< 0.2	6	< 1	< 2	99
			#120090- 231.50-233.00 (1.50 m) : Altered Dacite Tuff + <1% py fine grained, grey possible weak silica (<5%) altered, felsic flow with <1% fine py	< 5	< 0.2	2	1	< 2	103
			#120091- 233.00-234.50 (1.50 m) : Altered Dacite Tuff + 1-2% py Similar as #120089 with 1-2% fine py as disseminated and stringers plus up to 10 cm patches of 20% calcite	< 5	< 0.2	34	2	3	**221**
			#120092- 234.50-236.00 (1.50 m) : Altered Dacite Tuff + 3% py-cpy Altered dacite tuff with 1% fine disseminated py plus 2-5% py stringers; approximately 2-3% py +/- cpy	< 5	0.2	50	< 1	4	**227**
			#120093- 236.00-237.50 (1.50 m) : Altered Dacite Tuff + <1% py Altered dacite tuff with tr-2% py and 2-3% fine pervassive carbonate.	< 5	0.2	5	6	< 2	143

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			#120094- 237.50-239.00 (1.50 m) : Altered Dacite Tuff + <2% py tr-2% fine py in same weak chlorite-sericite altered rhyolite	< 5	< 0.2	9	< 1	< 2	141
			#120095- 239.00-240.50 (1.50 m) : Altered Dacite Tuff + <2% py tr-2% fine py in weak chlorite-sericite altered rhyolite	< 5	< 0.2	4	1	< 2	140
			#120096- 240.50-242.00 (1.50 m) : Altered Dacite Tuff + <2% py trace-2% fine py in weak sericite-chlorite altered rhyolite. Contains a 10cm (241.80-241.90m) fault zone with 50% chlorite-carbonate altered of rhyolite @ 050o TCA with 2-3% py.	10	< 0.2	6	2	< 2	117
			#120097- 242.00-243.50 (1.50 m) : Altered Dacite Tuff + <1% py Weak chlorite-sericiteite altered rhyolite and tr-1% fine py (disseminated).	< 5	< 0.2	7	1	< 2	146
			#120098- 243.53-244.53 (1.0 m) : Altered Dacite Tuff + tr py Weak chlorite-sericite altered rhyolite with tr py as fine disseminated and sporadic specks py (<0.5%)	< 5	< 0.2	4	< 1	< 2	119
			#120099- 244.53-245.56 (1.06 m) : Altered Dacite Tuff + <1% py Weak chlorite altered rhyolite +/- sericite patches with tr-1% py specks as disseminated	< 5	< 0.2	7	< 1	< 2	107
244.56	**254.81**	**10.25**	**Chlorite Andesite-Dacite Flow +/- trace Pyrite**						
			Fine grained, green, >10% chlorite altered andesite (to dacite) with small pods (<10 cm) of 5-10% calcite. Trace py as disseminated and 1-4% py stringers +/- cpy as blebs or 4 cm stringers @ 060o TCA. Can have thin subunits with 1-3% qtz eyes.						
			#120100- 245.56-247.00 (1.44 m) : Chlorite altered Andesite + <1% py Chlorite-carbonate altered (10%) andesite with tr-1% fine, disseminated py. At 245.90m, 0.5cm folded QV that is perpendicular to core axis.	< 5	< 0.2	< 1	< 1	< 2	151
			#120101- 247.00-248.50 (1.50 m) : Chlorite altered Dacite + <1% py Fine grained, green, chlorite dacite and 5% fine plagioclase phenocrysts, with bleached patches of 5% of calcite-qtz and tr-1% py. Weak foliation @ 060^{o} TCA.	17	< 0.2	18	< 1	< 2	109
			#120102- 248.50-250.00 (1.50 m) : Chlorite altered Dacite + <1% py fine grained, green, chlorite dacite and >2% plagioclase, bleached patches of silica-carbonate and tr-1% py	< 5	0.3	13	2	< 2	170
			#120103- 250.00-251.50 (1.50 m) : Chlorite altered Dacite + 1-2 % py fine grained, green chlorite dacite and 5-10% silica +/- carbonate and 1-2% py +/- po disseminated and fractures filled with po @ 030-060^{o} TCA.	< 5	0.3	23	1	< 2	108
			#120104- 251.50-253.00 (1.50 m) : Chlorite altered Dacite + 1-2 % py fine grained, green chlorite and >5% silica +/- calcite altered and 1-2% py +/- tr po	< 5	0.3	14	4	< 2	114

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			#120105- 254.00-254.81 (0.81m) : Chlorite altered Dacite + 4-5% py-po fine grained, green Chlorite and and >5% silica +/- carbonate patches with 1-2% fine disseminated py plus 0.45 m of 5% py-po stringers (060° TCA) and fractures (030-045°). Total 3-4% py, tr-1% po	< 5	0.4	174	< 1	< 2	122
254.81	**274.87**	**20.06**	**Chlorite-sericite altered rhyolite and 2% Py-Po**						
			Fine to medium grained, greenish grey, rhyolite tuff with fol at 060o and 5-10% chlorite-sericite altered; possible weak silica (<5%). Late fractures (2-5%) can contain calcite +/-qtz. Trace-1% fine disseminated py and rare py stringers (<1%) and rare po, esp in fractures. Weak to moderate foliation (060°) with 2% thin calcite filled fractures. Lapilli tuff approximately 2 mm grain size.						
			At 266.37-267.10 (0.73 m)- 73cm wide fault breccia zone @060° TCA of >30% chlorite-calcite altered of 60% chlorite rhyolite fragments that have been annealed (by carbonate).						
			#120106- 254.81-256.00 (1.19 m) : Chlorite-sericite altered rhyolite + 2% py medium grained, grey-green chlorite-sericite rhyolite plus 2% fine disseminated py and 2% calcite filled fractures @ 060° TCA	< 5	< 0.2	49	1	2	158
			#120107- 256.00-257.50 (1.50 m) : Chlorite-sericite altered rhyolite + 2% py Same as above with 1-2% fine diss py and sporadic 0.5-1.0 cm py stringers approximately 2-3% py +/- po (fractures)	< 5	< 0.2	48	3	< 2	135
			#120108- 257.50-259.00 (1.50 m) : Chlorite-sericite altered rhyolite + 2% py Same as above with tr-1% fine py (disseminated) and 2-5% calcite altered as pervassive and in fractures (<3 cm)	6	0.2	19	< 1	< 2	77
			#120109- 259.00-260.50 (1.50 m) : Chlorite-sericite altered rhyolite + tr-1% py	14	< 0.2	27	3	< 2	76
			#120110- 260.50-262.00 (1.50 m) : Chlorite-sericite altered rhyolite + tr-1% py	< 5	< 0.2	17	< 1	< 2	78
			#120111- 262.00-263.50 (1.50 m) : Chlorite-sericite altered rhyolite + tr-1% py	< 5	< 0.2	10	2	< 2	81
			#120112- 263.50-265.00 (1.50 m) : Chlorite-sericite altered rhyolite + tr-1% py	< 5	< 0.2	11	< 1	< 2	135
			#120113- 265.00-266.37 (1.37 m) : Chlorite-sericite altered rhyolite + >2% py Similar unit of chlorite-sercite altered rhyolite with 1-2% py as disseminated with thin <0.5 cm py	6	< 0.2	10	6	< 2	81
			#120114- 266.37-267.10 (0.73 m) : Fault Breccia Fault breccia with 30% chlorite-calcite altered and 60% chloritized rhyolite fragments / clasts.	8	< 0.2	6	20	< 2	83
			#120115- 267.10-268.50 (1.40 m) : Chlorite-sericite altered rhyolite + 1-2% py altered rhyolite with 1-2% fine disseminated py grains and tr po along fracture	< 5	< 0.2	5	2	< 2	71

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			#120116- 268.50-270.00 (1.50 m) : Chlorite-sericite altered rhyolite + <1% py altered rhyolite with tr-1% fine disseminated py +/- rare po in fractures and 2-3% QCV in fractures @ 030-060^{o}	< 5	0.3	11	2	6	80
			#120117- 270.00-271.50 (1.50 m) : Chlorite-sericite altered rhyolite + <1% py - tr-1% fine py +/- <0.5% po in fracture	< 5	< 0.2	6	1	< 2	65
			#120118- 271.50-273.00 (1.50 m) : Chlorite-sericite altered rhyolite + <2% py-po same as above with tr-2% py disseminated +/- po	11	< 0.2	10	< 1	< 2	72
			#120119- 271.50-273.00 (1.50 m) : Chlorite-sericite altered rhyolite + <2% py-po same as above with tr-2% py disseminated +/- po	7	< 0.2	10	< 1	< 2	88
			#120120- 274.02-274.87 (0.85 m) : Sheared chlorite-sericite altered rhyolite + <1% py Shear- weakly to moderately sheared (060o TCA) rhyolite tuff (lapilli) with >10% chlorite-carbonate altered and 5% clasts of calcite-chlorite and tr py	< 5	< 0.2	10	2	3	135
274.87	**286.30**	**11.43**	**Chlorite Dacite (Flow)**						
			Fine grained, green, 10% chlorite altered dacite with 5% blue qtz eyes and tr py. 2-4% calcite infilled of amygdules or fractures.						
			#120121- 274.87-276.50 (1.63 m) : Chlorite Dacite + tr py fine grained, green, dacite with tr py- fine disseminated and possible weak silica <5%	< 5	< 0.2	10	4	< 2	191
			#120122- 276.50-278.00 (1.50 m) : Chlorite Dacite + tr py same as #120121 with tr py and weak silica	< 5	< 0.2	9	1	< 2	82
			#120123- 278.00-279.50 (1.50 m) Chlorite Dacite + tr py same as #120122 with tr py and weak silica	< 5	< 0.2	3	< 1	< 2	69
			#120124- 279.50-281.00 (1.50 m) : Chlorite Dacite + tr py same as #120123 with tr py and weak silica	< 5	< 0.2	9	< 1	< 2	135
			#120125- 281.00- Silica Sand/Blank	< 5	< 0.2	< 1	1	< 2	23
			NOTE: Stopped sampling unit as sulphides content decreased to nil.						
286.30	**286.87**	**0.57**	**Fault Zone**						
			Weakly to moderately fractured zone of chlorite felsic volcanics with 5-20% interstitial calcite and 12-13 cm subzone of 25-35% qtz +/- epidote in chlorite dacite @060o TCA, trace py-po non-magnetic						
			#120126- 286.30-286.87 (0.57 m) : Fault Zone in Chlorite Dacite +QV	< 5	< 0.2	9	< 1	< 2	108
286.87	**318.75**	**31.88**	**Chlorite-sericite altered Dacite (Lapilli Tuff)**						

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			Fine to medium grained, greenish-grey, >5% chlorite altered of FV with 2-3% blue qtz eyes. Trace-0.5% py in fractures. 2-3% calcite in fractures and pods						
			#120127- 286.87-288.00 (1.13 m) : Chlorite-sericite alt Dacite + tr Py same as above with <0.5% py in fractures and >5% calcite in fr	< 5	< 0.2	2	1	< 2	144
			#120128- 288.00-289.50 (1.50 m) : Chlorite-sericite alt Dacite + tr Py same as above with <0.5% py and 3-5% calcite in fractures and pods	< 5	< 0.2	14	< 1	< 2	151
			#120129- 289.50-290.50 (1.0 m) : Chlorite-sericite alt Dacite + >1% Py same as above with tr-1% py and 3% calcite in fractures and amygdules	< 5	< 0.2	12	2	< 2	103
			#120130- 290.50-291.72 (1.22 m) : Chlorite-sericite alt Dacite + >1% Py same as above with tr-1% py and 3% calcite	8	< 0.2	21	1	< 2	139
			#120131- 291.72- VMS Standard	92	**31.7**	**> 10000**	37	**3550**	**> 10000**
			#120132- 291.72-292.67 (0.95 m) : Chlorite-sericite alt Dacite + >1% Py fine grained, green, >20% chlorite-biotite altered felsics (dacite) and 2-3% blue qtz eyes and tr-1% py	< 5	< 0.2	5	< 1	< 2	190
			#120133 292.67-294.17 (1.50m) : Chlorite-sericite alt Dacite + >1% Py fine grained, green, >20% chlorite-biotite altered felsics (dacite), 2-3% blue qtz eyes, 3-5% chlorite-calcite in fractures and tr-1% py	< 5	< 0.2	10	< 1	< 2	122
	294.17	305.00	Fracture Zone in chlorite-sericite altered Dacite + tr py						
			Weak fracture zone in chlorite-sericite altered dac with 3-5% fractures @ 030-060o, infilled with calcite-chlorite, 2-5% amygdules infilled with chlorite or up to 1 cm chlorite clasts; weak foliation; no quartz veins and <0.25% py to rare						
	308.67	309.07	Fault						
			>30% qtz-carbonate-chlorite infilled of fracture zone @030^{o} TCA; possible fault						
	317.90	317.95	Sheared Zone in Dacite						
			30% chlorite altered in sheared dacite @045^{o} TCA						
318.75	**320.45**	**1.70**	**Fault Zone**						
			Fine grained, green, weak chlorite (5%) biotite altered dacite with >20% calcite introduction into fractures then later >10% qtz introduction and 2-5% fine py as blebs and fracture +/- tr sph. Fracturing @ 060^{o} TCA.						
			#120154- 318.75-320.45 (1.70 m) : Fault Zone of altered dacite + <5% py-sph	< 5	0.2	21	3	2	167
320.45	**332.68**	**12.23**	**Amygdaloidal Basalt**						
			Fine grained, grey-green, <5% chlorite, massive basalt flow with 3-5% white calcite filled vesicules and 2-3% yellow, calcite filled fractures.						

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			#120134-(320.45-322.00 (1.55 m) : Basalt + tr py fine grained basalt with >5% calcite filled vesicules & fractures and rare py (<0.5%).	< 5	< 0.2	2	< 1	< 2	151
	324.68	325.62	Fault breccia (basalt) with 0.8 m of core loss						
	326.36	328.10	Fault breccia (basalt) with 1.44 m of core loss						
332.68	**336.87**	**4.19**	**Chlorite Dacite Flow and >2% py-po**						
			Fine grained, green, >10% chlorite +/- biotite altered dacite with 3-5% blue qtz eyes. 3-5% calcite along fractures and in vesicules. Tr-2% fine py and blebs, up to 1 cm, of 2-3% py +/- po (in fractures)						
332.68	**337.65**	**4.97**	**Chlorite Dacite and > 2% py +/- po**						
			fine grained, green, chlorite altered, dacite with 5% calcite vesicules, tr-1% py and 2-5% blue qtz eyes						
			#120135- 332.68-334.18 (1.50 m) : Chlorite dacite + >1% py fine grained, green chlorite dacite with 5% calcite vesicules and tr-1% py and 2-5% blue qtz eyes	< 5	< 0.2	5	1	< 2	138
			#120136- 334.18-335.68 (1.50 m) : Chlorite dacite + 2-3% py-po fine grained, green chlorite dacite with 5% white and 3% yellow calcite amygdules, 2-3% fine stringers of py +/-po-cpy	< 5	< 0.2	24	2	< 2	137
			At 334.73- 2 cm QV-chlorite vein @ 070^{o} TCA						
			At 334.82- 5 cm QV-chlorite vein @ 070^{o} TCA						
			At 335.46- 2 cm QCV-chlorite vein @ 080^{o} TCA						
			#120137- 335.68-336.87 (1.19 m) : Chlorite dacite + 2-3% py-po fine grained, green chlorite dacite and 2% white calcite amygdules, calcite-chlorite-biotite bands (due to weak shearing) and 2-3% py-po stringers	< 5	< 0.2	9	4	< 2	171
			#120138- 336.87-337.65 (0.78 m) : Chlorite dacite + >2-5% py-po fine grained, greenish-grey, >10% chlorite->10% calcite altered dacite with weak shearing @ 065^{o} TCA with chlorite-biotite banding; over 2-5% py-po stringers, up to 2 cm; several 1-4 cm clasts of calcite and minor qtz	< 5	0.6	26	< 1	40	188
337.65	**339.14**	**1.49**	**MASSIVE SULPHIDES (ZONE)**						
			Fine grained, dark grey, siliceous matrix of 20-30% silica-chlorite at 075^{o} TCA. 45-50% finely bedded py with 10-15% pyrrhotite bands at 070^{o} TCA. Small specks or stringers (<0.3 cm) of sph; approximately 1-4% sph and tr-2% cpy.						
			#120139- 337.65-339.14 (1.49 m) : Massive Sulphides (py-po-sph-cpy)	41	**1.3**	136	6	69	**408**

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
339.14	**347.81**	**8.67**	**EXHALITE ZONE (Cherty Rhyolite Tuff)**						
			Cherty Rhyolite Tuff consists of fine to medium grained, grey, siliceous zone of >70% fine silica/qtz with >5% chlorite altered and 3-5% fractures infilled with calcite. Tr-2% fine py (disseminated) or thin stringers (<5 cm) of 5% py +/- tr cpy and rare specks-1% sph.						
			#120140- 339.14-340.64 (1.50 m) : Cherty Rhyolite Tuff + 1-2% py-po same cherty rhyolite tuff with 1-2% fine py-po	< 5	0.3	3	2	2	133
			#120141- 340.64-342.14 (1.50 m) : Cherty Rhyolite Tuff + 1-2% py-po cherty rhyolite tuff with 1-2% fine py-po	< 5	< 0.2	4	< 1	3	144
			#120142- 342.14-343.64 (1.50 m) : Cherty Rhyolite Tuff + >1% py-po cherty rhyolite tuff with tr-1% fine py +/- po	< 5	< 0.2	7	2	3	182
			#120143- 343.64-344.30 (0.66 m) : Cherty Rhyolite Tuff + >2% py-po cherty rhyolite tuff and 3-5% calcite amygdules or qtz amygdules plus tr-2% py +/- po	< 5	< 0.2	21	5	< 2	120
	344.30	346.18	Felsic Pyroclastic Tuff/Flow						
			Fine grained, grey, siliceous unit with 10-20% clasts of felsic volcanic. 3-5% calcite or qtz vesicules and tr-1% py (disseminated).						
			#120144- 344.30-346.18 (1.88 m) : Felsic pyroclastic Tuff + 1% py felsic pyroclastics and 1% py; see above	< 5	< 0.2	13	3	2	190
			#120145- 346.18-347.68 (1.50 m) : Cherty Rhyolite Flow + 1-3% py cherty rhyolite with >3% calcite in fractures and 1-3% py in fractures and disseminated	< 5	0.2	23	2	6	192
			#120146- 347.68-349.18 (1.50 m) : Cherty Rhyolite Flow + >1% py cherty rhyolite transitions into altered rhyolite with >5% chlorite, 2-5% calcite amygdules and tr-1% py	< 5	< 0.2	28	< 1	4	184
349.18	**357.09**	**7.91**	**Chlorite Rhyolite-Dacite**						
			Fine grained, green, weak chlorite-calcite (<10%) altered rhyolite to dacite with 1-2% calcite +/- 2% qtz veins (1-5 cm) and 1-3 cm biotite-calcite shears @060^{o} TCA.						
			#120147- 349.18-350.68 (1.50 m) : Chlorite Rhyolite-Dacite	< 5	< 0.2	9	< 1	5	148
			#120148- 350.68- VMS Standard	67	**31.3**	**>10000**	13	**3570**	**> 10000**
			#120149- 350.68-352.18 (1.50 m) : Chlorite Rhyolite-Dacite + tr-1% py	< 5	< 0.2	63	1	7	**925**
			#120150- 352.18-353.68 (1.50 m) : Chlorite Rhyolite-Dacite + tr py	< 5	0.2	16	< 1	5	**375**
			#120151- 353.68-355.18 (1.50 m) : Chlorite Rhyolite-Dacite + tr py tr py plus several 5-10 cm shears of chlorite-: Chlorite Rhyolite-Dacite with >10% calcite-biotite altered @ 060^{o} TCA	< 5	< 0.2	37	1	4	**217**
			120152- 355.18-357.09 (1.91 m) : Chlorite Rhyolite-Dacite + tr py Chlorite Rhyolite-Dacite with tr py, 2% yellow calcite in fractures with fine white "granite" dikes at 30%	< 5	< 0.2	16	< 1	3	129

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
357.09	**387.28**	**30.19**	**White Granite**						
			Medium grained, white granite with 35-40% white kspar, 25-30% grey plagioclase, 20% grey quartz and 2-3% hornblende altered to biotite and several blue qtz eyes (1%). Seveal finer zones (0.2-1.0 mm) or fine grained granite approximating a shearing event. Clasts of weakly shear felsic volcaniclastics /tuffs from 20 cm to over 1 m within granite eg. 359.69-360.42-FV clasts. Rare py (>0.25%) along fractures.						
			At 360.72- 5 cm shear zone of chlorite-calcite altered in very fine grained @ 080o TCA						
			#120153- 357.09-358.59 (1.50 m) : White Granite med grained, white granite with Kspar, plagioclase, quartz and hornblende with 5% clasts of felsic volcanics.	< 5	< 0.2	12	< 1	7	133
	361.80	367.37	Hybrid Zone of 80% Felsic Volcanic Clasts in White Granite						
			>80% clasts of felsic volcanic of chlorite dacite (lapilli) with several 5-20 cm white granite dikes.						
	367.37	369.40	Fracture Zone with Calcite-Qtz veins in White Granite						
			Several 2-5 cm yellow calcite +/- qtz filled fracturesions that are parallel to core axis and extend over 30 cm						
	369.40	375.09	Hybrid Zone of 80% Felsic Volcanic Clasts in White Granite						
			Over 80% fragments of chlorite dacite with 20% white granite dikes being injected						
			At 377.21- 1 cm yellow calcite vein @ 060^{o}						
			At 380.43-381.06- clast of chlorite dacite						
			From 381.85m, the white granite unit goes from 3-4 mm grains to 1-2 mm grains, a 50% grain size reduction but no visible shearing. Possible heat loss due to geological contact.						
387.28	**414.88**	**27.60**	**Chlorite Dacite**						
			Fine grained, grey-green, dacite with 3-5% blue qtz eyes with weak foliation @ 070^{o} TCA and rare py. chlorite-sericite along 030^{o} TCA fractures. Little to no sulphides in unit or along fractures						
			At 391.65- 3 cm QCV @ 070^{o} TCA						
			#120155- 387.28-388.78 (1.50 m) : chlorite dacite	< 5	0.3	8	1	2	150
			#120156- 388.78-390.28 (1.50 m) : chlorite dacite	< 5	< 0.2	2	< 1	< 2	114
			#120157- 390.28- Blank / Silica Sand	< 5	0.2	2	2	3	139
			At 400.62- fault with 5 cm chlorite altered @ 025^{o} TCA						
			At 403.05-403.20- 50% qtz +/- 10% feldspar vein in shear @ 060^{o} TCA						

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			At 406.13-406.21- QV-ch +/- 10% feldspar in wk shr @ 040^{o} TCA						
			At 409.76-410.04, small andesite dike of fine grained, dark grey, andesite and 10% chlorite, <3% qtz eyes and 1% fine py-po in fractures @ 080^{o} TCA						
			At 412.00-413.75, small andesite dike, simialr to above, but <1% py-po and factures @ 080^{o} TCA						
			At 413.75-414.88, small granodiorite dike of medium to coarse grain, grey massive granodiorite with 20% kspar, 45% plag, 10% qtz and 20-25% hornblende-chlorite, late fracturing @ 030^{o} TCA with qtz-chlorite						
414.88	**486.93**	**72.05**	**Chlorite Dacite (Lapilli Tuff)**						
			Same medium grained, unit of chlorite dacite as lapilli; approximately 2-3 mm ash. Several 5-20 cm units of fine-medium grained size of chlorite dacite. Several 5-10 cm zones of weak shearing @ 040-060^{o} TCA; slighly more chlorite and a grain size reduction to fine grained.						
			At 420.26-420.44- shear @ 060^{o} TCA						
			At 420.90-421.04- shear @ 060^{o} TCA						
			At 422.60-422.62- shear @ 060^{o} TCA						
			At 423.71-423.76- 5 cm QCV @ 060^{o} TCA						
			At 424.16-424.18- 2 cm QCV @ 060^{o} TCA						
			At 427.23- 2 cm QV @ 060^{o} TCA						
	436.02	436.69	Sheared Chlorite-Calcite Altered Dacite + >1% py-po						
			Shear zone of >20% chlorite-calcite altered dacite with weak-moderate shear @060o and tr-1% py-po along fractures but very locallized						
	439.18	440.40	Silica-sericite altered Dacite + tr-4% py-po						
			Fine grained, light grey, dacite with 10-15% silica-sericite in chlorite dacite with tr-2% fine disseminated py and 1-2% py and po in fractures (060o) and as blebs						
			#120158- 439.18-440.40 (1.28 m) : Silica-sericite altered Dacite + tr - 4% py-po	< 5	0.4	11	2	< 2	171
			At 444.16- 2cm QCV @ 060^{o} TCA in Chlorite Dacite						
			At 445.91- 446.02 (0.11)- chlorite-calcite sheared (fault) zone @ 060^{o} TCA						
	453.10	453.34	Chlorite Dacite + tr py						
			Chlorite Dacite with 5-10% weak silica altered and rare py.						
			At 454.55-456.75- 10% silica altered but no sulphide and weak						
			At 456.75- 5 cm bleb or QCV from 0.5 cm vein @ 090^{o} TCA						
			At 460.00- 2 cm QCV @ 085o with 2 cm offset along mini-faults						

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			At 461.00- 30 cm fracture @ 015^{o} TCA with chlorite +/- sericite on fracture (fault?) with minor calcite						
			At 462.17- 2cm QCV @ 085^{o} TCA						
			At 462.64- several 2 cm QCV in weakly-moderate shear chlorite dacite at 080o TCA and tr-1% py-po						
			At 465.95- 2cm QCV along core axis (as oval) over 12 cm						
	466.07	467.10	Weakly Sheared chlorite Dacite						
			Same as above but weak shearing @ 070^{o} with 2-4% calcite along fractures						
	474.97	475.05	8 cm shear zone with several 1-3 cm QCV @ 070^{o} in chlorite dacite						
	476.95	477.50	Sheared Chlorite Dacite						
			Sheared chlorite Dacite with 2-5% calcite (pervasive) and several 1 cm veins of QCV @ 060^{o} TCA						
			At 479.85- 1 cm QCV @ 060^{o} TCA						
	476.42	476.55	13 cm sheared dacite with seveal 1-2 cm qtz veins @ 060^{o} TCA						
			At 478.41- 2 cm white QV @ 075^{o} TCA						
			At 478.63- 3 cm QCV @ 075^{o} TCA						
			At 479.61- 2 cm QV @ 075^{o} TCA						
			At 484.73-484.84-11 cm dike of medium-coarse grained granodiorite @ 080^{o} TCA						
			At 486.70-486.84- 1-2% fine py as disseminated or stringers in chlorite dacite						
486.93	**489.07**	**2.14**	**Weakly altered Basalt**						
			Fine grained, green, wk Chlorite Basalt with <5% silica altered and rare py (<0.25%)						
489.07	**494.00**	**4.93**	**Chlorite Dacite**						
			Fine grained, grey-green, 5% chlorite altered dacite with 3-5% blue qtz eyes with weak foliation @ 070o and rare py (>0.25%).						
494.00			**END of HOLE**						
Reflex Tests			17m @ -49.5^{o} 74m @ -48.8^{o} 101m @ -48.5^{o} 149m @ -48.1^{o}						
			224m @ -47.2^{o} 290m @ -46.7^{o} 377m @ -44.1^{o} 452m @ -41.5^{o}						
			494m @ -40.3^{o}						

NuVision Resources ULC - Cat Key Property									
Drill Hole Summary:			**NVR14-2**	End o Hole		299.00m			
Grid Location:			L26E, 26+10N	Logged By		Allen J Raoul, Pgeo			
UTM Location			518710E 5399194N (NAD83, Zone15)	Date		Oct 24-28, 2014			
Direction:			Azm 325o @ -050o	Other					
From (m)	**To (m)**	**Interval (m)**	**Description**	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Ni (ppm)**	**Pb (ppm)**	**Zn (ppm)**
0.00	**13.00**	**13.00**	**Casing**						
12.80	**21.40**	**8.60**	**Silicified dacite-Andesite**						
			Medium grained, grey, dacite-andesite with 3-5% grey qtz eyes, weak shearing @ 060o TCA and 10% plag phenocrysts and 2% sericite. 5-20% silica overprinting and trace-1% fine disseminated py with <0.5% py as fractures.						
			#120159- 12.80-14.00 (1.20 m) - sililca altered dacite, similar to above, with >10% silica alteration and 1% py	< 5	0.6	11	2	2	255
			#120160-14.00-15.50 (1.50 m)-silica dacite, >10% silica with tr-1% py	< 5	0.5	10	< 1	< 2	148
			#120161- 15.50-16.29 (0.79 m)- silica dacite, >10% silica and tr-1% py	< 5	0.8	6	< 1	2	146
	16.29	16.81	Amygdaloidal dacite-Andesite						
			Fine grained, dark grey matrix (siliceous), with 3-5% qtz eyes and >5% coarse (0.5-1 cm) vesicules infilled with calcite						
			#120162- 16.29-16.81 (0.52 m)- amygdaloidal andesite-dacite, same as above	< 5	0.5	21	< 1	2	146
			#120163- 16.81-18.40 (1.59 m)- silica dacite, >10% silica alteration and >1% disseminated py and 1% py +/- po stringers	< 5	0.6	10	< 1	< 2	121
			#120164- 18.40-19.90 (1.50 m)- silica dacite, >10% silica altered and tr-1% py	< 5	0.4	23	< 1	3	71
			#120165- 19.90-21.40 (1.50 m)- silica dacite with >10% silica altered and 1-2% fine disseminated py +/- tr po	< 5	< 0.2	52	6	< 2	93
21.40	**31.22**	**9.82**	**chlorite-actinolite altered gabbro**						
			Medium grained, dark green, >10% chlorite, actinolite and biotite altered in weakly-moderately shears @050o. Trace py disseminated throughout but small patches (<1 cm) of po.						
			#120166- 21.40-22.90 (1.50 m)- chlorite-actinolite-biotite gabbro plus tr-1% py-po	< 5	< 0.2	26	**437**	< 2	70
			#120167- 22.90-24.40 (1.50 m)- chlorite-actinolite-biotite gabbro plus tr py-po	< 5	< 0.2	19	**455**	< 2	61
			#120168- 24.40-25.90 (1.50 m)- chlorite-actinolite-biotite gabbro plus trace py-po and 5 cm calc-biotite zone @25.15 m	< 5	< 0.2	24	**449**	< 2	65
			#120169- 25.90-27.40 (1.50 m)- chlorite-actinolite-biotite gabbro with tr-1% py +/- tr po	< 5	< 0.2	26	**427**	< 2	61

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			#120170- 27.40-28.50 (1.10 m)- chlorite-actinolite-biotite gabbro with tr-1% py and tr po	< 5	< 0.2	2	**406**	< 2	58
	28.50	31.22	Shear Gabbro with 5-20% calcite altered						
			Fine grained, greenish-grey, highly sheared gabbro with >5-20% carbonate-chlorite alteration (up to 50%) and 045o TCA						
			#120171-28.50-30.00 (1.50 m)- Shear Gabbro - >20% carbonate altered gabbro with 5-7 cm py stringer @ 29.30; 29.55 m, 10 cm fault breccia (soapstone) @ 060o	< 5	< 0.2	47	**448**	< 2	31
			#120172- 30.00-31.22 (1.22 m)- Shear Gabbro 5-10% carbonate altered gabbro but decreasing calcite altered downhole and tr py	< 5	< 0.2	24	**476**	< 2	52
31.22	**35.27**	**4.05**	**rhyolite Flows and tr-1% py**						
			Fine grained, grey, siliceous, rhyolite with 3-5% blue qtz eyes, 3-5% biotite-sericite along foliation @ 060o TCA						
			#120173- 31.22-32.72 (1.50 m)- rhyolite and >3% biotite-sericite and 1-2% py disseminated	< 5	0.5	22	3	3	112
			#120174- 32.72-34.22 (1.50 m)- rhyolite and >3% biotite-sericite and tr-1% py	< 5	0.6	13	< 1	3	93
			#120175-34.22-35.27 (1.06 m)- rhyolite and >3% biotite-sericite and several 5-10 cm bands of 5% py; average 3% py	< 5	0.5	24	< 1	12	91
35.27	**44.00**	**8.73**	**Silicified rhyolite Tuff and 1-5% py**						
			Fine, light grey, siliceous rhyolite with 5-20% silica overprinting +/- <2% calcite in fractures; 1-2% disseminated py and 2-3% py in stringers/fractures						
			#120176-35.27-36.77 (1.50 m)- silica rhyolite with 1-2% py and >10% silica	6	0.3	44	< 1	3	31
			#120177- 36.77-38.25 (1.48 m)- silica rhyolite with tr-1% po and >10% silica	< 5	0.5	14	< 1	7	101
			#120178- 38.25-39.75 (1.50 m)- rhyolite and 5% silica with tr py	< 5	0.6	14	< 1	3	50
			#120179- 39.75-41.25 (1.50 m)- rhyolite and 5% silica with tr-1% py	< 5	**1.0**	14	< 1	< 2	72
			#120180- 41.25-42.75 (1.50 m)- rhyolite and 5% silica with tr-1% py plus @ 42.38 (15 cm) mafic dike and with 20% calc veins @060o	< 5	0.2	37	< 1	4	117
			#120181- 42.75-44.00 (1.25 m)- silica rhyolite with tr-1% py plus last 80 cm has >5% py stringers approximately 3-4% py total +/- po	< 5	0.5	128	< 1	14	151
44.00	**51.14**	**7.14**	**Weakly altered rhyolite-dacite Tuff (Lapilli)**						
			Medium grained, grey, dacite tuff with approximately 5% chlorite-biotite altered in wk-mod foliation (065o) and 3-5% blue qtz eyes. Tr-1% py in later fractures, across stringers						
			#120182- 44.00-45.50 (1.50 m)- wk altered dacite with tr py	< 5	0.5	16	< 1	4	85
			#120183- 45.50-47.00 (1.50 m)- wk altered dacite with tr py	< 5	0.7	7	< 1	< 2	79
			#120184- 47.00-48.50 (1.50 m)- wk altered dacite with tr py	< 5	0.7	8	< 1	3	83

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			#120185-48.50-50.00 (1.50 m)- wk altered dacite and tr py	< 5	0.7	8	< 1	4	79
			#120186-50.00-51.14 (1.14 m)- wk altered dacite and tr py	< 5	0.5	17	< 1	4	48
51.14	**55.77**	**4.63**	**Weakly Silicified dacite**						
			Fine grained, grey-green, dacite with >5-10% chlorite altered with 5-20% patches of silica alteration or 2-3% white qtz-chlorite veins (080o TCA) and tr-1% py						
			#120187-51.14-52.64 (1.50 m)- wk silica dacite and tr py and 8 cm qtz-chlorite vein +/- calcite	< 5	0.6	22	7	< 2	46
			#120188- 52.64-54.14 (1.50 m)- wk silica dacite and tr py	< 5	0.8	9	< 1	4	50
			#120189-54.14-55.77 (1.63 m)- wk silica dacite and rare py	< 5	0.7	13	< 1	< 2	48
55.77	**176.00**	**120.23**	**Dacite to Rhyolite**						
			Fine to medium grained, massive felsic flows with <5% chlorite in matrix and >10% blue qtz. Almost no sulphides even in fractures						
	55.77	56.13	39 cm shear zone of >30% chlorite-calc at 080o (fault?)						
			At 63.64- 2-3 cm fractures infilled with chlorite-qtz-cummingtonite						
			At 64.43- 1cm QV @ 045o TCA						
			In the dacite-rhyolite, late fractures (1%), infilled with late white to yellow calcite. Almost no sulphides (<0.25%) and restricted to fractures						
	77.00	77.33	Silicified Zone in dacite						
			10-50% silica alteration plus 5 cm qtz clast with 2-5% po-py						
			#120190- 77.00-77.33 (0.33 m)- silicified zone and 2-5% py-po	7	0.6	**498**	< 1	3	20
			At 78.66 m- 1 cm QCV @ 045o TCA						
			At 79.78 m- 2 cm QCV @ 030o TCA						
			At 80.52 m- 1 cm QCV @ 060o TCA						
	89.32	89.47	Silicified Zone of Dacite						
			20-50% silica altered of dacite with 3-5% py and 1-2% sph stringers @060o TCA						
			#120191- 89.27-89.52 (0.25 m)- silicified zone plus 5 cm of dacite on each side	7	0.7	182	< 1	36	**3000**
	94.82	95.02	20 cm fracture zone in dacite with 1-5% py (0.5-2 cm wide) along core axis						
	95.02	95.26	24 cm Sheared dacite (dike) or zone at 070o						
	98.65	98.75	10 cm Vug/Cavity that has been infilled with gravels (rounded granite and basalt pebbles up to 3 cm)						
			At 102.41 cm- 1 cm QCV at 045o TCA						
	109.03	109.66	Silicified Zone in Dacite and 1-5% py-po						
			Fine to medium grained, chlorite dacite and 5% blue qtz eyes, 5-20% silica flooding, 1-5% py-po as disseminated and in fractures (030o)						

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			#120192- 109.03-109.63 (0.63 m)- silicified zone and 1-5% py-po	**151**	0.7	126	< 1	3	37
	109.66	111.77	Sulphide brg fracture zone (1-5% py-po)						
			Fine grained, green, chlorite dacite with tr-3% fine py in fractures 030o, 060o and 090o and larger fractures of mostly po +/- py approximately 10%						
			#120193- 109.66-110.66 (1.0 m)- 1-2% fine py disseminated and tr-1% po in fractures of chlorite-dacite	161	0.5	19	< 1	3	53
			#120194-110.66-111.77 (1.11 m) - 1-2% fine py disseminated plus @ 111.16- 8 cm of 10% py and py approximately totaltered 2% py and 1-2% py in chlorite dacite	21	0.4	51	< 1	< 2	35
	119.00	120.03	Sulphides in fractured zone						
			1-2% py infilling fractures at 030o, 060o in chlorite dacite						
			#120195- 119.00-120.03 (1.03 m)- sulphide zone	19	0.5	150	< 1	< 2	42
			#120196- Silica Sand/Blank Standard	< 5	< 0.2	< 1	< 1	< 2	21
			At 121.98- 1 cm fracture @030o infilled with 50% chlorite and 50% py						
			At 122.20- 0.5 cm fracture @ 030o infilled with 33% py in chlorite						
			#120197- 127.60-128.00 (0.40 m)- silica dacite + >3% Po-Py, 10-30% Silica altered dacite with 2-3% Po- Trace-1% Py	< 5	0.3	2	< 1	< 2	21
			#120198- 128.00- GOLD STANDARD /SF67	**903**	**1.2**	90	77	70	151
			#120199- 128.00-129.70 (1.70 m)- chlorite dacite, fine grained, greenish-grey, dacite tuff with 5% blue qtz eyes, late calcite filled fractures (<1%) at 070o-080o	12	0.6	15	< 1	6	**403**
			#120200- 129.70-130.77 (1.07 m)- Silicified Zone (dacite), 20-50% silica overprinting of dacite; highly fractured. Up to 10% po-py and tr-1% py	**119**	0.7	**339**	< 1	3	**> 10000**
			#120205- 130.77-132.27 (1.50 m)- chlorite dacite, fine grained, greenish-grey dacite tuff with 5% blue qtz eyes, late calcite fractures (<1%), tr-2% py in fractures	< 5	0.6	15	< 1	4	46
			#120201- 141.73-142.13 (0.40 m)- silica-po zone, fine grained, grey, "bleached zone" of chlorite dacite >10% silica altered or qtz veins with tr-1% py disseminated and 8 cm mass of 30% po in QV approximately tr-1% py and 7% po	10	0.8	123	3	< 2	56
			#120202- 144.80-145.21 (0.41 m)- silica-po zone, 10-30% fine silica alteration with 2- 0.5 cm stingers of po approximately 3% po over zone	18	0.7	76	< 1	< 2	31
			At 146.05 m- a 0.5 cm fracture of 020o TCA contains 50% py and 50% chlorite along fractures						
	152.30	152.48	Weak Silicified dacite						
			Fine grained, grey-green, dacite with 5- 2% silica altered and minor white qtz and tr-py						
	154.10	154.96	Silicified Zone and tr-3% py in dacite						
			Fine grained, light green dacite with 10-50% silica altered and 1-3% py						

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			#120203- 154.10-154.96 (0.86 m)- silica zone and tr-3% py	< 5	0.7	96	< 1	5	26
	156.00	156.09	Dike- this is a coarse grained pod of the qtz eye dacite						
	161.05	161.50	45 cm long "pod"/fracture at parallel to core with 1-3 cm of 10-20% calcite altered in fractures						
			At 166.86- 1 cm fracture @ 070o TCA with 70% chlorite-calc and 30% py						
	167.73	167.82	9 cm fracture zone of >20% chlorite alteration and fine py approximately 2%						
	168.62	169.02	40 cm zone of 10-20% silica alteration of chlorite dacite plus tr-1% disseminated py and 2 cm fractured of 50% py approximately avg >2% py						
			#120204- 168.62-169.02 (0.40 m)- silica altered and 2% py	< 5	0.8	67	< 1	< 2	34
	174.00	176.00	chlorite dacite - see parental description						
176.00	**264.13**	**88.13**	**Weak-Moderate Silica altered Dacite**						
			Similar to 55.17-176.00 however 5-20% silica overprinting, locally up to 50% over 10-20 cm, with weak "bleaching" of unit to light to med gr, matrix is chlorite altered (previous) +/- sericite (<5%), grain size reduction from 2-3 mm to 1-2 mm or finer. Several small fractures (2 cm) of Qtz filling and >5% py-po. Early fractures @030o-060o infilled by calcite overprint by the silica. 5-10% med gr, blue qtz eyes; does not vary.						
			#120206- 176.00-177.50 (1.50 m)- wk silica altered dacite (WSAD), fine grained, grey to dark grey, dacite, 5% blue qtz eyes, patchy silica altered 0-10% and tr py in fractured	< 5	1	8	< 1	3	81
			#120207- 177.50-179.00 (1.50 m)- moderate silica altered dacite, very similar to #120206 with 25 cm section (~178.00 m) of 20-30% silica altered and 2 cm stringer of py-py (50%) in qtz-chlorite @ 045o TCA plus several 0.1-0.3 small py filled fractures, 2-3% py and tr-1% po	< 5	1	23	1	4	47
			#120208- 179.00-180.50 (1.50 m)- wk silica altered dacite, fine grained, grey, dacite with 5-10% silica altered and tr-1% py	< 5	0.7	67	< 1	< 2	47
			#120209- 180.50-182.00 (1.50 m)- wk silica altered dacite, same as above with 45 cm section of 3-4% py +/- po stringers, mostly weak +/- mod silica altered (<10%) over 2-5 cm)	< 5	0.6	47	< 1	< 2	35
			#120210- 182.00-183.50 (1.50 m)- weak silica altered dacite/WSAD, 5% silica altered dacite and tr py, fine grained, grey-dark grey dacite and 5% blue quartz eyes	< 5	0.7	2	< 1	4	50
			#120211- 183.50-185.00 (1.50 m)- weak-mod silica altered dacite, 10-20% silica altered dacite and tr-1% py	< 5	0.7	2	3	3	35
			#120212- 185.00-186.50 (1.50 m)- WSAD (Weakly Silica altered dacite), 5-20% silica altered dacite and tr-1% py	< 5	0.7	7	2	4	45
			#120213- 186.50-188.00 (1.50 m)- WSAD, 5-20% silica altered dacite and tr-2% py	< 5	0.6	6	1	6	41

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			#120214- 188.00-189.50 (1.50 m)- WSAD, 5% silicaa altered and tr py; 1-2% cal-ank in fractured @030o TCA	< 5	0.8	4	1	< 2	49
			#120215- 189.50-191.00 (1.50 m)- WSAD, 10-15% silica altered and 1-1.5% py as disseminated and in fractured	< 5	0.9	20	3	7	71
			#120216- 191.00-192.50 (1.50 m)- WSAD, 5-10% silical altered and >1% py	< 5	0.9	7	< 1	10	76
			#120217- 192.50-194.00 (1.50 m)- WSAD, 10-15% silica altered and 1% py	< 5	0.8	8	< 1	6	73
			#120218- 194.00-195.50 (1.50 m)- WSAD, 10-20% silica altered and 2% py as disseminated and fractured	< 5	0.8	5	< 1	4	45
			#120219- 195.50-197.00 (1.50 m)- WSAD, >10% silica altered and tr-1% py, 3-5% patches of calcite/fractured	< 5	0.7	10	< 1	3	62
			#120220- 197.00-198.50 (1.50 m)- WSAD, 5-10% silica and tr py	< 5	0.6	13	< 1	< 2	80
			#120221- 198.50-200.00 (1.50 m)- WSAD, 5% silica and tr py	< 5	0.6	11	1	2	68
			#120222- 200.00-201.50 (1.50 m)- WSAD, 10-20% silica altered, 2-3% fine py stringers, first 0.75 m has 30% silica altered and >3% py filled fractures	< 5	0.6	36	1	3	**286**
			#120223- 201.50-203.00 (1.50 m)- WSAD, 5-10% silica altered and tr-1% py	< 5	0.6	3	< 1	5	62
			#120224- 203.00-204.50 (1.50 m)- WSAD and >2% py, fine grained, frey-med grey, dacite with 5-20% silica altered and tr-py disseminated and 1-2% py in fractures; approximately >2% py	< 5	0.8	35	1	5	94
			#120225- 204.50-206.00 (1.50 m)- WSAD and tr py, 5-10% silica altered and tr-1% py	< 5	0.8	2	< 1	2	56
			#120226- 206.00-207.50 (1.50 m)- WSAD and 5% silica altered and tr-1% py	< 5	0.7	< 1	2	< 2	50
			#120227- 207.50-209.00 (1.50 m)- WSAD and 10-20% silica altered and 2-3% fine grained py in fractures	< 5	0.8	2	2	3	54
			#120228- 209.00-210.50 (1.50 m)- WSAD and 5-10% silica altered and tr-1% py	< 5	0.7	4	2	< 2	71
			#120229- 210.50-212.00 (1.50 m)- WSAD amd 10-20% silica altered and >2% py-po, typical 5% silica and tr py with last 60 cm has approximately 30% silica altered and 3-5% py-po within fractures	54	0.6	51	< 1	3	37
			#120230- 212.00-213.50 (1.50 m)- WSAD, 5-10% silica altered and tr-1% py	< 5	0.6	4	< 1	5	34
			#120231- 213.50-215.00 (1.50 m)- WSAD, 5% silica and tr py	< 5	0.6	2	2	4	30
			#120232- 215.00-216.50 (1.50 m)- WSAD, 5% silica and tr py	< 5	0.7	6	2	4	33
			#120233- 216.50-218.00 (1.50 m)- WSAD, 5-10% silica and tr-1% py	19	0.8	11	< 1	< 2	35
			#120234- Silica Sand/Blank	< 5	< 0.2	2	< 1	< 2	17
			#120235- 218.00-219.50 (1.50 m)- WSAD, 5% silica and tr py	< 5	0.8	1	< 1	3	35
			#120236- 219.50-221.00 (1.50 m)- WSAD, 10-20% silica and 1-2% py in fractures	< 5	0.6	1	1	4	33
			#120237- 221.00-222.50 (1.50 m)- WSAD, 5-10% silica and tr-1% py	< 5	0.6	1	2	2	34
			#120238- Gold Standard	**820**	**1.3**	93	76	79	158

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			#120239- 222.50-224.00 (1.50 m)- WSAD, 10% silica altered and tr py and 20 cm of 30% silica-15% silica	< 5	0.8	1	1	2	31
			#120240- 224.00-225.50 (1.50 m)- WSAD, 10% silica and tr-1% py	< 5	0.5	1	3	4	35
			#120241- 225.50-227.00 (1.50 m)- WSAD, 10-20% silica and <5% calc and tr py	< 5	0.7	< 1	2	2	31
			#120242- 227.00-228.50 (1.50 m)- WSAD, 5% silica altered dacite and >20% carbonate altered and tr py; 50% patches of unaltered	< 5	0.6	< 1	< 1	3	30
			#120243- 228.50-230.00 (1.50 m)- WSAD, 5% silica, tr py and several 5-20 cm zone of 20-30% QCV filled fractures	< 5	0.5	< 1	< 1	3	35
			#120244- 230.00-231.50 (1.50 m)- WSAD, 10% silica and tr py, several 1 cm fractures of QCV @ 050o TCA	< 5	0.8	2	< 1	4	33
			#120245- 231.50-233.00 (1.50 m)- WSAD, <5% silica and rare py	< 5	0.7	2	< 1	< 2	47
			#120246- 233.00-234.50 (1.50 m)- WSAD, <5% silica and rare py	< 5	0.7	3	< 1	< 2	39
			#120247- 234.50-236.00 (1.50 m)- WSAD, 5% silica and tr py	**136**	0.6	1	< 1	3	53
			#120248- 236.00-237.50 (1.50 m)- WSAD, 5% silica altered, tr py and 5% calc +/- qtz veins @045o; calc filled frac	< 5	0.7	15	< 1	2	56
			#120249- 237.50-239.00 (1.50 m)- 5-10% silica altered, tr-1% py with several 5-20 cm patches of 20% silica +/- calc and 1% py	< 5	0.7	< 1	< 1	3	47
			#120250- 239.00-240.50 (1.50 m)- WSAD, up to 20% silica altered and tr-1% py plus patches of 5-10 cm @ >10% calc	< 5	0.6	7	< 1	3	39
			#120251- 240.50-242.00 (1.50 m)- WSAD, 5% silica, tr py, 3-5% calc filled fractured @ 045o-060o	< 5	0.6	< 1	< 1	< 2	44
			#120252- 242.00-243.50 (1.50 m)- WSAD, 5% silica, 1% py; (possible 1-2% py), 3-5% calc filled fractured and fine disseminated	< 5	0.7	< 1	< 1	3	40
			#120253- 243.50-245.00 (1.50 m)- WSAD, 5% silica, tr py, 1-2% calc filled fractured	< 5	0.5	< 1	< 1	4	36
			#120254- 245.00-246.50 (1.50 m)- WSAD, 5% silica, tr py, 2-3% calc-epid veins @045o	< 5	0.7	< 1	< 1	2	30
			#120255- 246.50-248.00 (1.50 m)- WSAD, 5% silic, tr py, 2-3% calc in fractured	< 5	0.7	< 1	< 1	2	39
			#120256- 248.00-249.50 (1.50 m)- WSAD, 5-10% silica and tr-1% py	< 5	0.9	2	< 1	< 2	39
			#120257- 249.50-251.00 (1.50 m)- WSAD, 5-10% silica altered, tr py	< 5	0.8	< 1	1	3	40
			#120258- 251.00-252.50 (1.50 m)- WSAD, 15-20% silica altered, tr-1% py	< 5	0.7	< 1	< 1	2	43
			#120259- 252.50-254.00 (1.50 m)- WSAD, 10-15% silica altered, tr py	< 5	0.7	< 1	< 1	3	41
			#120260- 254.00-255.50 (1.50 m)- WSAD, 5% silica altered, tr py	< 5	0.6	1	< 1	3	43
			#120261- 255.50-257.00 (1.50 m)- WSAD, 5% silica altered, tr py, 2-3% patches chlorite-calc (vugs)	< 5	0.6	< 1	< 1	< 2	46
			#120262- 257.00-258.50 (1.50 m)- WSAD, 5% silica, tr py, >5% fractured in calc	< 5	0.8	< 1	2	< 2	42

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			#120263- 258.50-260.00 (1.50 m)- WSAD, 5% silica, tr py, >5% fractured of calc	< 5	0.7	2	1	< 2	41
			#120264- 260.00-261.50 (1.50 m)- WSAD, 5% silica, tr py, >5% fractured of calc	< 5	0.7	< 1	< 1	< 2	42
			#120265- 261.50-262.36 (0.86 m)- WSAD, 5% silica, tr py, >5% fractured of calc, fine grained, greenish-grey, dacite and 5-8% blue qtz eyes	< 5	0.5	2	3	< 2	38
	262.36	264.15	Carbonate Altered Chlorite Basalt with magnetite						
			29 cm zone of >50% calcite altered chlorite basalt with 1.50 m of chlorite basalt and several thin bands (<5 cm) of 2 cm mgt-chlorite-carbonate						
			#120266- 262.36-264.15 (1.79 m)- see above description	< 5	< 0.2	29	29	< 2	101
264.15	**299.00**	**34.85**	**Weakly Altered Crystal Dacite Tuff**						
			Fine grained, green-grey, crystal tuff with >10% blue qtz eyes, with patchy silica-sericite (<10%), tr py						
			#120267- 264.15-266.00 (1.85 m)- WACDT, fine to medium grained, greenish grey, dacite plus 5-8% blue qtz eyes and 5% silica altered, tr py, and 3-5% fracutres infilled with 5% calc	< 5	0.3	7	< 1	< 2	48
			#120268- 266.00-267.50 (1.50 m)- WACDT, 5% silica, tr py with 1-2% patches of sericite, 2-3% fracutres of calcite @060o TCA	< 5	0.8	7	2	4	116
			#120269- 267.50-269.00 (1.50 m)- Weakly Altered Crystal (dacite) Tuff (actinolite), 5% silica, tr-1% fine py +/- po, 5% calc in fractured	< 5	0.7	1	< 1	3	49
			#120270- 269.00- Gold Standard / SF69	**868**	**1.2**	93	81	64	154
			#120271- 269.00-270.50 (1.50 m)- actinolite, 5-10% silica +/- sericite, tr-1% py, 5% calc filled fractured at 030o and 060o	< 5	0.7	< 1	< 1	< 2	52
			#120272- 270.50-272.00 (1.50 m)- actinolite, 5-10% silica +/- sericite, tr-1% py, 5% calc in fractured	< 5	0.7	2	< 1	3	48
			#120273- 272.00-273.50 (1.50 m)- actinolite, 10% silica-sericite, tr-1% py, 3% calc in fractured	< 5	0.8	< 1	< 1	< 2	43
			#120274- 273.50-275.00 (1.50 m)- actinolite, >10% silica-sericite, tr-1% py, 3% calc in fractured	< 5	0.7	< 1	1	< 2	52
			#120275- 275.00- Silica Sand/Blank	< 5	< 0.2	< 1	< 1	< 2	20
			#120276- 275.00-276.50 (1.50 m)- actinolite, 10% silica, 1-2% fine py, 5% calc in fractured	< 5	0.5	< 1	< 1	< 2	48
			#120277- 276.50-278.00 (1.50 m)- actinolite, 10-15% silica-sericite, silica, tr-1% py, 5% calc in fractured	< 5	0.6	< 1	< 1	< 2	51
			#120278- 278.00-279.50 (1.50 m)- actinolite, 5-10% silica-sericite, tr py, 5% calc in fractured	< 5	0.6	1	< 1	4	51
			#120279- 279.50-281.00 (1.50 m)- actinolite, 5-10% silica-sericite, tr py, 5% calc in fractured	< 5	0.9	6	< 1	< 2	54

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			#120280- 281.00-282.50 (1.50 m)- actinolite, 5% silica-sericite, tr py, 5% calc in fractured	< 5	0.7	< 1	< 1	< 2	54
	282.50	299.00	Weakly Altered Crystal Tuff (dacite)						
			Fine grained, felsic tuff with >10% blue qtz eyes with very (0-10%) patch silica-sericite altered (<5%) and rare py (<0.25%). alteration decreasing downhole; wk shear @ 070o approximately 2-10 cm						
			#120281- 282.50-284.00 (1.50 m)- actinolite, 5% silica-sericite, tr py, 3% calc in fractured	< 5	0.6	< 1	1	4	60
			#120282- 284.00-285.50 (1.50 m)- actinolite, 5-10% silica-sericite, tr py, 5% calc fractured	< 5	0.6	< 1	< 1	< 2	62
			#120283- 285.50-287.00 (1.50 m)- actinolite, 5-10% silica-sericite, tr py, 5% calc fractured	< 5	0.6	< 1	< 1	2	62
			#120284- 287.00-288.50 (1.50 m)- actinolite, 5% silica-sericite patches (up to 20 cm), tr py	< 5	0.5	< 1	< 1	3	61
			#120285- 288.50-290.00 (1.50 m)- actinolite, 10-15% silica-sericite, tr-1% py	< 5	0.6	< 1	< 1	< 2	62
			#120286- 290.00- 291.50 (1.50 m)- actinolite, 5% silica-sericite, tr py	< 5	0.7	< 1	< 1	< 2	51
			#120287- 291.50-293.00 (1.50 m)- actinolite, 5% silica-sericite, tr py	< 5	0.5	< 1	< 1	< 2	55
			#120288- 293.00-294.50 (1.50 m)- actinolite, 5% silica-sericite, tr py	< 5	0.7	< 1	< 1	3	54
			#120289- 294.50-296.00 (1.50 m)- actinolite, <5% silica-sericite, rare py	< 5	0.6	< 1	< 1	< 2	137
			#120290- 296.00-297.50 (1.50 m)- actinolite, <5% silica-sericite, rare py	< 5	0.7	< 1	4	2	54
			#120291- 297.50-299.00 (1.50 m)- actinolite, <5% silica-sericite, rare py	< 5	0.9	3	< 1	3	54
299.00			**End of Hole**						

Re-Sampling of 120166 -120172 (21.40m-31.22m; 9.82m length) in actinolite-chlorite altered gabbro and sheared gabbro

Client ID	Au	Pt	Description	Pd	Ag	Cu	Ni	Pb	Zn
	ppm	ppm		ppm	ppm	ppm	ppm	ppm	ppm
120166	0.005	0.042	Chlorite-Actinolite Gabbro +/- Shearing	0.038	5	30	482	6	171
120167	0.005	0.023	Chlorite-Actinolite Gabbro +/- Shearing	<0.01	6	21	527	5	140
120168	0.006	0.040	Chlorite-Actinolite Gabbro +/- Shearing	0.019	5	29	527	2	126
120169	0.006	0.061	Chlorite-Actinolite Gabbro +/- Shearing	0.010	4	22	481	5	104
120170	0.005	0.054	Chlorite-Actinolite Gabbro +/- Shearing	0.022	5	3	452	2	99
120171	0.005	0.066	Chlorite-Actinolite Gabbro +/- Shearing	<0.01	7	46	676	7	70
120172	0.005	0.055	Chlorite-Actinolite Gabbro +/- Shearing	0.019	3	23	644	4	97
avg	**0.005**	**0.049**	Chlorite-Actinolite Gabbro +/- Shearing	**0.015**	**5**	**25**	**541**	**4**	**115**

NuVision Resources ULC - Cat Key Property									
Drill Hole Summary:			**NVR14-3**	End of Hole:		261.15m			
Grid Location:			L38+50E 17+00N	Logged By:		Allen J. Raoul, PGeo.			
UTM Location:			520251E 5399160N (NAD83, Zone15)	Date:		October 29 - 31, 2014			
Direction:			Azm 325o @ -050o	Other:		Mallette Drilling			
fractures (m)	**To (m)**	**Interval (m)**	**Description**	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Ni (ppm)**	**Pb (ppm)**	**Zn (ppm)**
0.00	**3.00**	**3.00**	**Casing**						
3.69	**29.96**	**26.27**	**Quartz Eye Tuff /Dacite (Lapilli) Tuff**						
			Medium grained, green-grey, felsic tuff flow with 5-8% blue qtz eyes and 5-10% chlorite-biotite +/- sericite altered in matrix. Weak-mod foliation @ 050o TCA. Rare py (<0.25%).						
	7.05	7.85	Shear Zone in Dacite tuff / flow						
			fractured zone @ 050o TCA with >20% chlorite-calcite altered						
			At 9.79m, 4 cm QCV @ 030o TCA						
	14.19	17.72	Shear Zone in Dacite tuff / flow						
			Fine grained, green, >20-30% chlorite-calcite altered, sheared @ 040o TCA, dacite and 5-8% blue qtz eyes. 5-10% calcite +/- qtz filled shears and fractures (2-10 cm). Tr-1% py as coarse cubes. 10 cm hematized zone @ 030o						
			#120292- 14.19-15.50 (1.31 m) - shear zone, >20% chlorite-carbonate shear dacite and tr py	< 5	< 0.2	4	< 1	< 2	51
			#120293- 15.50-16.75 (1.25 m)- shear zone, >20%- chlorite-carbonate shear dacite and tr py	7	< 0.2	41	115	< 2	87
			#120294- 16.75-17.72 (0.97 m)- shear zone, 20% chlorite-carbonate shear dacite and 1% py	< 5	< 0.2	9	**296**	< 2	100
	19.61	20.13	Silica altered Dacite						
			52 cm zone of >20% fine grained silica +/- calcite overprinting on fracture zone @ 045o TCA; rare py (<0.25%)						
			#120295- 19.61-20.13 (0.52 m)- silica zone	< 5	< 0.2	1	< 1	< 2	39
	26.47	26.58	Silica altered Dacite						
			51 cm zone of >20% fine grained silica +/- calcite overprinting on fracture (045o TCA) with tr-1% py						
			#120296- 26.47-26.58 (0.11 m)- 51cm silica zone	< 5	0.3	< 1	< 1	< 2	93
			#120297- 26.58-28.00 (1.48 m)- dacite tuff flow (sampling parent), fine grained, green-grey, 10% chlorite-sericite matrix plus 8-10% blue quartz eyes, rare py	< 5	0.3	< 1	1	< 2	87
			#120298- 28.00-29.10 (1.10 m)- dacite tuff flow, same as #120296	< 5	0.4	< 1	< 1	< 2	84

fractures (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
	29.10	29.96	Silica altered QV in Dacite and 2% Py						
			Fine to medium grained, dacite and 8% blue quartz eyes with >20% silica overprints the 5% QV @ 060o-070o. 1-3% fine py or as coarse cubes						
			#120299- 29.10-29.96 (0.86 m)- silica and qv in dacite plus 1-3% py	< 5	< 0.2	5	1	3	30
29.96	**38.42**	**8.46**	**Weakly Sheared Andesite to Basalt**						
			Fine grained, green-grey, dacite with 1-2% blue qtz eyes with 10-40% chlorite-biotite-calcite altered in fractures @ 050o. Late qv (0.5-2 cm) @ 030o-060o TCA. Tr-1% py or po						
			Several 5-20 cm zones of >50% chlorite-calcite +/- biotite and 5% qtz veining and 2% py						
			#120300- 29.96-31.00 (1.04 m)- sheared andesite-basalt, 10-20% chlorite-biotite-calcite altered in weak-mod shear basalt @ 040o TCA, tr py	< 5	< 0.2	< 1	18	< 2	95
			#120301- 31.00-32.00 (1.00 m)- sheared andesite-basalt, 10-20% chlorite-biotite-calcite and 2 cm calcite vein and last 60 cm is fractures infilled with calcite approximately 30% calcite, rare py	< 5	< 0.2	< 1	16	< 2	87
			#120302- 32.00-33.50 (1.50 m)- shear andesite-basalt, 10-20% chlorite-biotite-calcite and tr-1% po along fracture @ 045o	< 5	< 0.2	< 1	16	< 2	62
			#120303- 33.50-35.00 (1.50 m)- shear andesite-basalt, >20% chlorite-biotite-calcite and tr py	< 5	< 0.2	< 1	16	< 2	72
			#120304- 35.00- GoldStandard / SF-67	**918**	**1.4**	97	82	74	153
			#120305- 35.00-36.50 (1.50 m)- shear andesite-basalt, >20% chlorite-biotite-calcite altered, 5 cm qv at lower contact, tr py	< 5	< 0.2	< 1	13	< 2	70
			#120306- 36.50-38.00 (1.50 m)- shear andesite-basalt, >20% chlorite-biotite-calcite altered, several 2-5 cm qv, tr py	< 5	< 0.2	< 1	14	< 2	69
			#120307- 38.00-38.42 (0.42 m)- shear andesite-basalt, >10 cm chlorite-biotite-calcite altered and 2 cm qv at contact, tr py	< 5	< 0.2	< 1	18	< 2	95
38.42	**68.86**	**30.44**	**Sheared Basalt and chlorite-calcite-Silica and Tr-2% Pyrite-Pyrrhotite**						
			Fine grained, grey to grey-green, >20% chlorite-calcite +/- biotite altered Basalt, due to 050o shearing, with 2-10% silica overprinting as silicification (1-10 cm zones) or 0.5-4 cm qv. Trace-2% py +/- po						
			#120308- 39.50-41.00 (0.50 m)- sheared basalt and tr-2% py, 20% chlorite-calcite altered basalt with several 30-40 cm sections of >30% silica altered and tr-2% py	< 5	< 0.2	< 1	18	< 2	75
			#120309- 41.00- Silica Sand/Blank Standard	< 5	< 0.2	< 1	< 1	< 2	21
			#120310- 41.00-42.50 (1.50 m)- shear basalt, 20% chlorite-calcite altered basalt with 2% qv (<2 cm)	< 5	< 0.2	< 1	22	< 2	86
			#120311- 42.50-44.00 (1.50 m)- shear basalt, 20% chlorite-calcite altered basalt and tr py	< 5	< 0.2	< 1	24	< 2	81

fractures (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			#120312- 44.00-45.50 (1.50 m)- shear basalt, 20% chlorite-calcite altered basalt and tr py	< 5	< 0.2	< 1	29	< 2	73
			#120313- 45.50-47.00 (1.50 m)- shear basalt, 20% chlorite-calcite altered basalt and tr py	< 5	< 0.2	< 1	26	< 2	49
			#120314- 47.00-48.50 (1.50 m)- shear basalt, 20% chlorite-calcite altered plus 10 cm patch of 20% silica-epid	< 5	0.2	3	33	< 2	29
			#120315- 48.50-50.00 (1.50 m)- shear basalt, 20% chlorite-calcite altered and several 2-3 cm qcv @ 060o	< 5	< 0.2	< 1	34	< 2	38
			#120316- 50.00-51.50 (1.50 m)- shear basalt, 20% chlorite-calcite altered and 4 cm qv @ 045o	< 5	< 0.2	11	32	< 2	46
			#120317- 51.50-53.00 (1.50 m)- shear basalt, 20% chlorite-calcite altered plus 5% qcv at 045o, tr-1% py	27	< 0.2	15	39	< 2	76
			#120318- 53.00-54.50 (1.50 m)- shear basalt, 20% chlorite-calcite altered plus 1-2% calcite veins @ 045o	7	< 0.2	98	45	< 2	55
			#120319- 54.50-56.00 (1.50 m)- shear basalt, 20% chlorite-calcite plus 5-10% calcite filled vugs/amyg, last 30 cm is sheared/fracture unit, and tr-2% py-po	< 5	< 0.2	< 1	48	< 2	46
			55.90-56.30 (0.40 m)- calcite-chlorite shear @ 045o TCA, >50% in Basalt						
			#120320- 56.00-57.50 (1.50 m)- shear Basalt, 30-50% calcite-chlorite altered and rare py and 0.30 m of shear zone (above) and 5 cm qcv @ 030o	< 5	< 0.2	< 1	50	< 2	42
			#120321- 57.50-59.00 (1.50 m)- shear basalt, 20-30% calcite-chlorite altered, rare py	< 5	< 0.2	< 1	56	< 2	59
			#120322- 59.00-60.50 (1.50 m)- shear basalt, 20-30% calcite-chlorite altered, rare py and 2% qcv @ 045o TCA	< 5	< 0.2	< 1	58	< 2	60
			#120323- 60.50-62.00 (1.50 m)- shear basalt, 20-30% calcite-chlorite, rare py	< 5	< 0.2	< 1	54	< 2	66
			#120324- 62.00-63.50 (1.50 m)- shear basalt, 20-30% calcite-chlorite, rare py and 3% qcv @ 045o	10	< 0.2	< 1	10	< 2	70
			#120325- 63.50-64.25 (0.75 m)- shear basalt, 20-30% calcite-chlorite and tr-2% py-po	< 5	< 0.2	5	3	< 2	65
	64.25	68.86	Silica altered Basalt with chlorite-carbonate						
			10-50% fine, white silica altered or qv in the 20-30% carbonate-chlorite altered Basalt. The silica can have 2-3% py +/- po while the carbonate-chlorite has tr py						
			#120326- 64.25-65.75 (1.50 m)- silica-calcite-chlorite basalt, 30% silica/qtz flooding or calcite-chlorite basalt with tr-1% py, tr cpy	9	< 0.2	< 1	1	< 2	45
			#120327- 65.75-67.25 (1.50 m)- calcite-chlorite basalt and minor silica, calcite-chlorite altered basalt with small zones (<10 cm) of silica altered; <10% of unit with tr-2% py +/- cpy	19	< 0.2	< 1	2	< 2	173
			#120328- 67.25-68.86 (1.61 m)- calcite-chlorite basalt and minor silica, similar to #120327, 20% calcite-chlorite basalt with small zones (<5 cm) of silica altered	8	< 0.2	5	< 1	< 2	**244**

fractures (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
68.86	**72.30**	**3.44**	**Silica Flooded (>50%) Basalt**						
			70-90% silica replacement of chlorite-carbonate (10-20%) altered Basalt with foliation @ 060o, Tr-2% py, especially in basalt fractures						
			#120329- 68.86-70.23 (1.37 m)- qtz altered basalt, >90% qtz flooded basalt with >10% fractures of basalt and 5% py	51	< 0.2	3	1	3	26
			#120330- 70.23-71.60 (1.37 m)- qtz altered basalt, >80% qtz flooded basalt with >15% fractures of basalt and 1% py	< 5	< 0.2	2	1	< 2	17
			#120331- 71.60-72.30 (0.70 m)- chlorite-carbonate basalt, 95% of 20% chlorite-carbonate altered basalt and 2-3% py and 5% qv @ 080o	< 5	< 0.2	3	331	< 2	131
72.30	**96.54**	**24.24**	**Silica Flooded Felsic Porphyry**						
			fractures 5-50% fractures/ clasts (0.5-20 cm) of fine to medium grained, pink felsite to kspar porphyry with 5% sericite altered. Tr py as disseminations. fractures 50-95% white quartz as silification or quartz veins within fractures and rare py.						
			#120332- 72.30-74.00 (1.70 m)- silica altered felsic porphyry (feldspar porphyry), 33% qtz flooding in plag-kspar-qtz feldspar porphyry, tr py	**2160**	**1.3**	2	2	3	5
			#120333- 74.00-75.50 (1.50 m)- felsic porphyry and qv, 10% qtz veins (1-5 cm) in ladder like fractures in feldspar porphyry with >10% sericite altered	5	< 0.2	2	< 1	< 2	5
			#120334- 75.50-77.00 (1.50 m)- silica altered feldspar porphyry, 25% silica flooding of feldspar porphyry	5	< 0.2	1	< 1	< 2	6
			#120335- 77.00-78.50 (1.50 m)- silica flood feldspar porphyry, 20-25% silica flooding of feldspar porphyry	5	< 0.2	< 1	1	3	6
			#120336- 78.50-80.00 (1.50 m)- silica flood feldspar porphyry, 30% silica flooding of feldspar porphyry	**1900**	< 0.2	< 1	< 1	< 2	7
			#120337- 80.00-81.50 (1.50 m)- silica flood feldspar porphyry, 20% silica flooding of feldspar porphyry	< 5	< 0.2	< 1	2	3	9
			#120338- 81.50-83.00 (1.50 m)- silica flood feldspar porphyryph, 30% silica flooding of feldspar porphyry and 5% basalt clasts	5	< 0.2	2	2	2	8
			#120339- 83.00-84.50 (1.50m)- silica altered feldspar porphyry, 20% qv in feldspar porphyry and 10% clast of basalt-qv + 1-2% py; no sulphide in feldspar porphyry or qv	< 5	< 0.2	4	1	< 2	9
			#120340- 84.50-86.00 (1.50 m)- silica altered feldspar porphyry, 10% qv in feldspar porphyry; fine grained, white "felsite" with 5% kspar phenocrysts	29	< 0.2	3	2	< 2	18
			#120341- 86.00-87.50 (1.50 m)- silica altered feldspar porphyry, 10 qv in feldspar porphyry and last 53 cm in qv brg chlorite basalt	< 5	< 0.2	< 1	2	2	10
			#120342- 87.50-89.00 (1.50 m)- silica altered feldspar porphyry and basalt, 5-10% qv in feldspar porphyry with >40% clasts of chlorite-basalt within, crosscut by qv, tr py	36	< 0.2	< 1	1	< 2	12

fractures (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			#120343- 89.00-90.50 (1.50 m)- silica altered feldspar porphyry-basalt, 5-10% qv in feldspar porphyry with 20% basalt chlorite and tr-1% py-cpy (blebs) in fracture	< 5	< 0.2	1	2	3	13
			#120344- 90.50-92.00 (1.50 m)- silica altered feldspar porphyry, 5-10% qv in feldspar porphyry and <5% basalt	< 5	< 0.2	< 1	< 1	< 2	19
			#120345- 92.00- Silica Sand/Blank Standard	< 5	< 0.2	1	1	< 2	10
	92.00	96.54	Porphyry-white ground mass with 3% hbl, approximately 10% grey qtz, and >5-20% coarse kspar-plag crystals, these feldspars can be 50% of matrix						
			#120346- 92.00-93.50 (1.50 m)- silica altered feldspar porphyry, 5-10% qv in feldspar porphyry and 5% basalt, rare py	28	< 0.2	< 1	3	< 2	7
			#120347- 93.50-95.00 (1.50 m)- silica altered feldspar porphyry, 5-10% qv in feldspar porphyry and 10-15% basalt, tr py	< 5	< 0.2	2	1	2	12
			#120348- 95.00-96.54 (1.54 m)- silica altered felsic flow, 5-10% qv in feldspar porphyry, tr py, 10% basalt fractures, @ 96.05- 15 cm raft of pegmatite kspar infilled with 2cm qv	< 5	< 0.2	5	< 1	< 2	16
96.54	**108.37**	**11.83**	**Silica Flooded chlorite-carbonate-Silica basalt and <10% feldspar porphyry fractures**						
			Medium grained, green-grey, fracture unit of >50% calcite-chlorite altered Basalt, 2 stages of silica 1) 1st with chlorite-carbonate, 2) 2nd with under 5% carbonate, 0-10% clasts of feldspar porphyry (2-5 cm) and 5-20% white qv @ 030o, 060o, 090o, tr-2% py in locallized areas, fine brown altered (biotite breakdown) approximately 2-3% with chlorite-carbonate in basalt						
			#120349- 96.54-98.00 (1.46 m)- silica altered basalt, 5-10% qv +/- calcite overprinting Basalt with >20% chlorite-calcite-silica, 1-2% py altered (moderate) and tr-1% py; py in early altered; net textured	47	0.3	17	4	< 2	19
			#120350- 98.00-99.50 (1.50 m)-silica altered basalt, 5-10% qv in chlorite-carbonate-silica basalt and tr-2% py (net textured)	**2070**	< 0.2	4	5	3	16
			#120351- 99.50-101.00 (1.50 m)- silica altered basalt, 5-10% qv in chlorite-carbonate-silica basalt and tr-2% py	**366**	**1.2**	96	78	69	157
			#120352- 101.00- Gold Standard	**915**	**1.2**	96	78	69	157
			#120353- 101.00-102.50 (1.50 m)- silica altered basalt, 5-10% qv in chlorite-carbonate-silica basalt and 1-2% py and cpy	15	< 0.2	3	4	< 2	71
			#120354- 102.50-104.00 (1.50 m)- silica altered basalt, 5-10% qv in chlorite-carbonate-silica basalt and 1-3% py-po-cpy	< 5	< 0.2	< 1	15	3	40
			#120355- 104.00-105.50 (1.50 m)- silica altered basalt, 5% qv in chlorite-carbonate-silica basalt and tr-1% py	< 5	< 0.2	< 1	7	4	36
			#120356-105.50-107.00 (1.50 m)- silica altered basalt, 5% qv in chlorite-carbonate-silica basalt and tr py	< 5	< 0.2	< 1	6	< 2	27
			#120357- 107.00-108.37 (1.37 m)- silica altered basalt, 10-15% qv in chlorite-carbonate-silica basalt and tr-1% py	5	< 0.2	113	5	4	25

fractures (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
108.37	**114.56**	**6.19**	**Sheared chlorite Basalt with carbonate Zones or Quartz Veins**						
			Fine grained, green, >10% chlorite altered Basalt with weak-mod shear at 045o-20o downhole; has <5% calcite altered in shear. Several pockets 10-50 cm of >30% calcite-chlorite fracture zone. Several veins (5-10 cm) of 60% qtz- 40% chlorite clasts @ 090o-045o. Majority of shear at 020o TCA						
			#120358- 108.37-110.00 (1.63 m)- 60 cm of 30% qv in chlorite-basalt, 50 cm of >50% calcite-chlorite altered basalt and last 0.57 m is shear basalt @ 045o TCA	< 5	< 0.2	16	18	< 2	91
			#120359- 110.00-111.50 (1.50 m)-60cm of 50% qv in chlorite basalt and remainder .090m is shear basalt at 020o TCA	55	< 0.2	32	25	< 2	88
			#120360- 111.50-113.00 (1.50 m)- sheared Basalt, all in shear basalt @020o TCA	10	< 0.2	41	27	< 2	101
			#120361-113.00-114.56 (1.56 m)- sheared Basalt, all in shear basalt @020o TCA	16	< 0.2	34	25	< 2	88
114.56	**117.74**	**3.18**	**Calcite-chlorite altered Basalt**						
			Fine grained, greenish, >20% chlorite basalt with pockets >20-50 cm of 50% chlorite-carbonate in fracture zones, tr-2% py as dissem and in fractures						
			#120362- 114.56-116.00 (1.44 m)- chlorite-carbonate basalt, >20-30% chlorite-carbonate altered in fractures of basalt and tr py	< 5	< 0.2	< 1	3	< 2	28
			#120363- 116.00-117.74 (1.74 m)- chlorite-carbonate basalt, >20% chlorite-carbonate altered in fractures of basalt and tr-1% py	< 5	< 0.2	3	8	< 2	38
117.74	**135.71**	**17.97**	**Silicified Basalt**						
			Fine grained, light grey-green, silica altered (10-40%) Basalt with small patches of <10 cm of epidote altered or kspar altered in fracture zones. 3-5% late stage qv or qcv at 080o-060o TCA. tr-1% py; pockets of 10% calcite in fracture zones						
			#120364- 117.74-119.00 (1.26 m)- silica basalt, 20-25% silica altered of basalt plus 10 cm zone of 50% silica-epid, 1% py	< 5	< 0.2	< 1	< 1	< 2	23
			#120365- 119.00-120.50 (1.50 m)- silica basalt, 15-20% silica altered basalt plus several 5-10cm zones of carbonate-chlorite @060o	8	< 0.2	< 1	< 1	< 2	6
			#120366- 120.50-122.00 (1.50 m)- silica basalt, 10-15% silica altered Basalt plus 8 cm zone of >50% silica-felsicd-qv, tr py	< 5	< 0.2	< 1	< 1	2	8
			#120367- 122.00-123.50 (1.50 m)- silica basalt, 20-25% silica altered basalt and tr-1% py	< 5	< 0.2	< 1	< 1	< 2	9
			#120368- 123.50-125.00 (1.50 m)- silica basalt, 15-20% silica altered basalt and 5% qcv veins @ 070o TCA	< 5	< 0.2	< 1	< 1	< 2	6

fractures (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			#120369- 125.00-126.50 (1.50 m)- silica basalt, 15-20% silica altered in basalt and 15 cm zone of coarse plag-epid and 10% coarse (0.5 cm) garnets	< 5	< 0.2	< 1	< 1	< 2	< 2
			#120370- 126.50-128.48 (1.98 m)- silica basalt, 20-25% silica altered basalt and tr py	< 5	< 0.2	< 1	< 1	< 2	< 2
	128.48	131.13	High Silica altered Basalt						
			Fine grained, light grey-green Basalt with >50% silica overprinting and tr py						
			#120371- 128.48-130.00 (1.52 m)- high silica basalt, >50% silica altered basalt and <5% late calcite fracture; 1% py	< 5	< 0.2	< 1	< 1	< 2	5
			#120372- 130.00-131.13 (1.13 m)- high silica basalt, <50% silica altered basalt, <5% late calcite fracture, 1% py	< 5	0.2	< 1	< 1	< 2	6
			#120373- 131.13- 132.50 (1.37 m)- silica basalt, 15-20% silica altered basalt plus 0.5 m chlorite-calcite approximately 50% shear (132.00-132.50 m) @045o TCA	< 5	< 0.2	< 1	1	< 2	52
			#120374- 132.50-134.00 (1.50 m)- silica basalt, 20-25% silica altered basalt plus 5% late calcite filled fracture, tr py	< 5	< 0.2	< 1	< 1	< 2	66
			#120375- 134.00-135.71 (1.71 m)- silica basalt, 20-25% silica altered basalt plus several 10-20 cm zones chlorite-calcite basalt	< 5	< 0.2	< 1	2	< 2	102
135.71	**139.80**	**4.09**	**Chlorite Basalt +/- 20% calcite or qtz patches**						
			Fine grained, green, >10-20% chlorite altered Basalt with 5-10 cm patches of 20% calcite or small fractures of qtz (<5 cm)						
			#120376- 135.71-137.21 (1.50 m)- chlorite basalt, 15-20% calcite pockets in chlorite basalt	< 5	< 0.2	1	< 1	< 2	**419**
			#120377- 137.21-138.71 (1.50 m)- chlorite basalt, 10% calcite pockets in chlorite basalt and 2- 0.5 cm stringers of py approximately 1-2% py	< 5	< 0.2	4	< 1	< 2	**404**
			#120378- 138.71-139.80 (1.09 m)- chlorite basalt, 15-20% calcite pockets in basalt with 15 cm zone of 20-30% silica and a few silica fractures (<5 cm)	< 5	< 0.2	< 1	2	< 2	**1070**
139.80	**180.36**	**40.56**	**Silica altered chlorite Basalt**						
			Fine grained, light-medium grey, chlorite Basalt with 20-50% silica overprinting plus <5% late calcite filled fracture; trace py						
			#120379- 139.80-141.00 (1.20 m)- silic-chlorite basalt, 10-20% silica altered basalt with >30% larger clasts of chlorite basalt; <2% calcite altered	< 5	< 0.2	< 1	< 1	< 2	146
			#120380- 141.00-142.50 (1.50 m)- silica chlorite basalt, 20-50% silica altered and <5% basalt fractures; 1% calcite fracture, tr py	8	< 0.2	1	2	3	34
			#120381- 142.50-144.09 (1.59 m)- silica chlorite basalt, 20-30% silica altered of basalt, 10-20% basalt fractures, 1-2% calcite filled fractures, tr py	< 5	< 0.2	< 1	4	< 2	21
			#120382- 144.09- Gold Standard	**682**	**1.3**	92	78	71	149
	144.09	146.32	Silica-carbonate altered basalt (Shear)						

fractures (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			Fine grained, grey-green, moderate to high sheared (045o TCA) Basalt with 20% chlorite-carbonate altered with small zones (<10 cm) of 10-30% silica; tr-2% py especially in shearing						
			#120383- 144.09-145.20 (1.11 m)- carbonate altered basalt and silica, <20% chlorite-carbonate altered basalt plus several 5-10 cm zones of >20% silica	< 5	< 0.2	< 1	1	< 2	102
			#120384- 145.20-146.32 (1.12 m)- carbonate altered basalt and silica, same as #120383	< 5	< 0.2	< 1	< 1	< 2	172
			#120385- 146.32-147.50 (1.18 m)- silica chlorite basalt, 10-40% silica (inc downhole) altered of basalt and <20% basalt fractures	< 5	< 0.2	< 1	< 1	< 2	99
			#120386- 147.50-149.00 (1.50 m)- wk silica chlorite basalt, 5-10% weak silica altered of Basalt with 2-10 cm units of 50% silica; average-15%, tr py plus 2% py in locallized fracture zone approximately 1-15% py	< 5	< 0.2	< 1	2	< 2	**218**
			#120387- 149.00- Silica Sand/Blank Standard	< 5	< 0.2	< 1	< 1	< 2	18
			#120388- 149.00-150.50 (1.50 m)- wk silica chlorite basalt, 5-10% weak silica altered and >70% basalt clasts	< 5	< 0.2	< 1	< 1	< 2	73
			#120389- 150.50-152.00 (1.50 m)- wk silica chlorite basalt, 5-10% weak silica altered and >70% basalt clasts	< 5	< 0.2	< 1	< 1	< 2	76
			#120390- 152.00-153.50 (1.50 m)- silica altered basalt, 20-50% silica altered basalt and tr py	< 5	< 0.2	< 1	< 1	< 2	27
			#120391- 153.50-155.00 (1.50 m)- silica altered basalt, 20% silica altered basalt with 10-20% previous calcite altered in fracture; tr py	< 5	< 0.2	< 1	< 1	< 2	18
			#120392- 155.00-156.50 (1.50 m)- silica altered basalt, 20-30% silica altered basalt with several 10 cm units of chlorite-carbonate basalt and 1% py	< 5	< 0.2	< 1	< 1	< 2	21
			#120393- 156.50-158.18 (1.68 m)- silica altered basalt and 0.6 m shear, 20-30% silica altered basalt plus last 0.6 m is >30% chlorite-calcite shear basalt @030o	< 5	< 0.2	< 1	< 1	< 2	31
			#120394- 158.18-159.50 (1.32 m)- silica altered basalt, 20-50% silica altered basalt plus tr-2% py	< 5	< 0.2	< 1	2	< 2	8
			#120395- 159.50-161.00 (1.50 m)- silica altered basalt, 20-30% silica altered basalt with 15 cm of carbonate-chlorite shear basalt @045o	< 5	< 0.2	< 1	< 1	< 2	15
	161.00	180.36	Silica Altered Basalt with 10-30% chlorite-sericite alteration						
			#120396- 161.00-162.50 (1.50 m)- silica-sericite-chlorite Basalt - moderate chlorite-sericite altered Basalt with 20-50% silica overprint, tr-2% calcite in late fracture	< 5	< 0.2	< 1	2	< 2	17
			#120397- 162.50-164.00 (1.50 m)- silicaia-sericite-chlorite basalt, mod. chlorite-sericite (20%) altered Basalt with 20-30% silica overprint, tr py and calcite 2% in fracture	< 5	< 0.2	< 1	< 1	< 2	30
			#120398- 164.00-165.50 (1.50 m)- silica-sericite-chlorite basalt, mod chlorite-sericite (10%) altered basalt with 5-10% silica overprint, tr-2%	< 5	< 0.2	< 1	< 1	< 2	46
			#120399- 165.50-167.00 (1.50 m)- silica-sericite-chlorite basalt, mod chlorite-sericite altered Basalt with 30-50% silica, tr py	< 5	< 0.2	< 1	2	< 2	16

fractures (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			#120400- 160.00-168.50 (1.50 m)- silica-sericite-chlorite basalt, mod chlorite-sericite altered basalt with 30-50% silica and tr py; 28 cm chlorite-carbonate fracture @167.50 m at 060o TCA	< 5	< 0.2	< 1	< 1	< 2	21
			#120401- 168.50-170.00 (1.50 m)- silica-sericite-chlorite basalt, mod chlorite-sericite altered basalt with 20-50% silica, tr py	< 5	< 0.2	< 1	< 1	< 2	8
			#120402- 170.00-171.50 (1.50 m)- silica-sericite-chlorite basalt, mod chlorite-sericite altered basalt and 20-50% silica, 2% calcite in fracture, tr py	< 5	< 0.2	< 1	< 1	< 2	8
			#120403- 171.50-173.00 (1.50 m)- Silica-sericite-chlorite basalt (SSCB), mod chlorite-sericite altered basalt pus 20-30% silica altered, tr py	< 5	< 0.2	< 1	< 1	3	8
			#120404- 173.00-174.50 (1.50 m)- SSCB, mod chlorite-sericite altered basalt plus 20-30% silica, tr py	< 5	< 0.2	< 1	< 1	< 2	13
			#120405- 174.50-176.00 (1.50 m)- SSCB, mod chlorite-sericite altered basalt plus 5-10% silica, 1% py	< 5	< 0.2	< 1	1	< 2	20
			#120406- 176.00-177.50 (1.50 m)- SSCB, mod-chlorite-sericite-altered basalt plus 10-15% silica, 1% py	< 5	< 0.2	< 1	< 1	< 2	22
			#120407- 177.50-179.00 (1.50 m)- SSCB, mod chlorite-sericite altered basalt plus 10-15% silica, 1% py	< 5	< 0.2	< 1	1	< 2	41
			#120408- 179.00-180.36 (1.36 m)- SSCB, mod chlorite-sericite altered basalt plus 20-25% silica, 1% py	< 5	< 0.2	< 1	< 1	< 2	43
180.36	**192.58**	**12.22**	**Chlorite Basalt**						
			Fine, green >10-20% chlorite altered Basalt. 1-2% late fractures @ 050o infilled with calcite or qtz						
			#120409- 180.36-182.00 (1.64 m)- chlorite basalt, chlorite basalt and 2% calcite fracture @ 050o	< 5	< 0.2	< 1	< 1	< 2	80
			#120410- 182.00-183.50 (1.50 m)- chlorite basalt, chlorite basalt and 2 cm qv @050o	< 5	< 0.2	< 1	< 1	< 2	79
			#120411- 183.50-185.00 (1.50 m)- chlorite basalt, chlorite basalt with last 0.85m is sheared chlorite basalt @ 040o plus 2-5% calcite infilled (rubble)	**99**	0.2	14	< 1	< 2	105
			At 191.93-192.58, 65 cm chlorite-carbonate (>30%) altered in shear @ 025o in chlorite basalt						
192.58	**261.15**	**68.57**	**Chloritic Felsic Crystal Tuff (or altered Granite)**						
			Medium grained, green, massive, granitic unit with >20% med-gr qtz and >20% chlorite altered of matrix, can have mag suscept up to 10.00 but no visible magnetite						
			At 193.54-194.03- 49 cm shear zone @ 030o of 30% carbonate altered chlorite basalt						
			At 196.28-196.73- 45 cm shear zone @ 060o of 10-20% carbonate al t chlorite basalt						
			At 200.00-200.14- 14 cm shear zone @050o of 20% carbonate altered						

fractures (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			#120412- 192.72-194.22 (1.50 m)- chlorite felsic tuff flow, same as above with 49 cm of chlorite-carbonate shear basalt	< 5	< 0.2	< 1	< 1	< 2	16
			#120413- 194.22-195.72 (1.50 m)- chlorite felsic dike, same as above but no shear however, 5-20% chlorite altered of matrix	9	< 0.2	< 1	< 1	< 2	16
	200.00	201.45	Chlorite Basalt						
			Fine grained, green, chlorite (10-15%) Basalt flow with weak to moderate foliation @050o						
			At 200.31-200.65 (0.34 m)- 1-2 cm QCV along core axis @010o TCA in chlorite shear basalt						
			At 202.80-202.96- chlorite-basalt (fracture), 31 cm of fine, green chlorite basalt plus 2% calcite altered						
			At 205.79-206.39- chlorite basalt (fractured), 60 cm of fine, green, chlorite basalt plus 5% carbonate veins@050o						
			At 210.77-211.16- chlorite silica altered felsic dike, fine grained, light green, chlorite altered felsite dike/granite with 5% silica overprinting, no sulphides						
			At 211.16-212.55- chlorite basalt (fractured), fine grained, green, chlorite basalt (fractured) plus 2-3% qcv @060o						
			Several 0.5-1.0 m wide sections that are >10% chlorite altered (green) versus "grey" versus has <5% chlorite laths, late stage calcite fracturing at variable directions 3-10%						
			At 215.16, 7 cm dike of qtz-kspar-plag @060o						
			At 225.07, 11 cm qv and 5% py @030o TCA						
			At 224.80-227.57- 3-5% fractures of calcite filled/variable directions plus @227.25-3cm qtz-plag-kspar vein @078o						
			At 231.20-232.00- chlorite Basalt fractured with 5-7% calcite filled amyg @060o foliation						
			At 232.60-232.71- 11 cm fracture @050o with >20% calcite filled						
			At 233.90, 20cm fracture (1-2 cm) infilled with calcite along core axis						
	236.00	236.97	Felsic Tuff / flow with 3-7% Py						
			fine grained, light grey-green, felsic tuff flow with 3-7% mg, py crystals within matrix						
			#120414- 236.00-236.92 (0.92 m)- py brg felsic tuff flow, see above	21	< 0.2	< 1	1	< 2	24
			At 245.92-246.38- 46 cm of >20% chlorite-carbonate altered zone (possible chlorite basalt fractured)						
			The amount of calcite-filled fractures increasing downhole, 192.00-220.00 approximately <2%; 220.00-240.00 approximately 3-5%; 240.00-261.00 approximately 5-10%						
			At 248.42-249.46- over 20% chlorite and 10% calcite altered zone; large fracture 2-5 cm with calcite (chlorite basalt fractured?), no sulphides						

fractures (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			At 250.71-250.82- 11 cm of 10% chlorite and 5% calcite altered zone in chlorite basalt fractured						
			At 293.42-254.88- 1.46 m of >10% chlorite and 5-10% calcite altered zone (in basalt fracture)						
			Remainder of hole is fine to medium grained, grey-green, felsic tuff flow (dacite) and 5% grey qz, 5-10% chlorite mafic and >5% late fractures (030o-060o TCA) with calcite						
261.15			**End Of Hole**						

NuVision Resources ULC - Cat Key Property										
Drill Hole Summary:			**NVR14-4**	End of Hole:		245.00m				
Grid Location:			L36E, 16+25N	Logged By:		Allen J. Raoul, Pgeo.				
UTM Location:			520083E 5398973N (NAD83, Zone15)	Date:		November 1 - 3, 2014				
Direction:			Azm 325o @ -050o	Other:		Mallette Drilling				
From (m)	**To (m)**	**Interval (m)**	**Description**	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Ni (ppm)**	**Pb (ppm)**	**Zn (ppm)**
0.00	**3.69**	**3.69**	**Casing**						
3.69	**43.68**	**39.99**	**chloritebasalt**						
			Fine grained, green, 10% chlorite altered massive basalt flow with weak foliation @ 060o. 2-5% late calcitefilled fractures (0.5-2.0 m) @ 030o-090o TCA						
			At 4.30- 5 cm shear/fault @ 060o TCA						
			At 5.75- 3 cm calcite vein and 5% py @ 050o						
			At 6.53-6.78- shear/fracture @ 045o						
			At 7.80-8.00- fracture @ 030o						
			At 9.05-9.45- fracture zone @ 060o						
	11.95	20.44	Chlorite basalt with 2-3% qtz-epidote veins and tr-2% py-po-cpy						
			Fine graineed, green, chlorite (10%) basalt with 1-5 cm qtz-epidote (20%) and fractures 0.1-0.5 cm infilled with py-po-cpy (up to 2-3%)						
			#120415- 11.95-13.00 (1.05 m)- chlorite basalt and up to 2% cpy-po, first 0.41 metre is 2-3% cpy-po along fractures in chlorite basalt	< 5	0.2	146	29	< 2	150
			#120416- 13.00-14.00 (1.00 m)- chlorite basalt and tr-2% py, fine grained, green, chlorite (10% basalt, tr py plus 0.32 cm has 2-3% py-cpy-po	< 5	< 0.2	31	28	< 2	121
			#120417- 14.00-15.50 (1.50 m)- chlorite basalt and tr py, fine grained, green, chlorite (10%) basalt, tr py	< 5	< 0.2	46	25	< 2	100
			#120418- 15.50-17.00 (1.50 m)- chlorite basalt and 1-2% py-cpy, fine grained, green, chlorite 10% basalt with 5-10% calcite-qtz veins (030o-070o), several 2-5% fractures with 2-3% py-po-cpy	< 5	< 0.2	80	43	< 2	79
			#120419- 17.00- GOLD STANDARD (SF69)	**897**	**1.3**	93	79	72	146
			#120420- 17.00-18.50 (1.50 m)- chlorite basalt, same as above with 5% qcv veins @ 030o-060o, tr py	< 5	< 0.2	73	27	< 2	84
			#120421- 18.50-20.00 (1.50 m)- chlorite basalt, same with 5-10 cm qcv as 19.50, tr py	< 5	< 0.2	60	26	< 2	99
			#120422- 20.00- BLANK/ Silica Sand	< 5	< 0.2	< 1	< 1	< 2	18
			#120423- 20.00-20.44- chlorite basalt, same with 15 cm QCV at 20.20 m	< 5	< 0.2	**243**	45	< 2	75
			At 30.58-30.69- QV- epidoteote veins 11 cm zone of 50% quartz-epidoteote at 060o						

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			At 30.22- 2 cm QCV vein/fracture @ 030o						
			#120424- 32.24-33.62 (1.38 m)- QV-shear : 8-10 cm QV-chlorite-calcite vein @ 020o TCA plus several 1-2 cm QV at 080o TCA plus 46 cm shear with 5% QCV veins, 15-20% qtz veins, tr py	< 5	< 0.2	140	41	3	92
			At 37.00-37.03 (3 cm)- QCV + 5% py-po, 3 cm vein of 80% qtz, 15%calcite and 5% py-po						
			At 38.93-39.09 (0.16 m)- 30% QCV at 045o-060o with 1% py-po						
			At 40.10- 2 cm QCV @ 085o TCA						
			At 41.49-41.75 (0.26 m)- wk sheared chlorite basalt @ 050o with 10% calcite altered and 5% QV-py						
			#120425- 41.35-41.75 (0.40 m)- sheared basalt and QV-py, 26 cm of shear basalt + QV-py plus 14 cm of possible wk shear basalt amc 3% calcite	< 5	< 0.2	123	40	< 2	104
			At 42.52- 2cm QCV-epidote @085o						
			#120426- 41.75-42.53 (0.78 m)- chlorite basalt, fine grained, green, chlorite basalt and tr py and 2% calcite in fracture	< 5	< 0.2	55	29	3	79
			#120427- 42.53-43.68 (1.15 m)- chlorite basalt + 1-2% py-po, fine grained, green, chlorite basalt with 5-10% silica (?), minor calcite and tr-2% py-po in fractures @ 060o TCA	< 5	< 0.2	59	28	< 2	82
43.68	**82.82**	**39.14**	**Sheared Pyroclastic Basalt + Tr-1% Py +/- Po**						
			Fine to medium grained, dark green, >10% chlorite in matrix of basalt pyroclastic with 5-20% phenocrysts of hornblende, weak-mod foliation/shear @ 060o, 5-10% calcite altered along fractures (3-5%) and pervasive; 5-20% basalt clasts up to 5 cm. Pyrite as disseminate and in fractures- up to 3% locally (@ 10 cm).						
			#120428- 43.68-45.00 (1.32 m)- shear mafic pyroclastic, shear gabbro and 5-10% chlorite, 5% calcite and 1-2% py-po	7	0.2	**252**	32	< 2	104
			#120429- 45.00-46.50 (1.50 m)- shear mafic pyroclastic, same as #120428, tr-1% py-po	< 5	< 0.2	75	31	4	117
			#120430- 46.50-48.00 (1.50 m)- shear mafic pyroclastic, same as #120429, tr-1% py-po	8	0.2	182	31	< 2	122
			At 58.30-58.40- fault breccia, 10 cm of chlorite basalt fragments- fault zone						
			At 58.42- 2 cm QV @ 045o						
	58.75	61.35	Carbonate +/- QV altered pyroclastic basalt - fine grained, green, chlorite basalt with 10-30% clasts (basalt) in foliation matrix with 10-20% calcite in fractures and pods and 3-5% late white qv @ 045o-060o, tr py-po						
			#120431- 58.75-60.25 (1.50 m)- calcite pyroclastic basalt, >20% calcite altered (fracture and pervasive) and 5% QV and 1% py	< 5	< 0.2	78	44	< 2	**204**
			#120432- 60.25-61.35 (1.10 m)- shear pyroclastic basalt, 5-10% calcite altered (pervasive), 1-2% QV, tr py	< 5	< 0.2	33	41	< 2	**298**

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
	61.35	63.05	Silica altered chlorite pyroclastic basalt and 5-8% Py-Po- Fine grained, grey-green, pyroclastic unit (5-30%) with 5-15% weak silica overprinting and 5-8% py-po in fractures, pods and disseminated						
			#120433- 61.35-62.35 (1.00 m)- silica altered mafic pyroclastic and 10% py-po, fine grained, grey, pyroclastic with >10% silica altered and >10% py-po in fracture & stringers	< 5	0.4	**462**	34	< 2	**1090**
			#120434- 62.35-63.05 (0.70 m)- silica altered mafic pyroclastic and 3-5% py-po, similar to #120433 but only 3-5% py-po in fracture or stringers	< 5	0.2	**225**	35	4	**322**
			#120435- 63.05-64.55 (1.50 m)- shared pyroclastic basalt, fine grained, green, chlorite +/- biotite shear @ 015o basalt and 5-20% clasts, tr-1% py (PARENT)	< 5	< 0.2	76	136	4	192
			At 67.65- 0.15 cm breccia zone parallel fault (rubble)						
			#120436- 64.55-66.00 (1.55 m)- sheared pyroclastic basalt (SPB), shear basalt with 20% chlorite-biotite-carbonate @ 045o and 1-2% fine py-po	< 5	< 0.2	78	35	< 2	**283**
			#120437- 66.00-67.75 (1.75 m)- SPB and 1-2% py-po, similar to #120436 and 10 cm fracture/fault @ 67.70 m	< 5	< 0.2	167	32	< 2	**357**
			#120438- 67.75-69.50 (1.75 m)- SPB and tr-1% py-po, similar to #120436	7	< 0.2	67	38	< 2	**223**
	77.50	82.82	Carbonate Sheared Basalt - 10-30% calcite filled fractures @ 045o-050o in chlorite basalt, 79.25- 25 cm highly fractured zone/ fault breccia plus 50% calcite, rare-tr py (<0.25%); not sampled						
82.82	**97.08**	**14.26**	**Chlorite Basalt (Flow)**						
			Fine grained, green, 10% chlorite altered basalt with weak-mod foliation @045o. 2-5% calcite infilled fractures @060o, 030o or along core axis. Tr-1% fine py disseminated. Several 5-20 cm stringerser zones of up to 10% sulphdes (py>po).						
			#120439- 82.82-84.00 (1.12 m)- chlorite basalt and tr py, fine grained, green, chlorite basalt with 2-3% calcite filled fracture, tr-1% py	< 5	< 0.2	79	25	< 2	150
			#120440- 84.00-85.50 (1.50 m)- chlorite basalt and >1% py, fine grained, green, chlorite basalt, with tr-1% py plus 0.38 m with >3% fine py as stringers or in fractures	< 5	0.2	116	26	< 2	195
			#120441- 85.50-87.00 (1.50 m)- chlorite basalt and tr py, fine grained, green, chlorite basalt pus tr-1% py	13	0.4	168	23	< 2	**244**
			#120442- 87.00-88.50 (1.50 m)- chlorite basalt and >2% py, 90 cm of 2-5% fine py stringers or fractures in chlorite basalt and 1% py	< 5	< 0.2	110	22	< 2	**249**
			#120443- 88.50-90.00 (1.50 m)- chlorite basalt and 1% py, fine grained, green, 10% chlorite basalt and 5% calcite fracture and tr-1% py	< 5	< 0.2	21	15	< 2	173
			#120444- 90.00-91.50 (1.50 m)- chlorite basalt and <2% po-py, same as #120443 and 1-2% py-po as fine stringers	< 5	< 0.2	76	13	< 2	179
			#120445- 91.50-93.00 (1.50 m)- chlorite basalt and <2% po-py, same as #120443 and 1-2% po-po as fine stringers	< 5	< 0.2	23	1	< 2	150

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			#120446- 93.00-94.50 (1.50 m)- chlorite basalt, same as #120443, tr py	< 5	< 0.2	41	< 1	< 2	120
			#120447- 94.50-95.50 (1.00 m)- chlorite basalt, fine grained, green, 10% chlorite basalt and tr py	< 5	< 0.2	21	< 1	< 2	113
			#120448- 95.50-96.54 (1.04 m)- chlorite basalt, fine grained, freen, 10% chlorite basalt and tr py	< 5	< 0.2	2	< 1	< 2	71
			#120449- 96.54-97.08 (0.54 m)- chlorite basalt and 3-5% py-po, fine grained, green, 10% chlorite-biotite basalt with 3-5% py-po, py as cubic/disseminated and po in stinger	< 5	0.4	**290**	31	< 2	128
97.08	**102.87**	**5.79**	**Altered dacite Tuff with Calcite-Sericite-Silica Alteration + 2% Py-Po**						
			Fine grained, grey-green, dacite with 3-5% blue/grey qtz eyes with 5-10% sericite altered and 10-20% calcite and patches of silica altered 5-20% (over 5-10 cm). Tr-2% py-po. Contains 3-5% carbonate/calcite mixed with sericite						
			#120450- 97.08-98.58 (1.50 m)- altered dacite and <2% py-po, >10% sericite-calcite +/- silica and 1-2% py (disseminated) and po (stringers)	7	0.2	104	23	< 2	127
			#120451- 98.58-100.08 (1.50 m)- altered dacite, >10% sericite-calcite +/- silica and tr py-po + @.20 m shear/rubble @ 100.08-101.20	< 5	< 0.2	33	9	< 2	104
			#120452- 100.08-101.58 (1.50 m)- altered dacite, >10% sericite-calcite and 5% silica pods and tr py-po	< 5	< 0.2	< 1	3	< 2	77
			#120453- 101.58-102.87 (1.29 m)- altered dacite, >10% sericite-calcite and 5-10% silica pods and tr py-po	< 5	< 0.2	< 1	5	< 2	77
102.87	**142.50**	**39.63**	**Calcite-sericite-silica altered dacite +/- calcite with Tr-1% Py +/- Po**						
			Fine to medium grained, green-grey, dacite with 5-20% sericite-calcite altered overprinted by 5-10% silica altered, esp. as fractured breccia's and <5 cm sericite schists. Several 2-10 cm qtz-feldspar-chlorite or qtz-chlorite veins at 060o TCA. Tr-1% py-po						
			#120454- 102.87-104.00 (1.13 m)- carbonate-sericite-silica dacite (Breccia) (CSSD), 30-50% silica altered on dacite and 5-10% sericite-calcite shears @ 060o, tr py	< 5	< 0.2	26	10	< 2	58
			#120455- 104.00-105.50 (1.50 m)- CSSD (Breccia), 30-50% silica altered on dacite and 10-15% sericite-calcite and 8 cm QV-plag-calcite vein and tr py	< 5	< 0.2	< 1	9	< 2	56
			#120456- 105.50-107.00 (1.50 m)- CSSD (Breccia) 30-50% silica on dacite and 10-15% sericite-calcite and tr py	< 5	< 0.2	< 1	6	< 2	50
			#120457- 107.00-108.50 (1.50 m)- silica dacite, 20-30% silica altered dacite and 10-15% sericite-calcite and 5% sericite-calcite shear @ 060o and tr py	< 5	< 0.2	< 1	6	< 2	58
			#120458- 108.50-110.00 (1.50 m)- CSSD, 15-20% silica altered dacite and 15-20% sericite-calcite altered and tr py	< 5	< 0.2	< 1	5	< 2	31
			#120459- 110.00-111.50 (1.50 m)- CSSD, 15-20% silica altered dacite and 15-20% sericite-calcite altered and tr py	< 5	< 0.2	< 1	4	< 2	39

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			#120460- 111.50-113.00 (1.50 m)- CSSD, 15-20% silica dacite and 15-20% sericite-calcite altered and tr py	< 5	< 0.2	< 1	3	< 2	58
			#120461- 113.00-114.50 (1.50 m)- CSSD, see #120460	< 5	< 0.2	< 1	5	< 2	39
			#120462- 114.50-116.00 (1.50 m)- CSSD, 15-20% sericite-calcite with 15-20% silica and tr py	< 5	< 0.2	< 1	4	3	25
			#120463- 116.00-117.50 (1.50 m)- CSSD, 15-20% sericite-calcite and 10-15% silica and tr py	< 5	< 0.2	< 1	4	< 2	40
			#120464- 117.50-119.00 (1.50 m)- CSSD, 15-20% sericite-calcite and 10-15% silica and tr py	< 5	< 0.2	< 1	4	< 2	44
			#120465- 119.00-120.50 (1.50 m)- CSSD, >20% sericite-calcite altered and <10% silica and tr py	< 5	< 0.2	< 1	1	< 2	27
			#120466- 120.50-122.00 (1.50 m)- CSSD, 20-25% sericite-calcite altered and 10% silica and tr py	< 5	< 0.2	< 1	1	< 2	27
			#120467- 122.00-123.50 (1.50 m)- CSSD, 20% sericite-carbonate, 5-10% silica, tr py	< 5	< 0.2	< 1	1	< 2	29
			#120468- 123.50-125.00 (1.50 m)- CSSD, 20% sericite-carbonate, 5-10% silica, tr py	< 5	< 0.2	< 1	3	< 2	33
			#120469- 125.00 m BLANK/Silica Sand	< 5	< 0.2	< 1	< 1	< 2	20
			#120470- 125.00-126.50 (1.50 m)- CSSD, 10-20% sericite-carbonate, 5% silica, tr py	< 5	< 0.2	< 1	< 1	< 2	30
			#120471- 126.50-128.00 (1.50 m)- 20% sericite-carbonate, 5% silica, tr py	< 5	< 0.2	8	6	< 2	35
			#120472- Gold Standard (SF67)	**586**	**1.3**	92	79	68	150
			#120478- 128.00-129.50 (1.50 m)- CSSD, 20% sericite-carbonate, 5-10% silica, tr py	< 5	< 0.2	< 1	5	< 2	32
			#120473- 129.50-131.00 (1.50 m)- CSSD, 20% sericite-carbonate, 5-10% silica, 1% py	< 5	< 0.2	< 1	1	< 2	26
			#120474- 131.00-132.50 (1.50 m)- CSSD, 20-30% sericite-carbonate, 5% silica plus 0.5m of 30% calcite, tr py	< 5	< 0.2	< 1	3	< 2	38
			#120475- 132.50-133.75 (1.25 m)- CSSD, 10-20% sericite-carbonate, 5-10% silica, tr py	< 5	< 0.2	< 1	3	< 2	48
	133.75	142.49	Chlorite-calcite altered dacite- fine grained, green-grey, weakly foliation at 060o dacite with 10% chlorite-calcite altered and rare-tr py (<0.5%)						
			#120476- 133.75-135.00 (1.25 m)- chlorite-calcite altered dacite, see above 133.75-136.25	< 5	< 0.2	< 1	2	< 2	48
			#120477- 135.00-136.25 (1.25 m)- chlorite-calcite altered dacite, see above 133.75-136.75	< 5	< 0.2	< 1	4	< 2	35
			#120478- Sample was used previously- 128.00-129.50 m						
			#120479- 36.25-137.75 (1.50 m)- chlorite-calcite altered dacite, 10% chlorite-carbonate altered dacite with 2 cm qv-chlorite bein @ 136.70 m	< 5	< 0.2	3	5	< 2	17

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			#120496- 137.75-139.25 (1.50 m)- chlorite- calcite altered dacite, 10% chlorite-carbonate altered dacite	< 5	< 0.2	11	6	< 2	24
			#120480- 139.25-140.70 (1.45 m)- chlorite-calcite altered dacite, 10% chlorite-carbonate dacite	< 5	< 0.2	< 1	5	< 2	32
			#120481- 140.70-141.70 (1.00 m)- qtz zone, 55% massive qv-chlorite @ 045o in chlorite-carbonate basalt	< 5	< 0.2	< 1	4	< 2	37
142.50	**160.60**	**18.10**	**Carbonate-chlorite altered basalt**						
			Fine grained, green, 10% chlorite, 2-5% calcite altered basalt, tr py						
			#120482- 141.70-142.60 (0.90 m)- carbonate-chlorite basalt, 10-15% ch, 5% chlorite, tr py	< 5	< 0.2	< 1	5	< 2	36
			#120483- 142.60-144.00 (1.40 m)- carbonate-chlorite basalt, 10-15% chlorite, 5% ch, tr py	7	0.2	< 1	6	2	50
			At 145.85- 7 cm QCV breccia approximately fault						
			#120484- 144.00-145.50 (1.50 m)- carbonate-chlorite alteredbasalt (CCB), >10% chlorite-car, basalt, tr py	< 5	0.3	< 1	3	< 2	62
			#120485- 145.50-146.95 (1.45 m)- CCB, >10% chlorite-carbonate basalt, tr py	< 5	< 0.2	< 1	6	< 2	69
			#120486- 146.95-148.15 (1.20 m)- calcite altered Amygbasalt, fine grained, green-grey,basalt with 25% vesicules infilled with calciteite	< 5	< 0.2	< 1	21	< 2	65
			#120487- 148.15-148.78 (0.63 m)-CCB, 10% chlorite-carbonate altered basalt @ 050o	< 5	< 0.2	6	**220**	< 2	58
			#120488- 148.78-150.40 (1.62 m)- CCB, 10% chlorite-carbonate altered basalt and 2 cm qcv @ 151.60 m	< 5	< 0.2	14	37	< 2	91
			#120489- 150.40-152.00 (1.60 m)- CCB, 5% chlorite-carbonate altered andesite	< 5	< 0.2	< 1	39	< 2	111
			At 152.52 m- 8 cm calcite-biotite-chlorite vein @ 060o						
			#120490- 152.00-153.50 (1.50 m)- CCB, 10% chlorite-carbonate altered basalt	< 5	< 0.2	< 1	34	< 2	115
			#120491- 153.50-155.00 (1.50 m)- CCB, 10-15% chlorite-carbonate altered basalt	< 5	< 0.2	< 1	42	< 2	50
			#120492- 155.00-156.50 (1.50 m)- CCB, 20.25% chlorite-carbonate altered basalt	< 5	< 0.2	11	36	< 2	34
			#120493- 156.50-158.00 (1.50 m)- CCB, 10-15% chlorite-carbonate altered basalt	< 5	< 0.2	< 1	28	< 2	41
			#120494- 158.00-159.50 (1.50 m)- CCB, 5-10% chlorite-carbonate basalt	< 5	< 0.2	9	28	< 2	50
			#120495- 159.50-160.60 (1.10 m)- CCB, 50% chlorite-carbonate basalt	< 5	< 0.2	25	45	< 2	90
			#120496- sample used earlier						
160.60	**163.65**	**3.05**	**Quartz Zone in chlorite-carbonate basalt**						
			50-90% white quartz veins (>1"-12") with >1" chlorite masses (5-10%) in >20% chlorite-calcite altered basalt, tr-1% py						

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			#120497- 160.60-161.40 (0.80 m)- qv in chlorite-carbonate basalt, over 80% white quartz veins and 2-5% chlorite masses in chlorite carbonate basalt	< 5	< 0.2	11	23	< 2	53
			#120498- 161.40-162.12 (0.72 m)- chlorite-carbonate basalt +/- qv, over 95% of med grained, green, >20% chlorite-carbonate altered basalt and <5% quartz veins (under 3 cm), 1-2% py	< 5	0.2	7	45	< 2	106
			#120499- 162.12-163.65 (1.53 m)- qv in chlorite-carbonate basalt, over 50% white qtz veins and 5-10% chlorite masses, tr-1% py	< 5	< 0.2	2	15	< 2	33
163.65	**175.21**	**11.56**	**Weakly chlorite-calcite altered basalt (Tuff)**						
			Medium grained, green, >10% chlorite and 10% calcite filled cavitites (amygdules) in basalt. Tr-1% disseminated py cubes. Late fractures 2% @030o-060o in filled with calcite or qtz-epidote but 0.5-2 cm						
			#120500- 163.65-165.15 (1.50 m)- chlorite-calcite altered basalt, medium grained, green, 20% chlorite-calcite altered basalt tuff with 3% qtz-carbonate, 20 cm clasts of qtz-calcite- chlorite occurs at 164.08 m	< 5	< 0.2	40	39	< 2	100
			#120501- 165.15-166.50 (1.50 m)- chlorite calcite altered basalt, same as above #120500	43	< 0.2	76	27	< 2	88
			At 165.55-165.73 (18 cm)- qv-chlorite veins in 1% py,						
			At 167.68- 3 cm qcv at 080o						
			At 172.16-172.22 (6 cm)- 50% qtz-epidote vein @ 080o TCA						
			At 172.72-173.47 (0.12 m)- 10% epidote-qtz filled fractures parallel to core axis						
175.21	**177.42**	**2.21**	**Quartz Zone in chlorite-carbonatebasalt and <2% py-cpy**						
			35% white qv and 10% chlorite clasts in >20% chlorite-calcite altered basalt. tr-2% py-cpy in locallized zone						
			#120502- 175.21-176.54 (1.33 m)- 20% qv and 2% py-cpy in basalt, 20% white qv-ch and 2% large (2cm) blebs of py-cpy @ 175.21-175.41	39	0.9	**640**	36	2	73
			#120503- 176.54-177.42 (0.88 m)- 80% qv and 1% py-cpy in basalt, 80% white qv-chlorite and 1% py-cpy in basalt	< 5	< 0.2	2	15	< 2	39
177.42	**186.00**	**8.58**	**Carbonate Altered Dacite +/- Silica**						
			Fine to medium grained, green-grey, dacite tuff (crystal) with weak-mod foliation (045o-060o) or possible shear and 5-10% calcite altered; pervasive in vugs and fracture zones. Tr-2% disseminated py. Zones (5 cm to >1 m) of > 20% silica altered (as bleaching and grain size reduction). In carbonate zones; minor chlorite-biotite rafts up to 5 cm						
	177.42	179.32	Silica-calcite altered dacite - >20-30% silica overprints the calcite +/- chlorite-biotite dacite, bleached appearances plu tr-1% py						

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			#120504- 177.42-178.42- silica calcite dacite, >30% silica on calcite altered dacite and tr-1% py	< 5	< 0.2	< 1	21	< 2	37
			#120505- 178.42-179.33- silica calcite dacite, 10-20% silica on calcite altered dacite and tr py	< 5	< 0.2	< 1	16	< 2	28
	177.42	200.08	Calcite altered dacite (parent unit)						
			#120506- 179.33-180.50 (1.17 m)- calcite +/- silica altered dacite, 30 cm of 10-20% silica altered in 20% calcite altered dacite	< 5	< 0.2	< 1	18	< 2	38
			#120507- 180.50-182.00 (1.50 m)- calcite altered dacite, 20% calcite-chlorite-biotite in dacite, tr py	< 5	< 0.2	< 1	22	< 2	27
			#120508- 182.00-183.50 (1.50 m)- calcite altered dacite, 20% calcite-chlorite-biotite in dacite, tr py	< 5	< 0.2	< 1	19	< 2	23
			#120509- 183.50-185.00 (1.50 m)- calcite altered dacite, 20% calcite-chlorite-biotite in dacite, tr py	< 5	< 0.2	< 1	22	< 2	19
			#120510- 185.00-186.50 (1.50 m)- calcite altered dacite, 20% calcite, 5% chlorite-biotite in dacite, tr py and 10 cm chlorite clast	< 5	< 0.2	< 1	18	< 2	14
			#120511- 186.50-188.00 (1.50 m)- carbonate altered dacite, 10-15% calcite-chlorite altered, tr py	< 5	< 0.2	< 1	15	< 2	12
			#120512- 188.00-189.50 (1.50 m)- carbonate altered dacite, 10-15% calcite-chlorite altered, tr py	< 5	< 0.2	< 1	10	< 2	8
			#120513- 189.50-191.00 (1.50 m)- carbonate altered dacite, 20-25% calcite-chlorite altered, tr py	14	< 0.2	< 1	14	< 2	7
			#120514- 191.00-192.14 (1.14 m)- carbonate altered dacite, 20-25% calcite-chlorite altered, tr py	< 5	< 0.2	< 1	14	< 2	9
	192.14	200.08	10-20% silica altered on carbonate dacite - tr-1% py, fine to medium grained, grey to green-grey, dacite with >10% chlorite-calcite altered that has >10-30% silica overprinting, tr-1% py, several 1-3 cm qv foliationded along and perpendicular to core axis for 5-30 cm						
			#120515- 192.14-193.14 (1.00 m)- silica carbonate dacite, fine to medium grained, green, 10-20% calcite-chlorite, 15% grey quartz eyes plus >10% silica altered, tr py, section with 10-50% clasts of dacite or carbonate at parallel to foliation	< 5	< 0.2	< 1	10	< 2	11
			#120516- 193.14-194.00 (0.86 m)- silica carbonate dacite, >20-30% clasts of carbonate dacite wiwth 10-20% silica altered overprint plus tr-1% py	97	< 0.2	< 1	7	< 2	12
			#120517- 194.00-195.50 (1.50 m)- silica carbonate dacite, >20% clasts of carbonate dacite plus >10% silica	< 5	< 0.2	< 1	12	< 2	24
			#120518- 195.50-197.00 (1.50 m)- silica carbonate dacite, >20% clasts of carbonate dacite plus >10% silica	< 5	< 0.2	< 1	15	< 2	48
			#120519- 197.00-198.50 (1.50 m)- silica carbonate dacite, >20% clasts of carbonate dacite plus >10% silica and 1% py	< 5	< 0.2	< 1	18	< 2	67
			#120520- 198.50-200.08 (1.58 m)- silica carbonate dacite, 20% calcite altered dacite and >5% silica, tr py	< 5	< 0.2	< 1	21	< 2	95

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
	200.08	202.10	chlorite dacite - fine to medium grained, dark, >10% chlorite altered dacite with 5% grey qtz eyes, tr-1% disseminated py						
			#120521- 200.08-201.09 (1.01 m)- chlorite dacite, same as above plus 1-2% py	< 5	< 0.2	43	26	2	63
			#120522- 201.09-202.10 (1.01 m)- chlorite dacite, same as above plus 1-2% py	9	0.2	95	32	< 2	71
	202.10	205.70	Silicified chlorite dacite - fine grained, grey to greenish-grey, dacite with >20% clasts of chlorite dacite or qtz fragments @050o TCA; tr-rare py (approximately 0.25%), overprinted with 20-30% silica/qv, late fractures @030o infilled with calciteite						
			#120523- 202.10-203.30 (1.20 m)- silica dacite, 20-30% clasts of dacite with >20% silica altered in foliation, tr py	< 5	< 0.2	< 1	44	< 2	88
			#120524- 203.30-204.50 (1.20 m)- silica dacite, 20% fragments of dacite and silica fragments, >5% qv in foliation dacite @060o	< 5	< 0.2	< 1	33	< 2	101
			At 204.05-204.23 (18 cm)- Fault gauge, >60% fragmented unit with "clayey" matrix @050o and 5-10% calcitealtered						
			#120525- 204.50-205.70 (1.20 m)- silica dacite, >30% fragments of dacite and silic, 5% QV and tr py	< 5	< 0.2	< 1	43	< 2	91
			#120526- BLANK/Silica Sand	< 5	< 0.2	< 1	2	< 2	23
205.70	**236.00**	**30.30**	**Silica-carbonate altered dacite and Trace-1% Pyrite**						
			Fine grained, light to dark green, dacite with 20-50% calcite altered of weakly chlorite dacite then 10-50% silica overprinting; tr-1% py						
			#120527- 205.70-207.00 (1.30 m)- silica-carbonate altered dacite, 10-20% silica overprint of carbonate dacite, tr py, weak foliation @050o	17	< 0.2	4	< 1	< 2	66
			#120528- 207.00-208.00 (1.00 m)- silica carbonate altered dacite, 10-20% silica overprint of carbonate dacite, tr py	5	< 0.2	1	< 1	3	67
			#120529- 208.00-209.00 (1.00 m)- silica carbonate altered dacite, >30% silica overprint of carbonate dacite, 1% py and 15 cm clasts of chlorite basalt	< 5	< 0.2	< 1	< 1	< 2	49
			#1205230- 209.00-210.50 (1.50 m)- silica carbonate altered dacite, >30% silica overprint of carbonate dacite, 1% py and 8 cm clast of chlorite basalt	< 5	< 0.2	< 1	< 1	< 2	34
			#120531- 210.50-212.00 (1.50 m)- silica carbonate altered dacite, 5-10% silica overprint of >20% carbonate altered dacite, tr py @050o foliation	< 5	< 0.2	3	1	< 2	84
			#120532- 212.00- GOLD STANDARD/SF67	**910**	**1.2**	95	81	75	154
			#120533- 212.00-213.70 (1.70 m)- Wk silica-carbonate altered dacite, 5-10% silica overprint on 20% calcite altered dacite, tr py, last 36 cm is >90% QV-chlorite vein @050o TCA, 70 cm raft of 5-10% silica and 20% carbonate dacite	< 5	< 0.2	< 1	2	< 2	84
			#120534- 213.70-215.00 (1.30 m)- Wk silica-carbonate dacite, 5-10% silica overprint of dacite with 11 cm section >30% silica at 214.62-214.73 m; rare py	< 5	< 0.2	3	< 1	< 2	76

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			#120535- 215.00-216.50 (1.50 m)- silica altered carbonate dacite, 10-20% silica overprint of chlorite-carbonate dacite with 3-10 cm zones of >30% silica; tr-1% py, esp in fractures	< 5	< 0.2	10	2	< 2	79
			#120536- 216.50-218.00 (1.50 m)- Wk silica-carbonate dacite, 5-10% silica altered in carbonate dacite and tr py	< 5	< 0.2	< 1	1	< 2	69
			#120537- 218.00-219.50 (1.50 m)- silica carbonate dacite, 15-20% silica altered in carbonate dacite; tr py with 31 cm section of >30% silica altered and silica rich clasts	< 5	< 0.2	2	1	< 2	71
			#120538- 219.50-221.00 (1.50 m)- Wk silica carbonate dacite, 5-10% silica altered in carbonate dacite, tr py plus 8 cm QV @050o	< 5	< 0.2	16	< 1	< 2	56
			#120539- 221.00-222.50 (1.50 m)- Wk silica carbonate dacite, 5-10% silica altered in carbonate dacite, tr py plus 5% late calcite veins @045o TCA	< 5	< 0.2	< 1	< 1	< 2	38
			#120540- 222.50-224.00 (1.50 m)- Wk silica carbonate dacite, >10% silica altered in carbonate dacite and tr py	< 5	< 0.2	< 1	< 1	< 2	42
			#120541- 224.00-225.50 (1.50 m)- silica carbonate dacite, 5-10% silica in carbonate dacite, tr py	< 5	< 0.2	< 1	< 1	< 2	46
			#120542- 225.50-227.00 (1.50 m)- silica-carbonate altered dacite, 10-15% silica in carbonate dacite, tr-1% py	17	< 0.2	3	< 1	< 2	30
			#120543- 227.00-228.50 (1.50 m)- silica-carbonate altered dacite, 10-15% silica in carbonate dacite, 1% py	< 5	< 0.2	< 1	< 1	< 2	71
			#120544- 228.50-230.00 (1.50 m)- silica-carbonate altered dacite, 15-20% silica in carbonate dacite, 1% py	< 5	< 0.2	< 1	< 1	< 2	74
			#120545- 230.00-231.50 (1.50 m)- Wk silica-carbonate dacite, 5-10% silica in carbonate dacite, tr py and 5 cm dike of qtz-kspar peg @080o	< 5	< 0.2	< 1	3	< 2	70
			#120546- 231.50-233.00 (1.50 m)- silica carbonate altered dacite, 10-15% silica in carbonate dacite, tr py and 1-2 cm kike of qtz-kspar peg @050o	< 5	< 0.2	< 1	1	< 2	53
			#120547- 233.00-234.5 (1.50 m)- silica carbonate altered dacite, 5-10% silica in carbonate dacite, tr py	< 5	< 0.2	< 1	< 1	< 2	47
			#120548- 234.50-236.00 (1.50 m)- silica carbonate dacite, 10-15% silica altered of chlorite dacite, 1% py	< 5	< 0.2	1	1	< 2	40
236.00	**245.00**	**9.00**	**Basalt (to Andesite) Flow**						
			Fine grained, green, 5-10% chlorite altered basalt flow with up to 5% calcite in fractures or pods (<3 cm), rare 0.5-3 cm qtz-kspar dikes						
			#120549- 236.00-237.50 (1.50 m)-basalt, same as above with several 2-3 cm dikes of qtz-kspar @030o TCA, >5% calcite altered (pervasive) and in late fractures	< 5	< 0.2	< 1	< 1	< 2	44
			At 240.84- 4 cm QCV veins system @045o						
			At 241.27- 1 cm QCV vein @045o						
			At 242.55- 1 cm QCV @045o						

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			At 243.15- 2 cm QCV @045o						
			At 244.80- 1 cm QCV @025o						
245.00			**END OF HOLE**						

NuVision Resources ULC - Cat Key Property										
Drill Hole Summary:			**NVR14-5**	End Of Hole:		242.00m				
Grid Location:			Line 54E, 20+10N	Logged By:		Allen J. Raoul, PGeo.				
UTM Location:			521373E 5400286N (NAD83, Zone 15)	Date:		November 5 - 7, 2014				
Direction:			190o @-50o	Other:		Mallette Drilling				
From (m)	**To (m)**	**Interval (m)**	**Description**	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Ni (ppm)**	**Pb (ppm)**	**Zn (ppm)**
0.00	**3.77**	**3.77**	**Casing**						
3.77	**14.66**	**10.89**	**Chlorite basalt**						
			Fine grained, green-grey, basalt flow with wk foliation @050o. Matrix has >5% chlorite andesite 5% amphibole (hornblende/actinolite). Up to 1-2% calcite amygdules but locallized. Several late fractures 060o-090o infilled with qtz. Several silica (<5%) zones of 5-10cm but very localized andesite rare py (<0.25%)						
			At 13.00-13.20- Fault Zone, 20 cm zone with frags of >1 cm of chlorite bst @060o						
			At 13.66-13.70- Vein, 4 cm QV- chlorite @060o						
			At 14.02-14.07- Felsite Dike, 15 cm dike @050o TCA andesite along core axis; fine grained, tan, qtz-fedspar rich approximately felsite						
			#120550- 13.20-14.66 (1.46 m)- Mixed Zone of weak silica altered (5%) chloritebasalt andesite felsite dikes with silica zone	< 5	< 0.2	39	3	3	148
14.66	**21.20**	**6.54**	**Weak Carbonate altered andesite**						
			Fine grained, medium grained, andesitewith 5% chlorite andesite 5-10% pervasive cacite altered andesite tr-1% py						
			#120551- 14.66-16.16 (1.50 m)- Carbonate altered andesite, 5-10% calcite altered chlorite andesite, tr py, increasing calcite filled fractures; up to 10% @050o	< 5	< 0.2	75	46	5	123
21.20	**35.30**	**14.10**	**Chlorite Gabbro (weak shear)**						
			Medium grained, green, >10% chloriteandesite <5% calcite filled fractures, up to 2% blue qtz eyes; wk sheared @050o. Sporadic-1% coarse pyrite. Late calcite fractures 030-060o approximately 5%. Small late qtz-calcite fractures <2%. Fragments (1-30 cm) of chlorite basalt andesite 1% py. Weakly to moderately magnetic; locallized mgt- up to 4%						
			At 22.29- 3 cm QCV @025o TCA andesite 2% py						
			At 30.48-30.56 (8 cm)- QCV @060o TCA						
			At 30.60- 5 cm Rubble Zone/Fault						

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
	32.53	32.68	Qtz-Epid-Calcite-Chlorite Vein- 15cm vein of 5% calcite with 50% qtz-epid @ 060o						
	33.25	33.67	Qtz-Chlorite- Carbonate - 0.42m zone with 3-5 cm vein @020o TCA but no sulphides						
	35.00	35.72	Composite Zone (Gabbro vs. Felsic Contact)						
			#120552- 35.00-35.72 (0.72 m)- first 30 cm in >30% chlorite-carb sheared gabbro andesite tr py, next 12 cm is 20-30% silica altered (felsic contact), bleached?, with 3-5% py +/- po, last 30 cm is 5-10% silica altered felsic andesite tr py	13	< 0.2	20	< 1	6	375
35.44	**95.80**	**60.36**	**Chlorite-Felsic Tuff (dacite-andesite)**						
			Medium grained, green-grey, chlorite10% felsic tuff with 10-15% blue qtz eyes andesite 1% py, 2-3% late calcite actinolite @020o						
			#120553- 35.72-37.22 (1.50 m)- chlorite dacite, medium grained, green, chlorite dacite andesite 1-2% py	11	< 0.2	5	< 1	5	135
			#120554- 37.22-38.08 (0.86 m)- chlorite dacite, medium grained, green, chlorite dacite andesite 1-2% py	**116**	< 0.2	28	2	14	**240**
			#120555- 38.08-38.44 (0.36 m)- silica chlorite dacite andesite Py, 10-50% silica altered of chlorite dacite plus 5-10% coarse py in seams andesite fractures	**2990**	**1.1**	**232**	< 1	13	39
			#120556- 38.44-39.94 (1.50 m)- chlorite dacite, medium grained, green, chlorite dacite andesite 1-2% py in fractures	**187**	< 0.2	17	< 1	7	86
			#120869*- 39.94-41.44 (1.50 m)- Chlorite dacite, medium grained, green, chlorite dacite andesite 1-2% py in fractures	< 5	< 0.2	5	< 1	5	89
			#120870*- 41.44-42.94 (1.50 m)- Chlorite dacite, medium grained, green, chlorite dacite andesite 1-2% py in fractures	< 5	< 0.2	12	1	6	84
			#120871*- 42.94-44.44 (1.50 m)- Chlorite dacite, medium grained, green, chlorite dacite andesite 1-2% py in fractures	< 5	< 0.2	1	< 1	< 2	90
			#120872*- 44.44-45.94 (1.50 m)- Chlorite dacite, medium grained, green, chlorite dacite andesite 1-2% py in fractures	< 5	< 0.2	2	2	< 2	110
	46.53	46.67	Quartz Zone + 5% Aspy-Py-Po - several 3-4 cm QV @060o in 14 cm with large diamonds (approximately 0.7 cm) of Aspy, with smaller py-po-asp						
			#120873*- 45.94-46.67 (0.72 m)- Chlorite dacite, medium grained, green, chlorite dacite andesite 1-2% py in fractures plus 14cm quartz zone with 5% Aspy - Py - Po	79	< 0.2	15	4	12	116
			#120874*- 46.67-48.26 (1.61 m)- Chlorite dacite, medium grained, green, chlorite dacite andesite 1-2% py in fractures	< 5	< 0.2	2	< 1	< 2	120
			#120557- 48.28-19.28 (1.0 m)- Chlorite dacite, medium grained, green, >20% chlorite altered dacite andesite 2-3% grey QV andesite 1-2% py	14	< 0.2	5	< 1	4	85
	49.28	51.83	Weak to Strong Silica +/- sericiteicite altered Chlorite dacite - fine grained, medium grey, siliceous unit with 20-30% silica altered of tuff, 5-10% fine to coarse py-po with up to 2% asp in sections						

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			#120558- 49.28-50.55 (1.27 m)- Silica altered dacite, 20-50% silica altered andesite >5% py-po-aspy in fg matrix	**206**	< 0.2	83	22	7	39
			#120559- 50.55-51.83 (1.28 m)- Silica altered dacite, 30-50% silica altered andesite >5% py-po-aspy in fg matrix	5	< 0.2	39	40	7	55
			#120560- 51.83-52.83 (1.00 m) - Chlorite dacite, medium grained, green, chlorite dacite andesite 1-2% py in fractures	**793**	0.3	52	1	5	85
			#120875*- 52.83-54.33 (1.50 m) - Chlorite dacite, medium grained, green, Chlorite dacite. <5% quartz eyes andesite 1-2% py in fractures	< 5	< 0.2	12	3	< 2	74
			#120876*- 54.33-55.83 (1.50 m) - Chlorite dacite, medium grained, green, Chlorite dacite. <5% quartz eyes andesite 1-2% py in fractures	< 5	< 0.2	12	1	3	74
			At 56.71 m- Chlorite dacite-andesite- medium grained, dark grey-green, >10% chlorite-biotite altered matrix, >5% qtz eyes (blue andesite grey), 2-3% late calcite filled fratures 0.5-1 cm @040o-060o, trace dissem py (<0.5%); representative of parent unit.						
			#120877*- 55.83-57.33 (1.50 m) - Chlorite dacite, medium grained, green, Chlorite dacite. <5% quartz eyes andesite 1-2% py in fractures with 10cm fault zone (rubble) at 56.00m.	< 5	< 0.2	11	< 1	< 2	75
			#120878*- 57.33-58.83 (1.50 m) - Chlorite dacite, medium grained, green, Chlorite dacite. <5% quartz eyes andesite 1-2% py in fractures	< 5	< 0.2	9	< 1	< 2	75
			#120879*- 58.83-60.33 (1.50 m) - Chlorite dacite, medium grained, green, Chlorite dacite. <5% quartz eyes andesite 1-2% py in fractures. Has 3cm Quartz-chloritevein @ 050o Tca at 59.64m.	< 5	< 0.2	16	< 1	< 2	103
			#120880*- 60.33-61.83 (1.50 m) - Chlorite dacite, medium grained, green, Chlorite dacite. <5% quartz eyes andesite 1-2% py in fractures	< 5	< 0.2	30	< 1	< 2	110
			#120881*- 61.83-62.73 (0.90 m) - Chlorite dacite, medium grained, green, Chlorite dacite. <5% quartz eyes andesite 1-2% py in fractures	< 5	< 0.2	19	< 1	4	98
			#120561- 62.73-63.73 (1.00 m)- Chlorite dacite-andesite- medium grained, dark grey-green, >10% chlorite-biotite altered matrix, >5% qtz eyes (blue andesite grey), 2-3% late calcite filled fratures 0.5-1 cm @040o-060o, trace dissem py (<0.5%)	11	< 0.2	19	4	6	112
			#120562- 63.73-64.55 (0.82 m)- 25% QCV in chlorite andesite, 31 cm of 50% Qtz-chlorite-Carb vein @045o TCA, tr py, 33 cm of parental chlorite dacite-andesite with 10% carb veining, rare py, 18cm of 33% Qtz-chlorite-Carb vein @030o TCA, tr py	23	< 0.2	3	1	2	99
			#120563- 64.55-65.40 (0.85 m)- 16% QCV in chlorite andesite, 58 cm of chlorite dacite, 27 cm of 50% QCV-chlorite @045o TCA andesite 1% py	< 5	< 0.2	6	2	4	128
			At 65.63- 24 cm of rubble approximate Fault Zone						
			#120564- 65.40-66.40 (1.00 m)- chlorite dacite-andesite, medium grained, dark grey-green, 10% chlorite-biotite, 65.63-65.87- fault zone	10	< 0.2	6	< 1	2	117

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			#120882*- 66.40-67.40 (1.00 m) - Chlorite dacite - fine grained, dark green, 10-20% Chlorite-biotite altered dacite. <5% quartz eyes andesite tr-1% py disseminated	< 5	< 0.2	8	< 1	3	109
			#120883*- 67.40-68.90 (1.50 m) - Chlorite dacite - fine grained, dark green, 10-20% Chlorite-biotite altered dacite. <5% quartz eyes andesite tr-1% py disseminated	< 5	< 0.2	11	< 1	4	112
			#120884*- 68.90-70.40 (1.50 m) - Chlorite dacite - fine grained, dark green, 10-20% Chlorite-biotite altered dacite. <5% quartz eyes andesite tr-1% py disseminated. At 69.87m, 4 cm calcite Vein +/- Qtz andesite 2-3% fine py @ 030o TCA.	59	< 0.2	6	1	6	**218**
			#120885*- 70.40-71.40 (1.50 m) - Chlorite dacite - fine grained, dark green, 10-20% Chlorite-biotite altered dacite. <5% quartz eyes andesite tr-1% py disseminated.	< 5	< 0.2	12	< 1	< 2	**317**
			#120886*- 71.40-72.21 (0.81 m) - Chlorite dacite - fine grained, dark green, 10-20% Chlorite-biotite altered dacite. <5% quartz eyes andesite tr-1% py disseminated. At 72.30- 8 cm wide qtz-calcite andesite 10% py vein @025o TCA.	**80**	< 0.2	14	2	< 2	**338**
			#120565- 72.21-72.66 (0.45 m)- 8 cm QCV-Py vein in chlorite dacite	**1830**	0.4	78	< 1	12	**2480**
			#120887*- 72.66-74.16 (1.50 m) - Chlorite dacite - fine grained, dark green, 10-20% Chlorite-biotite altered dacite. <5% quartz eyes andesite tr-1% py disseminated. At 73.04m, a 2 cm wide Qtz vein @030o TCA	< 5	< 0.2	2	< 1	< 2	251
			#120888*- 74.16-75.35 (1.19 m) - Chlorite dacite - fine grained, dark green, 10-20% Chlorite-biotite altered dacite. <5% quartz eyes andesite tr-1% py disseminated.	< 5	< 0.2	1	4	< 2	107
			#120566- 75.35-76.35 (1.00 m)- chlorite dacite-andesite, medium grained, dark green, 10% chlorite-biotite dacite + andesite with 10% blue andesite grey quartz eyes, tr py. At 76.00m, a 2 cm wide QCV @ 040o TCA.	< 5	< 0.2	< 1	< 1	4	101
	76.35	79.44	Sheared Chlorite dacite-andesite - fine grained, dark grey-green, dacite andesite >10% calcite altered @060o TCA, tr Py						
			#120567- 76.35-77.25 (0.90 m)- Sheared chlorite dacite, see above + tr py	< 5	< 0.2	8	2	< 2	101
			#120568- 77.25-78.22 (0.97 m)- Shear chlorite dacite, see above + tr py	< 5	< 0.2	9	1	4	83
			#120569- 78.22-79.44 (1.22 m)- QV andesite Shear dacite, first 25 cm is 50% QV-chlorite andesite 2% Py, last 0.97 m is wk shr dacite with <5% calcite	< 5	0.2	< 1	147	< 2	117
			#120570- 79.44-80.44 (1.00 m)- chlorite dacite, see parent; medium grained, grey, dacite andesite 5-10% grey quartz eyes, rare Py	< 5	< 0.2	16	11	< 2	79
	85.94	96.06	Carbonate altered Chlorite dacite - over 5-10% calcite altered of chlorite dacite-andesite, medium grained, dark grey, dacite with >3% calcite pods andesite late calcite fractures, rare QCV andesite chlorite @ 060o TCA, trace-1% Py-Po						
			#120571- 86.00-87.50 (1.50 m)- Carbonate altered dacite, >5% calcite pods in chlorite-biotite dacite-andesite tr py-po	< 5	< 0.2	16	3	< 2	100

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			#120572- 87.50-89.00 (1.50 m)- Carb altered dacite, >5% calcite pods in chlorite-biotite andesite -dacite andesite tr py-po plus 23 cm zone of 5% epid-calcite-silica altered @88.47-88.70	< 5	< 0.2	9	2	< 2	96
			#120573- 89.00-90.46 (1.46 m)- Epid-calcite altered dacite, >5% calcite pods in chlorite-biotite andesite-dacite, tr-1% py-po, 89.18-90.00- 5-20% epid-calcite-qtz altered andesite <2% qv @060o	< 5	< 0.2	11	4	< 2	95
			#120574- 90.46-91.30 (0.84 m)- QV in chlorite dacite, 27 cm of chlorite dacite andesite tr py, 32 cm of 50% QV-chlorite @070o, 25 cm of chlorite dacite andesite 2% py-po	< 5	< 0.2	8	2	< 2	96
			#120575- 91.30-92.80 (1.50 m)- Carbonate altered dacite, >5% calcite pods andesite infilled fractures in chlorite dacite-andesite	< 5	0.2	15	4	3	113
			Chlorite dacite andesite (parental unit) -see above for description						
			At 92.86- 2 cm calcite filled fractures @015o along 39 cm. Several other 1-2 cm calcite filled fractures @070o						
			At 93.70-93.77- 7 cm pod of 30% epid-calcite-qtz in dacite						
			At 94.27-94.50- 23 cm clasts of fine grained, green, chlorite basalt @035o						
95.80	**100.18**	**4.38**	**Silica-Carbonate altered dacite/andesite**						
			Fine grained, grey-green, dacite with >20% silica-calcite altered in dacite (bleached, tr-0.5% very fine py						
			#120576- 95.80-97.20 (1.50 m)- silica Carb altered dacite, >20% silica-carb altered dacite plus <1% py-po	< 5	< 0.2	15	70	< 2	117
			#120577- 97.20-98.70 (1.50 m)- silica Carb altered dacite, >20-30% silica-carb altered dacite	< 5	< 0.2	6	< 1	5	111
			#120578- 98.70-100.18 (1.48 m)- silica Carb altered dacite, >20-30% silica-carb-sericite altered dacite, wk shr @030o andesite tr-1% py-po	< 5	< 0.2	< 1	1	< 2	109
100.18	**133.86**	**33.68**	**Silicified Felsic Unit (altered dacite)**						
			Fine grained, tan togreen tan, felsic unit with 30-50% silica overprinting of dacite, 100.18-101.10- transition zone from sheared chlorite dacite/andesite to silica altered dacite/andesite- from 10 to 30% inc silica downhole						
			#120579- 100.18-101.00 (0.82 m)- Wk-Mod silica altered dacite/andesite, 10-30% silica altered dacite/andesite, dark grey to grey tan, medium grained, decreasing grain size downhole but increasing silica	< 5	0.3	12	4	6	**780**
			#120581- 101.00-102.50 (1.50 m)- silica altered dacite/andesite, over 30% silica overprinting of chlorite dacite plus 5% chlorite-calcite fractures at 030-0450	**855**	1.2	95	80	67	151
			#120580- 101.00- Gold Standard/ SF67	< 5	< 0.2	12	3	2	175

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			#120582- 102.50-104.00 (1.50 m)- silica altered dacite, over 30-50% silica altered, fine grained, brown-grey, siliceous unit with weak-mod fol @050o, 5% fractures with black chlorite +/- ank, 2-3% QCV @030-045o, tr-1% py +/- po	< 5	< 0.2	10	4	< 2	**212**
			#120583- 104.00- BLANK/ Silica Sandesite	< 5	< 0.2	< 1	< 1	< 2	22
			#120584- 104.00-105.50 (1.50 m)- silica altered dacite, 50% silica altered dacite, 3-5% QCV or QV- chlorite @045o, tr py	< 5	< 0.2	5	3	3	85
			#120585- 105.50-107.00 (1.50 m)- silica altered dacite, 50% silica altered dacite, 3-5% qv-chlorite @045o	< 5	< 0.2	4	4	2	28
			At 106.77- 3 cm QCV @060o						
			#120586- 107.00-108.50 (1.50 m)- silica altered dacite, 50% silica altered dacite; fine grained tan, 3-5% qtz-chlorite @060o in fractures	< 5	< 0.2	12	4	< 2	44
			At 107.48- 3 cm QCV-chlorite @060o						
			#120587- 108.50-110.00 (1.50 m)- silica altered dacite, fine grained, tan, >50% silica altered dacite andesite <2% sericite altered, tr py, >3% chlorite rafts (xenoliths) +/- biotite, 1-2% thin QV +/- chlorite (0.5-1 cm) @060o late	< 5	< 0.2	5	3	< 2	17
			At 109.35- 5 cm QCV @030o						
			#120588- 110.00-111.50 (1.50 m)- silica-Ank-calcite altered dacite, >50% silica altered of dacite then >5% ank-calcite altered after, fine grained, reddish-tan, dacite with ank altered post silica altered, tr-1% py +/- po, aspy, esp stong 10.75-111.13 (0.38 m)- >20% ank-calcite	< 5	< 0.2	5	2	< 2	26
			At 110.71- 2 cm QV at 050o						
			#120589- 111.50-113.00 (1.50 m)- silica andesite Ank-calcite altered dacite, >50% silica altered of dacite then >5% ank altered later; ank from 111.50-112.17, 1% py-po +/- aspy; several 0.5 cm qv @060o	< 5	< 0.2	4	3	2	18
			#120590- 113.00-114.50 (1.50 m)- >50% silica altered dacite plus <2% grey qv (0.5 cm) @030o-045o, tr-1% py-po +/- aspy	< 5	< 0.2	6	4	< 2	23
			#120591- 114.50-116.00 (1.50 m)- silica altered dacite, fine to medium grained, tan, 30-50% silica altered dacite, <2% sericite altered, 2-3% qv-chlorite veins in fractures @045o andesite along core axis, late calcite filled fractures <2%	< 5	< 0.2	4	3	2	25
			#120592- 116.00-117.50 (1.50 m)- silica altered dacite, same as #120591	< 5	< 0.2	3	3	2	13
			#120593- 117.50-119.00 (1.50 m)- silica altered dacite, fine to medium grained, tan, >30-50% silica altered of dacite plu <2% sericite andesite 3% chlorite rafts/xenoliths, tr-1% py +/- po	< 5	< 0.2	3	3	< 2	13
			#120594- 119.00-120.50 (1.50 m)- silica altered dacite, >30-50% silica altered dacite, <2% sericite, 1-2% fine QV (0.5 cm), tr-1% py-po	< 5	< 0.2	4	3	2	14
			#120595- 120.50-122.00 (1.50 m)- silica altered dacite, 30-50% silica altered, <2% sericite, tr-1% py-cpy **several 5-8 cm white QV-chlorite parallel to core axis but nothing similar at surface stripping in T-Trench (??)	< 5	< 0.2	4	3	< 2	18
			#120596- 122.00-123.38 (1.38 m)- silica altered dacite, >50% silica altered, 2-3% sericite, tr-1% py, 2-3% fine QV @050-070o	< 5	< 0.2	8	2	< 2	11

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			At 122.32- 2 cm QV @060o						
			#120597- 123.38-125.00 (1.62 m)- silica altered dacite, >50% silica altered, 3% sericite, 1% py +/- po, aspy, 5% fine QV (<1cm) @060o TCA, 9 cm white QV @070o	< 5	0.2	4	4	< 2	9
			#120598- 125.00-126.50 (1.50 m)- silica altered dacite, fine to medium grained, tan, dacite andesite >30% silica altered, >3% sericite, 3-5% chlorite rafts	< 5	< 0.2	7	3	3	20
			#120599- 126.50-127.72 (1.22 m)- silica altered dacite, fine to medium grained, tan, dacite andesite >30% silica	< 5	< 0.2	9	2	< 2	25
	127.72	128.94	chlorite-calcite altered dacite - fine grained, dark green, >10% chlorite andesite >10% blue andesite grey qtz eyes, 1% py as disseminations						
			#120600- 127.72-128.88 (1.16 m)- chlorite-calcite altered dacite andesite 1% py	< 5	< 0.2	58	43	4	143
			Silica Felsic/altered dacite (parent) - 100.18 to 133.86m						
			#120601- 128.88-131.50 (1.62 m)- silica altered dacite, fine grained, tan, dacite andesite 30% silica, 3% sericite, tr py	< 5	< 0.2	7	4	< 2	19
			#120602- 130.50-132.04 (1.54 m)- silica altered dacite, fine grained, tan, dacite andesite 30% silica, 3% sericite, tr py	< 5	< 0.2	21	10	2	29
			At 131.62- 31 cm of 5% silica altered of chlorite dacite andesite 5% calcite						
			#120603- 132.04-132.80 (0.76 m)- silica altered dacite, fine grained, tan, dacite andesite 30% silica, 3% sericite, tr py	< 5	< 0.2	7	5	2	12
			#120604- 132.80-133.88 (1.08 m)- silica altered dacite, fine grained, tan, dacite andesite 30% silica, 3% sericite andesite tr py	< 5	< 0.2	10	3	< 2	10
133.86	**141.22**	**7.36**	**Chlorite-Carbonate altered dacite andesite 1% Pyrite**						
			Fine to medium grained, green, 10% chlorite andesite 5% carb altered of wk sheared approximately 060o (fol?) dacite andesite 1% py, >3% late calcite filled fractures						
			#120605- 133.88-135.28 (1.50 m)- chlorite Carb altered dacite, same as parent with 10 cm zone of silica dacite/dike @ 134.00-134.10	6	< 0.2	69	39	2	122
			#120606- 135.28-136.88 (1.60 m)- Carb chlorite dacite, same as parent, >10% chlorite, 5% calcite, tr py	< 5	< 0.2	68	43	3	121
			#120607- 136.88-138.50 (1.62 m)- Carb chlorite dacite, medium grained, green, 20% chlorite-carb altered dacite andesite 1% py with fol 060o	< 5	< 0.2	59	35	4	108
			#120608- 138.50-140.00 (1.50 m)- Carb chlorite dacite, same as #120607	< 5	< 0.2	70	33	< 2	126
			#120609- 140.00-141.22 (1.22 m)- Carb chlorite Shr dacite, fine grained, green to black, wk sheared dacite with 10% chlorite-biotite altered andesite tr py	6	< 0.2	17	11	< 2	163
141.22	**162.64**	**21.42**	**Basalt Tuff +/- up to 10% Clasts**						

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			Fine grained, green-grey, 5% chlorite altered, mafic tuff with 3-5% filled fractures andesite amygdules. Avg 2-5% clasts of silica dacite but can get up to 10% (@0.5-3 cm) clast. "Sandy" units with no clasts from 0.3-1.0 m wide						
			#120610- 141.22-143.00 (1.78 m)- basalt Tuff (Pyroclastic), fine grained, green, >5% chlorite altered with 5-20% clasts of silica dacite, tr py	< 5	< 0.2	< 1	< 1	< 2	122
			#120611- 143.00-144.50 (1.50 m)- basalt Tuff (Pyroclastic), fine grained, green, >10% chlorite-calcite altered with 5-20% clasts of silica dacite, tr py	< 5	< 0.2	< 1	1	< 2	111
			#120612- 144.50-146.00 (1.50 m)- basalt Tuff (Pyroclastic), fine grained, green, >10% chlorite-calcite altered with 5-20% clasts of silica dacite, tr py	< 5	< 0.2	< 1	< 1	< 2	89
			#120613- 146.00-147.50 (1.50 m)- basalt Tuff (Pyroclastic), same as #120612 with strong shear at 146.28-146.45 (17 cm)	< 5	< 0.2	35	1	< 2	112
			#120614- 147.50-149.00 (1.50 m)- basalt Tuff (Pyroclastic), same as #120612, tr py	< 5	< 0.2	11	< 1	< 2	95
			#120615- 149.00-150.50 (1.50 m)- basalt Tuff (Pyroclastic), fine grained, green, 10% chlorite-carb altered, <5% clasts of silica dacite, 5% calcite fractures, tr py	< 5	< 0.2	27	2	< 2	145
			#120616- 150.50-152.00 (1.50 m)- basalt Tuff (Pyroclastic), same as #120615	< 5	< 0.2	51	16	< 2	128
			#120617- 152.00-153.50 (1.50 m)- basalt Tuff (Pyroclastic), fine grained, green, 20% chlorite-carb altered, 5% calcite fractures andesite >20% silica dacite clasts, tr py	< 5	< 0.2	12	< 1	< 2	129
			#120618- 153.50-155.00 (1.50 m)- basalt Tuff (Pyroclastic), same as #120617	< 5	< 0.2	4	< 1	< 2	113
			#120619- 155.00-156.50 (1.50 m)- basalt Tuff (Pyroclastic), fine grained, green, 20% chlorite-carb altered, 5% calcite fractures andesite 30-50% silica clasts andesite 1% py +/- po	< 5	< 0.2	18	< 1	< 2	116
			#120620- 156.50-158.00 (1.50 m)- basalt Tuff (Pyroclastic), fine grained, green >10% chlorite-carb altered, plus 30-50% silica clasts, 3% QV @045o, tr-1% py	46	< 0.2	9	1	< 2	116
			#120621- 158.00-159.50 (1.50 m)- basalt Tuff (Pyroclastic), fine grained, green, 5% chlorite-carb altered, andesite 5-10% silica clasts, tr py	10	< 0.2	< 1	< 1	< 2	122
			#120622- 159.50-161.00 (1.50 m)- basalt Tuff (Pyroclastic), fine grained, green, 5% chlorite-carb altered andesite 5-10% silica clasts, tr py	6	< 0.2	1	2	< 2	151
			#120623- 161.00-162.64 (1.64 m)- basalt Tuff (Pyroclastic), fine grained green, 10% chlorite-carb, altered plus 10% silica clasts, tr py	6	< 0.2	7	< 1	< 2	**217**
162.64	**172.77**	**10.13**	**Felsic (dacite) Tuff-Crystal**						
			Fine grained, green, >10% chlorite + carb with 2-5% fine plag crystals in finer matrix; up to 5% blue quartz eyes. Tr-1% py; Zone <20 cm of >2% py-po-cpy						
			#120624- 162.64-164.00 (1.36 m)- dacite Tuff, fine grained, green, 10% chlorite-calcite tuff, 1% py-po andesite 3% QCV	< 5	< 0.2	12	< 1	< 2	169

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			#120625- 164.00- GOLD STANDARD/SF67	**769**	**1.3**	94	79	72	159
			#120626- 164.00-165.38 (1.38 m)- dacite Tuff, same as #120624	< 5	< 0.2	19	< 1	< 2	138
	165.38	165.84	Dacite Lapilli Tuff - medium grained, grey-green, >10% chlorite-biotite, 5-10% calcite altered with >20% grey qtz eyes, 2% py-po						
			#120627- 165.38-165.84 (0.46 m)- same as above	8	< 0.2	2	192	19	147
			#120328- 165.84-166.84 (1.00 m)- dacite Tuff, see #120629 (PARENT)	< 5	< 0.2	4	2	3	155
			#120629- 166.84-167.34 (1.50 m)- dacite Tuff (Crystal), fine grained, green, 10% chlorite-calcite, 1% py-po	< 5	< 0.2	12	3	< 2	163
			#120630- 167.34-169.84 (1.50 m)- dacite Tuff (Crystal), fine grained, green, 10% chlorite-calcite, 1% py-po	< 5	< 0.2	22	< 1	< 2	170
	168.84	172.77	Felsic (dacite) Pyroclastic Tuff - fine to medium grained, green, >10% chlorite altered andesite <5% carb in fractures with 1-2% py-po in fractures andesite disseminated						
			#120631- 169.84-171.34 (1.50 m)- Felsic Pyroclastic Tuff, fine to medium grained, green, >10% chlorite-carb andesite 30-50% silica dacite andesite 2-3% py-po-cpy	< 5	< 0.2	7	< 1	< 2	177
			#120632- 171.34-172.77 (1.43 m)- Felsic Pyroclastic Tuff, fine to medium grained, green, >10% chlorite-carb andesite 20-30% silica dacite andesite 2% py-po-cpy	< 5	< 0.2	25	1	< 2	129
		172.77	Felsic Crystal Tuff (PARENT), fine grained, green, 10% chlorite-carb altered with 1-2% fine disseminated pyrite andesite po stringers						
172.77	**206.50**	**33.73**	**Felsic Tuff andesite 2-5% Py-Po**						
			Fine grained, green, 10% chlorite-carb bandesiteed tuff with 3-8% grey quartz eyes. Typically 1-2% py-po but small zones (<30 cm) of >5% py-po-cpy						
			#120633- 172.77-174.50 (1.73 m)- dacite Tuff, fine grianed, green, 10% chlorite-carb plus 2% py-po	6	< 0.2	6	< 1	< 2	118
			#120634- 174.50-176.00 (1.50 m)- dacite Tuff, fine grained, green, 10% chlorite-carb plus 3-4% py-po	9	< 0.2	58	< 1	< 2	82
			#120635- 176.00- BLANK/Silica Standard	< 5	< 0.2	< 1	< 1	< 2	17
	176.00	178.82	Shear dacite Tuff - fine grained, green, >20% chlorite-calcite altered in wk-mod shear @060o andesite tr-1% py; <5% clasts of silica dacite						
			#120636- 176.00-177.50 (1.50 m)- Shear dacite Tuff, >20% chlorite-calcite altered dacite andesite 5% silica clasts, tr py	< 5	< 0.2	< 1	2	< 2	131
			#120637- 177.50-178.82 (1.32 m)- Shear dacite Tuff, >20% chlorite-calcite altered dacite andesite 5% silica clasts, tr py	< 5	0.2	11	7	7	111
	178.82	182.21	Felsic Tuff /Andesite + 2-5% py-po (PARENT)						

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			#120638- 178.82-180.32 (1.50 m)- dacite Tuff andesite >2% py-po, fine grained, green, 10% chlorite-carb andesite 44 cm of 4-5% py-po-cpy; Averaged >2% py-po +/- cpy	< 5	< 0.2	46	2	4	129
			#120639- 180.32-181.32 (1.00 m)- dacite Tuff, fine grained, green, 10% chlorite-carb andesite 1-2% py-po	< 5	< 0.2	17	< 1	< 2	106
			#120640- 181.32-182.21 (0.89 m)- dacite Tuff, fine grained, grenn, 10% chlorite-carb andesite 1-2% py-po	< 5	< 0.2	14	< 1	< 2	115
	182.21	185.06	Shear Felsic Tuff - fine grained, grey-green, 20% chlorite-calcite altered dacite with wk-mod shear @060o, tr-1% py-po-cpy						
			#120641- 182.21-183.71 (1.50 m)- Shear dacite, fine grained, green, 20% chlorite-calcite altered plus 5-10% silica clasts andesite >1% py-po	< 5	< 0.2	< 1	14	< 2	122
			#120642- 183.71-185.06 (1.35 m)- Shear dacite, same as #120642	< 5	< 0.2	< 1	1	< 2	127
	185.06	188.00	Felsic Tuff andesite 2-5% py-po (PARENT)						
			#120643- 185.06-186.50 (1.44 m)- Felsic Tuff, fine grained, green, 10% chlorite-carb andesite 2-3% fine py-po	< 5	< 0.2	3	< 1	< 2	121
			#120644- 186.50-188.00 (1.50 m)- Felsic Tuff, same as #120643	18	< 0.2	31	< 1	< 2	103
	188.00	198.05	Felsic Tuff (dacite - andesite) + trace Pyrite - fine grained, green, 10% chlorite felsic tuff/dacite with 2-5% blue or grey qtz eyes; tr-py, small zones 5-50 cm of 10-20% calcite altered in fractures or vugs						
			#120645- 188.00-189.50 (1.50 m)- Felsic Tuff, same as parent with <3% calcite in fractures andesite tr py	< 5	< 0.2	< 1	2	< 2	144
			#120646- 189.50-191.00 (1.50 m)- Felsic Tuff, fine grained, green, 10% chlorite felsic, 5% qtz eyes with 37 cm section of >20% calcite-chlorite altered, tr py	< 5	< 0.2	< 1	7	< 2	159
			#120647- 191.00-192.50 (1.50 m)- Felsic Tuff, fine grained, green, >10% chlorite-carb felsic tuff, tr py	12	0.2	23	12	3	**235**
			#120648- 192.50-194.00 (1.50 m)- Felsic Tuff, fine grained, green, 5-10% chlorite andesite <5% carb in fractures, tr py	< 5	< 0.2	8	2	< 2	**279**
			#120649- 194.00-195.50 (1.50 m)- Felsic Tuff, fine grained, green, 5-10% chlorite andesite <5% carb in fractures, tr py	< 5	< 0.2	6	2	< 2	180
			#120650- 195.50-197.00 (1.50 m)- Felsic Tuff, fine grained, green, 5-10% chlorite, felsic with two 10 cm zones of 20% calcite-chlorite; avg 12-15%, tr py	< 5	< 0.2	4	< 1	< 2	**201**
			#120651- 197.00-198.05 (1.05 m)- Felsic Tuff, fine grained, green, 5-10% chlorite andesite <5% calcite in fractures/vugs andesite tr py	< 5	< 0.2	< 1	2	< 2	189
	198.05	200.13	Felsic Lapilli Tuff (dacite-andesite) + 2-5% Pyrite (aka FLT) - medium grained, grey to grey-green, lapilli tuff with >5% grey andesite blue qtz with 2-5% med-coarse py; zones up to 10 cm with >10% py						
			#120652- 198.05-199.09 (1.04 m)- FLT andesite >2% Py, medium grained, grey, lapilli tuff andesite 3-5% chlorite clasts andesite 2-5% coarse py	< 5	< 0.2	42	79	9	80
			#120653- 199.09-200.13 (1.04 m)- FLT andesite >2% Py, same as #120652	< 5	< 0.2	31	77	10	75
	200.13	206.50	Felsic Chlorite Tuff (andesite) + Trace Pyrite - similar to 188.00-198.05						

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			#120654- 200.13-201.63 (1.50 m)- Felsic chlorite Tuff, fine grained, green, >10% chlorite andesite <5% calcite altered, felsic tuff andesite 3-5% blue andesite grey qtz eyes, 5-15% calcite altered in fractures andesite vugs	< 5	< 0.2	19	< 1	< 2	129
			#120655- 201.63-203.00 (1.37 m)- Felsic Tuff, fine grained, green, >10% chlorite andesite <5% calcite, tr py	< 5	< 0.2	46	< 1	< 2	109
			#120656- 203.00-204.50 (1.50 m)- Felsic Tuff, same as #120655	< 5	< 0.2	1	< 1	< 2	106
			#120657- 204.50-206.00 (1.50 m)- Felsic Tuff, same as #120655	< 5	< 0.2	26	< 1	3	105
206.50	**242.00**	**35.50**	**Chlorite Basalt**						
			Fine grained, green, >5% chlorite altered, massive basalt with wk fol @060o, 5% hornblende-chlorite phenocrysts, <3% calcite in fractures or vugs. Rare-0.5% Pyrite in fractures (late)						
	208.45	210.70	Chlorite Basalt Tuff - fine grained, chlorite (5%) altered tuff with 2-3% chlorite along seams, tr-0.5% py disseminated (ave approximately 0.25%)						
			At 210.35- 3 cm QCV @080o						
			At 210.92 cm- 3 cm QCV @080o (PARENT)						
	214.06	216.34	Carbonate-chlorite altered basalt - fine grained, green, >10% chlorite, 5-20% calcite altered basalt flow andesite tr py						
	219.01	219.31	Chlorite-Carbonate altered basalt (Tuff?) - fine grained, grey-green, wk sheared basalt or basalt tuff with >20% chlorite-calcite altered @060o, tr-1% py						
	221.53	222.69	Chlorite-Carbonate altered basalt (Flow) - fine grained, grey, basalt flow with >20% chlorite andesite >10% calcite altered in matrix breccia (?), tr py						
			Fine grained, dark green, >10% chlorite altered basalt flow with rare-0.5% py (dissem), 2-3% calcite veins @060o, small zones (<20 cm) of 1-2% py but very sporadic (PARENT)						
			At 226.05- 3 cm QCV @070o						
			At 229.00- 1 cm QCV @045o						
			At 232.55- 5 cm QCV @045o						
	234.45	242.00	Carbonate-chlorite altered basalt - fine grained, green, 5-10% chlorite basalt with 10-20% calcite overprinting andesite <5% calcite filled fractures						
242.00			**End of Hole**						

NuVision Resources ULC - Cat Key Property										
Drill Hole Summary:			**NVR14-6**	End of Hole:		209.00m				
Grid Location:			L53 + 30E, 20 + 15N	Logged By:		Allen J. Raoul, PGeo.				
UTM Location:			521285E, 5400276N (NAD83, Zone 15)	Date:		November 8 - 9, 2015				
Direction:			Azm 190o @ -50o	Other:		Mallette Drilling				
From (m)	**To (m)**	**Interval (m)**	**Description**	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Ni (ppm)**	**Pb (ppm)**	**Zn (ppm)**	
0.00	**4.00**	**4.00**	**Casing**							
1.02	**26.59**	**25.57**	**Quartz gabbro/Diorite**							
			Medium grained, massive of 40-50% plagioclase (+ wk saussarization), 40-45% hornblende (+ chlorite) with >5% grey and blue qtz eyes							
	12.42	15.10	Sheared, Silica altered gabbro - fine grained, grey, altered gabbro/diorite with 5-10% silica altered and 5-10% calcite altered;							
			At 13.60-13.80- 30% silica and 12-15% py-po							
			#120658- 12.42-14.00 (1.58 m)- silica altered gabbro- 5-20% silica and 5-10% calcite altered gabbro/diorite with 20 cm of 30% silica and 12-15% py-po	36	0.6	25	< 1	143	**741**	
			#120659- 14.00-15.10 (1.10 m)- silica altered gabbro, 5-10% silica and 5% calcite altered gabbro/diorite and tr-1% py-po	20	0.3	9	< 1	49	114	
			#120673- 15.10-17.00 (1.90 m)- Shear gabbro, fine to medium grained, grey, wk shear (045o) gabbro with 5-15% calcite +/- silica altered and <1% py-po. (parental rock)	< 5	< 0.2	< 1	< 1	8	90	
			At 17.76- 7 cm QCV @030-045o							
			At 21.50- 5 cm QCV and 5% po @060o							
			#120660- 23.71-25.21 (1.50 m)- Shear Quartz Gabbro/Diorite- fine grained, dark grey-green, >15% chlorite, 5% calcite altered gabbro with wk shear/foliation @060o, tr-1% ppy	79	< 0.2	12	< 1	4	193	
	25.21	26.59	Shear Quartz Gabbro/Diorite and QCV-Py-Po - sheared qtz gabbro/diorite (as #120660) with 50 cm zones of coarse granite or >5 cm veins of coarse calcite and 10% py-po crystals							
			#120661- 25.21-26.59 (1.38 m)- above plus 12 cm zone of 50% QV-chlorite and 2-3% py-po, 62 cm of QV in 1.38 m (approx. 45%)	99	0.4	155	22	11	84	
26.59	**76.17**	**49.58**	**Chlorite-calcite dacite and 1-2% Po-Py**							
			Fine to medium grained, dark green, >20-30% chlorite altered dacite, with 10-15% blue qtz eyes; 3% calcite filled fracture @045-060o, 1-2% dissem po-py; 5-10% pervassive calcite altered							
			#120662- 26.59-28.09 (1.50 m)- chlorite dacite, fine grained, dark green, 25% chlorite altered, 2-3% calcite filled fracture and 2% py-po	34	< 0.2	23	2	< 2	**203**	
			#120663- 28.09-29.59 (1.50 m)- Chlorite dacite, same as #120662	< 5	< 0.2	1	< 1	3	105	
			At 37.92- 3 cm QCV (praent)							

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			At 39.50-40.10- over 10% calcite veins (1-2 cm) @045o to 020o						
			At 41.35-41.48- 30% white calcite +/- qtz veins @045o						
			At 44.25-44.60- 35 cm fracture zone of broken chlorite dacite and 5% QCV @045o						
			At 48.18- 1 cm QCV @050o						
			At 50.85-51.05- 20 cm zone with 30% QCV @060o or within fracture zones						
			#120664- 55.56-57.11 (1.50 m)- Weak Shear Chlorite-carbonate dacite - fine to medium grained, green, >20% chlorite-carbonate altered with 5 cm QV-chlorite-py vein (@56.03) and 4 cm QV-chlorite-po vein (@56.48), 6% QV-chlorite and py-po (<1%)	116	< 0.2	56	2	2	85
			#120665- 57.11-58.61 (1.50 m)- Weak Shear chlorite-carbonate dacite, fine to medium grained, green, >20% chlorite-carbonate altered and <2% QCV vein @045o	40	< 0.2	10	< 1	< 2	107
			#120666- 58.61-60.11 (1.50 m)- Weak Shear chlorite-carbonate dacite, same as #120665, 60.08, 3 cm QCV @075o	31	< 0.2	14	1	3	111
			#120667- 60.11-61.13 (1.02 m)- Weak Shear chlorite-carbonate dacite, fine to medium grained, green, >20% chlorite-carbonate altered plus 10% calcite along axis and 1-2% py	< 5	< 0.2	12	< 1	< 2	113
	61.13	61.82	Quartz-carbonate-Chlorite Vein - over 70% qtz-calcite-chlorite vein in shear carbonate-chlorite dacite plus tr-1% py-po						
			#120668- 61.13-61.82 (0.69 m)- see above	< 5	< 0.2	< 1	< 1	4	84
			#120669- 61.82-63.32 (1.50 m)- Shear chlorite-carbonate dacite, fine to medium grained, green, >20% chlorite-calcite dacite (parent)	< 5	< 0.2	3	< 1	< 2	110
			#120670- 63.32-64.63 (1.31 m)- Shear chlorite-carbonate dacite, fine to medium grained, green, >20% chlorite-calcite dacite	< 5	< 0.2	12	< 1	< 2	114
64.63	65.14		Quartz-chlorite-calcite Vein in Shear dacite - >60% coarse, white QV-chlorite in sheared chlorite-calcite altered dacite and tr py						
			#120671- 64.63-65.14 (0.51 m)- Qtz-Calc-Chl Vein, see above	< 5	< 0.2	13	< 1	< 2	104
			#120672- 65.14-66.64 (1.50 m)- Shear carbonate-chlorite dacite, fine to medium grained, green, >20% chlorite-carbonate	< 5	< 0.2	5	4	< 2	123
			#120674- 66.64-68.00 (1.36 m)- Shear carbonate-chlorite dacite, medium grained, green, >20% chlorite-carbonate, lapilli tuff, tr py	< 5	< 0.2	11	4	< 2	122
			#120675- 68.00-69.50 (1.50 m)- Shear carbonate-chlorite dacite, same as #120674 with 68.50-68.90 rubble zone (faul breccia) and 2-3% calcite in late fractures	< 5	< 0.2	17	1	< 2	**211**
			#120676- 69.50-70.87 (1.37 m)- Shear carbonate-chlorite dacite, medium grained, green, >20% chlorite-carbonate, lapilli tuff, tr py plus several 0.5-1 cm foliationded QCV @70.20-70.60	< 5	< 0.2	19	< 1	< 2	127
			#120677- 70.87-72.68 (1.81 m)- Shear carbonate and QCV (45%), 70.87-71.36 (0.49 m)- heavily sheared, >30% chlorite, 5% calcite, tr py in dacite, 71.36-71.83- shear dacite and chlorite-carbonate, 71.83-72.68- 70% QCV and 20% chlorite and 10% altered dacite	< 5	< 0.2	< 1	8	< 2	170
			#120678- 72.68- 74.00 (1.32 m)- chlorite-carbonate altered dacite, medium grained, grey-green, lapilli tuff, tr py with wk shear @060o, >20% chlorite-calcite	< 5	< 0.2	37	9	< 2	129
			#120679- 74.00-75.48 (1.48 m)- chlorite carbonate altered dacite, medium grained, grey-green, lapilli tuff with >20% chlorite-carbonate, tr py	< 5	< 0.2	17	9	2	119

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			At 75.24- 6 cm white QV @060o						
			#120680- 75.48-76.17 (0.69 m)- Chlorite carbonate altered dacite, medium grained, grey-green, lapilli tuff with >20% chlorite-carbonate, py	< 5	0.3	5	15	< 2	122
76.17	**80.89**	**4.72**	**Quartz Zone in Chlorite-carbonate dacite**						
			Over 50% white quartz with tr-2% py-po-cpy. Small zones <10 cm of >10% py-po-cpy. Zones of chlorite-carbonate dacite between qtz zones						
			#120681- 76.17-77.67 (1.50 m)- QV in chlorite-calcite dacite, 65% white QV and 2-3% py-po in carbonate-chlorite dacite	< 5	< 0.2	43	13	2	84
			#120682- 77.67-79.17 (1.50 m)- QV in chlorite-calcite dacite, 42% white QV and tr-1% py-po in carbonate-chlorite dacite	< 5	< 0.2	< 1	27	< 2	112
			#120683- 79.17-80.89 (1.72 m)- QV in chlorite-calcite dacite, 36% white QV and tr-1% py-po in carbonate-chlorite dacite	< 5	< 0.2	2	30	< 2	128
80.89	**102.00**	**21.11**	**Chlorite-Biotite-Calcite altered dacite and Trace-1% Py-Po**						
			Medium grained, dark grey-green, lapilli tuff of dacite with 5% blue/grey qtz eyes; matrix has 5% calcite altered of 10-15% chlorite and 5-10% biot (phenocrysts), tr-1% py or po. Small zones 2-15 cm of 10-50% white qtz vein; <3% of unit						
			#120684- 80.89-82.49 (1.50 m)- chlorite-Biot-calcite altered dacite, >25% chlorite-biot-calcite altered dacite with tr py-po	< 5	< 0.2	< 1	46	< 2	167
			#120685- 82.49-84.00 (1.51 m)- chlorite-Biot-calcite altered dacite and QV, 4-5% white qtz-chlorite veins in >25% chlorite-biot-calcite altered dacite nad tr py-po	< 5	< 0.2	1	48	< 2	166
			#120686- 84.00-85.50 (1.50 m)- chlorite-Biot-calcite altered dacite and QV, 9% white qtz-chlorite veins in >25% chlorite-biot-calcite altered dacite and 1% py-po	< 5	< 0.2	< 1	50	< 2	161
			#120687- 85.50-87.00 (1.50 m)- chlorite-Biot-calcite dacite, 10% white QV-chlorite in 25% chlorite-biot-calcite altered dacite and 1% py-po	< 5	< 0.2	12	41	4	149
			#120688- 87.00-88.00 (1.00 m)- chlorite-Biot-calcite dacite, 19 cm intense shear zone (>50% calcite-chlorite) in >25% chlorite-biot-calcite dacite, tr py-po	< 5	0.2	85	46	< 2	153
			#120689- 88.00-89.00 (1.00 m)- chlorite-Biot-calcite dacite, >25% chlorite-biot-calcite dacite, tr-1% py-po	< 5	0.2	97	45	5	141
			#120690- 89.00- BLANK/Silica Sand	< 5	< 0.2	< 1	< 1	< 2	24
			#120691- 89.00-90.50 (1.50 m)- chlorite-Biot-calcite dacite, >25% chlorite-biot-calcite dacite, tr py-po with 2 cm QV @89.67 m	< 5	< 0.2	33	43	2	155
			120692- 90.50-92.00 (1.50 m)- chlorite-Biot-calcite dacite, >25% chlorite-biot-calcite-dacite, tr py-po with 1 cm QV @90.92 m	< 5	0.2	10	45	< 2	155
			#120693- 90.00- GOLD STANDARD/SF67	**795**	**1.2**	89	74	67	150
			#120694- 92.00-93.50 (1.50 m)- Chlorite-Biotite-Calcite Dacite and Trace-1% Py-Po (CBC dacite), >25% chlorite-biot-calcite altered dacite and 6% late calcite +/- qtz filled fractures and tr py	6	0.3	81	40	3	142

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			#120695- 93.50-95.00 (1.50 m)- CBC dacite, >25% chlorite-biot-calcite altered dacite and <2% late calcite filled fracture and tr py	7	< 0.2	53	42	< 2	136
			#120696- 95.00-96.50 (1.50 m)- CBC dacite, >25% chlorite-biot-calcite altered dacite, tr-1% py-po	< 5	< 0.2	57	37	< 2	109
			#120697- 96.50-98.00 (1.50 m)- CBC dacite, same as #120696	< 5	< 0.2	46	41	< 2	104
			#120698- 98.00- 99.50 (1.50 m)- CBC dacite, same as #120696	< 5	0.3	69	36	9	91
			#120699- 99.50-101.00 (1.50 m)- CBC dacite, same as #120696	< 5	0.2	78	37	3	97
			#120700- 101.00-102.00 (1.00 m)- CBC dacite, similar to #120696 with 23 cm zone of qtz-calcite-chlorite @030-045o	< 5	< 0.2	29	34	< 2	117
102.00	**110.21**	**8.21**	**Chlorite basalt (Flow) and >1% Py**						
			Fine grained, green, 10% chlorite (no pervasive calcite) basalt with 5-10% fine hornblende-chlorite phenocrysts. 1-2% fine-coarse py cubes and along fractures. 1-2% calcite in late fractures @015-045o over 0.5-2 cm						
			#120701- 102.00-103.00 (1.00 m)- chlorite basalt, fine grained, green, chlorite basalt, >1% py	< 5	< 0.2	61	39	3	97
			#120702- 103.00-104.00 (1.00 m)- chlorite basalt, fine grained, green, chlorite basalt, >1% py	< 5	< 0.2	73	29	3	90
			#120703- 104.00-105.50 (1.50 m)- chlorite basalt, fine grianed, green, chlorite basalt, >1% py	< 5	0.3	71	26	3	140
			#120704- 105.50-106.70 (1.20 m)- Sheared basalt - fine grained, chlorite basalt with weak shear @045o (foliation) with 3-5% calcite along shear plunges	< 5	< 0.2	54	33	2	171
	106.70	107.05	Leucogabbro Dike - 35 cm wide, medium-coarse grained, light colour, plagioclase-rich >60% gabbro with wk sausarization (<10%), tr py-po						
			#120705- 106.70-107.35 (0.65 m)- Combined leucogabbro with sheared chlorite basalt, first 35 cm is leucogabbro, last 30 cm is mod sheared chlorite basalt; see #120704	< 5	< 0.2	34	34	< 2	92
	107.35	108.85	Quartz Zones (18%) in Sheared chlorite basalt - 27 cm of pink, hematized qtz (3 sep. units) @070o-080o in wk to mod sheared chlorite basalt with 1-2% py-po						
			#120706- 107.35-108.85 (1.50 m)- Qtz Zone, above	< 5	0.3	8	31	< 2	86
			#120707- 108.85-110.21 (1.36 m)- shear chlorite basalt, fine grained, green, 10% chlorite, shear basalt @060o, last 10 cm is shear zone (0.1 cm) of >50% calcite, 20% chlorite @060o	< 5	< 0.2	44	34	< 2	100
110.21	**116.45**	**6.24**	**Chlorite-calcite altered dacite and 1-2% py +/- po**						
			Medium grained, dark green to green-black, dacite with >5% grey qtz eyes and 20-30% altered matrix of chlorite-biot with 5-10% calcite altered. >1% coarse py cubes and tr po. over 5% calcite in late fracturing; approximately weak shearing @060o						
			At 16.14- 7 cm rubble approximate fault						
			At 16.22- 5 cm rubble approximate fault						
			#120708- 110.21-111.71 (1.50 m)- shear chl-calcite dacite, fine grained, dark green, dacite and 20-30% chlorite-biot-calcite and >1% py; last 10 cm is >50% calcite-chlorite shear @060o	< 5	0.2	65	41	2	133

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			#120709- 111.71-113.00 (1.29 m)- shear chlorite-calcite dacite, fine grained, dark green, dacite and 20-30% chlorite-biot-calcite and >1% py plus 1 cm QV @111.78 m, 7 cm QCV @112.88 m, >1% py and tr po	< 5	0.2	75	35	< 2	125
			#120710- 113.00-114.50 (1.50 m)- shear chlorite-calcite dacite, same as #120709 with 5 cm QCV @113.13 m, >1% py, po	< 5	< 0.2	61	26	< 2	124
			#120711- 114.50-116.00 (1.50 m)- shear chlorite-calcite dacite, same as #120709 but no QV, tr py	< 5	0.2	52	23	5	140
			#120712- 116.00-116.45 (0.45 m)- shear chlorite-calcite dacite and >1% py, tr po, highly sheared, >50% chlorite-carbonate altered with 2 rubble zones/fault planes, >1% py-po	< 5	< 0.2	23	8	2	162
116.45	**119.87**	**3.42**	**Chlorite-carbonate pyroclasticbasalt Tuff**						
			Fine grained, dark green, >20% chlorite-calcite altered matrix (pervasive), pyroclastic andesite-basalt with <2% qtz eyes (grey). 5-10% chlorite frags that has been compressed >5:1 (thin and long); well bedded @065o/almost laminated. tr-1% py +/- po. 3-5% fine plagioclase phenocrysts. <2% calcite filled vesicules.						
			#120713- 116.45-117.75 (1.30 m)- chlorite-carbonate pyroclastic basalt Tuff, fine grained, dark green, >20% chlorite-calcite and 5% pyroclastic, >1% py	< 5	< 0.2	< 1	< 1	< 2	130
			#120714- 117.75-119.00 (1.25 m)- chlorite-carbonate pyroclastic basalt Tuff, similar to #120713	< 5	< 0.2	< 1	< 1	< 2	118
			#120715- 119.00-119.87 (0.87 m)- chlorite-carbonate pyroclastic basalt Tuff, similar to #120713	**111**	< 0.2	< 1	< 1	< 2	129
119.87	**135.45**	**15.58**	**Silicified Felsic/Dacite +Tr-1% Py +/- Tr Po**						
			Fine to medium grained, tan, dacite with 30-50% silica overprinting. 3-5% white qtz veins (0.5-2 cm) @045-060o. 1-2% late fractures infilled with black chlorite @015-060o. 1-5% fine sericite altered of matrix. Note: Sharp contact with above unit however it is a gradation contact in previous hole (NVR14-5).						
			#120716- 119.87-120.50 (0.67 m)- silica dacite, medium grained, tan, dacite with 1-3% sericite and <1% qtz, tr py	< 5	< 0.2	10	4	2	17
			#120717- 120.50-122.00 (1.50 m)- silica dacite, similar to #120716, medium grained, tan, dacite with 3-5% sericite with >50% silica, 1% py	< 5	< 0.2	3	3	3	12
			#120718- 122.00- BLANK/Silica Sand	< 5	< 0.2	< 1	< 1	< 2	23
			#120719- 122.00-123.50 (1.50 m)- silica dacite, fine grained, tan, dacite with >50% silica; >5% sericite, qtz banding, tr py, several 1-2 cm grey QV @070o appoximately 2-3%	< 5	< 0.2	5	3	< 2	6
			#120720- 123.50-125.00 (1.50 m)- silica dacite, fine to medium grained, tan, dacite with 30-50% silica altered 2-3% wer, >3% chlorite in fracture and 2-3% grey QV; tr py	< 5	< 0.2	5	4	< 2	11
			#120721- 125.00-126.50 (1.50 m)- silica dacite, similar to #120720 but only 1% grey QV-QCV, tr py	< 5	< 0.2	4	4	< 2	12
			#120722- GOLD STANDARD/SF67	**891**	**3.2**	97	81	74	160

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			#120723- 126.50-128.00 (1.50 m)- silica dacite, medium grained, tan, dacite, 30-50% silica, 2-3% sericite, tr py, and 3-5% chlorite in fracture, 2-3% QV @045o	< 5	< 0.2	5	3	2	15
			#120724- 128.00-129.50 (1.50 m)- silica dacite, fine grained, tan, dacite, 30-50% silica, 2-3% sericite, 3-5% QV (0.5-1 cm) @045-060o	< 5	< 0.2	3	4	< 2	13
			#120725- 129.50-131.00 (1.50 m)- silica dacite and QV, mediumg grained, tan, dacite with 30-50% silica altered, 2-3% sericite plus >3% chlorite-hornblende clots (former phenocrysts), 129.50-130.00- 5 cm wide white QV along core axis with minor chlorite; 10-12% of sample	< 5	< 0.2	9	3	< 2	7
			#120726- 131.00-132.50 (1.50 m)- silica dacite, medium grained, tan, dacite with 30-50% silica, 2-3% sericite, 5% chlorite clots/fractures, tr py	< 5	< 0.2	10	3	3	14
			#120727- 132.50-134.00 (1.50 m)- silica dacite, fine grained, tan, dacite, with >50% silica and >1% py, >2% sericite	< 5	< 0.2	8	2	2	15
			#120728- 134.00 (1.50 m)- silica dacite, similar to #120727	< 5	< 0.2	13	3	3	69
135.45	**145.30**	**9.85**	**Chloritic Basalt Tuff with 5-20% Silica Dacite Fragments**						
			Fine grained, green, >20% chlorite, altered basalt tuff with 5-20% clasts (0.5-2 cm) of silica altered dacite or basalt. 1-2% coarse py cubes. Small zones (<20 cm) of 30-50% silica dacite clasts.						
			#120729- 135.45-137.00 (1.55 m)- chlorite basalt +/- pyroclastic (PC), fine grained, green, >20% chlorite, 5-10% silica frags, 1-2% py	49	< 0.2	28	7	2	131
			#120730- 137.00-138.50 (1.50 m)- chlorite basalt (PC), fine grained, green, >20% chlorite, 5-10% silica frags, + 7 cm of 50% silica frags and 5% py	10	< 0.2	5	< 1	< 2	105
			#120731- 138.50-140.00 (1.50 m)- chlorite basalt (PC), fine grained, green, >20% chlorite, 5-10% silica frags, >1% py	< 5	< 0.2	5	< 1	< 2	133
			#120732- 140.00-141.50 (1.50 m)- chlorite basalt, fine grained, green, >20% chlorite, 5-10% silica frags, 2-3% py cubes	< 5	< 0.2	11	< 1	< 2	139
			#120733- 145.50-143.00 (1.50 m)- chlorite basalt (PC), fine grained, green, >20% chlorite, 15-20% silica frags, >1% py cubes, >1% py cubes	< 5	< 0.2	15	10	< 2	148
			#120734- 143.00-144.50 (1.50 m)- chlorite basalt (PC), fine grained, green, >20% chlorite altered, 10-15% silica frags, >1% py cubes; several 5-10 cm zones of >10% plagioclase phenocrysts	< 5	< 0.2	< 1	< 1	< 2	142
			#120735- 144.50-145.30 (0.80 m)- chlorite basalt (PC), fine grained, green, >20% chlorite altered, 10-15% silica frags, 1% py cubes	< 5	< 0.2	< 1	2	< 2	143
145.30	**170.53**	**25.23**	**Chlorite Dacite**						
			Fine to medium grained, green, >10% chlorite-biot +/- 1-2% calcite altered matrix with 3-5% grey qtz eyes with Tr-1% py +/- Po						
			#120736- 145.30-146.70 (1.40 m)- chlorite dacite, fine grained, green, 10% chlorite +/- calcite with >3% grey qtz eyes, tr py	< 5	< 0.2	< 1	1	< 2	137
			#120737- 146.70-148.13 (1.43 m)- chlorite dacite, similar to #120736 with 60 cm zone of wk chlorite and 5% calcite shear @060o, tr py	< 5	< 0.2	< 1	< 1	< 2	123

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			#120738- 148.13-149.18 (1.05 m)- chlorite dacite, similar to #120736 with tr py	< 5	< 0.2	< 1	1	< 2	112
			At 149.59- 0.5 cm QV-plagioclase vein @045o						
			At 151.34-151.58 (0.24 m)- shear zone 24 cm chlorite shear zone @060o						
			At 152.23-152.34- 11 cm zone of 5-10% qtz-rich clasts						
			At 152.63- 3 cm zone of 50% qtz-kspar @045o						
			At 153.05- 3 cm zone of highly foliated QV (0.5%); approximately parasitic "M" folds						
			At 153.05-154.18- 0-10% qtz rich clasts in chlorite dacite						
	154.54	154.98	Chlorite sericite altered/Shear dacite - >30% chlorite-sericite altered dacite; fine grained, greenish-tan, dacite, rare py (<0.25% py). Several 5-15 cm wide zones of 5-10% qtz rich clasts (parental unit)						
			At 165.93-166.23 (0.30 m)- shear dacite, 30% chlorite +/- minor calcite shear dacite and tr py						
			#120739- 169.03-170.53 (1.50 m)- chlorite dacite, fine grained, green, 10% chlorite +/- calcite, 5% blue qtz eyes, tr-1% py	< 5	< 0.2	< 1	< 1	< 2	114
170.53	**175.23**	**4.70**	**chlorite dacite pyroclastic with 10-50% Silica Clasts**						
			Fine to medium grained, green, >10% chlorite altered matrix with avg 20-25% silica clasts (silica altered dacite) that have flattened; 1-4% py						
			#120740- 170.53-171.53 (1.00 m)- chlorite dacite PC and silica Clasts, >20% silica clasts (dacite) in chlorite dacite with 2-3% coars py cubes; esp with silica clasts	< 5	< 0.2	45	8	3	125
			#120741- 171.53-173.00 (1.47 m)- chlorite dacite PC, >20-30% silica dacite clasts in fine grained, green, chlorite dacite and 5% blue qtz and 2-3% py	< 5	< 0.2	19	1	< 2	182
			#120742- 173.00-174.50 (1.50 m)- chlorite dacite PC, same as #120742 and 1-2% py	< 5	< 0.2	25	1	< 2	**218**
			#120743- 174.50-175.23 (0.73 m)- chlorite dacite PC, same as #120742, tr- 1% py	**122**	< 0.2	42	< 1	< 2	**224**
175.23	**179.79**	**4.56**	**Chlorite Dacite**						
			Fine grained, green, 10% chlorite altered dacite and 5% blue/grey qtz eyes and tr py. Small zones, up to 20 cm, of white qtz-rich clasts						
			#120744- 175.23-176.73 (1.50 m)- chlorite dacite, fine grained, green, 10% chlorite, <5% silica frags, tr py; 25 cm chlorite shear	< 0.2	29	12	< 2	197	
			#120745- 176.73-178.12 (1.39 m)- chlorite dacite, 63 cm of 10% silica frags (<0.5 cm), fine grained, green, 10% chlorite, tr py	< 0.2	5	< 1	< 2	**206**	
			#120746- 178.12-179.79 (1.67 m)- chlorite dacite, 25 cm of 10% silica frags (<0.5 cm), fine grained, green, 10% chlorite, tr py	< 0.2	< 1	< 1	< 2	187	
179.79	**185.45**	**5.66**	**Dacite Flow and Trace-2% Pyrite**						
			Fine grained, grey, massive flow with 1-3% blue or grey qtz eyes. 1-3% calcite in late fracture. Tr-2% py cubes as dissem						
			#120747- 179.79-181.39 (1.50 m)- dacite Flow, Fine grained, grey-green, 5% chlorite altered, massive dacite flow and 5% grey qtz eyes, tr py	< 0.2	23	< 1	< 2	109	

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			#120748- 181.39-182.89 (1.50 m)- dacite Flow, same as #120747, tr py	< 0.2	18	2	< 2	143	
			#120749- 182.89-184.34 (1.45 m)- dacite Flow, same as #120747 and 1-2% py	< 0.2	17	2	3	132	
			#120750- 184.34-185.45 (1.11 m)- dacite Flow, same as #120747 and tr py	< 0.2	4	2	< 2	133	
185.45	**192.08**	**6.63**	**Chlorite Basalt +/- silica dacite frags (Tuff)**						
			Fine grained, dark green, >20% chlorite +/- <5% calcite altered basalt tuff and >5% hornblende with 0-5% white clasts of qtz-rich dacite; tr-1% py dissem.						
			#120751- 185.45-187.00 (1.55 m)- chlorite basalt, fine grained, green, 20% chlorite basalt and 5% black hornblende phenocrysts and 5-10% silica dacite clasts, tr py	< 0.2	< 1	< 1	< 2	113	
			#120752- 187.00-188.50 (1.50 m)- chlorite basalt, similar to #120751, tr py	< 0.2	3	2	< 2	68	
			#120753- 188.50-190.00 (1.50 m)- chlorite basalt, fine grained, green, 20% chlorite basalt and 5% hornblende and >10% silica dacite frags, tr-1% py	< 0.2	< 1	< 1	< 2	70	
			#120754- 190.00-191.50 (1.50 m)- chlorite basalt, fine grained, green, 20% chlorite basalt and 5% hornblende and <5% silica dacite frags, tr py	< 0.2	< 1	< 1	< 2	82	
			#120755- 191.50-192.08- chlorite basalt, fine grained, green, 20% chlorite basalt and 5% hornblende and <5% silica frags, tr py	< 0.2	25	3	< 2	95	
192.08	**194.10**	**2.02**	**Silica-sericite altered dacite and 1-2% Pyrite**						
			Fine grained, mediumg grey, 30-50% silica altered +/- 0-5% sericite (patchy) with 0-10% black chlorite/biot rafts along foliation planes @060o. Fine to med, dissem py approximately 1-2%						
			#120756- 192.08-193.08 (1.00 m)- silica sericite altered dacite Tuff, fine grained, grey >30% silica-sericite altered plus >1% py	< 5	< 0.2	23	83	6	60
			#120757- 193.08-194.10 (1.02 m)- silica sericite altered dacite Tuff, fine grained, grey, >50% silica-sericite altered plus >2% py	< 5	< 0.2	28	82	< 2	61
194.10	**198.02**	**3.92**	**Chlorite Dacite Flow**						
			Fine to medium grained, grey, dacite flow with 5-10% clasts/phenocrysts of chlorite-biot. 5% late fractures (<0.5 cm) of calcite @070o. Fine py in small zones (<10cm); tr-4%; avg 1-2% py						
			At 194.10- 5 cm QCV @070o						
			#120758- 194.10-195.50 (1.40 m)- chlorite dacite, fine grained, grey, dacite, 5% chlorite-biot, 1-2% py	< 5	< 0.2	17	76	3	114
			#120759- 195.50-197.00 (1.50 m)- chlorite dacite, fine grained, grey, dacite, 5% chlorite-biot, 1-2% py	7	< 0.2	27	< 1	3	118
			#120760- 197.00-198.02 (1.02 m)- chlorite dacite, fine grained, grey, dacite, 5% chlorite-biot, 1-2% py	< 5	< 0.2	12	2	< 2	113
198.02	**209.00**	**10.98**	**Weakly altered basalt Tuff**						

From (m)	To (m)	Interval (m)	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Ni (ppm)	Pb (ppm)	Zn (ppm)
			Fine grained, green, >10% chlorite and >5-10% (pervasive) calcite altered basalt tuff. Over 5% calcite filled fracture @060o. Trace py.						
			#120761- 198.02-199.52 (1.50 m)- chlorite-carbonate basalt, fine grained, green, >20% chlorite-calcite altered basalt, tr py	74	< 0.2	39	20	< 2	160
			#120762- 199.52-201.02 (1.50 m)- chlorite-carbonate basalt, same as #120761, tr py	21	< 0.2	1	3	< 2	**312**
			#120763- 201.02-202.20 (1.28 m)- chlorite-carbonate basalt, same as #120762	< 5	< 0.2	8	< 1	3	**318**
			#120764- 202.20-202.84 (0.64 m)- chlorite-carbonate basalt and 3-5% Py, fine grained, green, >20% chlorite-carbonate, altered basalt, 3-5% fine py	21	< 0.2	121	1	< 2	**436**
			#120765- 202.84-204.00 (1.16 m)- chlorite-carbonate basalt, same as #120762, tr py	< 5	< 0.2	< 1	< 1	4	**262**
209.00			**END of HOLE**						

NuVision Resources ULC - Cat Key Property									
Drill Hole Summary:			**NVR14-7**	End of Hole:		195.70m			
Grid Location:			L53+60E, 19+90N	Logged By:		Allen J. Raoul, PGeo.			
UTM Location:			5212339E, 5400275N (NAD83, Zone15)	Date:		November 9 -12, 2014			
Direction:			Azm 190o @ -050o	Other:		Mallette Drilling			
From (m)	**To (m)**	**Interval (m)**	**Description**	**Au (ppb)**	**Ag (ppm)**	**Cu (ppm)**	**Ni (ppm)**	**Pb (ppm)**	**Zn (ppm)**
0.00	**4.00**	**4.00**	**Casing**						
3.76	**46.95**	**43.19**	**chlorite Gabbro/Diorite + Trace-1% Py**						
			Medium grained, green, >10% chlorite altered diorite with 5% blue/grey qtz eyes; up to 5% pervasive calcite altered and trace -1% py. 2% late fracture @045o of calcite or qtz infilled with calcite-chlorite						
			At 6.22-6.37- 15 cm fault zone of chlorite diorite rubble						
			At 8.10-8.43 (0.33 m)- QV-chlorite-shear gabbro/diorite, 13 cm QV-chlorite in sheared gabbro						
			#120766- 8.00-8.54 (0.54 m)- 33 cm QV-chlorite in Shear Gabbro/Diorite and 17 cm chlorite Gabbro	30	< 0.2	< 1	< 1	< 2	128
			#120767- 11.00-12.48 (1.48 m)- chlorite Gabbro/Diorite, medium grained, green, >10% chlorite altered gabbro to diorite with 5% blue qtz eyes, trace-1% py	11	< 0.2	13	< 1	3	91
			#120768- 12.48- Blank/Silica Sand	< 5	< 0.2	< 1	< 1	< 2	18
	12.48	14.84	Silica-Carbonate altered Diorite - fine grained, light grey, >20-30% silica-calcite altered diorite (?) with >10% clasts (>0.5 cm) of black chlorite-biotite, 1-2% fine to coarse py						
			#120769- 12.48-13.66 (1.18 m)- Silica Carbonate Diorite, >30% silica carb altered, 10% chlorite-biotite + 1-2% py	< 5	< 0.2	40	46	9	58
			#120770- 13.66-14.84 (1.18 m)- Silica Carbonate Diorite, >30% silica carb al, 10% chlorite-biotite + 1-2% py	< 5	< 0.2	40	40	15	58
			#120771- 14.84-16.34 (1.50 m)- chlorite Gabbro/Diorite, medium grained, green, >10% chlorite altered gab to diorite +5% qtz eyes, trace-1% py	< 5	< 0.2	5	2	5	115
			#120772- Gold Standard / SF67	**719**	**1.3**	93	78	71	150
			#120773- 16.34-17.84 (1.50 m)- chlorite Gabbro/Diorite, same as #120771 with 17.00-17.05- 5 cm QV with 10% cpy and 5% sph	46	< 0.2	25	< 1	5	186
			At 21.28- 3 cm calcite Vein @060o						
			At 22.78- 2 cm calcite Vein @060o						
			At 25.85- 7 cm calcite Vein @060-075o						
			At 30.95- 1 cm white QV @045o						
			At 33.39-33.57 (0.18 m)- QV in Shear Gabbro/Diorite, >50% qtz flooding/veins +/- calcite in highly sheared gabbro + 2% py						

			#120774- 33.23-33.72 (0.49 m)- QV and Shear in Gabbro/Diorite, 18 cm of QV in sheared Gabbro/Diorite + 2% py in chlorite-calcite altered gabbro/diorite + 1% py	< 5	< 0.2	< 1	< 1	< 2	136
			At 34.80- 5 cm Silicified Clast/Fragment of Gabbro + 10% qtz and trace py						
			At 36.68-36.86 (0.18 m)- QV in Shear Gabbro, >40% qtz veins +/- calcite in shear gabbro + 1% py						
			#120775- 36.53-37.01 (0.48 m)- QV + Shear n Gabbro/Diorite, 18 cm of QV in sheared gabbro/diorite in chlorite-calcite altered gabbro/diorite and 1% py	< 5	< 0.2	1	< 1	< 2	160
			At 47.58-47.68- Pegmatitc Gabbro/Diorite, coarse grained (1 cm) unit of hornblende-actinolite-chlorite and plagioclase over 10 cm (not sampled)						
			#120776- 44.78-46.28 (1.50 m)- chlorite-calcite Gabbro/Diorite + Trace Py, fine to medium grained, grey-green, >10% chlorite +/- calcite altered gabbro/diorite + 5% blue/grey qtz eyes, several 1-2 cm qtz-chlorite veins @080o, trace-1% py	< 5	< 0.2	< 1	2	< 2	124
	16.28	46.95	QV-chlorite +/- calcite Vein in Shear Gabbro - 50% coarse qtz-chlorite and minor calcite in highly sheared/contorted gabbro plus trace-1% py						
			#120777- 46.28-46.95- QV-chlorite-calcite Vein	< 5	< 0.2	2	2	< 2	120
46.95	**59.28**	**12.33**	**Weakly-Moderately Sheared Gabbro/Diorite + >20% chlorite +/- calcite altered and 3-5% calcite +/- Quartz Veins**						
			Fine to medium grained, greenish-grey, weak-moderate shearing @045o TCA with 3-5% calcite or Quartz Veins (parallel). Several 5-10 cm shears of >80% chlorite @030o (fault plane). Trace-1% Pyrite						
			#120778- 46.95-48.50 (1.55 m)- Shear Gabbro/Diorite, medium grained, greenish, >20% chlorite-calcite shear gabbro @060o plus 4 cm chlorite-biotite shear @48.22, trace py	< 5	< 0.2	11	< 1	< 2	108
			#120779- 48.50-50.00 (1.50 m)- Shear Gabbro/Diorite, medium grained, green, > 20% chlorite-calcite shear gabbro @060o, plus 3 cm chlorite-biotite shear @48.86 cm; trace py	< 5	< 0.2	17	< 1	< 2	93
			#120780- 50.00-51.50 (1.50 m)- Shear Gabbgro/Diorite, medium graiend, green, 20-30% chlorite-calcite shear gab @060o, trace-1% py	< 5	< 0.2	13	3	3	140
			120781- 51.50-53.00 (1.50 m)- Shear Gabbro/Diorite, medium grained, green, 20% chlorite-calcite shear gab @060o, trace-1% py	< 5	< 0.2	21	< 1	< 2	124
			#120782- 53.00-54.50 (1.50 m)- Shear Gabbro/Diorite, medium grained, green, >20% chlorite-carb altered gab/dior with wk-mod shear @060o, 3% calcite-chlorite fracture, trace py	< 5	< 0.2	12	2	< 2	83
			#120783- 54.50-56.00 (1.50 m)- Shear Gabbro/Diorite, similar to #120782, trace-1% py	< 5	< 0.2	17	4	< 2	104
			#120784- 56.00-57.50 (1.50 m)- Shear Gabbro/Diorite, medium grained, green, >20% chlorite-carb altered gab/dior + trace-1% py, 56.08, 5 cm QV-chlorite vein @040o	10	< 0.2	3	2	< 2	114
			#120785- 57.50-59.28 (1.78 m)- Shear Gabbro/Diorite, medium grained, green, >20% chlorite-carb altered gab/dior, trace-1% py, contact is sharp, 5 cm chlorite-rich (80%) shear @030o	< 5	< 0.2	2	4	< 2	135
59.28	**101.52**	**42.24**	**Silica Felsic /daciteite**						

			Fine grained, medium grey,dacite and >5% grey qtz eyes and >30-50% silica and 2-5% sericite altered, tr-3% py +/- trace po, trace cpy, trace aspy							
			#120786- 59.28-60.50 (1.22 m)- silica dacite, fine to medium grained, grey, 30-50% silica and 2% sericite altered dacite with >5% black (to dark green) cloths; of chlorite (<3 mm) of chlorite +/- biotite, over 5% grey qtz eyes (relic), trace-1% fine py; esp along fracture, >2% calcite-chlorite along late fracture 050o	< 5	< 0.2	14	5	< 2	27
			#120787- 60.50-62.00 (1.50 m)- silica dacite, fine to medium grained, grey, 30-50% silica, 2% sericite, trace-1% fine py	< 5	< 0.2	11	4	< 2	26
			#120788- 62.00-63.50 (1.50 m)- silica dacite, fine to medium grained, grey, >50% silic, 2% sericite plus trace-1% fine py	< 5	< 0.2	13	4	< 2	21
			#120789- 63.50-65.00 (1.50 m)- silica dacite, same as #120788	< 5	< 0.2	3	4	3	10
			#120790- 65.00-66.50 (1.50 m)- silica dacite, fine to medium grained, grey, >50% silica, >3% sericite plus >1% py	< 5	< 0.2	2	4	< 2	11
			#120791- 66.50-68.00 (1.50 m)- silica dacite + Quartz Breccia, fine to medium grained, grey, >50% calcite-sericite +1% py, 67.18-67.53 (0.35 m) is qtz breccia over 80% qtz frags and >5% chlorite with >5% sulphides (Aspy>Py>Cpy) in 2-3 cm veins	< 5	< 0.2	3	31	3	34
			#120792- 68.00-69.50 (1.50 m)- silica dacite, fine to medium grained, >50% silica-sericite +1% py, over 5-10% late grey to white QV @070-080o (0.2-2 cm)	38	< 0.2	22	3	13	35
			At 67.04- 2 cm QV @080o						
			At 67.44- 2 cm QV @060o						
			At 67.89- 4 cm clast Qtz-chlorite						
			#120793- 69.50-71.00 (1.50 m)- silica dacite, fine to medium grained, grey to tan,dacite + >30-50% silica-sericite, 3-5% QV-chlorite @080o, 1-2% py; 1 cm QV @71.1, 3 cm QV @71.4 cm	**92**	< 0.2	4	3	< 2	14
			#120794- 71.00-72.50 (1.50 m)- silica dacite, fine to medium grained, grey to tan, >30% silica-sericite, 1-2% py, @72 m- 5 cm QV @45o and >2% lat QV or QV-chlorite @080o	7	< 0.2	10	5	< 2	15
			#120795- 72.50-74.00 (1.50 m)- silica dacite, fine to medium grained, grey to tan, 3% silica-sericite, trace-1% py, >3% QV or QV-chlorite	< 5	< 0.2	12	4	< 2	17
			#120796- 74.00-75.50 (1.50 m)- silica dacite, fine to medium grained, grey to tan, >30% silica-sericite, trace-1% py; 15 cm QV +/- chlorite @75.4 @070o	< 5	< 0.2	2	3	< 2	13
			#120797- 75.50-77.00 (1.50 m)- silica dacite, fine to medium grained, grey to tan, >30% silica-sericite, trace-1% py, 15 cm QV-ch and QV-plagioclase zone @75.6 m	< 5	< 0.2	3	4	< 2	14
			#120798- 77.00-78.50 (1.50 m)- silica dacite, fine to medium grained, tan to grey, >30% silica-sericitedacite, trace-1% py	< 5	< 0.2	< 1	4	< 2	14
			#120799- 78.50-80.00 (1.50 m)- silica dacite, fine to medium grained, tan to grey, >30% silica-sericitedacite, trace-1% py	< 5	< 0.2	1	5	< 2	15
			At 78.59- 10 cm rubble zone with 50% grey QV approximate fault						
			At 78.87- 20 cm fracture zone approximately weaker fault						
			#120800- 80.00-80.66 (0.66 m)- silica dacite, fine to medium grained, tan to grey, >30% silica-sericite altered dacite and 1-2% py, >5% chlorite-biotite clots or in fracture	5	< 0.2	15	4	4	24
	80.66	83.18	QV (50%) in silica dacite - fine grained, tan, silica (>50%)- 5% sericite altered dacite with 2-10 cm white QV, chlorite +>5% py-po +/- cpy-aspy, qtz fracture @080o-020o						

			#120801- 80.66-81.92 (1.26 m)- 66% QV in Silica dacite, fine grained, tan, >50% silica-sericite altered dacite plus 66% QV (2-5 cm) along core axis and chlorite-5% py-po-cpy-aspy	28	< 0.2	20	5	< 2	22
			#120802- 81.92-83.18 (1.26 m)- 33% QV in Silica dacite, fine grained, tan, >50% silica-sericite altered dacite plus 33% QV-chlorite-calcite (2-5 cm) along core axis, 1-2% py-po +/- cpy-aspy	57	< 0.2	22	3	< 2	16
			#120803- 83.18- Gold Standard/SF67	**736**	**1.2**	95	77	71	150
	83.18	87.56	Silica Felsic/dacite (parental unit)						
			#120804- 83.18-84.68 (1.50 m)- Silica dacite + 30% Silica-sericite, fine grained, tan,dacite +5-10% chlorite-biotite clots, 2% fracture of calcite or qtz and 5% qtz-chlorite fracture (1-3 cm), 2% py	**177**	< 0.2	75	8	5	95
			#120805- 84.68-86.18 (1.50 m)- Silica dacite + 30% Silica-sericite, fine grained, tan,dacite, 5-10% chlorite-ciot cots, 2% fracture, 2% fracture of calcite or qtz and 85.65-85.80 (0.15)- 30% QV-chlorite + 5% po+1% py-asp	9	< 0.2	45	3	2	69
			#120806- 86.18-87.56 (1.38 m)- silica dacite + 30% Silica-sericite, fine grained, tan,dacite, 5-10% chlorite-biotite, several 2-3 cm white QV, trace py	< 5	< 0.2	32	5	< 2	52
	87.56	89.58	QV (44%) in Silica Felsic/dacite - approximately 44% white QV +/- chlorite masses (up to 5 cm) over 5-20 cm @060o, remainder is fine grained, tan, 30-50% silica-sericite altered dacite + trace-1% py						
			#120807- 87.56-88.57 (1.01 m)- 55% QV in silica dacite, over 55% white QV +/- chlorite in fine grained, tan, 30-50% silica-sericite	**6030**	**1.9**	72	7	8	149
			#120808- 88.57-89.58 (1.01 m)- 33% QV in silica dacite, over 33% white QV +/- chlorite in fine grained, tan, 30-50% silica-sericite altered dacite and 2% Py-Po +/- Aspy-Cpy	**913**	0.2	74	9	4	22
			#120809- 89.58-BLANK/Silica Sand	< 5	< 0.2	< 1	< 1	< 2	24
	89.58	91.75	Silica Felsic/dacite (parental unit)						
			#120810- 89.58-90.67 (1.09 m)- silica dacite, fine grained, tan, 30% Silica-sericite plus 3-5% grey QV (@90o)-chlorite, 1% Py	6	< 0.2	38	4	< 2	17
			#120811- 90.67-91.75 (1.08 m)- silica dacite, same as #120810	< 5	< 0.2	2	4	< 2	15
	91.75	93.14	Hematized silica dacite						
			Fine to medium grained, reddish-brown, dacite with >30% silica-sericite altered, 5% grey and white QV +/- chlorite @070o, with >3-5% hematite overprint; esp on felsic host.						
			At 91.90-92.10- 20 cm wide white QV and 5% Py +/- Po-Cpy @060o; 5 cm fracture zone approximately possible fault zone						
			#120812- 91.75-93.14 (1.39 m)- Hemitized silica dacite- See above description	31	0.4	103	5	2	**307**
	93.14	101.52	Silica Felsic/dacite (parental unit)						
			#120813- 93.14-94.64 (1.50 m)- silica dacite, fine grained, tan,dacite and >50% silica-sericite altered and <3% QV and trace Py	6	< 0.2	14	3	< 2	28
			#120814- 94.64-96.14 (1.50 m)- silica dacite, fine grained, tan, 30-50% silica-sericite altered dacite, <5% chlorite-biotite, <3% QV, trace-1% Py	< 5	< 0.2	9	2	< 2	15
			#120815- 96.14-97.64 (1.50 m)- silica dacite, same as #120814, trace-1% py	< 5	< 0.2	11	1	< 2	23
			#120816- 97.64-99.14 (1.50 m)- silica dacite, same as #120814, trace-2% py	< 5	< 0.2	21	4	3	23

			#120817- 99.14-100.64 (1.50 m)- silica dacite, fine grained, tan, 30-50% silica-sericite altered dacite, 5% chlorite-biotite, <3% QV, 1% py	< 5	< 0.2	11	3	< 2	19
			#120818- 100.64-101.52 (0.88 m)- Hybrid silica dacite-chlorite Carbonate basalt- starts as fine grained, tan, >30% silica-sericite altered dacite then progresses into fine grained, dark green, >20% chlorite-calcite altered basalt and 1% py	< 5	< 0.2	19	22	6	125
101.52	**112.80**	**11.28**	**Chlorite-calcite altered basalt Tuff**						
			Fine grained, dark green, >10% chlorite +/- biotite, >5% calcite altered, basaltic Tuff. Weak-Moderate Foliation @060o. Trace-1% Py; locallized up to 2% over 10 cm. 2-3% late fracture @045-060o infilled with calcite, quartz or quartz calcite but <0.5 cm						
			#120819-101.52-103.02 (1.50 m)- chlorite-calcite altered basalt, fine grained, green, >15% chlorite-calcite altered basalt tuff and 1% py	< 5	< 0.2	27	< 1	< 2	119
			#120820- 103.02-104.52 (1.50 m)- chlorite-calcite altered basalt, same as #120819	< 5	< 0.2	87	2	< 2	82
112.80	**114.86**	**2.06**	**chlorite dacite**						
			Fine to medium grained, green, >10% chlorite altered dacite and 8-10% blue quartz eyes and >1% py +/- po						
			#120821- 112.80-113.83 (1.03 m)- chlorite dacite and > 1% py, fine grained, green, >10% chlorite, 10% blue qtz eyes, >1-2% py +/- po	< 5	< 0.2	13	< 1	< 2	151
			#120822- 113.83-114.86 (1.03 m)- chlorite dacite and 1% py, same as #120821, weak to moderate foliation @060o	< 5	< 0.2	13	2	< 2	125
114.86	**118.13**	**3.27**	**chlorite dacite with 5-10% silica dacite Frags (Pyroclastic/PC)**						
			Fine to medium grained, green, >10% chlorite altered dacite and >10% blue qtz eyes in tuff. Average 10-20% silica dacite clasts (0.5-2 cm). Weak to moderate foliation @060o						
			#120823- 114.86-116.36 (1.50 m)- Pyroclastic chlorite dacite, medium grained, green, chlorite dacite with 20% clasts of silica dacite and 1% pyrite	< 5	< 0.2	2	1	< 2	127
			#120824- 116.36-117.50 (0.63 m)- Pyroclastic chlorite dacite, 5-10% silica dacite clasts in chlorite dacite and trace py	< 5	< 0.2	2	< 1	< 2	165
			#120825- 117.50-118.13 (0.63 m)- Pyroclastic chlorite dacite, 20% silica dacite clasts in chlorite dacite and trace-1% py	< 5	< 0.2	4	< 1	2	194
118.13	**121.14**	**3.01**	**Dacite Flow**						
			Fine grained, green, 5% chlorite altered, dacite-and with 2-5% blue qtz eyes. 1-2% fine to coarse pyrite. Weak foliation @060o						
			#120826- 118.13-119.63 (1.50 m)-dacite, same as above	< 5	< 0.2	6	< 1	2	132
			#120827- 119.63-121.14 (1.51 m)-dacite, same as #120826	< 5	< 0.2	4	< 1	2	107
121.14	**129.85**	**8.71**	**Chlorite dacite + 2-5% Pyrite**						
			Fine grained, green, <10% chlorite altered dacite-and, 2-5% py as dissem cubes or stringers or fracture filled						

			#120828- 121.14-122.64 (1.50 m)- chlorite dacite + 3-5% Py-Po, fine grained, green, chlorite dacite-and plus 3-5% py +/- po	< 5	< 0.2	24	17	7	140
			#120829- 122.64-124.14 (1.50 m)- chlorite dacite + trace-1% Py-Po, fine grained, green, chlorite,dacite-and plus tr-1% py	5	0.4	65	22	15	121
			#120830- 124.14-125.64 (1.50 m)- chlorite dacite + 1-2% Py-Po, fine grained, green, chlorite,dacite-and plus 1-2% py-po	< 5	< 0.2	43	5	5	110
			#120831- 125.64-127.14 (1.50 m)- chlorite dacite + 1-2% Py-Po, fine grained, green, chlorite,dacite-and plus 1-2% py-po	< 5	< 0.2	2	< 1	3	122
			#120832- 127.14-128.64 (1.50 m)- chlorite dacite + 1-2% Py, fine grained, green, chlorite dacite-and + 1-2% py	< 5	< 0.2	2	< 1	< 2	123
			#120833- 128.64-129.85 (1.21 m)- chlorite dacite, fine grained, green, chlorite dacite-and + 2-3% py-po	< 5	< 0.2	14	50	4	102
			At 128.74-129.00 (26 cm)- >10% biotite + 10% chlorite-calcite, felsic dike (dacite)						
129.85	**135.86**	**6.01**	**Pyroclastic chlorite dacite + silica dacite Frags**						
			Fine to medium grained, green, >10% chlorite + 5% calcite altered dacite with 5-30% whitish clasts (0.5-3 cm) of silica dacite + trace-2% py +/- Po						
			#120834- 129.85-131.35 (1.50 m)- Pyroclastic chlorite dacite, 20-25% silica dacite frags in chlorite dacite matrix + 1-2% fine py	< 5	< 0.2	5	1	4	112
			#120835- 131.35-132.85 (1.50 m)- Pyroclastic chlorite dacite, <1% Py, 10-20% white silica dacite within chlorite dacite and tr py	< 5	< 0.2	< 1	2	< 2	109
			#120836- 132.85-134.35 (1.50 m)- Pyroclastic chlorite dacite, <1% Py, 5% white silica dacite with chlorite dacite and trace-1% py	< 5	< 0.2	< 1	2	< 2	114
			#120837- 134.35-135.86 (1.51 m)- Pyroclastic chlorite dacite, 2-3% Py-Po, 3-5% white silica dacite with chlorite dacite and 2-3% py +/- po	< 5	0.2	28	4	4	88
135.86	**137.05**	**1.19**	**Chlorite basalt**						
			Fine grained, dark green, >10% chlorite bearing massive basalt, little to no calcite and limited (<3%) of silica dacite frags (<1 cm)						
			#120838- 135.86-137.05 (1.19 m)- chlorite basalt	< 5	< 0.2	< 1	1	< 2	132
			#120839- 137.05- BLANK/Silica Sand	< 5	< 0.2	< 1	< 1	< 2	20
137.05	**144.27**	**7.22**	**Pyroclastic dacite + silica dacite Clasts**						
			Fine to medium grained, green, >10% chlorite altered dacite + 5-10% blue qtz eyes. 5-10% white clasts of silica dacite. Trace-1% fine disseminated pyrite plus tr-2% py-po as blebs or in fracture @060o						
			#120840- 137.05-135.50 (1.45 m)- Pyroclastic Dacite, 10-15% silica dacite frags in chlorite dacite and 1-2% fine py +/-po	< 5	< 0.2	< 1	2	< 2	130
			#120841- 138.50-140.00 (1.50 m)- Pyroclastic Dacite, 5% silica dacite frags in chlorite dacite and tr-1% fine py	< 5	< 0.2	< 1	2	< 2	126
			#120842- 140.00-141.50 (1.50 m)- Pyroclastic Dacite, 5-10% silica dacite frags in chlorite dacite and tr-2% py	< 5	< 0.2	41	1	< 2	133

			#120843- 141.50-143.00 (1.50 m)- Pyroclastic Dacite, 5-10% silica dacite frags in chlorite dacite and tr-2% py	< 5	< 0.2	61	< 1	< 2	171
			#120844- 143.00- GOLD STandARD	**815**	**1.4**	99	84	74	159
			#120845- 143.00-144.27 (1.27 m)- Pyroclastic Dacite, 5-10% silica dacite frags in chlorite dacite	< 5	0.2	< 1	1	< 2	143
144.27	**146.13**	**1.86**	**Chlorite basalt**						
			Fine grained, green, >10% chlorite altered basalt flow, trace py						
			#120846- 144.27-145.77 (1.50 m)- chlorite basalt, see above description	< 5	< 0.2	8	1	< 2	136
			#120847- 145.77-146.13 (0.36 m)- chlorite basalt, see #120846	< 5	< 0.2	11	2	2	118
146.13	**149.38**	**3.25**	**Chlorite dacite Tuff**						
			Medium grained, green, >10% chlorite +/- biotite altered matrix of dacite plus >10% grey qtz eyes. Almost lapilli tuff. Trace py.						
			#120848- 146.13-147.63 (1.50 m)- chlorite dacite Tuff, medium grained, green, chlorite dacite, 10% grey qtz eyes and tr py	< 5	< 0.2	4	54	5	122
149.38	**154.38**	**5.00**	**Chlorite basalt**						
			Similar to 144.27-147.13. Fine grained, green, >10% chlorite altered basalt flow, rare py (<0.25%)						
			#120849- 152.88-154.38 (1.50 m)- chlorite basalt, same as above	< 5	< 0.2	< 1	< 1	< 2	99
154.38	**159.43**	**5.05**	**Pyroclastic chlorite basalt Tuff with 5-20% Frags**						
			Fine grained, green, >10% chlorite +/- biotite altered matrix and 5-10% chlorite-biotite clasts. 5-20% frags of white silica dacite and chlorite basalt (both). Trace-1% py; locallized up to 2%						
			#120850- 154.38-155.88 (1.50 m)- Pyroclastic chlorite basalt, >10% white silica dacite frags, <5% chlorite basalt frags in chlorite basalt tuff, tr-2% py	< 5	< 0.2	< 1	< 1	< 2	108
			#120851- 155.88-157.38 (1.50 m)- Pyroclastic chlorite basalt, >5% white silica dacite frags, >5% chlorite basalt frags in chlorite basalt tuff, tr py	< 5	< 0.2	10	< 1	< 2	120
			#120852-157.38-155.88 (1.50 m)- Pyroclastic chlorite basalt, <5% white silica dacite frags, >10% chlorite basalt frags in chlorite basalt tuff; tr-1% py	< 5	< 0.2	30	37	< 2	175
			#120853- 158.88-159.43 (0.55 m)- Pyroclastic chlorite basalt, same as #120852; 1% py	< 5	< 0.2	< 1	< 1	< 2	**241**
159.43	**167.98**	**8.55**	**Chlorite Dacite Tuff with 5-10% Clasts/Pyroclastic**						
			Fine to medium grained, dark green, >10% chlorite-biotite altered matrix with >10% clasts, 0.5-2 cm, of chlorite basalt or silica dacite (<2%); weak-mod fol @ 060o. Trace-1% fine py and rare py stringers						
			162.57-162.62; 5 cm with 2 veinlets of coarse py; approximately 10% py						
			#120854-159.43-160.93 (1.50 m)- Pyroclastic chlorite dacite, 15-20% clasts of chlorite basalt and silica dacite in chlorite dacite tuff and >1% py +/- po	< 5	< 0.2	1	2	< 2	**240**

			#120855-160.93-162.43 (1.50 m)-Pyroclastic chlorite dacite, 5-10% clasts of chlorite basalt and silica dacite in chlorite dacite tuff and tr-1% py +/- po	< 5	< 0.2	3	< 1	< 2	**281**
			#120856- 162.43-163.93 (1.50 m)- Pyroclastic chlorite dacite, 10-15% clasts of chlorite basalt and silica dacite in chlorite dacite tuff and 1-2% py +/- po, 5 cm stringer zone of 10% py @162.57	< 5	0.2	50	< 1	< 2	**231**
			#120857- 163.93-165.43 (1.50 m)- Pyroclastic chlorite dacite, 10-15% clasts of white silica dacite and chlorite basaltin dacite tuff and >1% py	10	0.4	147	1	< 2	**270**
			#120858- 165.43-166.93 (1.50 m)- Pyroclastic chlorite dacite, 20-25% clasts of white silica dacite and chlorite basaltin dacite tuff and 1-2% py and po	< 5	0.2	< 1	< 1	< 2	**204**
			#120859- 166.93-167.98 (1.05 m)- Pyroclastic chlorite dacite, 20-25% clasts of white silica dacite and chlorite basaltin dacite tuff and 1-2% py-po	< 5	< 0.2	2	1	< 2	160
167.98	**175.12**	**7.14**	**Chlorite basalt**						
			Fine grained, green, >10% chlorite altered matrix plus and 5% clasts of chlorite-biotite; no qtz eyes. <3% late fracture @ 060o with calcite. 170.53, 1 cm white QV @060o						
			#120860- 167.98-169.48 (1.50 m)- See Above	< 5	0.2	< 1	< 1	< 2	104
			#120861- 173.62-175.12 (1.50 m)- chlorite basalt, fine grained, green, chlorite basalt with tr-1% py and 1 cm QV @ 174.45	< 5	< 0.2	17	2	4	80
175.12	**177.73**	**2.61**	**Crystal Tuff and 1-2% Py**						
			Medium grained, dark grey/spotted, crystal tuff with >20% plagioclase crystals in black matrix (hornblende-biotite-chlorite) with 1-2% coarse py. <3% qtz eyes (grey)						
			#120862- 175.12-176.43 (1.31 m)- Crystal Tuff and >1% Py, medium grained, spotted, crystal tuff + >20% plagioclase in hornblende-biotite +/- chlorite matrix and 1% py	< 5	< 0.2	48	84	5	91
			#120863- 176.43-177.73 (1.30 m)- Crystal Tuff and 1% Py, same as #120862	< 5	< 0.2	39	80	8	80
177.73	**178.95**	**1.22**	**chlorite dacite and 1% Py**						
			Fine grained, green, >10% chlorite altered dacite-and, 5-8% fine blue qtz eyes and 1% py						
			#120864- 177.73-178.95 (1.19 m)- See Above	< 5	< 0.2	5	< 1	2	99
178.95	**182.42**	**3.47**	**Pyroclastic Dacite Tuff + >20% Clasts**						
			>20-25% clasts of silica dacite +/- chlorite basalt in chlorite, 5-10% brg dacite tuff. Trace-2% py +/- Trace Po						
			Trace-2% py +/- Trace Po						
			#120865- 178.95-180.45 (1.50 m)- Pyroclastic Dacite Tuff, 15-20% clasts of silica dacite +/- chlorite basalt in chlorite dacite, tr-1% py	< 5	< 0.2	3	< 1	< 2	126
			#120866- 180.45-181.50 (1.05 m)- Pyroclastic Dacite Tuff, >20% clasts of silica dacite + 10% clasts of chlorite basalt in chlorite dacite, >1% py	< 5	< 0.2	12	3	< 2	106
			#120867- 181.50-182.42 (0.92 m)- Pyroclastic Dacite Tuff, 5-10% clasts of silica dacite, >10% chlorite dacite and tr py	< 5	< 0.2	17	< 1	< 2	131

182.42	**195.17**	**12.75**	**Chlorite basalt**						
			Fine grained, green, 10% chlorite +/- biotite in matrix and 5-10% clots of chlorite-basalt, <3% calcite altered as pervasive (<5 cm) or late stage fracture filling at 060o, tr py						
			#120868- 182.42-183.92 (1.50 m)- chlorite basalt, see above, fine grained, green, >10% chlorite-biotite altered, 10% clots chlorite-biotite, wk calcite in late fracture, tr py	< 5	< 0.2	2	1	< 2	156
	185.38	186.16	Pyroclastic chlorite basalt Tuff - up to 5% frags of chlorite basalt and <2% silica dacite frags in chlorite basalt tuff, rare py (<0.25%).						
			At 189.64- 1 cm QV @070o						
			At 190.03- 4 cm QCV @070o						
			At 190.18- 1 cm QCV @070o						
			At 190.62- 1 cm QCV @080o						
			At 192.57- 1 cm QCV @070o						
			At 193.53- 1 cm QCV @ 080o						
			At 194.95-195.30- 1-3% Py zone in chlorite basalt but no QV or QCV						
195.70			**END OF HOLE**						

Appendix B :
Certified Assay Sheets

Quality Analysis ... *Innovative Technologies*

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

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

ATTN: Raymond Bernatchez

CERTIFICATE OF ANALYSIS

69 Rock samples were submitted for analysis.

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

REPORT **A14-06651**

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

SCC Accredited LAB
LAB Accrédité CCN

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Results

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

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

Results

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

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

QC

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

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

QC

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

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

Quality Analysis ... *Innovative Technologies*

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

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

ATTN: Raymond Bernatchez

CERTIFICATE OF ANALYSIS

88 Rock samples were submitted for analysis.

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

REPORT **A14-06998**

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

SCC Accredited LAB
LAB Accrédité CCN

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Results

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

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

Results

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

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

QC

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

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

QC

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

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

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

Quality Analysis ... *Innovative Technologies*

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

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

ATTN: Raymond Bernatchez

CERTIFICATE OF ANALYSIS

54 Rock samples were submitted for analysis.

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

REPORT **A14-07144**

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

SCC Accredited LAB
LAB Accrédité CCN

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Results

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

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

Results

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

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

QC

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

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

QC

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

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

Quality Analysis ... *Innovative Technologies*

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

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

ATTN: Raymond Bernatchez

CERTIFICATE OF ANALYSIS

41 Rock samples were submitted for analysis.

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

REPORT **A14-07300**

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

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

Results

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

QC

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

QC

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

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

Quality Analysis ... *Innovative Technologies*

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

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

ATTN: Raymond Bernatchez

CERTIFICATE OF ANALYSIS

50 Rock samples were submitted for analysis.

The following analytical package was requested:

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

REPORT **A14-07301**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

SCC Accredited LAB
LAB Accrédité CCN

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Results

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

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

Results

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

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

QC

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

QC

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

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

Quality Analysis ... *Innovative Technologies*

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

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

ATTN: Raymond Bernatchez

CERTIFICATE OF ANALYSIS

48 Rock samples were submitted for analysis.

The following analytical package was requested:

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

REPORT **A14-07536**

Notes:

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

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

SCC Accredited LAB
LAB Accrédité CCN

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Results

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

Results

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

QC

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

QC

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

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

Appendix C :
Geology Map at 1:10,000

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

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

N W E S

L54+00E ZONE

THOMPSON ZONE

HWY 11

Powerline

TURTLE RIVER ROAD

OLIVE ROAD

BARBER ROAD

STELLAR ROAD

Road 208

Amphibolite Metamorphic Gradient

Greenschist

4266227 4266166 4266163 4266161 4266162 4266164 4266165 4266167 4266168

1152535 1152537

4270747 4270748 4270749

HP186

MAP LEGEND

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

Interpreted Geology
- Assumed
- Defined
- Anticline/Syncline

GEOLOGY LEGEND

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

Assay Results (ppm)

Elevated Values in Black Font
Anomalous Values in Red Font

NuVision Resources
CAT KEY PROJECT
2014 Summer Field Mapping and Sampling

200 0 200 400 600

Meters

NAD 83, Zone 15

Graphics by: Orix Geoscience Inc.
February 16, 2015