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**Stripping and Sampling Report  
on the Alice “A” – West Zone**

Turtle Tank Option  
Mine Centre, Ontario

For

**NuVision Resources ULC**

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Date: October 28, 2016

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## SUMMARY

The Turtle Tank Gold property consists of four separate gold-bearing zones and one base-metal zone (to the south). These zones are located on 9 optioned claims (864 Ha or 8.64 km<sup>2</sup>) by NuVision Resources ULC and are located 75km east of Fort Frances, along Highway 11/71.

Historically, there are four gold-bearing zones on the property. They are:

- a) The “B” Zone yielded 5.06 gpt Au over 3.5m chip sample within the altered zones.
- b) The “A” Zone blast trench yielded a grab sample of 531 gpt Au along 20cm in 2-3cm quartz vein.
- c) Gold Bug consists of 0.3m quartz stringers with galena-chalcopyrite-pyrite-gold in foliated felsic rocks.
- d) Alice A consists of 0.3m folded quartz veins (with ankerite-sulphides) yielded 17 gpt Au from a historical 10 ton bulk sample by Ontario Department of Mines. Recent assays (2012) yielded 12 gpt Au from grab sample.

This author believes the Alice A & Gold Bug are the same ~ 0.3m wide quartz vein with 3-5% sulphides (pyrite-galena-chalcopyrite) within an east-west horizon; possibly part of a larger geological structure.

- e) To the south, Pidgeon Pb-Zn-Cu-Ag consists of 2 sulphides lenses with 0.53% Zn, 1.76% Pb over 3m.

Pathfinder Gold Inc. completed a limited 3 year program (Sept 2010 – Jan 2013) on the property; this fieldwork was done under this author (A. Raoul). The fieldwork was located in Trenching and Sampling Report on the Alice A Zone by Pathfinder Gold Inc (Jan.12/13).

The results were:

### Fall 2010 Stripping

- line-cut a baseline from “B” Zone to “A” Zone for mapping and sampling. Channel sampling of “B” Zone over 32.30 m with best assay of 0.63 gpt Au over 2.15 m. This author, while with the Ontario Geological Survey, extracted several chip samples (0.5–1.0 m) with values of 1-20 gpt Au in the early 1990’s, near this new channelling, suggesting a “nugget effect” is in play.
- Channel sampling of “A” Zone over 16.65 m with best assay of 0.40 gpt Au over 1.00 m. This included sampling the high-grade 2cm wide quartz vein, running sub-parallel to the new channel.
- Two holes on the “B” Zone (81.22 m) ran 2.65 gpt Au over 1.00 m and 1.51 gpt Au over 0.80 m.
- One hole on the “A” Zone (31.15 m) ran 0.22 gpt Au over 0.53 m.

### Fall 2011 Mapping

- sampling of the Alice A area located seven anomalies of 1.14 - 19.96 gpt Au in a new >150m wide geological structure. Sampling of the Pidgeon area, to the south, located four anomalies of 1.26-11.47% Zn-Cu-Pb +/- Au-Ag.

### Fall 2012 Trenching

- recently completed 2 large trenches (>500m) with stripping and channel sampling, near the Alice A, over this large, previous unrecognized, geological structure (>150m), that was located by Pathfinder Gold staff in 2011.

- Trench 2 (East) consisted of > 280m stripping on the Alice A with 115m of channel sampling. It located the following targets::
  - a) Alice A Horizon – a >30m wide, east-west structure on the Alice A shaft with white quartz veins in basalt with 2011 assay of 12.24 gpt Au (grab).
  - b) South Shear Zone - 160m wide, east-west structure of the South Shear Zone with red quartz veins +/- 3% py-sph-cpy-gal in altered porphyry (sericite-ankerite) with visible gold noted by the author (A Raoul). Best assay was 0.16 gpt Au + Pb-Zn over 1.52m. Resampling for pulp metallics did not change the overall assay values.
  - c) Manion “Granite” – a >100m wide, granite with smaller quartz-rich zones in shear zones (3-18m) with 2011 assay of 5.12 gpt (grab). Based upon 2016 mapping, this author believes this “granite” is a continuation of the felsic volcanic (porphyry and pyroclastic) unit that updates this unit to 260m width of exposure.

Trench 1 (West) consisted of >220m stripping, 650m west of the Alice A, with 69m of channel sampling. It located the following targets:

- a) Alice A Horizon - a >110m wide, east-west structure, of sheared basalt with white quartz veins and ankerite altered basalt with 1-5% red quartz veins.
- b) South Shear Zone – a 55m wide shear zone with two different lithologies, in this larger structure, which has been mapped >3 km or traced >7 km by geophysics.

North end – 30m of intensely sheared, chloritic basalt with 10-30% ankerite alteration and 1-5% quartz veins.

South end - 25m wide of altered porphyry with >5% red quartz veins and subsection of silicified rhyolite breccia with 2m red quartz vein with visible gold. This red quartz vein ran 19.96 gpt Au over 2m and 4.77 gpt Au over 1m chip samples in 2011. Channel sampling of the red quartz vein and the surrounding rock for Fire Assay and re-sampling for Pulp Metallics in 2012 yielded:

**Table 1: High Grade Gold Assays from the West Trench, Pathfinder Gold (2012)**

"Normal" Fire Assays			Re-sample for Pulp Metallic Assays		
Sample	Grade	Width	Sample	Grade	Width
	gpt Au	m		gpt Au	m
1482110-11	11.75	2.31	1482110-11	11.83	2.31
1482110-12	7.15	3.83	1482110-12	7.15	3.83
1482109-12	5.00	5.51	1482109-12	5.02	5.51

The original or “normal” fire assays by Accurassay Labs of Thunder Bay show economically gold grades over highly significant widths. Resampling of these channels, by this author, yielded very similar results using the Pulp Metallic Assay Method from Accurassay Labs. This suggests that the gold appears to be continuous and not suffering the “nugget effect” allowing to have strong assay correlation using normal fire assay methods.

c) Manion “Granite” - a >70m wide, granite with smaller quartz-rich zones in shear zone (2-3m). This is a continuation of the granite unit from trench two. Based upon 2016 mapping, this author believes this “granite” is a continuation of the felsic volcanic (porphyry and pyroclastic) unit that updates this unit to 95m of exposure.

Pathfinder Gold and Thunder Bay Engineering completed a 5 holes (226m) program on the West Trench of the Alice A Zone (near the Gold Bug) in the summer of 2013. The following work and results were located in 2013 Diamond Drilling Program Turtle Tank Project (Dec.6/13): Hole TT13-005 intersected **1.99 gpt Au over 12.70m** (from surface); including 7.21 gpt Au & 2.3 gpt Ag over 3.00m. This high anomalous assay warrants further work.

**Table 2: Gold Assays from 2013 drilling on West Trench, Pathfinder Gold & TBay Engineering (2013)**

Hole	East	Northing	Azm / Dip	Depth	From m	To m	Length m	Au gpt	Ag gpt
TT13-001	537777	5401288	180o /-45o	40	9.45	9.85	0.40	0.21	<1
<b>TT13-002</b>	<b>537777</b>	<b>5401288</b>	<b>180o /-75o</b>	<b>69</b>	<b>11.30</b>	<b>11.80</b>	<b>0.50</b>	<b>0.97</b>	<b>&lt;1</b>
<b>TT13-002</b>	<b>537777</b>	<b>5401288</b>	<b>180o /-75o</b>	<b>69</b>	<b>62.45</b>	<b>64.00</b>	<b>1.55</b>	<b>1.22</b>	<b>1.70</b>
TT13-003	537802	5401278	180o /-45o	41	34.25	37.25	3.00	0.07	n/a
TT13-004	537751	5401302	180o /-45o	56	n/a	n/a	n/a	n/a	n/a
<b>TT13-005</b>	<b>537774</b>	<b>5401278</b>	<b>200o /-45o</b>	<b>21</b>	<b>0.00</b>	<b>12.70</b>	<b>12.70</b>	<b>1.99</b>	<b>0.60</b>

### 2016 Exploration Program for NuVision Resources ULC

In July of 2016, NuVision Resources ULC optioned “Turtle Tank Property” from Ray Cousineau (and family) of Fort Frances, Ontario. The property consists of 9 optioned claims, over 8.64 km<sup>2</sup>, with historical (2012) values of 5.00 gpt Au over 5.51m.

In August of 2016, this author laid out three trenches to strip, under project manager Max Reiter’s supervision, to confirm and expand these assays values. A total of 99 samples were taken during this eight day stripping 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 2016 fieldwork by NuVision Resources ULC was:

#### Main Trench (original West Trench of Pathfinder)

- area 45m east-west by 30m north-south. This paralleled and extended the sampling of Pathfinder Gold.
- A series of north-south channels (A, B, C1, C2, & D) was completed on the Main Trench during the initial investigation by this author. Other channels (1500089-99) were completed later and are discussed under Other Sampling at the end of this section. Many of these have been plotted on figure 4.
- The following significant gold assays were located on the Main Trench:  
**9.37 gpt Au over 3.96m** in red quartz vein + altered felsic volcanic

**1.75pt Au over 1.93m** in red quartz veins

**1.23 gpt Au over 4.07m** in white quartz vein + altered felsic volcanic

Gold mineralization has been located in the red quartz veins and the finer white quartz veins, which may be of different ages.

West-Wing Trench (160m west of Main trench)

- area 10m east-west by 33m north-south.
- A set of north-south channels (WW) was completed on the West Wing Trench.
- The following significant gold assays were located on the Main Trench:  
**1.82 gpt Au over 1.07m** in silicified (or fine white quartz veins) felsic volcanic  
This has extended the gold mineralization over a 160m strike length.

East-Wing Trench (110m east of Main trench)

- an area 10m east-west by 65m north-south (and split by access trail).
- A set of north-south channels did not locate significant gold values but weakly elevated Ag, Cu, Zn values have been located in these alteration zones.

## CLAIMS AND LOCATION

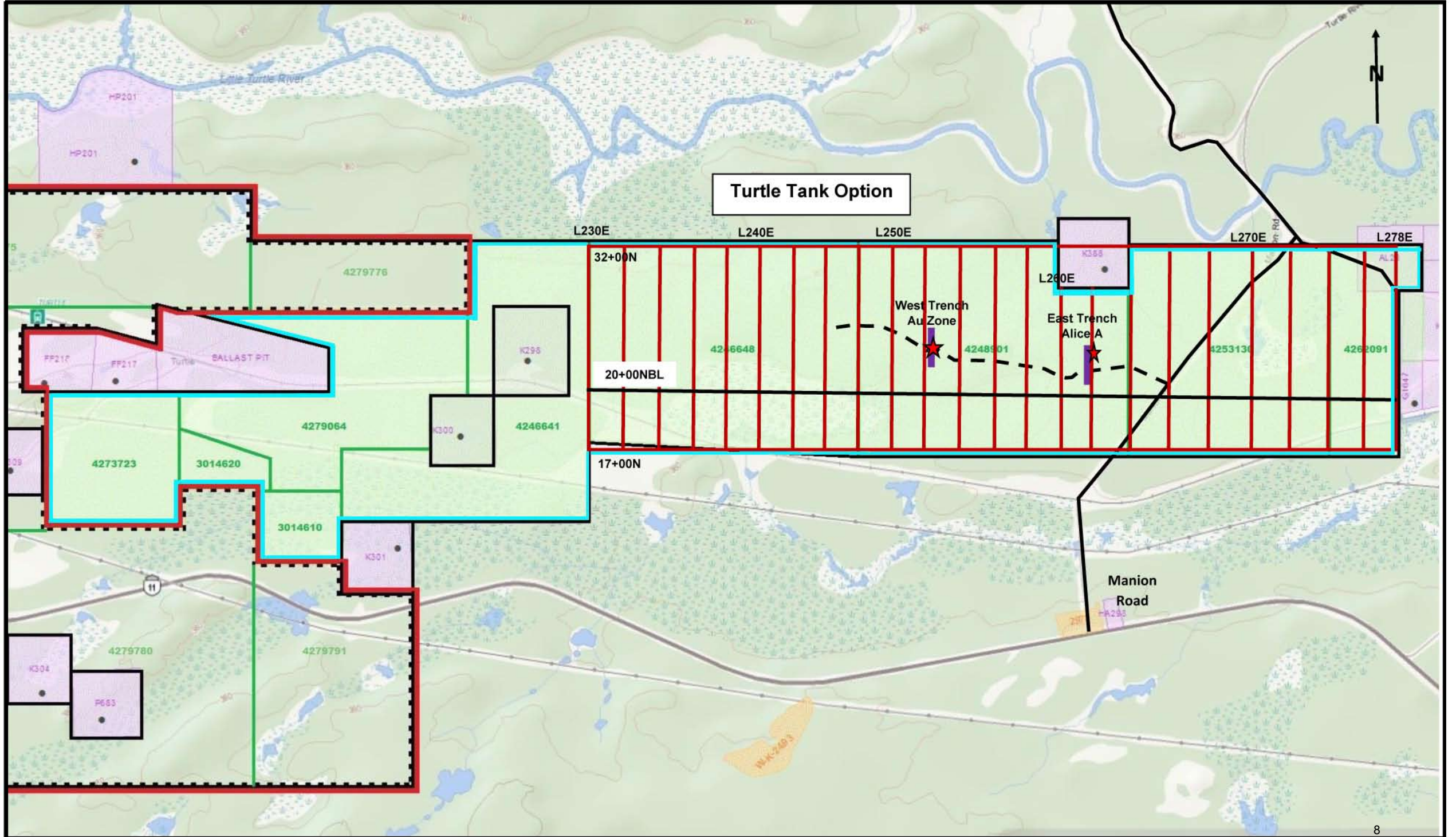
The property has been optioned from Ray Cousineau (and family) of Fort Frances, Ontario. The property consists of 9 optioned claims consisting of 864 Ha (or 8.64 km<sup>2</sup>). The claims are located on the Bad Vermilion Lake, Little Turtle Lake and Bennett Lake Claim Maps. The property is located approximately 75 km east of Fort Frances on Highway 11/71. Highway 11 bisects the property (east-west), starting 2km east of Mine Centre, Ontario. The Manion Lake Road is approximately 10 km east of Mine Centre and provides access to the Alice A Zone along with an adjacent historical road, now used as a groomed ski-doo / access trail.

**Table 3: Claims of Turtle Tank Option (Claims Map IV, MNDM, Oct 04/16)**

Ray Cousineau - Turtle Tank Claims								
Township / Area	Claim Number	Recording Date	Claim Due Date	Percent Option	Work Required	Total Applied	Total Reserve	Claim Bank
BENNETT	<u>4262091</u>	2011-Aug-09	2019-Aug-09	100%	\$1,600	\$9,600	\$0	\$0
BENNETT LAKE AREA	<u>4246648</u>	2011-Apr-04	2017-Apr-04	100%	\$4,800	\$19,200	\$0	\$0
BENNETT LAKE AREA	<u>4246901</u>	2011-Apr-04	2018-Apr-04	100%	\$4,800	\$24,000	\$636	\$0
BENNETT LAKE AREA	<u>4253130</u>	2011-Apr-04	2020-Apr-04	100%	\$2,400	\$26,400	\$0	\$0
LITTLE TURTLE LAKE AREA	<u>3014610</u>	2003-May-02	2017-May-02	100%	\$800	\$9,600	\$0	\$0
LITTLE TURTLE LAKE AREA	<u>3014620</u>	2005-Dec-19	2019-Dec-19	100%	\$400	\$4,800	\$0	\$0
LITTLE TURTLE LAKE AREA	<u>4246641</u>	2011-Apr-04	2017-Apr-04	100%	\$3,200	\$12,800	\$0	\$0
LITTLE TURTLE LAKE AREA	<u>4273723</u>	2016-Feb-04	2018-Feb-04	100%	\$1,600	\$0	\$0	\$0
LITTLE TURTLE LAKE AREA	<u>4279064</u>	2015-Apr-02	2017-Apr-02	100%	\$2,000	\$0	\$0	\$0
<b>Totals</b>					<b>\$21,600</b>	<b>\$106,400</b>	<b>\$636</b>	<b>\$0</b>



Figure 1: Claim Map of Turtle Tank Option



## HISTORICAL WORK

The following work has been carried out on the Turtle tank property

**Table 4: Assessment Work on the Turtle Tank Property**

(Kenora Assessment Files in Kenora Resident Geologist's Office, MNM and Google Earth (MNDM)).

File No	Work	Results
KAF 52C16SW O-1 & MDC 29 American Can Gold Mining Co 1894-1900	Sunk shafts and processed ore	Alice A – Shaft 1 was sunk to 29m, and Shaft 2 was sunk to 21m. A 150-200 tons were processed using the on-site mill. A 10-ton sample in 1899 yielded 17 gpt Au.
L. Hedburg 1917	Trenching and drilling	Turtle Tank - no data located in Kenora MNM, MDC 29
Kerr Addison Mines, 1969	6 ddh holes (204.8m)	Pidgeon drill results: Hole 1 – 0.53% Zn & 1.76% Pb over 3m Hole 1 - 1.08% Zn over 1.5m, Hole 2 – 5.61% Zn & 0.32 opt Ag over 0.15m Hole 2 - 2.10% Zn, 0.18% Pb & 0.16 opt Ag over 0.6m Hole 4 – 0.50% Zn & 0.12 opt Ag over 0.6m Hole 6 – 0.87% Zn & 0.36 opt Ag over 2.4m Hole 6 - 1.00% Zn over 3.15m.
52C15SE C-1 Blondeau /Northgate Exploration Ltd 1970	Geology, Geophysics, Geochemistry, Trench and 4 drill holes	Turtle Tank - Report and map (1":400') with outcrops around the B-Zone. Trench 12 has chalcopyrite-pyrite in quartz veins plus assays > 1 opt Au. A 55m wide area was stripped revealing rhyolite dikes with quartz - carbonate stringers with chalcopyrite (traced over 900m) and trace-minor sphalerite-galena. Drilled 4 holes on western boundary of mafic volcanic with rhyolite for pyrite-chalcopyrite mineralization producing no significant assays. MDC29
R. Pitkanen 1974	Stripping and trenching Alice A	no data located in Kenora MNM
52C15SE M-1 & M-2 Hanna Mines 1975-76	Mapping, geophysical surveys, 3 drill holes	Alice A - 2 holes drilled in NE corner for base metals tested located felsic units (rhyolite) but no significant assays located. Pidgeon - 1 hole intersected... 0.83% Zn over 0.75m, 0.70% Zn over 1.1m, 0.44% Zn over 3.6m, and 0.15% Zn over 15m.
52C15SE Q-1 Ed-Vic Expl. 1976	Prospecting, stripping and 5 drill holes	Turtle Tank - B-Zone sampling and semi-continuous stripping over 200m x 150m @ 030° with dozer. Drill hole results (on K412754): B – 1 – elevated Ag, Cu, Zn B – 2 – elevated Zn B – 3 and B-4 - nil B – 5 – 0.6 gpt Au, 34.8 gpt Ag and 3.62% Cu.
OGS 1980 Airborne	Airborne Mag-EM by Questor Surveys	Detailed survey of area for Atikokan-Mine Centre Area. MDC 29
52C16SW8254 J. Redden 1983	Mag & Map	Completed 6 line profiles for Mags (308E – 328E) & Mapped at 1":200'. Sampling located 6 gold values (0.62 – 25.19 gpt Au) of 30.
52C16SW8255 J. Redden 1985	Mag Survey	Ground mag survey (1":200') on Alice A. No significant anomalies.

52C16SW8243 J. Redden 1987	Mag & VLF-EM Survey	Mag and VLF-EM survey (1":200') located on property with 7 east-west EM anomalies.
52C16SW8243 J. Redden 1988	Geochemistry	3 samples of Alice A dump material was tested for gold content vs other metals and trace elements. It showed a strong association of Au with Cu-Pb-Zn.
G. Armstrong 1989	3 ddh holes (340.16m)	Pidgeon – 1 hole intersected 1.18% Zn, 0.13% Pb and 0.07% Cu over 2.26m.
52C15SE HH-1 L. Cousineau 1988	2 test pits	Turtle Tank - Pits 1 and 2 blasted in the A Zone but no assays
52C16SW8245 Fire River 1988 (optioned from J. Redden)	Mapping & Ground Mag	Geological mapping & ground Mag (1":200') from Manion Road to the west – located 1.6km carbonate structure and qtz veins with sulphides Emma Abbott – 0.08% Zn Alice A – 6.53 gpt Au, 0.58% Pb, 0.53% Zn Gold Bug – 0.23% Pb, 1.27% Zn
52C16SW8246 Fire River 1989	Humus	Selective humus sampling (1":200') located 6 small Au or Zn anomalies; along the Alice A horizon and to the south.
52C15SE LL-1 Goldfields Can. Mining Ltd 1989	Airborne Mag-VLFEM Stripping & channel sampling	A geological / geophysical interpretation map (1:10000) was produced showing the following: Turtle Tank A Zone – Large, east-west trending gabbro dikes intersecting foliated felsic volcanics at 075° but no EM response. Turtle Tank B Zone – altered and foliated, northwest trending, felsic volcanic with quartz stringers and chalcopyrite mineralization with visible gold. Pidgeon – Zn-Cu-Pb mineralization with magnetic conglomerate unit (mill rock?); near felsic contact but no EM signature.
52C15SE NN-1 INCO 1990-93	Airborne Mag-EM (370km), IP (15 km), limited sampling, 2 ddh holes (727m).	Zone A – 20m shear @ 080° with chlorite-iron carbonate-silica alteration +/- 10% pyrite. Gold is associated with silicification with best assays of: Chip 5.87 gpt Au over 1.5m in Fe-carb alt Mafic Volcanic Grab 8.27 gpt Au in Fe-carb alt. Mafic Volcanic Chip 4.45 gpt Au over 2.0m in Fe-carb alt Mafic Volcanic Grab 5.08 gpt Au in Fe-carb alt. Mafic Volcanic Grab 1.47 gpt Au in Fe-carb alt. Mafic Volcanic Grab 14.40 gpt Au in Fe-carb alt. Mafic Volcanic (to east) Grab 8.27 gpt Au in Fe-carb alt. Mafic Volcanic Grab 63.9 gpt Au in Fe-carb alt. Mafic Volcanic Chip 1.74 gpt Au over 2.5m in folded mafic volcanic Grab 1.17 gpt Au in mafic dike Grab 8.45 gpt Au in Fe-carb alt. Mafic Volcanic. Grab 1.90 gpt Au in Fe-carb alt. Mafic Volcanic. Zone B - <15m folded & deformed, mafic unit with intense iron carbonate and veins/pods of quartz +/- 5% Cpy. Gold is associated with quartz with best assays of: Grab 2.91 gpt Au (located 10m northwest of stripping) Grab 2.43 gpt Au in quartz of Fe-carb alt. Mafic volcanic Chip 13.2 gpt Au over 2.5m pit in Fe-carb alt. Mafic Volc. Grab 24.07 gpt Au in Fe-carb alt. Mafic volcanic Grab 1.25 gpt Au in Fe-carb alt. Mafic volcanic Chip 11.6 gpt Au over 2.0m in Fe-carb alt. Mafic volcanic Grab 4.71 gpt Au in quartz of Fe-carb alt. Mafic volcanic Stripped 5 units near B-Zone and completed 6 trenches. Trench 1 – 75m x 20m @ 000° (K1050642)

		Trench 2 – 70m x 20m @ 075‰ (K1050578) Trench 3 – 20m x 10m @ 000‰ (K1050741) Trench 4 – 70m x 10m @ 075‰ (K1050574) Trench 5 – 30m x 10m @ 340‰ (K1050815) Trench 6 – 45m x 25m @ 000‰ (K1050642)
52C16SW8249 Fire River 1990	VLF-EM & Trenching	VLF-EM survey (1":200") on property and located 13 anomalies. Top 6 anomalies were trenched: A -F Trench A - #22 – 230ppb Au, Trench F - #35-225ppb Au, #39-130ppb Au, #40-310ppb Au
52C16SW8262 Fire River 1990	Trenching	Mapping of trenching from previous file (52C16SW8249)
Cousineau, Louis & Edward 1993	Prospecting, pits and sampling OPAP-305	Zone A – 3cm to 8cm quartz stockwork in >1m shear with some VG. Assays up to 531 gpt Au. Zone B – 3cm to 30cm quartz veins in mafic to felsic volcanics +/- chalcopyrite-pyrite with assays to 7.82 gpt Au. New pits 51, 52, 53. Prospector Private Notes
C. Kuryliw 1994	Property Visit	Geological review Zone B – A recommendation for 2 drill holes at 330‰ across zones to test for Au and Cu mineralization was never completed.
C. Blackburn OGS, 1994 D. Laderoute OGS, 1993	Property Visits Combined	Zone B – qtz-carb veins in carb alt basalt with cpy-py mineralization in south part of stripping. Assays: 13.57 gpt Au, 1.06 gpt Au and 1.46 gpt Au +/- Cu.
52C15SE PP-2 Cousineau, Louis & Edward 1995	Stripping and trenching of Zone A and Zone B	Zone A – blasted 3 trenches in zone. Trench 21 – 531 gpt Au over 20cm Trench 23 – 17.16 gpt Au over 30cm plus 18.71 gpt Au over 30cm Zone B (only chip assays >0.1 opt Au included) Pit 64 – 10cm @ 13.41 gpt Au & 7cm @ 6.8 gpt Au, 10cm @ 26.44 gpt Au & 13cm @ 14.31 gpt Au, 13cm @ 115.07 gpt Au & 13cm @ 5.54 gpt Au & 10cm @ 159.82 gpt Au Pit 61 – 15cm @ 21.77 gpt Au Pit 65 – 10cm @ 95.79 gpt Au & 10cm @ 76.82 gpt Au 13cm @ 6.00 gpt Au & 13cm @ 126.27 gpt Au 15cm @ 46.86 gpt Au Pit 60 – 13cm @ 7.46 gpt Au & 13cm @ 255.02 gpt Au 13cm @ 28.30 gpt Au Pit 56 – 10cm @ 25.60 gpt Au Alice A Local – 13cm @ 225.79 gpt Au
52C15SE PP-3 Cousineau Louis & Edward 1995	Prospecting	Prospected cut-over area to east of Zone A. Located greenstone, gabbro and rhyolite but no significant Au results.
52C15SE PP-4 Cousineau, Louis & Ray, & K. Desjardins 1995	Prospecting OPAP 92-470 to 472	Galena located in Zone 19 east of Little Turtle Lake but only trace gold. Host was quartz stringers in tuff +/- chalcopyrite-galena but no significant Au results.
52C15SE PP-5 Cousineau Louis & Edward	Mapping, 9 ddh holes (826.71m)	Detailed mapped B-Zone with 44 samples taken over the property. Best assays were: A-Zone – 23.41 gpt Au

<p>Nuinsco 1995 - 96</p>	<p>Trenching &amp; drilling</p>	<p>N-Trench – 1.85 gpt Au, 0.19% Cu, 4.14% Zn, 33 gpt Au and 1.5% Pb.  P Zone – 1.34 gpt Au  Alice A – 9.4 gpt Au, 0.58% Zn and 3.2 gpt Ag  H Zone – 0.11% Cu, 4.76% Zn, 4.4 gpt Ag  K Zone – 0.26% Cu, 10.91% Zn, 27 gpt Ag  E Zone – 0.43% Cu, 15.29% Zn, 46 gpt Ag, 0.15% Pb  C Zone – 1.26 gpt Au, 0.24% Cu, 3.26% Zn, 26 gpt Ag and 0.25% Pb  D Zone – 0.24% Cu, 9.13% Zn, 64 gpt Ag, 0.77% Pb  The B Zone drill results were:  NTT9601- 0.61 gpt Au, 9.8 gpt Ag &amp; 0.75% Cu @ 0.50m.  NTT9602- 0.61 gpt Au, 9.8 gpt Ag &amp; 0.75% Cu @ 0.33m.  NTT9603- 0.61 gpt Au, 0.6 gpt Ag &amp; 0.75% Cu @ 0.82m.  NTT9604- 0.15 gpt Au, 0.4 gpt Ag &amp; 0.12% Cu @ 0.52m.  NTT9605- 1.55 gpt Au, 0.4 gpt Ag &amp; 0.06% Cu @ 0.46m  NTT9605- 0.44 gpt Au, 0.4 gpt Ag &amp; 0.53% Cu @ 0.45m  NTT9606- 1.55 gpt Au, 0.4 gpt Ag &amp; 0.06% Cu @ 1.12m  NTT9606- 1.18 gpt Au @ 0.62m.  The A Zone drill results were:  NTT9607 - 0.28 gpt Au and 0.07% Cu @ 21.80m with highly anomalous Au values of 1.50 gpt and 1.18 gpt.  NTT9609 – 0.82 gpt Au @ 0.39m.</p>
<p>52C15SE PP-6 Cousineau Louis &amp; Ray 1995</p>	<p>Prospecting, Stripping And Sampling (OPAP)</p>	<p>Prospected cut-over area to east of Zone A but no significant results.  A Zone – 30m wide shear @ 80% of tuffs-flows +/- chert with chlorite-iron carbonate, silica and 10% pyrite. Best assay from new stripping was 1.65 gpt Au and new test pits 21A &amp; 21B  B Zone – 20m wide interbedded mafic and felsic units with strong iron carbonate alteration with strongly folded quartz with pods of &gt;5% chalcopyrite. Sampled &amp; enlarged pits 56, 60 &amp; 61 but added new pits 64 –68.  Pit 56 – 12.44 to 21.77 gpt Au  Pit 60 – 25.19 to 225.79 gpt Au  Pit 61 – 1.56 to 255.02 gpt Au  Pit 64 – 7.46 to 115.97 gpt Au  Pit 65 – 5.91 to 126.27 gpt Au  Pit 65 – 2.49 gpt Au,  Pit 68 – 46.96 gpt Au  MDC29</p>
<p>52C16SW AA-8 Cousineau, Louis 1997 (2.17090)</p>	<p>Sampling &amp; Assays</p>	<p>Alice A sampling by Cousineau:  <u>Zone A</u> (east of Alice A) – felsic volcanic + ser – ank + gal + py + cpy-sph  Old shaft ran 25.19 gpt Au grab.  Pit 9A – 24.26 gpt Au &amp; 1.70% Zn  Pit 15A – 59.40 gpt Au &amp; 0.33% Zn  Pit 17A – 8.09 gpt Au &amp; 6.64% Zn  <u>Zone E</u> – 2.4 -3.0m qtz vein (E-W) + ser + minor cpy-sph-gal  Pit 1 sample B8 – 12.10 gpt Au &amp; 0.54% Zn  Pit 1 sample C10 – 13.44 gpt Au &amp; 0.17% Zn  Pit 1 sample C11 – 1.38 gpt Au &amp; 0.49% Zn  Pit 1 sample D01 – 2.97 gpt Au</p>
<p>52C16SW2006 Q-Gold 2000</p>	<p>3 drill holes</p>	<p>3 holes testing the Alice A shaft and 100m east &amp; 100m west.  Best assay was 0.8 gpt Au.</p>

OGS 2000	Notes	Property Summaries Gold Bug – quartz stringers with galena-chalcopyrite-pyrite-gold in foliated felsic rocks. Alice A consists of 60cm-90cm stringer-rich zones of folded quartz with ankerite-sphalerite-galena-chalcopyrite-pyrite in altered rhyolite. Historical assay yielded 17 gpt Au from 10-ton test (1899).
Q-Gold Res. Optioned 2000-2010	3 ddh	Three diamond drill holes through the shaft area of the Alice A. Best result 740 ppb overt 1.0 metre. Private communications with drill geologist Jack Bolen of Q-Gold to prospectors.
OGS 2009	Aeroquest (1:50K).	Detailed survey of area for Atikokan-Mine Centre Area. Located the following: 1) Turtle Tank had no defined EM targets on the 12 82464, 2009 Airborne Mag-EM property, 2) The Turtle Tank gold zones (both A and B) are associated with a northeast trending magnetic low, possibly due to shearing, within a much larger east trending magnetic high (related to mafic volcanics or intrusives), 3) The Gold Bug (and Alice A) gold zone is related to a flanking, east-west, magnetic high associated with a sub-parallel, fault structure to the south and this maybe an undefined fault splay and 4) The Pidgeon base metal zone is related to magnetic low, associated with altered felsic volcanics.
Pathfinder Gold Inc. 2010	Line cutting and mapping, channel sampling and 3 short drill holes (112m)	Completed the following work: a) Line-cut a baseline from “B” Zone to “A” Zone for mapping and sampling. b) Channel sampling of “B” Zone over 32.30 m with best assay of 0.63 gpt Au over 2.15 m. c) Channel sampling of “A” Zone over 16.65 m with best assay of 0.40 gpt Au over 1.00 m. c) d) Two holes on the “B” Zone (81.22 m) ran 2.65 gpt Au over 1.00 m and 1.51 gpt Au over 0.80 m. e) One hole on the “A” Zone (31.15 m) ran 0.22 gpt Au over 0.53 m.
Pathfinder Gold Inc. 2011	Mapping & sampling	Mapping and sampling Completed the following work: 1. sampling of the Alice A area located seven anomalies of 1.14-19.96 gpt Au in a new >150m wide geological structure. 2. Sampling of the Pidgeon area located four anomalies of 1.26-11.47% Zn-Cu-Pb +/- Au-Ag. Reference: MDC 29 – Mineral Deposit Circular 29 (OGS 2000)
Pathfinder Gold Inc. 2013	Stripping – 2 trenches on Alice A & West Tr	Located new gold zone on West Trench – 5.00 gpt Au over 5.50m in qtz bearing felsic volcanic.
Pathfinder Gold Inc & TBT Engineering 2013	5 ddh (226m) on west trench	Drill hole TT13005 interested 1.99 gpt Au over 12.70m (from surface) in altered felsic porphyry.

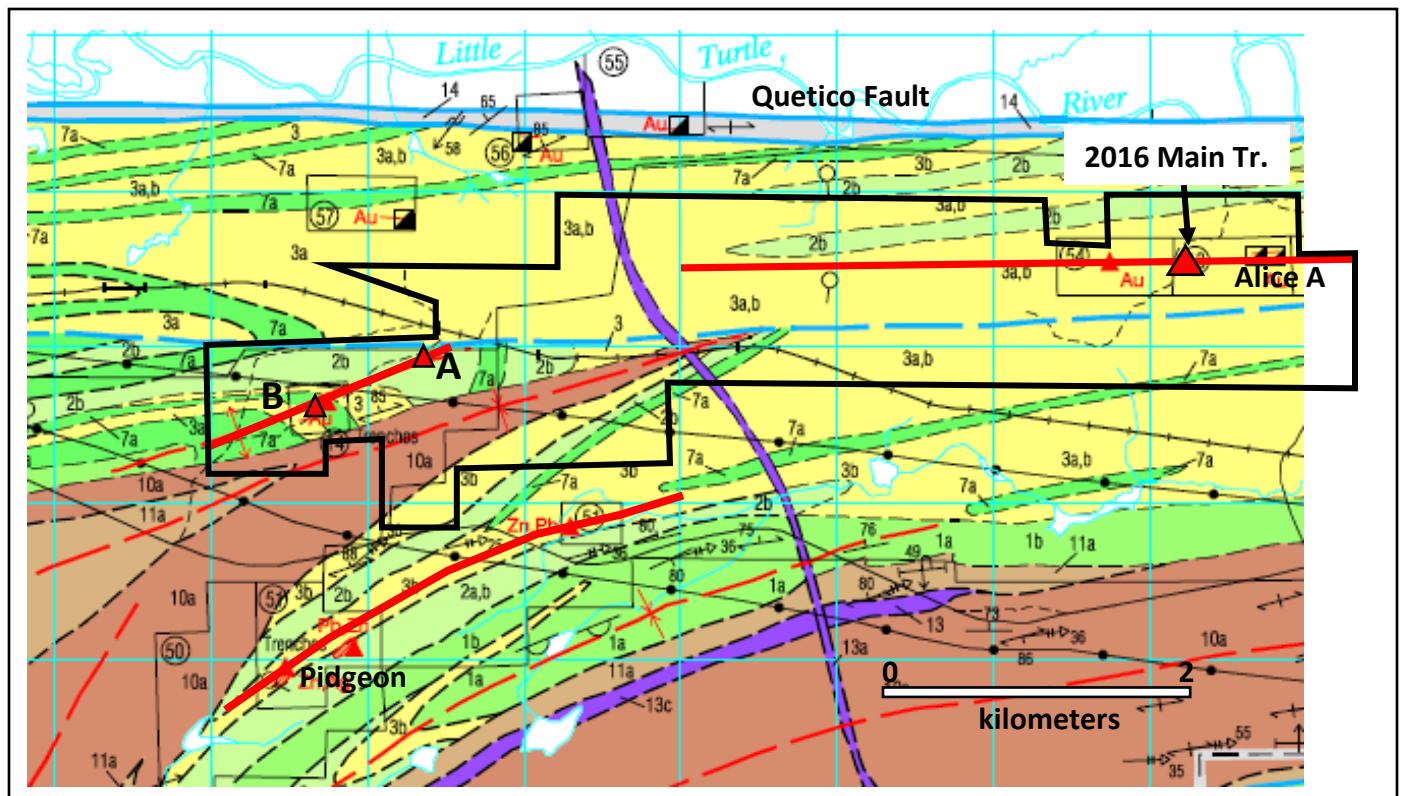
## GEOLOGY AND STRUCTURE

The geology for the property is derived from Ontario Geological Survey Map 2525 and is supported by Geological Report 266 (Poulsen 2000).

“The Turtle Tank property is located within the Wabigoon Subprovince of the Archean Superior Province. The property is underlain by intercalated mafic to intermediate flows +/- tuff to felsic tuffs and overlain by the later Quetico Metasediments. There is a steeply dipping regional foliation at 070o.

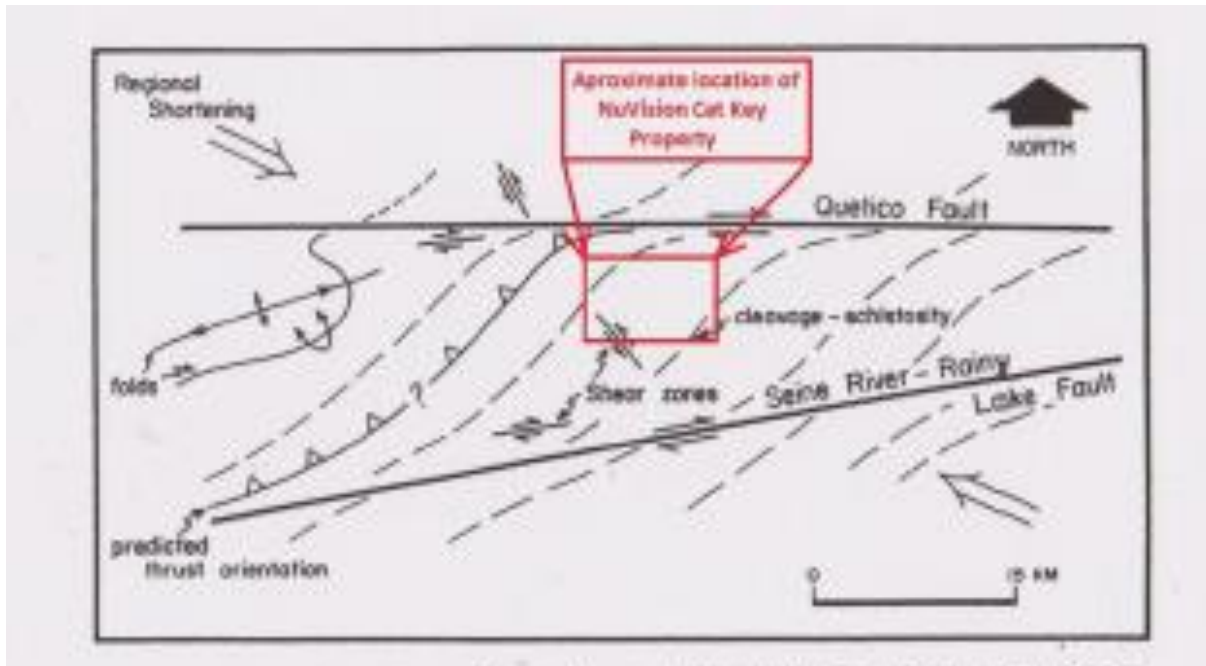
The property is underlain by a tightly folded sequence of intercalated mafic flows, intermediate to felsic tuff, minor lapilli tuff and flows in contact with cobble, sand or clay based metasediments (Quetico). The stratigraphy follows the steeply dipping regional foliation at 070o on the south portion of the property, south of Highway 11, near the Pidgeon Base Metal Trend. Foliation is related to splays off the Seine River Fault to the south. North of the highway, the stratigraphy follows an east-west foliation near the Gold Bug and Alice A where regional foliation is strongly influenced by the east-west Quetico Fault.”

**Figure 2: Geology of the Turtle Tank Option (modified after Poulsen 2000)**



The Mine Centre area is contained in a dextral wrench zone between the Quetico Fault to the north and the Seine River Fault to the south. These two faults splay approximately 30 kilometres to the east of the mapped area. Both faults have right lateral movement causing a dextral wrenching on the pie shaped rocks between the faults. The Quetico essentially trends east-west and can be traced for greater than 300 kilometres. The Seine River Fault splays off the Quetico Fault, approximately 30 kilometres to the east of the map area and has a trend of approximately 255o and can be traced for greater than 200 kilometres. South of the Seine River Fault, rocks consist mainly of sediments with upper amphibolite grade of metamorphism, (biotitic schist). North of the Quetico Fault the rocks are upper amphibolite grade of metamorphosis consisting mainly of migmatites.

**Figure 3: Structural Geology Map of the Mine Centre Area showing approximate location of the Turtle Tank Option (Poulsen, 2000).**



The intervening wedge consists of volcanics, mafic and felsic, Temiskaming Meta-Sediments, Intrusive sills, both felsic and mafic. Metamorphism is of green schist grade which slowly increases to the west of the mapped areas. Dextral wrenching has caused a series of shears to open up between the 2 faults. Originating from the Seine River Fault these strong shears trend ENE and eventually align east-west as the Quetico is approached. These regional faults have a pronounced influence on the foliation of the area. The Quetico has infused large amounts of ankerite into the rocks immediately south of the fault. In the area around the Alice A, ankerite locally approaches 50 %. Greater than 200 gold bearing veins are associated with these splays (shears) radiating from the Seine River Fault. Alteration is generally in the form of silicification (quartz veins) with generally less than 10 % ankerite which is usually confined to the veins. Mineralization associated with the Seine includes, pyrite, chalcopyrite, sphalerite, galena, gold and silver. Many of these veins are very high grade.”



## **PATHFINDER GOLD EXPLORATION PROGRAM (2010-2013)**

Pathfinder Gold Inc. optioned the “Turtle Tank Property” optioned from the Cousineau family of Fort Frances. Pathfinder completed a limited 3 year program (Sept 2010 – Jan 2013), due to financing, on the “Turtle Tank Property”.

Previous work by Cousineau & Desjardin families located four gold showings and one base-metal (A & B Au Zones, Gold Bug Au & Alice A Au, Pigeon Cu-Zn-Ag-Au) on the property. They completed blasting, stripping and sampling over 70 trenches, with located significant gold and some base metal values assays.

### A-Zone

Inco 1990	12 samples of 1.17 – 63.9 gpt Au in ankerite altered basalt
Cousineau 1993	grab up to 531 gpt Au in qtz veins
Cousineau 1995	18 gpt Au /0.3m
Nuinsco 1996 Drill Hole	0.28 gpt Au and 0.07% Cu @ 21.80m

### B-Zone

Ed-Vic 1976	Hole B-5 ran 0.6 gpt Au, 34.8 gpt Ag & 3.62% Cu
Inco 1990	7 samples of 1.25 - 13.2 gpt Au in ankerite altered basalt
Cousineau 1993	grabs up to 7.82 gpt Au in qtz veins
OGS 1993	3 samples of 1.06-13.57 gpt Au in qtz-carb veins in alt basalt
Cousineau 1995	17 samples ran 5.54 – 126.27 gpt Au over 0.10 – 0.13m
Nuinsco 1996 Drill Hole	1.55 gpt Au, 0.4 gpt Ag & 0.06% Cu @ 1.12m

### Alice A

Cousineau 1993	Old shaft ran 25.19 gpt Au grab. Grab 24.26 gpt Au & 1.70% Zn
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### Pidgeon Zone

Armstrong 1989	1 hole ran 1.18% Zn, 0.13% Pb and 0.07% Cu / 2.26m.
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Pathfinder completed the following exploration programs on the Turtle Tank Property from September 2010 to December 2013:

### Fall 2010 Stripping

- line-cut a baseline from “B” Zone to “A” Zone for mapping and sampling. Channel sampling of “B” Zone over 32.30 m with best assay of 0.63 gpt Au over 2.15 m. This author, while with the Ontario Geological Survey, extracted several chip samples (0.5–1.0 m) with values of 1-20 gpt Au in the early 1990’s, near this new channelling, suggesting a “nugget effect” is in play.
- Channel sampling of “A” Zone over 16.65 m with best assay of 0.40 gpt Au over 1.00 m. This included sampling the high-grade 2cm wide quartz vein, running sub-parallel to the new channel.
- Two holes on the “B” Zone (81.22 m) ran 2.65 gpt Au over 1.00 m and 1.51 gpt Au over 0.80 m.
- One hole on the “A” Zone (31.15 m) ran 0.22 gpt Au over 0.53 m.

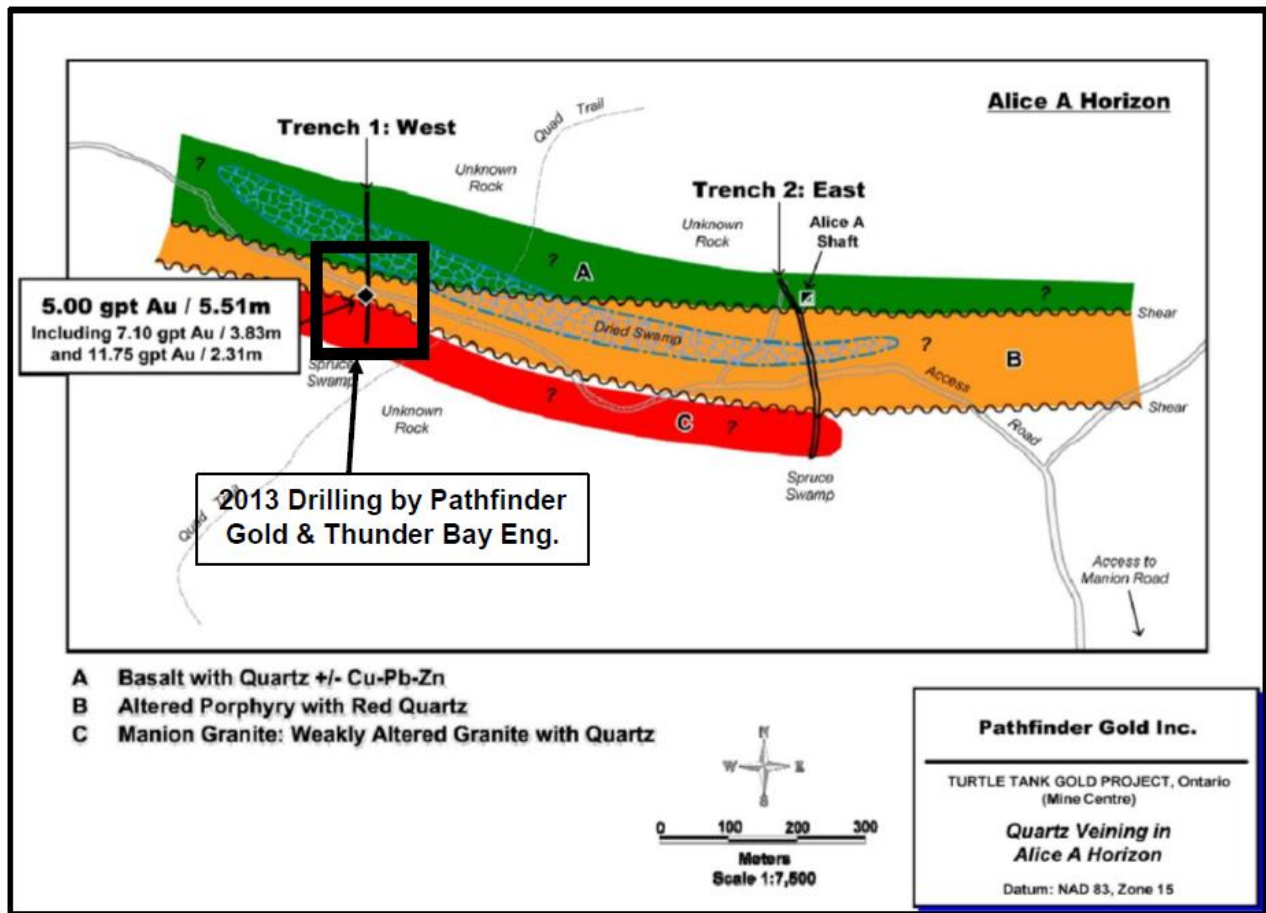
**Table 5: High Grade Gold Assays from the West Trench, Pathfinder Gold (2012)**

<b>"Normal" Fire Assays</b>			<b>Re-sample for Pulp Metallic Assays</b>		
Sample	Grade	Width	Sample	Grade	Width
	gpt Au	m		gpt Au	m
1482110-11	11.75	2.31	1482110-11	11.83	2.31
1482110-12	7.15	3.83	1482110-12	7.15	3.83
1482109-12	5.00	5.51	1482109-12	5.02	5.51

The original or "normal" fire assays by Accurassay Labs of Thunder Bay show economically gold grades over highly significant widths. Resampling of these channels, by this author, yielded very similar results using the Pulp Metallic Assay Method from Accurassay Labs. This suggests that the gold appears to be continuous and not suffering the "nugget effect" allowing to have strong assay correlation using normal fire assay methods.

c) Manion "Granite" - a >70m wide, granite with smaller quartz-rich zones in shear zone (2-3m). This is a continuation of the granite unit from trench two. Based upon 2016 mapping, this author believes this "granite" is a continuation of the felsic volcanic (porphyry and pyroclastic) unit that updates this unit to 95m of exposure.

Figure 4: 2012-2013 stripping & drill locations by Pathfinder Gold (modified after Raoul, 2012 and Arnold 2013)



Pathfinder Gold and Thunder Bay Engineering completed a 5 holes (226m) program on the West Trench of the Alice A Zone (near the Gold Bug) in the summer of 2013. The following work and results were located in 2013 Diamond Drilling Program Turtle Tank Project (Dec.6/13): Hole TT13-005 intersected **1.99 gpt Au over 12.70m** (from surface); including 7.21 gpt Au & 2.3 gpt Ag over 3.00m. This high anomalous assay warrants further work.

Table 6: Gold Assays from 2013 drilling on West Trench, Pathfinder Gold & TBay Engineering (2013)

Hole	East	Northing	Azm / Dip	Depth	From m	To m	Length m	Au gpt	Ag gpt
TT13-001	537777	5401288	180o /-45o	40	9.45	9.85	0.40	0.21	<1
TT13-002	537777	5401288	180o /-75o	69	11.30	11.80	0.50	0.97	<1
TT13-002	537777	5401288	180o /-75o	69	62.45	64.00	1.55	1.22	1.70
TT13-003	537802	5401278	180o /-45o	41	34.25	37.25	3.00	0.07	n/a
TT13-004	537751	5401302	180o /-45o	56	n/a	n/a	n/a	n/a	n/a
TT13-005	537774	5401278	200o /-45o	21	0.00	12.70	12.70	1.99	0.60

## **2016 NuVision Resources Stripping Program**

In July of 2016, NuVision Resources ULC optioned “Turtle Tank Property” from Ray Cousineau (and family) of Fort Frances, Ontario. The property consists of 9 optioned claims consisting of 864 Ha (or 8.64 km<sup>2</sup>).

In August of 2016, NuVision Resources ULC completed a small stripping on the West Trench of the Alice A Zone (formerly of Pathfinder Gold Inc). The purpose of this stripping program was to confirm the high grade gold values (5.00 gpt Au over 5.51m) within this “West Trench”.

A visit by NuVision Staff to the East and West Trenches of the Alice A Zone (of Pathfinder) found that the access trail was washed out to vehicle travel and could only be accessed by quad. Nor-Ed Geophysics (of Mine Center) was hired to upgrade the access trail, located 1.6km north on the Main Road, for 4x4 vehicle travel.

This author laid out three trenches to strip, under project manager Max Reiter’s supervision, from August 23-30, 2016 (see figure 4 below):

- Main Trench (original West Trench of Pathfinder) – area 45m east-west by 30m north-south was stripped. This paralleled and extended the sampling of Pathfinder Gold.  
GPS location – 537774E, 5401275N (Zone 15, NAD83)
- West-wing Trench (160m west of Main trench) – area 10m east-west by 33m north-south was stripped.  
GPS location – 537645E, 5401338N (Zone 15, NAD83)
- East-wing Trench – an area 10m east-west by 65m north-south was stripped and split by the access trail (aka 4x 4 road).  
GPS location – 537852E, 5401259N (Zone 15, NAD83)

The washing of the trenches / outcrops was by NuVision prospector Bill Bone (of Bone Field Services) of Fort Frances with assistance by geological assistant Patrick Kabatay of Seine River First Nations. This team also completed the cutting & bagging of the channel samples, under this author’s supervision.

A total of 99 samples were taken during this eight day stripping 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.

**Table 7: Anomalous Assays from 2016 NuVision Sampling**

<b>Catagory</b>	<b>Au ppb</b>	<b>Ag ppm</b>	<b>Cu ppm</b>	<b>Pb ppm</b>	<b>Zn ppm</b>
Weakly elevated	+ 50				
Elevated	+100	0.5	200	200	200
<b>Anomalous</b>	<b>+500</b>	<b>2.0</b>	<b>500</b>	<b>500</b>	<b>500</b>
<b>Very anomalous</b>	<b>+2000</b>	<b>5.0</b>	<b>1000</b>	<b>1000</b>	<b>1000</b>

The following geological units were located during the 2016 stripping and mapping process (from north to south):

Unit 3a – (Unaltered) Basalt

Fine-grained, dark green to black, basalt tuff with weak foliation (090°/88°N), moderate to strongly magnetic, 1-5 magnetite and trace pyrite. Minor subunits (under 3-5m) of pillow basalt, north facing (younging direction) with under 2% white quartz veins, parallel to foliation.

Unit 3b – Altered Basalt

Fine-grained, green, chloritic basalt (tuff) with weak-moderate shearing (092°/88°N), weakly magnetic, under 1% magnetite and trace pyrite. Sporadic zones (1-5m) of moderate to intense shearing with over 20% ankerite alteration, 2-5% white quartz veins and trace-2% pyrite. There are small east-west, vertical, subzones (0.3m) of plus 50% quartz with 5-10% py-cpy-gal-sph, such as the Alice A and Gold Bug zones, in these highly sheared structures.

Unit 2a – Felsic Volcanic (Tuff)

Fine-grained, grey, rhyolite to dacite tuff with weak foliation (088°/85°N). There are small parallel subzones (under 2m) with more than 10-50% pyroclastic fragments of felsic tuff or minor small (under 1m) felsic porphyry dikes (2%).

Unit 2b – Altered Felsic Volcanic (Tuff)

Fine-grained, grey to grey-green, rhyolite to dacite tuff with 1-5% sericite and 0-5% ankerite alteration. Typically has 1-5% fine (under 3mm) white quartz veins, paralleling the foliation at 088°/85°N. There are small parallel subzones, under 2m, with more than 10-50% pyroclastic fragments of felsic tuff and minor (under 2%) small felsic porphyry dikes.

Unit 2c – Altered Quartz Veins

Fine grained, grey to reddish, sugary, quartz veins that trend east-west and along related extensional fractures. The main vein exceeds 2m and is the original gold bearing veining of Pathfinder (2.31m of 11.75 gpt Au). New stripping has shown that that there are two series of quartz veins:

- a) east-west gold-bearing “red quartz veins” are also located within a series of north-south extensional fractures, containing these altered (red) quartz veins. 2016 assays up to 21.2 gpt Au and 3.2 gpt Ag have been found in these veins (see sample 1500006).

- b) east-west, gold-bearing, very fine-grained (1-2mm), white quartz veins, within micro to fine fractures. 2016 assays up to 3.46 gpt Au and 0.5 gpt Ag have been found in these veins (see sample 1500025).

#### Unit 1a – Unaltered Basalt

Fine-grained, dark green to black, massive to pillow basalt with weak foliation (090°/88°N), non-magnetic and trace pyrite. Minor subunits (under 3-5m) of basalt tuff with under 2% white quartz veins, parallel to foliation

#### Unit 1b – Altered (Silica) Basalt

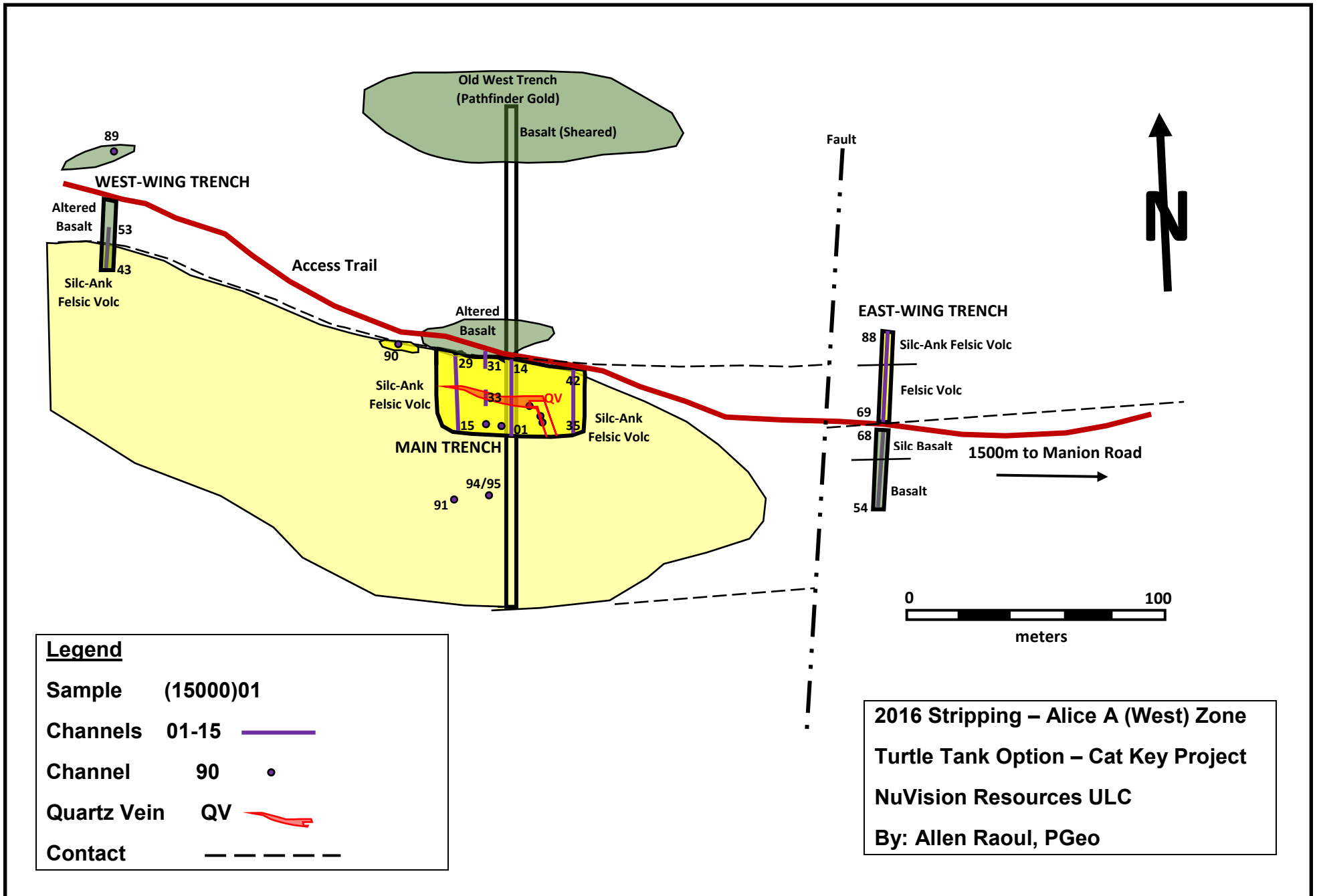
Fine-grained, green, chloritic basalt (tuff) with 20-30% silica alteration and tr-1% pyrite. Sporadic subzones with up to 20% ankerite alteration. This is similar to unit 3c.

#### Unit 1c – Altered / Sheared Basalt

Fine-grained, green, chloritic basalt (tuff) with weak-moderate shearing (092°/85°N) and trace pyrite. Sporadic zones with up to 20% ankerite alteration. This is similar to unit 3b.

Pathfinder Gold noted that the “Manion Granite” was located south of this felsic volcanic unit. New mapping exposures have revealed that this is not correct and this author has traced Unit 2b (Altered Felsic Volcanic) continues to the south for another 70m plus. Subzones (up to 1m) of 20% white quartz veins, especially in felsic pyroclastics, has been located and sampled during this report. No significant assays were located by the limited stripping in 2016 however, gold values of 5.12 gpt Au was located in 2012 by J. Bolen (PGeo) in these same white quartz veins within this felsic tuff pyroclastic unit.

Figure 5: 2016 Stripping of the Alice A / West Zone by NuVision Resources ULC



The stripped / trench areas are follows:

### **Main Trench**

The Main Trench was done on the original “West Trench” of Pathfinder Gold (2012), which was 200m long (north-south) by 2-3m wide (east-west). They located an east-west trending, felsic volcanic unit (tuff +/- pyroclastics) with a 2m plus red quartz vein trending east-west. They intersected 2.31m of 11.75 gpt Au within the quartz vein and 5.51m of 5.00 gpt Au with the quartz – felsic volcanic zone.

The 2016 Main Trench opened up this “West Trench” to an area 45m (east-west) by 30m (north-south). NuVision paralleled and extended the sampling of Pathfinder in all directions. See figure 5 below.

A series of north-south channels (A, B, C1, C2, & D) was completed on the Main Trench during the initial investigation by this author. Other channels (1500089-99) were completed later and are discussed under Other Sampling at the end of this section. Many of these have been plotted on the previous figure (see figure 4).

The following significant gold assays were located on the Main Trench:

- **9.37 gpt Au / 3.96m in red quartz vein + altered felsic volcanic**
- **1.75 gpt Au / 1.93m in red quartz veins**
- **1.32 gpt Au / 4.07m in white quartz vein + altered felsic volcanic**

The channel sampling of the Main Trench was:

**Table 8: 2016 Channel samples of the Main Trench, Alice A/West Zone by NuVision Resources ULC**

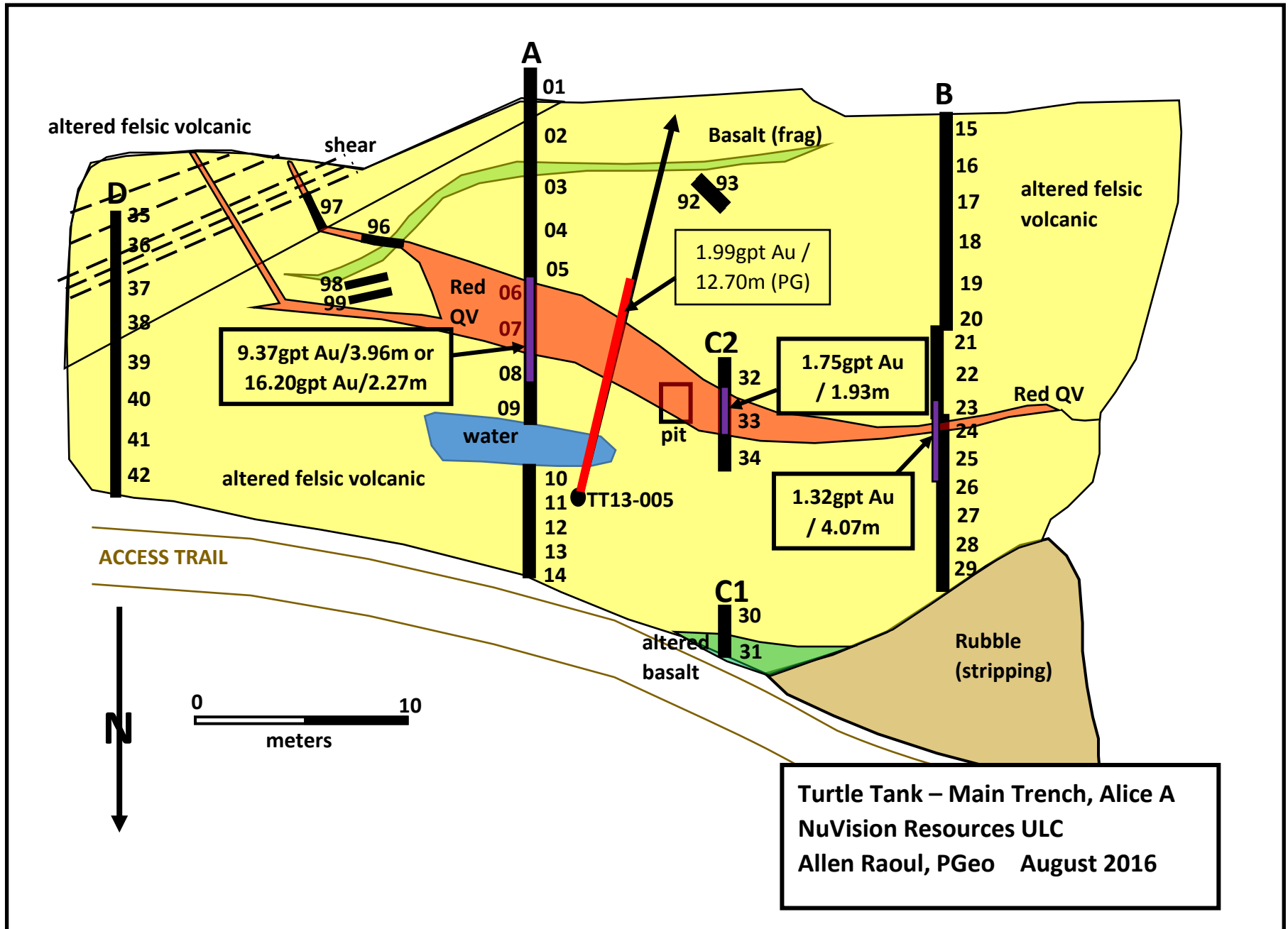
<b>Zone / Ch</b>	<b>Sample No.</b>	<b>Length (m)</b>	<b>AZM</b>	<b>Easting</b>	<b>Northing</b>	<b>Rock Type</b>	<b>Au ppb</b>	<b>Ag ppm</b>	<b>Cu ppm</b>	<b>Pb ppm</b>	<b>Zn ppm</b>
A	1500001	2.01	001o	537772	5401271	Felsic Volcanic	< 5	0.2	7	16	132
A	1500002	1.11	001o	537772	5401272	Felsic Volcanic	< 5	< 0.2	8	10	56
A	1500003	1.54	001o	537773	5401272	Felsic Volcanic	< 5	< 0.2	12	6	69
A	1500004	1.53	001o	537773	5401273	Felsic Volcanic	12	< 0.2	14	13	73
A	1500005	1.54	001o	537774	5401274	Felsic Volcanic + 10cm QV	13	< 0.2	11	11	54
A	1500006	1.23	001o	537774	5401275	over 95% QV + 3-5% py-cpy-gal	<b>21,200</b>	<b>3.2</b>	<b>500</b>	<b>116</b>	<b>830</b>
A	1500007	1.04	001o	537774	5401275	over 95% QV + 3-5% py-cpy-gal	<b>10,300</b>	<b>1.2</b>	<b>73</b>	<b>60</b>	<b>216</b>
A	1500008	1.69	001o	537775	5401276	under 5% QV + tr-1%py in fel volc	<b>88</b>	<b>0.2</b>	<b>7</b>	<b>54</b>	<b>124</b>
<b>Zone</b>		<b>3.96</b>					<b>9327</b>	<b>1.4</b>	<b>177</b>	<b>75</b>	<b>367</b>



A	1500009	1.20	001o	537775	5401276	Felsic Volcanic	13	< 0.2	8	19	53
A						2.3m water hole (break)					
A	1500010	1.79	000o	537774	5401273	Felsic Volcanic	27	< 0.2	13	12	96
A	1500011	1.49	000o	537774	5401274	Felsic Volcanic (by TT13-005 PG)	< 5	< 0.2	4	8	53
A	1500012	1.55	000o	537775	5401274	Felsic Volcanic	< 5	< 0.2	5	7	68
A	1500013	1.57	000o	537775	5401275	Felsic Volcanic	< 5	< 0.2	2	7	72
A	1500014	1.02	000o	537775	5401276	Felsic Volcanic	< 5	< 0.2	12	9	82
B	1500015	1.57	359o	537757	5401267	Felsic Volcanic	< 5	< 0.2	7	9	59
B	1500016	1.56	359o	537757	5401269	Felsic Volcanic	< 5	< 0.2	4	10	57
B	1500017	1.57	359o	537757	5401270	Felsic Volcanic	< 5	< 0.2	2	8	45
B	1500018	1.57	359o	537757	5401272	Felsic Volcanic	< 5	< 0.2	3	40	80
B	1500019	1.56	359o	537757	5401274	Felsic Volcanic	8	<b>0.9</b>	143	13	<b>430</b>
B	1500020	1.40	359o	537757	5401276	Felsic Volcanic	< 5	< 0.2	3	15	54
B	1500021	1.58	359o	537758	5401278	Felsic Volcanic	< 5	< 0.2	3	6	45
B	1500022	0.94	359o	537758	5401280	Felsic Volcanic	< 5	< 0.2	6	12	59
B	1500023	1.15	359o	537759	5401281	Felsic Volcanic	<b>91</b>	<b>0.2</b>	<b>3</b>	<b>45</b>	<b>85</b>
B	1500024	1.40	020o	537760	5401283	Sheared Felsic Volcanic + 5% quartz vein	<b>5</b>	<b>0.2</b>	<b>9</b>	<b>16</b>	<b>49</b>
B	1500025	1.52	020o	537761	5401285	Felsic Volc + 10% white QV	<b>3460</b>	<b>0.5</b>	<b>24</b>	<b>59</b>	<b>114</b>
<b>Zone</b>		<b>4.07</b>					<b>1320</b>	<b>0.3</b>	<b>13</b>	<b>40</b>	<b>83</b>
B	1500026	1.56	020o	537762	5401286	Felsic Volcanic	14	< 0.2	10	11	61
B	1500027	1.63	020o	537761	5401287	Felsic Volcanic	< 5	< 0.2	4	7	66
B	1500028	1.57	020o	537759	5401288	Felsic Volcanic	< 5	< 0.2	2	5	61
B	1500029	1.00	020o	537758	5401289	Felsic Volcanic	< 5	< 0.2	3	6	56
C1	1500030	1.32	018o	537769	5401289	Felsic Volcanic	< 5	0.4	47	46	94

C1	1500031	0.85	018o	537769	5401290	Shr-Ank Basalt	< 5	0.2	34	19	124
C2	1500032	1.59	018o	537768	5401278	Felsic Volcanic	< 5	< 0.2	3	27	60
C2	1500033	1.93	018o	537769	5401281	95% Red QV +5%py-cpy- gal	<b>1750</b>	<b>0.7</b>	<b>223</b>	<b>51</b>	<b>120</b>
C2	1500034	1.53	018o	537769	5401284	Felsic Volcanic	< 5	< 0.2	4	13	53
D	1500035	1.22	002o	537792	5401261	Shr Felsic Volcanic	< 5	< 0.2	3	8	73
D	1500036	1.58	002o	537792	5401262	Shr Felsic Volcanic	< 5	< 0.2	5	12	62
D	1500037	1.37	002o	537792	5401264	Shr Felsic Volcanic	< 5	< 0.2	14	9	90
D	1500038	0.94	002o	537792	5401265	Felsic Volcanic	< 5	< 0.2	11	10	47
D	1500039	1.93	002o	537791	5401267	Felsic Volcanic	< 5	< 0.2	20	8	54
D	1500040	1.75	002o	537790	5401269	Felsic Volcanic	< 5	< 0.2	4	10	52
D	1500041	1.16	002o	537791	5401274	Felsic Volcanic	< 5	< 0.2	3	11	65
D	1500042	1.57	002o	537792	5401273	Felsic Volcanic	< 5	< 0.2	4	8	43

Figure 6: 2016 Stripping of the Main Trench, Alice A / West Zone by NuVision Resources ULC



Turtle Tank – Main Trench, Alice A  
 NuVision Resources ULC  
 Allen Raoul, PGeo August 2016

## West-Wing Trench

The West-Wing Trench is located 160m west of Main trench, along the access trail. An area of 10m east-west by 33m north-south was stripped to locate the gold mineralization associated with the Main Trench.

The following significant gold assays were located on the Main Trench:

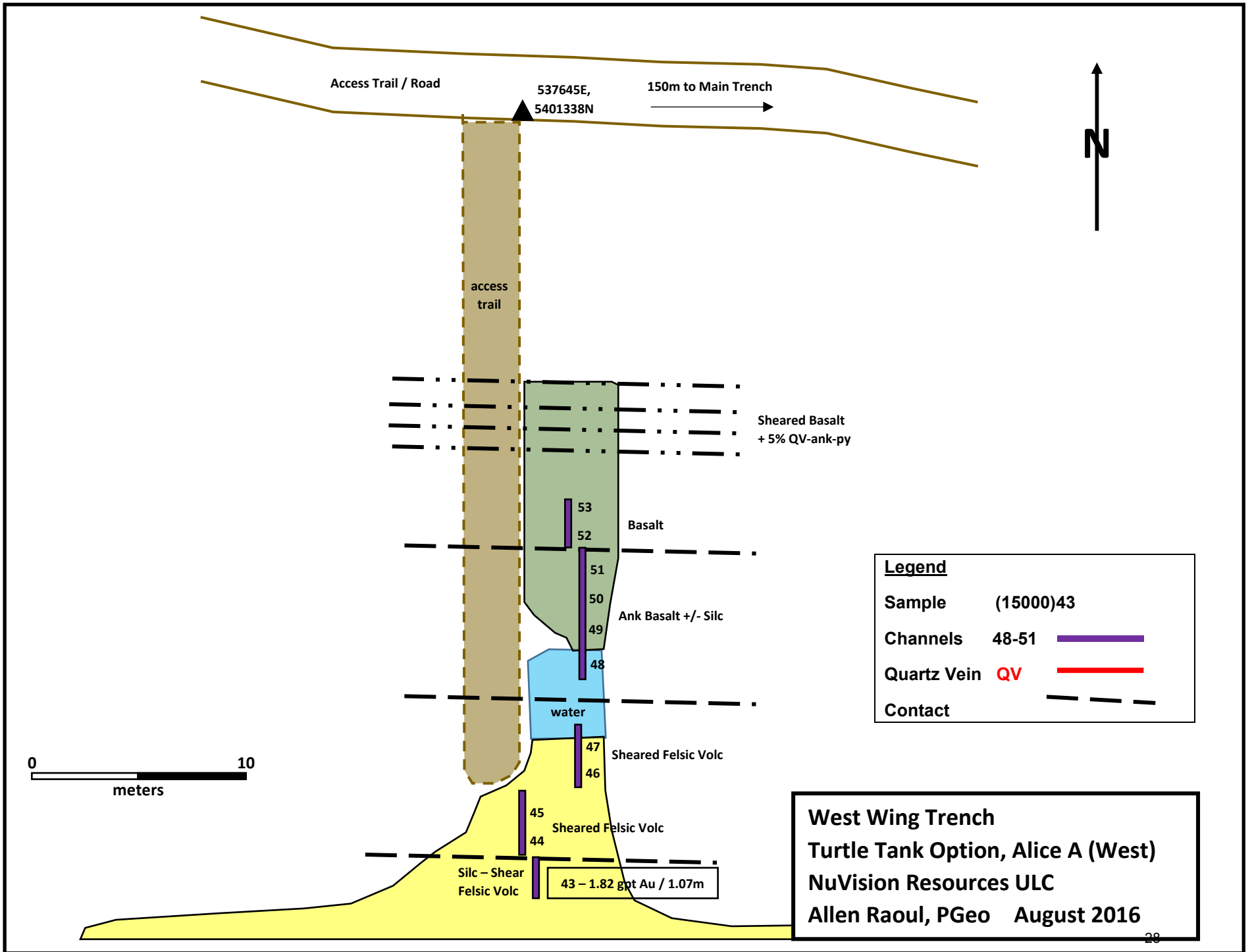
- **2016 assays up to 1.82 gpt Au over 1.07m.**

The channel sampling of the West Wing Trench was

**Table 9: 2016 Channel samples of the West Wing Trench, Alice A / West Zone by NuVision Resources ULC**

Zone / Ch	Sample No.	Length (m)	AZM	Easting	Northing	Rock Type	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm
WW	1500043	1.07	358o	537638	5401308	Shear-Silc Felsic Volcanic + 2% py-cpy	1820	< 0.2	3	9	70
WW	1500044	1.80	358o	537639	5401309	Shear Felsic Volcanic	< 5	< 0.2	9	15	115
WW	1500045	1.54	358o	537640	5401309	Shear Felsic Volcanic	< 5	0.2	7	7	44
WW	1500046	1.59	358o	537641	5401310	Shear Felsic Volcanic	< 5	< 0.2	3	8	23
WW	1500047	1.49	358o	537641	5401311	Shear Felsic Volcanic	< 5	< 0.2	7	6	39
Break						4m of water					
WW	1500048	0.75	000o	537644	5401314	Silc-Ank Basalt + 5% QV	< 5	0.3	23	4	304
WW	1500049	1.54	000o	537643	5401315	Silc-Ank Basalt + 5% QV	< 5	< 0.2	27	6	198
WW	1500050	1.71	000o	537643	5401317	Silc-Ank Basalt + 5% QV	< 5	< 0.2	31	4	90
WW	1500051	1.47	000o	537643	5401319	Silc-Ank Basalt + 5% QV	< 5	0.2	8	< 2	74
WW	1500052	0.75	000o	537642	5401021	Chl-Carb(20%) Basalt	< 5	0.2	34	< 2	86
WW	1500053	1.75	000o	537641	5401022	Chl-Carb(20%) Basalt	< 5	< 0.2	13	< 2	114

Figure 7: 2016 Stripping of the West-Wing Trench, Alice A / West Zone by NuVision Resources ULC



**West Wing Trench**  
**Turtle Tank Option, Alice A (West)**  
**NuVision Resources ULC**  
**Allen Raoul, PGeo August 2016**

## East-Wing Trench

The East-Wing Trench is located 100m east of Main trench, along the access trail. An area of 10m east-west by 65m north-south was stripped, to located the gold mineralization associated with the Main Trench. The trenching is interrupted by the existing access trail from Manion Road. The mapping of this trench is broken up to a South and North side; see figures 7 and 8.

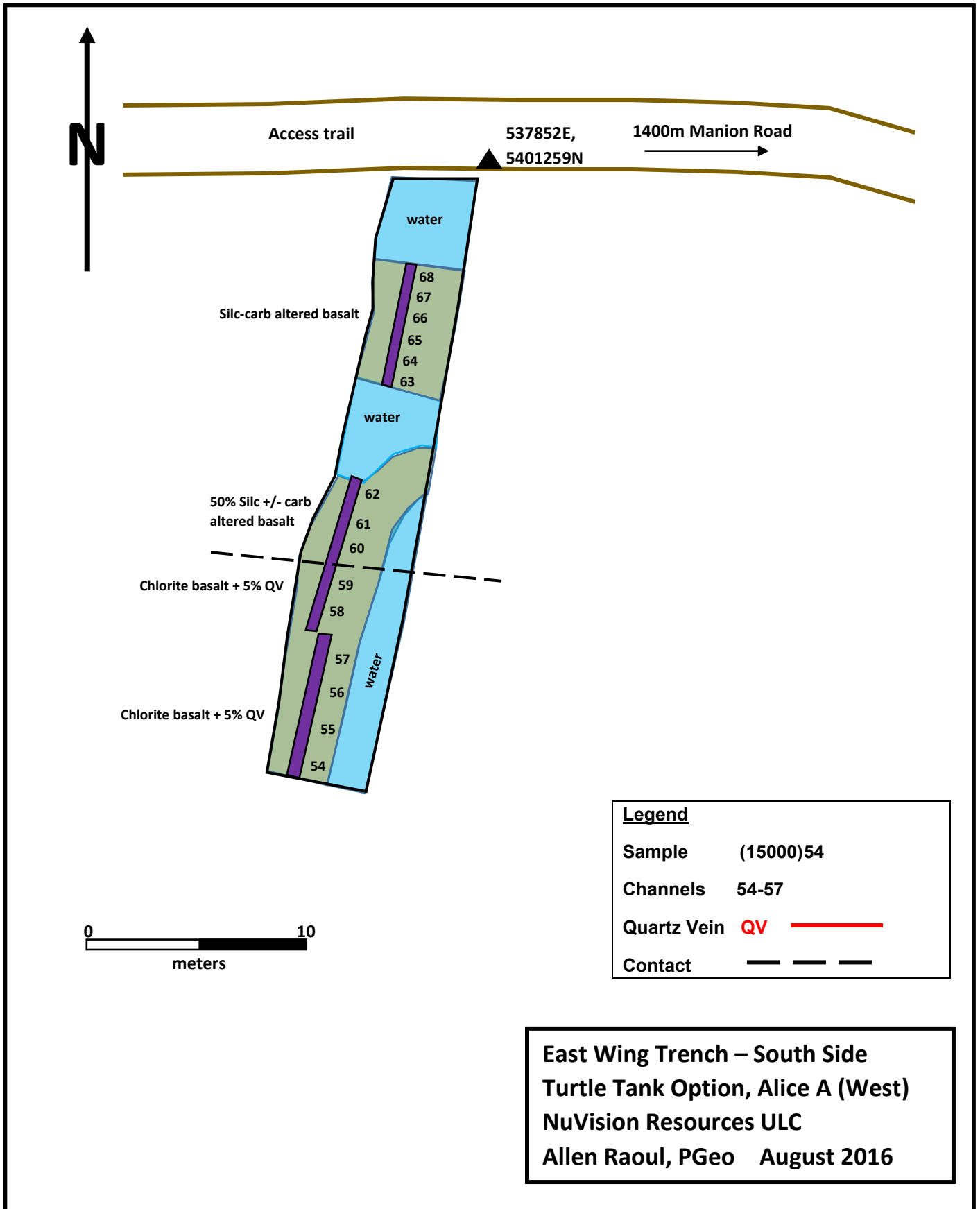
No significant gold assays (over 200ppb Au) were located during the 2016 assay program.

The channel sampling of the East Wing Trench(es) was:

**Table 10A: 2016 Channel samples of the East Wing Trench - South, Alice A / West Zone by NuVision Resources ULC**

Zone	Sample No.	Length (m)	AZM	Easting	Northing	Rock Type	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm
EWS	1500054	1.04	050o	537846	5401227	Chl Basalt + 5% qtz-chl	< 5	< 0.2	85	< 2	75
EWS	1500055	1.55	050o	537847	5401228	Chl Basalt + 5% qtz-chl	< 5	0.2	77	< 2	69
EWS	1500056	1.58	030o	537848	5401229	Chl Basalt + 5% qtz-chl	< 5	0.2	99	3	59
EWS	1500057	1.58	030o	537848	5401230	Chl Basalt + 5% qtz-chl	< 5	0.2	81	< 2	52
EWS	1500058	1.66	030o	537849	5401230	Chl Basalt + 5% qtz-chl	< 5	< 0.2	69	< 2	44
EWS	1500059	1.60	030o	537849	5401231	Chl Basalt + 5% qtz-chl	< 5	< 0.2	32	< 2	59
EWS	1500060	1.57	030o	537850	5401232	Silc (50%) Basalt+tr-2%py	< 5	< 0.2	48	< 2	65
EWS	1500061	1.60	030o	537850	5401234	Silc (50%) Basalt+tr-2%py	< 5	< 0.2	7	< 2	25
EWS	1500062	1.15	030o	537850	5401235	Silc (50%) Basalt+tr-2%py	< 5	< 0.2	4	< 2	57
Break						2m water					
EWS	1500063	1.18	030o	537851	5401236	Silc-Carb(20%) Basalt	< 5	< 0.2	7	3	11
EWS	1500064	1.40	012o	537851	5401239	Silc-Carb(20%) Basalt	< 5	0.2	16	< 2	20
EWS	1500065	0.64	012o	537852	5401242	Silc-Carb(20%) Basalt	< 5	< 0.2	8	< 2	72
EWS	1500066	1.51	012o	537852	5401244	Silc-Carb(20%) Basalt	< 5	< 0.2	30	< 2	69
EWS	1500067	1.51	012o	537853	5401247	Silc-Carb(20%) Basalt	< 5	< 0.2	37	< 2	78
EWS	1500068	1.20	012o	537853	5401250	Silc-Carb(20%) Basalt	< 5	< 0.2	8	< 2	65
Break				537852	5401259	GPS on road					

Figure 8A: 2016 Stripping of the East-Wing Trench – South (side), Alice A / West Zone by NuVision Resources ULC



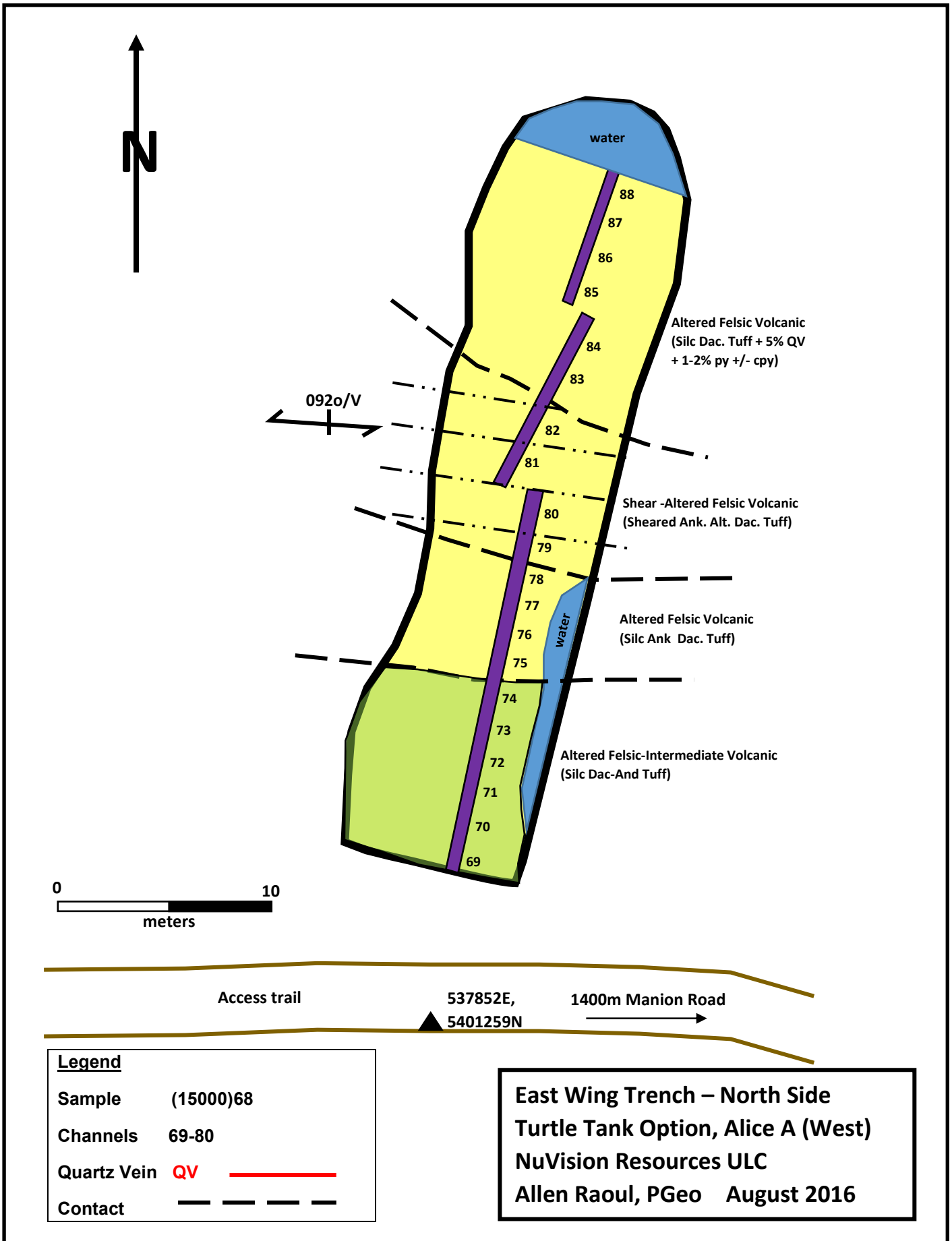
East Wing Trench – South Side  
 Turtle Tank Option, Alice A (West)  
 NuVision Resources ULC  
 Allen Raoul, PGeo August 2016

**Table 10B: 2016 Channel samples of the East Wing Trench - North, Alice A / West Zone by NuVision Resources ULC**

Zone	Sample No.	Length (m)	AZM	Easting	Northing	Rock Type	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm
EWN	1500069	1.55	018o	537858	5401262	Silc Dacite-Andesite	< 5	< 0.2	46	6	88
EWN	1500070	1.44	018o	537858	5401263	Silc Dacite-Andesite	< 5	< 0.2	101	< 2	109
EWN	1500071	1.68	018o	537859	5401265	Silc Dacite-Andesite	< 5	< 0.2	47	4	52
EWN	1500072	1.57	018o	537859	5401266	Silc Dacite-Andesite	< 5	< 0.2	6	< 2	22
EWN	1500073	1.57	021o	537859	5401267	Silc Dacite-Andesite	< 5	< 0.2	9	2	34
EWN	1500074	1.55	021o	537860	5401268	Felsic Volcanic (Dac) +10% silc	< 5	< 0.2	28	< 2	46
EWN	1500075	1.61	021o	537860	5401271	Felsic Volcanic (Dac) +10% silc	< 5	< 0.2	13	< 2	13
EWN	1500076	1.55	018o	537861	5401273	Felsic Volcanic (Dac) +10% silc	< 5	< 0.2	6	< 2	15
EWN	1500077	1.59	018o	537861	5401275	Felsic Volcanic (Dac) +10% silc	< 5	< 0.2	11	3	20
EWN	1500078	1.14	018o	537862	5401277	Felsic Volcanic (Dac) +10% silc	< 5	< 0.2	76	4	76
EWN	1500079	1.53	018o	537862	5401279	Shear-Ank Fel Volc (Dac)	< 5	< 0.2	82	4	77
EWN	1500080	1.73	018o	537862	5401280	Shear-Ank Fel Volc (Dac)	< 5	< 0.2	72	5	106
EWN	1500081	1.60	028o	537854	5401280	Shear-Ank Fel Volc (Dac)	< 5	< 0.2	28	< 2	37
EWN	1500082	1.43	028o	537855	5401282	Silc-Ank(20%) Dac+2%py	< 5	< 0.2	42	5	12
EWN	1500083	1.59	028o	537856	5401284	Silc-Ank(20%) Dac+2%py	< 5	< 0.2	45	2	14
EWN	1500084	1.50	018o	537858	5401287	Silc-Ank(20%) Dac+2%py	< 5	< 0.2	83	3	17
EWN	1500085	1.52	018o	537857	5401288	Silc-Ank(20%) Dac+2%py	< 5	< 0.2	37	6	22
EWN	1500086	1.56	018o	537856	5401289	Silc-Ank(20%) Dac+2%py	17	< 0.2	22	6	90
EWN	1500087	1.36	018o	537855	5401290	Silc-Ank(20%) Dac+2%py	29	< 0.2	8	5	93
EWN	1500088	1.40	018o	537854	5401291	Silc-Ank(20%) Dac+2%py	< 5	< 0.2	20	< 2	80



Figure 8B: 2016 Stripping of the East-Wing Trench – North (side), Alice A / West Zone by NuVision Resources ULC



Legend	
Sample	(15000)68
Channels	69-80
Quartz Vein	QV <span style="color: red;">—</span>
Contact	— — — —

**East Wing Trench – North Side**  
**Turtle Tank Option, Alice A (West)**  
**NuVision Resources ULC**  
**Allen Raoul, PGeo August 2016**

## Other Sampling

After a September 20<sup>th</sup> (of 2016) property visit by Craig Ravnaas, Kenora District Geologist from the Ministry of Northern Development and Mines, several new ideas were drawn about this stripping program. NuVision staff completed a day of (channel) sampling on some of these proposed targets.

The following significant metal assays were located from the extra Main Trench sampling:

- **0.6 gpt Ag & 516ppm Zn /1.04m in altered felsic volcanic**
- **0.8 gpt Ag & 377ppm Zn /1.00m in 7cm QV + altered felsic volcanic**
- **0.9 gpt Ag, 322ppm Cu & 758ppm Zn /1.00m in 7cm QV + altered felsic volcanic**
- **1.4 gpt Ag, 300ppm Cu & 1020ppm Zn /0.90m in 0.9m red QV + altered felsic volcanic**

No significant gold assays were located however, the elevated Ag, Cu & Zn values show that the mineralizing fluids (i.e. quartz) has potential to host metal values.

**Table 11: 2016 Channel samples of the Extra Sampling, Alice A/West Zone by NuVision Resources ULC**

Zone	Sample No.	Length (m)	AZM	Easting	Northing	Rock Type	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm
WW	1500089	1.04	000o	537650	5401252	10cm white QV @ 090o in Basalt	< 5	< 0.2	3	4	92
MT	1500090	1.04	000o	537740	5401300	Ser-Ank-Silc Felsic Volc	< 5	<b>0.6</b>	100	158	<b>516</b>
MT	1500091	1.40	000o	537753	5401245	5cm QV in alt Felsic Volc	< 5	< 0.2	20	20	<b>509</b>
MT	1500092	1.00	310o	537771	5401276	7cm QV in alt felsic volcanic - 25% QV	9	<b>0.8</b>	190	7	<b>377</b>
MT	1500093	1.00	310o	537771	5401276	7cm QV in alt felsic volcanic - 50% QV	14	<b>0.9</b>	<b>322</b>	10	<b>758</b>
MT	1500094	0.94	000o	537768	5401241	95% alt felsic volcanic + 5% QV	10	< 0.2	64	14	43
MT	1500095	1.10	090o	537768	5401241	all altered felsic volcanics	< 5	< 0.2	16	25	98
MT	1500096	1.70	310o	537778	5401264	0.9m basalt & 0.4m red QV in alt felsic volcanic	< 5	< 0.2	33	15	106
MT	1500097	0.90	358o	537771	5401286	0.9m red QV in alt felsic volcanic	6	<b>1.4</b>	<b>300</b>	56	<b>1020</b>
MT	1500098	1.04	080o	537779	5401265	1cm white QV in silc-ank felsic volcanic	< 5	< 0.2	4	9	34
MT	1500099	1.04	080o	537779	5401266	25% red QV in silc-ank felsic volcanic	< 5	< 0.2	5	11	45

## **CONCLUSIONS**

The 2016 trenching and sampling program by NuVision Resources ULC have drawn the following conclusions:

1. A gold bearing zone was confirmed on the Main Trench (former West Trench of Pathfinder Gold) within a red quartz vein within altered felsic volcanics. Parallel channel (A) re-sampling of the 2012 channels yielded 9.37 gpt Au over 3.96m in red quartz vein and altered felsic volcanic. This was confirmed 8m along strike (channel C2) with 1.75 gpt Au over 1.93m in the same red quartz vein.
2. A new gold bearing zone was confirmed on the Main Trench within the very fine white quartz veins in altered felsic volcanics. A new channel (B) yielded 1.32 gpt Au over 4.07m in these fine white quartz vein and altered felsic volcanic.
3. A gold bearing zone was confirmed on the West-Wing Trench within a silicified zone (possibly very fine white quartz veins) in altered felsic volcanics. A new channel (WW) yielded 1.82 gpt Au over 1.07m in this silicified felsic volcanics. This confirms gold mineralization over 160m strike length.
4. The alteration in the West-Wing, Main and East-Wing Trenches demonstrate a Mafic – Felsic – Mafic Volcanic package with carbonate (calcite or ankerite) and/or sericite alteration, striking east-east, with weakly elevated Ag, Cu, Pb & Zn values.
5. Anomalous gold values are located in small east-west, vertical, subzones (0.3m) of plus 50% quartz with 5-10% py-cpy-gal-sph, such as the Alice A and Gold Bug zones, with gold values up to 12 gpt Au, in these highly sheared structures with the northern Mafic Volcanics.
6. Sampling of 2012 “Manion Granite” yielded up to 5 gpt Au in the quartz veins, within this felsic tuff to felsic pyroclastic unit. 2016 stripping and mapping, by this author, has identified this unit as a continuation of the 2a-2b unit. This widens this felsic zone to 90m width (at surface).

## **RECOMMENDATIONS**

The following recommendations are needed to develop the Turtle Tank Option:

1. Infill cut lines @ 100m spacing (76km) to assist with geological mapping, geophysical and geochemical surveys
2. Infill VLF-EM survey (76 km) to outline geological structures, sulphide horizons and focus IP survey efforts
3. Infill IP survey (76 km) to define detailed drill horizons and possible drill locations, for definition drilling
4. Infill SGH survey (76 km) to outline gold, base metal (Cu, Ni, Pb, Zn) and PGE anomalies on the property for drill definition.
5. Drilling 1500m to test the mineralized structures:
  - a) 500m to test the A & B Zones located on the Questor Survey (4 separate VLF-EM horizons).
  - b) 1000m to test the Alice A Zones from 2016 stripping and 2017 geophysical (VLF-EM & IP & Mag) and geochemical surveys (SGH).

**Table 12: Recommendation Budget for the Turtle Tank Option by NuVision Resources ULC**

<b>NuVision Grid Aug 2016/2017 - Turtle Tank Option (Alice A Zone/Old West Trench)</b>								
Claim	land line-km	Cutting & survey cost	Mag & EM	Strip & Channel	SGH	IP	Drilling	Totals
Wing Lines	72.0							
Base Line	5.0						1500m	
Subtotal	77.0	46200	29953	45500	88242	181104	256500	647499
13% HST								84175
10% Contingency								64761
<b>Total</b>							<b>\$ Cdn</b>	<b>796435</b>
<b>Total</b>							<b>\$ US</b>	<b>557505</b>

note 1: for line cutting, have separated each claim to % land vs % water for values (\$600 land & \$200 water)

note 2: for SGH for all - have used line values for land & water (to be submitted for lake sediment later).

line cutting (land) = \$600 cutting & picketing /km

line cutting (lake) = \$200 cutting & picketing /km - claim has \* for water/ice survey lines

mag-em = \$389 line-km & report

map = \$650/km geologist-pro prospector-travel-assays-report

SGH = \$1146/km sampling-assays-report

IP = \$ 2352 line-km with report

Drilling = \$171/m (all-in-costs) with Report

## **BUDGETS**

The following budget was spent on the 2016 stripping program on the Alice A Zone of the Turtle Tank Option:

**Table 13: 2016 Budget for the Turtle Tank Option by NuVision Resources ULC**

<b>NuVision - Turtle Tank Option Stripping - Summer 2016</b>					
	July	August	September	October	Costs
Allen Raoul PGeo, Project Geologist	0	0	0	6411	6411
Bone Field Services - washing & channel sampling	0	2359	735	0	3094
Pat Kakatay - channel helper	0	620	0	0	620
Nor-Ed Geophysics (trail access-upgrade)	0	4803	0	0	4803
Nor-Ed Geophysics (Stripping & Pump)	0	3277	0	0	3277
Action Rental (Channel Saw Purchase & Canadian Customs)	0	3023	0	0	3023
Bliss Cabins (Max Reiter)	0	1600	0	0	1600
Expenses (Max Reiter)	0	258	0	0	258
Actlabs (assays)	0	0	2201	390	2591
UPS (stripping program)	0	44	0	0	44
UPS (printing report)	0	0	0	178	178
<b>Totals</b>					<b>25899</b>

## **REFERENCES**

The following assessment files were located the Kenora District Geologist's Office (MNMD) at 810 Robertson Street, Kenora ON. Additional digital files were located on OGS Earth (MNMD).

**Table 14: Table of References**

<b>File / Reference</b>	<b>Date</b>	<b>Company / Individual</b>
MDC29	1894-99	American Can Gold Mining Co
MDC29	1917	L. Hedburg
MDC29	1969	Kerr Addison Mines
52C15SE C1	1970	Northgate Exploration Ltd
MDC29	1974	R. Pitkanen
52C15SE M1 & M2	1975-76	Hanna Mines
52C15SE Q1	1976	Ed-Vic Exploration
OGS	1980	OGS Airborne Survey (Questor)
52C15SE W1		A.E. Lafreniere
52C16SW8254	1983	J. Redden (Alice A Mag & Map)
52C16SW8255	1985	J. Redden (Mag)
52C16SW8243	1987	J. Redden (VLF-EM & Mag)
52C16SW8244	1988	J. Redden (Geochem)
52C15SE HH1	1988	L. Cousineau
52C16SW8245	1988	Fire River (Alice A map)
52C16SW8246	1989	Fire River (Alice A humus)
MDC29	1989	G. Armstrong
52C15SE LL1	1989	Goldfields Can. Mining Ltd
52C15SE NN1	1990-93	INCO
52C16SW8249	1990	Fire River (Alice A geophysics)
52C16SW8262	1990	Fire River (Alice A trenching)
52C15SE PP1	1993	L. & E. Cousineau
Person. Comm.	1994	C. Kuryliw
Property Visit	1993-94	C. Blackburn & D. Laderoute (OGS)
52C15SE PP2	1995	L. & E. Cousineau
52C15SE PP3	1995	L. & E. Cousineau
52C15SE PP4	1995	L. & R. Cousineau and K. Desjardins
52C15SE PP5	1995	Nuinsco
52C15SE PP5	1995	L. & R. Cousineau (OPAP)
MDC29	2000	Poulsen Property (Summaries)
52C16SW2006	2000	Q-Gold (Alice A drill)
Person. Comm.	2000-09	Q-Gold (with L. Cousineau)
OGS	2009	OGS Airborne Surveys (Aeroquest)
TOR 2.47183	2010	Pathfinder Gold (Sampling & Drilling A-B)
TOR 2.50545	2011	Pathfinder Gold (Mapping)
TOR 2.53488	2012	Pathfinder Gold (Stripping on Alice A)
TOR 2.54663	2013	Pathfinder Gold & TBay Engineering (Drilling on Alice A)

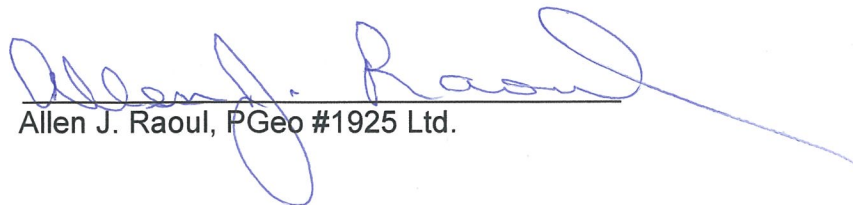
## STATEMENT OF QUALIFICATIONS

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...  
321 Second Street  
Fort Frances, Ontario  
P9A 1M9  
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 October 28th of 2016 for optioning, corporate and assessment purposes.



  
Allen J. Raoul, PGeo #1925 Ltd.

**APPENDICES**

**Appendix A: 2016 Samples Descriptions**

**Appendix B: Actlabs Assay Certificates**



## **Appendix A: 2016 Samples Descriptions**

Turtle Tank - Main Trench / Old (Patherfinder) West Trench											
Zone	Sample No.	Length (m)	AZM	Easting	Northing	Rock Type	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm
Main - A	1500001	2.01	001o	537772	5401271	Felsic Volcanic	< 5	0.2	7	16	132
Main - A	1500002	1.11	001o	537772	5401272	Felsic Volcanic	< 5	< 0.2	8	10	56
Main - A	1500003	1.54	001o	537773	5401272	Felsic Volcanic	< 5	< 0.2	12	6	69
Main - A	1500004	1.53	001o	537773	5401273	Felsic Volcanic	12	< 0.2	14	13	73
Main - A	1500005	1.54	001o	537774	5401274	Felsic Volcanic + 10cm QV	13	< 0.2	11	11	54
Main - A	1500006	1.23	001o	537774	5401275	over 95% QV + 3-5% py-cpy-gal	<b>21,200</b>	<b>3.2</b>	<b>500</b>	<b>116</b>	<b>830</b>
Main - A	1500007	1.04	001o	537774	5401275	over 95% QV + 3-5% py-cpy-gal	<b>10,300</b>	<b>1.2</b>	<b>73</b>	<b>60</b>	<b>216</b>
Main - A	1500008	1.69	001o	537775	5401276	under 5% QV + tr-1%py in fel volc	<b>88</b>	<b>0.2</b>	<b>7</b>	<b>54</b>	<b>124</b>
<b>Zone</b>		<b>3.96</b>					<b>9327</b>	<b>1.4</b>	<b>177</b>	<b>75</b>	<b>367</b>
Main - A	1500009	1.20	001o	537775	5401276	Felsic Volcanic	13	< 0.2	8	19	53
	break					2.3m water hole					
Main - A	1500010	1.79	000o	537774	5401273	Felsic Volcanic	27	< 0.2	13	12	96
Main - A	1500011	1.49	000o	537774	5401274	Felsic Volcanic (1m east of dd TT13-005 - Pathfinder)	< 5	< 0.2	4	8	53
Main - A	1500012	1.55	000o	537775	5401274	Felsic Volcanic	< 5	< 0.2	5	7	68
Main - A	1500013	1.57	000o	537775	5401275	Felsic Volcanic	< 5	< 0.2	2	7	72
Main - A	1500014	1.02	000o	537775	5401276	Felsic Volcanic	< 5	< 0.2	12	9	82
Main - B	1500015	1.57	359o	537757	5401267	Felsic Volcanic	< 5	< 0.2	7	9	59
Main - B	1500016	1.56	359o	537757	5401269	Felsic Volcanic	< 5	< 0.2	4	10	57
Main - B	1500017	1.57	359o	537757	5401270	Felsic Volcanic	< 5	< 0.2	2	8	45
Main - B	1500018	1.57	359o	537757	5401272	Felsic Volcanic	< 5	< 0.2	3	40	80
Main - B	1500019	1.56	359o	537757	5401274	Felsic Volcanic	8	<b>0.9</b>	143	13	<b>430</b>
Main - B	1500020	1.40	359o	537757	5401276	Felsic Volcanic	< 5	< 0.2	3	15	54
Main - B	1500021	1.58	359o	537758	5401278	Felsic Volcanic	< 5	< 0.2	3	6	45
Main - B	1500022	0.94	359o	537758	5401280	Felsic Volcanic	< 5	< 0.2	6	12	59
Main - B	1500023	1.15	359o	537759	5401281	Felsic Volcanic	<b>91</b>	<b>0.2</b>	<b>3</b>	<b>45</b>	<b>85</b>
Main - B	1500024	1.40	020o	537760	5401283	Sheared Felsic Volcanic + 5% quartz vein	<b>5</b>	<b>0.2</b>	<b>9</b>	<b>16</b>	<b>49</b>

Main - B	1500025	1.52	020o	537761	5401285	Felsic Volcanic + 10% white QV	<b>3460</b>	<b>0.5</b>	<b>24</b>	<b>59</b>	<b>114</b>
<b>Zone</b>		<b>4.07</b>					<b>1320</b>	<b>0.3</b>	<b>13</b>	<b>40</b>	<b>83</b>
Main - B	1500026	1.56	020o	537762	5401286	Felsic Volcanic	14	< 0.2	10	11	61
Main - B	1500027	1.63	020o	537761	5401287	Felsic Volcanic	< 5	< 0.2	4	7	66
Main - B	1500028	1.57	020o	537759	5401288	Felsic Volcanic	< 5	< 0.2	2	5	61
Main - B	1500029	1.00	020o	537758	5401289	Felsic Volcanic	< 5	< 0.2	3	6	56
Main - C1	1500030	1.32	018o	537769	5401289	Felsic Volcanic	< 5	0.4	47	46	94
Main - C1	1500031	0.85	018o	537769	5401290	Shr-Ank Basalt	< 5	0.2	34	19	124
Main - C2	1500032	1.59	018o	537768	5401278	Felsic Volcanic	< 5	< 0.2	3	27	60
Main - C2	1500033	1.93	018o	537769	5401281	95% Red QV+5%py-cpy-gal	<b>1750</b>	<b>0.7</b>	<b>223</b>	<b>51</b>	<b>120</b>
Main - C2	1500034	1.53	018o	537769	5401284	Felsic Volcanic	< 5	< 0.2	4	13	53
Main - D	1500035	1.22	002o	537792	5401261	Shear Felsic Volcanic	< 5	< 0.2	3	8	73
Main - D	1500036	1.58	002o	537792	5401262	Shear Felsic Volcanic	< 5	< 0.2	5	12	62
Main - D	1500037	1.37	002o	537792	5401264	Shear Felsic Volcanic	< 5	< 0.2	14	9	90
Main - D	1500038	0.94	002o	537792	5401265	Felsic Volcanic	< 5	< 0.2	11	10	47
Main - D	1500039	1.93	002o	537791	5401267	Felsic Volcanic	< 5	< 0.2	20	8	54
Main - D	1500040	1.75	002o	537790	5401269	Felsic Volcanic	< 5	< 0.2	4	10	52
Main - D	1500041	1.16	002o	537791	5401274	Felsic Volcanic	< 5	< 0.2	3	11	65
Main - D	1500042	1.57	002o	537792	5401273	Felsic Volcanic	< 5	< 0.2	4	8	43
<b>Turtle Tank - 2016 West-Wing Trench</b>											
<b>Zone</b>	<b>No.</b>	<b>(m)</b>	<b>AZM</b>	<b>Easting</b>	<b>Northing</b>	<b>Rock Type</b>					
West-Wing	1500043	1.07	358o	537638	5401308	Shear-Silc Felsic Volcanic + 2% py-cpy	<b>1820</b>	<b>&lt; 0.2</b>	<b>3</b>	<b>9</b>	<b>70</b>
West-Wing	1500044	1.80	358o	537639	5401309	Shear Felsic Volcanic	< 5	< 0.2	9	15	115
West-Wing	1500045	1.54	358o	537640	5401309	Shear Felsic Volcanic	< 5	0.2	7	7	44
West-Wing	1500046	1.59	358o	537641	5401310	Shear Felsic Volcanic	< 5	< 0.2	3	8	23
West-Wing	1500047	1.49	358o	537641	5401311	Shear Felsic Volcanic	< 5	< 0.2	7	6	39
Break						4m of water					
West-Wing	1500048	0.75	000o	537644	5401314	Silc-Ank Basalt + 5% QV	< 5	0.3	23	4	304
West-Wing	1500049	1.54	000o	537643	5401315	Silc-Ank Basalt + 5% QV	< 5	< 0.2	27	6	198
West-Wing	1500050	1.71	000o	537643	5401317	Silc-Ank Basalt + 5% QV	< 5	< 0.2	31	4	90
West-Wing	1500051	1.47	000o	537643	5401319	Silc-Ank Basalt + 5% QV	< 5	0.2	8	< 2	74
West-Wing	1500052	0.75	000o	537642	5401021	Chl-Carb(20%) Basalt	< 5	0.2	34	< 2	86

West-Wing	1500053	1.75	000o	537641	5401022	Chl-Carb(20%) Basalt	< 5	< 0.2	13	< 2	114
<b>Turtle Tank - 2016 East-Wing Trench - South Side</b>											
<b>Zone</b>	<b>No.</b>	<b>(m)</b>	<b>AZM</b>	<b>Easting</b>	<b>Northing</b>	<b>Rock Type</b>					
East-Wing South	1500054	1.04	050o	537846	5401227	Chl Basalt + 5% qtz-chl	< 5	< 0.2	85	< 2	75
East-Wing South	1500055	1.55	050o	537847	5401228	Chl Basalt + 5% qtz-chl	< 5	0.2	77	< 2	69
East-Wing South	1500056	1.58	030o	537848	5401229	Chl Basalt + 5% qtz-chl	< 5	0.2	99	3	59
East-Wing South	1500057	1.58	030o	537848	5401230	Chl Basalt + 5% qtz-chl	< 5	0.2	81	< 2	52
East-Wing South	1500058	1.66	030o	537849	5401230	Chl Basalt + 5% qtz-chl	< 5	< 0.2	69	< 2	44
East-Wing South	1500059	1.60	030o	537849	5401231	Chl Basalt + 5% qtz-chl	< 5	< 0.2	32	< 2	59
East-Wing South	1500060	1.57	030o	537850	5401232	Silc (50%) Basalt+tr-2%py	< 5	< 0.2	48	< 2	65
East-Wing South	1500061	1.60	030o	537850	5401234	Silc (50%) Basalt+tr-2%py	< 5	< 0.2	7	< 2	25
East-Wing South	1500062	1.15	030o	537850	5401235	Silc (50%) Basalt+tr-2%py	< 5	< 0.2	4	< 2	57
Break						2m water					
East-Wing South	1500063	1.18	030o	537851	5401236	Silc-Carb(20%) Basalt	< 5	< 0.2	7	3	11
East-Wing South	1500064	1.40	012o	537851	5401239	Silc-Carb(20%) Basalt	< 5	0.2	16	< 2	20
East-Wing South	1500065	0.64	012o	537852	5401242	Silc-Carb(20%) Basalt	< 5	< 0.2	8	< 2	72
East-Wing South	1500066	1.51	012o	537852	5401244	Silc-Carb(20%) Basalt	< 5	< 0.2	30	< 2	69
East-Wing South	1500067	1.51	012o	537853	5401247	Silc-Carb(20%) Basalt	< 5	< 0.2	37	< 2	78
East-Wing South	1500068	1.20	012o	537853	5401250	Silc-Carb(20%) Basalt	< 5	< 0.2	8	< 2	65
Break				537852	5401259	8m road (GPS on road)					
<b>Turtle Tank - 2016 East-Wing Trench - North Side</b>											
East-Wing North	1500069	1.55	018o	537858	5401262	Silc Dacite-Andesite	< 5	< 0.2	46	6	88
East-Wing North	1500070	1.44	018o	537858	5401263	Silc Dacite-Andesite	< 5	< 0.2	101	< 2	109
East-Wing North	1500071	1.68	018o	537859	5401265	Silc Dacite-Andesite	< 5	< 0.2	47	4	52
East-Wing North	1500072	1.57	018o	537859	5401266	Silc Dacite-Andesite	< 5	< 0.2	6	< 2	22
East-Wing North	1500073	1.57	021o	537859	5401267	Silc Dacite-Andesite	< 5	< 0.2	9	2	34
East-Wing North	1500074	1.55	021o	537860	5401268	Felsic Volcanic (Dac) +10% silc	< 5	< 0.2	28	< 2	46
East-Wing North	1500075	1.61	021o	537860	5401271	Felsic Volcanic (Dac) +10% silc	< 5	< 0.2	13	< 2	13
East-Wing North	1500076	1.55	018o	537861	5401273	Felsic Volcanic (Dac) +10% silc	< 5	< 0.2	6	< 2	15
East-Wing North	1500077	1.59	018o	537861	5401275	Felsic Volcanic (Dac) +10% silc	< 5	< 0.2	11	3	20

East-Wing North	1500078	1.14	018o	537862	5401277	Felsic Volcanic (Dac) +10% silc	< 5	< 0.2	76	4	76
East-Wing North	1500079	1.53	018o	537862	5401279	Shear-Ank Fel Volc (Dac)	< 5	< 0.2	82	4	77
East-Wing North	1500080	1.73	018o	537862	5401280	Shear-Ank Fel Volc (Dac)	< 5	< 0.2	72	5	106
East-Wing North	1500081	1.60	028o	537854	5401280	Shear-Ank Fel Volc (Dac)	< 5	< 0.2	28	< 2	37
East-Wing North	1500082	1.43	028o	537855	5401282	Silc-Ank(20%) Dac+2%py	< 5	< 0.2	42	5	12
East-Wing North	1500083	1.59	028o	537856	5401284	Silc-Ank(20%) Dac+2%py	< 5	< 0.2	45	2	14
East-Wing North	1500084	1.50	018o	537858	5401287	Silc-Ank(20%) Dac+2%py	< 5	< 0.2	83	3	17
East-Wing North	1500085	1.52	018o	537857	5401288	Silc-Ank(20%) Dac+2%py	< 5	< 0.2	37	6	22
East-Wing North	1500086	1.56	018o	537856	5401289	Silc-Ank(20%) Dac+2%py	17	< 0.2	22	6	90
East-Wing North	1500087	1.36	018o	537855	5401290	Silc-Ank(20%) Dac+2%py	29	< 0.2	8	5	93
East-Wing North	1500088	1.40	018o	537854	5401291	Silc-Ank(20%) Dac+2%py	< 5	< 0.2	20	< 2	80

Zone	Sample No.	Length (m)	AZM	Easting	Northing	Rock Type	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm
West-Wing	1500089	1.04	000o	537650	5401252	10cm white QV @ 090o in Basalt	< 5	< 0.2	3	4	92
Main	1500090	1.04	000o	537740	5401300	Ser-Ank-Silc Felsic Volc	< 5	<b>0.6</b>	100	158	<b>516</b>
Main - B	1500091	1.40	000o	537753	5401245	5cm QV in alt Felsic Volc	< 5	< 0.2	20	20	<b>509</b>
Main - C3	1500092	1.00	310o	537771	5401276	7cm QV in alt felsic volcanic - 25% QV	9	<b>0.8</b>	190	7	<b>377</b>
Main - C3	1500093	1.00	310o	537771	5401276	7cm QV in alt felsic volcanic - 50% QV	14	<b>0.9</b>	<b>322</b>	10	<b>758</b>
Main - A	1500094	0.94	000o	537768	5401241	95% alt felsic volcanic + 5% QV	10	< 0.2	64	14	43
Main - A	1500095	1.10	090o	537768	5401241	all altered felsic volcanics	< 5	< 0.2	16	25	98
Main - A	1500096	1.70	310o	537778	5401264	0.9m basalt & 0.4m red QV in alt felsic volcanic	< 5	< 0.2	33	15	106
Main - A	1500097	0.90	358o	537771	5401286	0.9m red QV in alt felsic volcanic	6	<b>1.4</b>	<b>300</b>	56	<b>1020</b>
Main - A	1500098	1.04	080o	537779	5401265	1cm white QV in silc-ank felsic volcanic	< 5	< 0.2	4	9	34
Main - A	1500099	1.04	080o	537779	5401266	25% red QV in silc-ank felsic volcanic	< 5	< 0.2	5	11	45

## **Appendix B: Actlabs Assay Certificates**



**Date Submitted:** 01-Sep-16  
**Invoice No.:** A16-08880  
**Invoice Date:** 14-Sep-16  
**Your Reference:** Cat Key Project

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

**ATTN: Max Reiter**

## CERTIFICATE OF ANALYSIS

84 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Tbay Au - Fire Assay AA (QOP Fire Assay Tbay)

Code 1E3-Tbay Aqua Regia ICP(AQUAGEO)

REPORT      **A16-08880**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

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:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive style with a large, stylized 'E' and 'S'.

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
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Results

Activation Laboratories Ltd.

Report: A16-08880

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
1500049	< 5	< 0.2	< 0.5	27	1170	1	11	6	198	1.88	< 2	< 10	65	< 0.5	< 2	0.30	10	8	5.81	10	2	0.20	49
1500050	< 5	< 0.2	< 0.5	31	1020	< 1	85	4	90	2.62	< 2	< 10	48	< 0.5	< 2	3.90	31	62	6.55	< 10	2	0.19	16
1500051	< 5	0.2	< 0.5	8	913	< 1	87	< 2	74	3.73	< 2	< 10	36	< 0.5	4	4.14	31	87	7.18	10	< 1	0.15	13
1500052	< 5	0.2	< 0.5	34	1040	< 1	76	< 2	86	4.04	< 2	< 10	40	< 0.5	< 2	4.27	32	98	7.16	10	< 1	0.05	12
1500053	< 5	< 0.2	< 0.5	13	741	1	5	< 2	114	1.10	< 2	< 10	57	< 0.5	< 2	1.08	6	5	3.77	< 10	< 1	0.20	42
1500054	< 5	< 0.2	< 0.5	85	939	< 1	49	< 2	75	4.77	4	< 10	15	< 0.5	6	1.91	38	24	7.50	10	< 1	< 0.01	< 10
1500055	< 5	0.2	< 0.5	77	901	< 1	43	< 2	69	4.42	4	< 10	< 10	< 0.5	5	2.59	35	18	7.40	10	< 1	< 0.01	< 10
1500056	< 5	0.2	< 0.5	99	1230	< 1	82	3	59	4.10	< 2	< 10	14	< 0.5	< 2	2.94	34	120	7.24	10	2	< 0.01	< 10
1500057	< 5	0.2	< 0.5	81	971	< 1	102	< 2	52	4.12	< 2	< 10	17	< 0.5	< 2	3.20	36	163	6.70	10	4	< 0.01	< 10
1500058	< 5	< 0.2	< 0.5	69	869	< 1	49	< 2	44	3.73	< 2	< 10	11	< 0.5	6	3.90	32	36	7.18	10	1	< 0.01	< 10
1500059	< 5	< 0.2	< 0.5	32	914	< 1	58	< 2	59	3.78	< 2	< 10	16	< 0.5	< 2	3.78	33	67	7.47	10	1	0.02	< 10
1500060	< 5	< 0.2	< 0.5	48	951	< 1	72	< 2	65	3.86	2	< 10	51	< 0.5	3	3.62	34	138	6.76	10	3	0.09	11
1500061	< 5	< 0.2	< 0.5	7	345	< 1	22	< 2	25	1.51	2	< 10	90	< 0.5	< 2	0.75	16	29	2.24	< 10	< 1	0.21	52
1500062	< 5	< 0.2	< 0.5	4	665	< 1	35	< 2	57	2.78	3	< 10	91	< 0.5	3	1.48	24	48	4.76	< 10	3	0.24	13
1500063	< 5	< 0.2	< 0.5	7	142	< 1	8	3	11	0.83	< 2	< 10	93	< 0.5	< 2	0.49	4	6	0.82	< 10	< 1	0.28	87
1500064	< 5	0.2	< 0.5	16	287	< 1	16	< 2	20	1.37	< 2	< 10	102	< 0.5	< 2	1.32	8	15	1.69	< 10	< 1	0.32	58
1500065	< 5	< 0.2	< 0.5	8	878	< 1	56	< 2	72	4.22	3	< 10	94	< 0.5	< 2	2.87	38	42	7.20	< 10	2	0.28	< 10
1500069	< 5	< 0.2	< 0.5	46	1160	< 1	120	6	88	2.93	< 2	< 10	50	< 0.5	6	3.85	41	113	10.5	< 10	1	0.16	< 10
1500070	< 5	< 0.2	< 0.5	101	1310	< 1	124	< 2	109	3.39	< 2	< 10	48	< 0.5	4	4.21	44	131	10.5	< 10	< 1	0.22	< 10
1500071	< 5	< 0.2	< 0.5	47	990	< 1	44	4	52	1.00	4	< 10	107	< 0.5	< 2	1.61	30	32	3.87	< 10	< 1	0.34	48
1500072	< 5	< 0.2	< 0.5	6	406	< 1	< 1	< 2	22	0.68	< 2	< 10	102	0.7	< 2	0.45	3	2	1.01	< 10	< 1	0.35	71
1500073	< 5	< 0.2	< 0.5	9	477	< 1	< 1	2	34	1.47	< 2	< 10	198	1.1	< 2	0.65	6	< 1	1.19	< 10	< 1	0.75	71
1500074	< 5	< 0.2	< 0.5	28	688	3	19	< 2	46	2.02	< 2	< 10	218	0.9	< 2	2.14	18	33	3.89	< 10	< 1	1.03	46
1500075	< 5	< 0.2	< 0.5	13	347	< 1	< 1	< 2	13	0.72	< 2	< 10	111	< 0.5	< 2	1.02	12	< 1	0.92	< 10	< 1	0.42	69
1500076	< 5	< 0.2	< 0.5	6	310	< 1	< 1	< 2	15	1.12	< 2	< 10	169	0.6	< 2	0.95	4	< 1	0.98	< 10	< 1	0.63	66
1500077	< 5	< 0.2	< 0.5	11	801	< 1	< 1	3	20	0.67	< 2	< 10	130	< 0.5	< 2	0.99	5	< 1	0.98	< 10	< 1	0.39	70
1500078	< 5	< 0.2	< 0.5	76	1370	< 1	103	4	76	1.62	4	< 10	136	< 0.5	3	3.90	34	79	7.50	< 10	1	0.52	17
1500079	< 5	< 0.2	< 0.5	82	1400	< 1	110	4	77	2.70	3	< 10	269	0.6	3	3.97	37	101	7.95	< 10	1	1.11	16
1500080	< 5	< 0.2	< 0.5	72	1120	< 1	89	5	106	2.62	< 2	< 10	83	< 0.5	2	2.99	39	85	7.55	< 10	1	0.32	18
1500081	< 5	< 0.2	< 0.5	28	696	< 1	39	< 2	37	1.97	< 2	< 10	204	0.6	< 2	1.93	20	44	3.98	< 10	< 1	0.79	46
1500082	< 5	< 0.2	< 0.5	42	173	1	< 1	5	12	0.73	< 2	< 10	127	0.6	< 2	0.70	4	1	0.89	< 10	< 1	0.41	76
1500083	< 5	< 0.2	< 0.5	45	385	1	< 1	2	14	1.51	< 2	< 10	230	0.9	< 2	0.78	6	2	1.24	< 10	< 1	0.78	77
1500084	< 5	< 0.2	< 0.5	83	309	2	< 1	3	17	1.09	2	< 10	155	0.6	< 2	0.46	6	1	1.14	< 10	< 1	0.60	51
1500085	< 5	< 0.2	< 0.5	37	305	2	1	6	22	1.91	< 2	12	240	0.9	2	0.53	8	2	1.48	< 10	< 1	1.02	67
1500086	17	< 0.2	< 0.5	22	930	< 1	6	6	90	1.62	< 2	< 10	77	< 0.5	3	1.74	10	8	6.74	< 10	2	0.26	25
1500087	29	< 0.2	< 0.5	8	851	< 1	1	5	93	1.48	3	< 10	86	< 0.5	< 2	1.31	10	< 1	6.72	< 10	2	0.23	18

## Results

## Activation Laboratories Ltd.

Report: A16-08880

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	%	ppm	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	20	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	AR-ICP	FA-GRA
1500001	0.06	0.072	0.002	< 0.01	< 2	< 1	6	0.01	< 20	2	< 2	< 10	< 1	< 10	37	64	
1500002	0.17	0.110	0.002	< 0.01	< 2	< 1	12	0.02	< 20	3	< 2	< 10	< 1	< 10	55	75	
1500003	0.25	0.055	0.021	< 0.01	< 2	1	15	0.05	< 20	2	< 2	< 10	8	< 10	21	51	
1500004	0.29	0.076	0.015	0.01	< 2	2	17	0.05	< 20	3	< 2	< 10	10	< 10	39	69	
1500005	0.23	0.094	0.001	< 0.01	< 2	< 1	17	0.01	< 20	2	< 2	< 10	< 1	< 10	45	70	
1500006	0.04	0.026	< 0.001	0.07	< 2	< 1	3	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	4	11	21.2
1500007	0.02	0.025	< 0.001	0.01	< 2	< 1	2	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	3	11	10.3
1500008	0.23	0.076	< 0.001	< 0.01	< 2	< 1	16	0.01	< 20	3	< 2	< 10	< 1	< 10	47	66	
1500009	0.24	0.088	< 0.001	< 0.01	< 2	< 1	16	0.01	< 20	< 1	< 2	< 10	< 1	< 10	49	73	
1500010	0.19	0.073	0.001	< 0.01	< 2	< 1	7	0.01	< 20	3	< 2	< 10	< 1	< 10	49	69	
1500011	0.19	0.072	0.002	< 0.01	< 2	< 1	7	< 0.01	< 20	2	< 2	< 10	< 1	< 10	45	68	
1500012	0.12	0.075	0.002	< 0.01	< 2	< 1	5	0.01	< 20	3	< 2	< 10	< 1	< 10	44	63	
1500013	0.12	0.074	0.002	< 0.01	< 2	< 1	4	0.01	< 20	< 1	< 2	< 10	< 1	< 10	51	72	
1500014	0.10	0.072	0.003	< 0.01	< 2	< 1	3	0.01	< 20	2	< 2	< 10	1	< 10	49	67	
1500015	0.13	0.107	0.003	< 0.01	< 2	< 1	9	0.02	< 20	2	< 2	< 10	< 1	< 10	43	83	
1500016	0.13	0.125	0.002	< 0.01	< 2	< 1	9	0.02	< 20	< 1	< 2	< 10	< 1	< 10	48	77	
1500017	0.20	0.115	0.001	< 0.01	< 2	< 1	17	0.02	< 20	3	< 2	< 10	< 1	< 10	54	77	
1500018	0.21	0.109	0.001	< 0.01	< 2	< 1	18	0.01	< 20	2	< 2	< 10	< 1	< 10	48	69	
1500019	0.08	0.072	0.002	0.05	< 2	< 1	5	< 0.01	< 20	4	< 2	< 10	< 1	< 10	35	64	
1500020	0.09	0.093	0.002	< 0.01	< 2	< 1	8	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	44	70	
1500021	0.13	0.104	0.002	< 0.01	< 2	< 1	10	0.01	< 20	< 1	< 2	< 10	< 1	< 10	54	66	
1500022	0.22	0.077	0.001	< 0.01	< 2	< 1	22	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	39	63	
1500023	0.20	0.095	0.002	< 0.01	< 2	< 1	15	< 0.01	< 20	4	< 2	< 10	< 1	< 10	48	74	
1500024	0.16	0.082	0.003	< 0.01	< 2	< 1	11	< 0.01	< 20	2	< 2	< 10	< 1	< 10	34	51	
1500025	0.12	0.074	0.004	< 0.01	< 2	< 1	7	< 0.01	< 20	1	< 2	< 10	1	< 10	31	47	
1500026	0.19	0.080	0.002	< 0.01	< 2	< 1	7	0.01	< 20	2	< 2	< 10	< 1	< 10	47	63	
1500027	0.21	0.090	0.002	< 0.01	< 2	< 1	7	0.01	< 20	2	< 2	< 10	< 1	< 10	49	74	
1500028	0.24	0.090	0.001	< 0.01	< 2	< 1	8	0.01	< 20	2	< 2	< 10	< 1	< 10	54	76	
1500029	0.29	0.084	0.001	< 0.01	< 2	< 1	8	0.01	< 20	< 1	< 2	< 10	< 1	< 10	56	72	
1500030	0.20	0.062	0.002	< 0.01	< 2	< 1	7	< 0.01	< 20	1	< 2	< 10	< 1	< 10	49	76	
1500031	0.20	0.069	0.002	0.01	< 2	< 1	9	0.01	< 20	2	< 2	< 10	< 1	< 10	38	79	
1500032	0.15	0.096	0.002	< 0.01	< 2	< 1	11	0.01	< 20	2	< 2	< 10	< 1	< 10	47	53	
1500033	0.04	0.049	0.002	0.02	< 2	< 1	3	< 0.01	< 20	1	< 2	< 10	< 1	< 10	18	32	
1500034	0.19	0.098	0.002	< 0.01	< 2	< 1	10	0.01	< 20	< 1	< 2	< 10	< 1	< 10	43	71	
1500035	0.17	0.111	0.002	< 0.01	< 2	< 1	11	0.02	< 20	2	< 2	< 10	< 1	< 10	47	81	
1500036	0.13	0.060	0.002	< 0.01	< 2	< 1	9	< 0.01	< 20	1	< 2	< 10	< 1	< 10	45	52	
1500037	0.19	0.053	0.002	< 0.01	< 2	< 1	17	< 0.01	< 20	3	< 2	< 10	< 1	< 10	43	51	
1500038	0.12	0.060	0.002	< 0.01	< 2	< 1	9	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	48	61	
1500039	0.16	0.043	0.025	< 0.01	< 2	2	9	0.06	< 20	2	< 2	< 10	10	< 10	38	55	
1500040	0.15	0.047	0.002	< 0.01	< 2	< 1	10	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	41	53	
1500041	0.19	0.056	0.001	< 0.01	< 2	< 1	12	< 0.01	< 20	2	< 2	< 10	< 1	< 10	46	56	
1500042	0.17	0.058	< 0.001	< 0.01	< 2	< 1	11	< 0.01	< 20	2	< 2	< 10	< 1	< 10	54	51	
1500043	0.24	0.035	0.001	< 0.01	< 2	< 1	12	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	48	54	
1500044	0.23	0.029	0.002	< 0.01	< 2	< 1	13	< 0.01	< 20	2	2	< 10	< 1	< 10	45	44	
1500045	0.27	0.025	0.001	< 0.01	< 2	< 1	16	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	43	57	
1500046	0.29	0.024	< 0.001	< 0.01	< 2	< 1	14	< 0.01	< 20	3	< 2	< 10	< 1	< 10	42	62	
1500047	0.33	0.027	< 0.001	< 0.01	< 2	< 1	19	< 0.01	< 20	1	< 2	< 10	< 1	< 10	40	54	
1500048	0.47	0.042	0.014	0.13	< 2	1	9	0.04	< 20	2	< 2	< 10	2	< 10	12	93	

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	%	ppm	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	20	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	AR-ICP	FA-GRA
1500049	0.58	0.040	0.024	0.09	< 2	2	9	0.02	< 20	< 1	< 2	< 10	6	< 10	13	45	
1500050	2.97	0.029	0.099	< 0.01	3	5	66	< 0.01	< 20	2	< 2	< 10	39	< 10	5	7	
1500051	3.66	0.047	0.108	< 0.01	3	11	88	< 0.01	< 20	< 1	< 2	< 10	92	< 10	4	7	
1500052	3.78	0.049	0.103	< 0.01	< 2	19	99	< 0.01	< 20	< 1	2	< 10	131	< 10	4	8	
1500053	0.40	0.054	0.016	< 0.01	< 2	< 1	19	0.04	< 20	< 1	< 2	< 10	5	< 10	13	28	
1500054	4.44	0.041	0.046	< 0.01	3	21	78	0.34	< 20	2	< 2	< 10	177	< 10	10	7	
1500055	3.95	0.047	0.052	< 0.01	4	21	89	0.36	< 20	< 1	< 2	< 10	183	< 10	10	8	
1500056	3.95	0.060	0.044	< 0.01	< 2	24	55	0.34	< 20	< 1	< 2	< 10	203	< 10	10	8	
1500057	4.04	0.056	0.046	< 0.01	< 2	24	49	0.31	< 20	2	< 2	< 10	174	< 10	10	6	
1500058	3.54	0.055	0.053	< 0.01	3	29	48	0.36	< 20	3	< 2	< 10	205	< 10	12	14	
1500059	3.58	0.055	0.059	< 0.01	< 2	29	36	0.36	< 20	2	< 2	< 10	203	< 10	13	16	
1500060	3.46	0.049	0.046	< 0.01	2	17	37	0.29	< 20	< 1	< 2	< 10	134	< 10	14	17	
1500061	1.07	0.084	0.021	< 0.01	< 2	4	10	0.08	< 20	4	< 2	< 10	35	< 10	28	53	
1500062	2.22	0.051	0.064	< 0.01	3	6	16	0.23	< 20	3	< 2	< 10	65	< 10	18	35	
1500063	0.35	0.063	0.007	< 0.01	< 2	< 1	9	0.03	< 20	2	< 2	< 10	3	< 10	60	110	
1500064	0.86	0.067	0.010	< 0.01	< 2	2	15	0.07	< 20	5	< 2	< 10	15	< 10	44	94	
1500065	3.76	0.040	0.049	< 0.01	3	12	28	0.23	< 20	3	< 2	< 10	102	< 10	12	8	
1500069	3.08	0.038	0.093	0.02	3	9	55	< 0.01	< 20	2	< 2	< 10	142	< 10	4	5	
1500070	3.50	0.029	0.078	0.03	3	11	72	< 0.01	< 20	< 1	2	< 10	121	< 10	4	4	
1500071	0.69	0.026	0.033	0.03	< 2	2	28	< 0.01	< 20	< 1	< 2	< 10	33	< 10	18	19	
1500072	0.16	0.043	0.003	< 0.01	< 2	< 1	9	< 0.01	< 20	1	< 2	< 10	3	< 10	37	37	
1500073	0.27	0.118	0.003	< 0.01	< 2	< 1	14	0.01	< 20	3	< 2	< 10	3	< 10	40	49	
1500074	0.70	0.059	0.081	0.04	< 2	7	34	0.08	< 20	< 1	< 2	< 10	46	< 10	25	11	
1500075	0.34	0.051	0.002	< 0.01	< 2	< 1	18	< 0.01	< 20	1	3	< 10	< 1	< 10	33	33	
1500076	0.34	0.076	0.002	< 0.01	< 2	< 1	17	< 0.01	< 20	< 1	< 2	< 10	1	< 10	34	44	
1500077	0.33	0.045	0.003	< 0.01	< 2	< 1	16	< 0.01	< 20	< 1	< 2	< 10	2	< 10	27	36	
1500078	1.64	0.029	0.073	0.06	3	6	69	0.07	< 20	3	< 2	< 10	55	< 10	8	12	
1500079	1.72	0.046	0.073	0.06	2	10	71	0.10	< 20	1	< 2	< 10	90	< 10	8	15	
1500080	2.41	0.041	0.062	0.02	< 2	9	52	< 0.01	< 20	< 1	2	< 10	77	< 10	5	10	
1500081	0.85	0.089	0.022	0.01	< 2	6	31	0.03	< 20	4	< 2	< 10	46	< 10	14	28	
1500082	0.10	0.060	0.003	< 0.01	< 2	< 1	12	< 0.01	< 20	< 1	3	< 10	1	< 10	28	41	
1500083	0.23	0.127	0.005	< 0.01	< 2	< 1	13	0.02	< 20	< 1	< 2	< 10	4	< 10	24	52	
1500084	0.17	0.061	0.003	0.02	< 2	< 1	7	< 0.01	< 20	1	< 2	< 10	9	< 10	26	45	
1500085	0.25	0.115	0.007	0.01	< 2	1	9	0.01	< 20	< 1	< 2	< 10	11	< 10	20	51	
1500086	0.96	0.085	0.113	0.26	< 2	8	34	0.02	< 20	2	< 2	< 10	12	< 10	10	8	
1500087	0.70	0.070	0.117	0.24	< 2	6	22	0.01	< 20	2	3	< 10	5	< 10	8	9	



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
1500074 Dup		< 0.2	< 0.5	27	687	2	19	5	46	2.00	3	< 10	217	0.9	< 2	2.11	20	32	3.86	< 10	< 1	1.02	45
1500083 Orig	< 5																						
1500083 Dup	< 5																						
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
Method Blank																							

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	%	ppm	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	20	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	AR-ICP	FA-GRA
GXR-1 Meas	0.14	0.067	0.050	0.21	83	1	188	< 0.01	< 20	15	< 2	31	76	151	25	14	
GXR-1 Cert	0.217	0.0520	0.0650	0.257	122	1.58	275	0.036	2.44	13.0	0.390	34.9	80.0	164	32.0	38.0	
GXR-4 Meas	1.62	0.140	0.131	1.77	5	7	75	0.14	< 20	5	3	< 10	78	12	11	10	
GXR-4 Cert	1.66	0.564	0.120	1.77	4.80	7.70	221	0.29	22.5	0.970	3.20	6.20	87.0	30.8	14.0	186	
OREAS 203 Meas																	
OREAS 203 Cert																	
OREAS 203 Meas																	
OREAS 203 Cert																	
OREAS 203 Meas																	
OREAS 203 Cert																	
OXN117 Meas																	7.57
OXN117 Cert																	7.679
SdAR-M2 (U.S.G.S.) Meas							3	24	< 20			< 10	20	< 10	20	8	
SdAR-M2 (U.S.G.S.) Cert							4.1	144	14.2			2.53	25.2	2.8	32.7	259	
OxK119 Meas																	3.53
OxK119 Cert																	3.604
OREAS 251 Meas																	
OREAS 251 Cert																	
OREAS 251 Meas																	
OREAS 251 Cert																	
OREAS 251 Meas																	
OREAS 251 Cert																	
1500006 Orig																	20.8
1500006 Dup																	21.7
1500008 Orig	0.23	0.076	< 0.001	< 0.01	< 2	< 1	17	0.01	< 20	3	< 2	< 10	< 1	< 10	47	66	
1500008 Dup	0.23	0.076	< 0.001	< 0.01	< 2	< 1	16	0.01	< 20	2	< 2	< 10	< 1	< 10	47	65	
1500010 Orig																	
1500020 Orig																	
1500020 Dup																	
1500022 Orig	0.22	0.077	0.001	< 0.01	< 2	< 1	22	< 0.01	< 20	2	< 2	< 10	< 1	< 10	39	63	
1500022 Dup	0.22	0.077	0.001	< 0.01	< 2	< 1	22	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	39	63	
1500030 Orig																	
1500030 Dup																	
1500035 Orig	0.17	0.113	0.002	< 0.01	< 2	< 1	11	0.02	< 20	1	< 2	< 10	< 1	< 10	47	79	
1500035 Dup	0.17	0.110	0.002	< 0.01	< 2	< 1	10	0.01	< 20	4	< 2	< 10	< 1	< 10	47	83	
1500045 Orig																	
1500045 Dup																	
1500049 Orig	0.57	0.041	0.024	0.09	< 2	2	9	0.02	< 20	1	< 2	< 10	6	< 10	13	44	
1500049 Dup	0.58	0.040	0.024	0.09	< 2	2	9	0.02	< 20	< 1	< 2	< 10	6	< 10	13	47	
1500050 Orig	2.97	0.029	0.099	< 0.01	3	5	66	< 0.01	< 20	2	< 2	< 10	39	< 10	5	7	
1500050 Split PREP DUP	3.02	0.028	0.099	< 0.01	< 2	5	67	< 0.01	< 20	2	< 2	< 10	40	< 10	5	6	
1500055 Orig																	
1500055 Dup																	
1500065 Orig																	
1500065 Dup																	
1500074 Orig	0.71	0.060	0.081	0.04	< 2	7	35	0.08	< 20	< 1	< 2	< 10	46	< 10	26	9	

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	%	ppm	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	20	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	AR-ICP	FA-GRA
1500074 Dup	0.70	0.058	0.081	0.04	< 2	7	34	0.08	< 20	1	< 2	< 10	45	< 10	25	13	
1500083 Orig																	
1500083 Dup																	
Method Blank																	
Method Blank																	
Method Blank																	
Method Blank																	
Method Blank																	
Method Blank																	
Method Blank	< 0.01	0.011	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank	< 0.01	0.012	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	< 1	< 1	
Method Blank																	< 0.03



**Date Submitted:** 29-Sep-16  
**Invoice No.:** A16-10026  
**Invoice Date:** 07-Oct-16  
**Your Reference:** Cat Key Project

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

**ATTN: Max Reiter**

## CERTIFICATE OF ANALYSIS

15 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Tbay Au - Fire Assay AA (QOP Fire Assay Tbay)

Code 1E3-Tbay Aqua Regia ICP(AQUAGEO)

REPORT      **A16-10026**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

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:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive style with a large, stylized 'E'.

Emmanuel Esemé , Ph.D.  
Quality Control

**ACTIVATION LABORATORIES LTD.**  
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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
1500066	< 5	< 0.2	< 0.5	30	929	< 1	100	< 2	69	4.35	2	< 10	80	< 0.5	4	2.96	40	119	6.92	10	3	0.20	< 10
1500067	< 5	< 0.2	< 0.5	37	934	< 1	134	< 2	78	4.75	< 2	< 10	18	< 0.5	3	3.97	42	298	6.86	10	2	0.02	< 10
1500068	< 5	< 0.2	< 0.5	8	836	< 1	256	< 2	65	4.90	< 2	< 10	32	< 0.5	3	3.30	45	255	5.95	10	3	0.09	< 10
1500088	< 5	< 0.2	< 0.5	20	595	< 1	3	< 2	80	1.04	< 2	< 10	65	< 0.5	< 2	1.00	6	16	5.79	< 10	< 1	0.10	35
1500089	< 5	< 0.2	< 0.5	3	502	< 1	1	4	92	0.38	< 2	< 10	73	< 0.5	< 2	1.16	2	23	1.92	< 10	< 1	0.22	37
1500090	< 5	0.6	4.3	100	360	1	3	158	516	0.75	< 2	< 10	96	< 0.5	4	1.38	2	13	1.32	< 10	< 1	0.43	61
1500091	< 5	< 0.2	3.3	20	198	< 1	1	20	509	0.69	< 2	< 10	150	0.6	< 2	0.30	11	17	1.11	< 10	< 1	0.42	45
1500092	9	0.8	3.6	190	199	1	2	7	377	0.76	< 2	< 10	169	0.7	< 2	0.49	6	17	1.07	< 10	< 1	0.47	54
1500093	14	0.9	7.1	322	211	2	1	10	758	0.65	< 2	< 10	148	0.6	< 2	0.40	7	22	1.24	< 10	< 1	0.41	52
1500094	10	< 0.2	< 0.5	64	246	2	2	14	43	0.47	< 2	< 10	118	0.9	< 2	0.45	12	14	0.95	< 10	< 1	0.31	88
1500095	< 5	< 0.2	< 0.5	16	194	1	1	25	98	0.72	< 2	< 10	132	1.2	< 2	0.40	19	10	0.93	< 10	< 1	0.44	71
1500096	< 5	< 0.2	0.6	33	788	1	40	15	106	0.81	8	< 10	111	0.8	< 2	1.10	23	17	4.34	< 10	< 1	0.52	43
1500097	6	1.4	9.7	300	117	2	2	56	1020	0.22	< 2	< 10	70	< 0.5	4	0.06	6	32	1.04	< 10	< 1	0.14	32
1500098	< 5	< 0.2	< 0.5	4	194	< 1	2	9	34	0.33	< 2	< 10	73	0.5	< 2	0.74	5	12	0.94	< 10	< 1	0.23	68
1500099	< 5	< 0.2	< 0.5	5	251	< 1	1	11	45	0.64	< 2	< 10	116	0.6	2	0.64	4	25	1.19	< 10	< 1	0.40	55

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	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
1500066	4.01	0.047	0.054	< 0.01	2	14	33	0.07	< 20	7	< 2	< 10	121	< 10	7	8
1500067	4.88	0.022	0.036	< 0.01	3	23	40	0.01	< 20	< 1	2	< 10	151	< 10	4	3
1500068	5.44	0.042	0.033	< 0.01	3	10	36	0.01	< 20	2	3	< 10	88	< 10	4	3
1500088	0.64	0.057	0.057	0.05	4	4	19	< 0.01	< 20	2	< 2	< 10	7	< 10	10	9
1500089	0.32	0.068	0.004	< 0.01	< 2	< 1	30	0.01	< 20	< 1	3	< 10	< 1	< 10	16	100
1500090	0.49	0.026	0.003	0.02	< 2	< 1	30	< 0.01	< 20	4	< 2	< 10	2	< 10	23	52
1500091	0.09	0.072	0.002	0.01	< 2	< 1	8	0.01	< 20	< 1	< 2	< 10	< 1	< 10	30	47
1500092	0.10	0.051	0.002	0.02	< 2	< 1	8	< 0.01	< 20	2	< 2	< 10	< 1	< 10	27	51
1500093	0.08	0.042	0.003	0.05	< 2	< 1	7	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	24	44
1500094	0.13	0.057	0.001	< 0.01	< 2	< 1	15	< 0.01	< 20	1	3	< 10	< 1	< 10	35	54
1500095	0.11	0.081	0.001	< 0.01	2	< 1	14	0.01	< 20	< 1	< 2	< 10	< 1	< 10	48	65
1500096	0.68	0.027	0.055	0.01	< 2	2	27	0.08	< 20	3	< 2	< 10	21	< 10	17	15
1500097	0.05	0.043	< 0.001	0.13	< 2	< 1	3	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	13	23
1500098	0.22	0.034	0.003	< 0.01	< 2	< 1	17	< 0.01	< 20	2	< 2	< 10	< 1	< 10	28	40
1500099	0.19	0.052	0.002	< 0.01	< 2	< 1	14	< 0.01	< 20	< 1	3	< 10	< 1	< 10	27	48

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		30.4	2.5	1200	794	14	39	639	667	0.38	400	10	523	0.8	1500	0.79	5	6	23.8	< 10	4	0.03	< 10
GXR-1 Cert		31.0	3.30	1110	852	18.0	41.0	730	760	3.52	427	15.0	750	1.22	1380	0.960	8.20	12.0	23.6	13.8	3.90	0.050	7.50
GXR-4 Meas		3.7	< 0.5	6680	144	306	37	43	67	2.94	104	< 10	83	1.4	17	0.96	15	57	3.25	10	< 1	1.85	56
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	71	1120	2	24	98	125	7.45	231	< 10	1050	0.9	3	0.14	14	85	5.92	20	2	1.20	10
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
OREAS 203 Meas	906																						
OREAS 203 Cert	871.000																						
SdAR-M2 (U.S.G.S.) Meas			5.3	246		13	43	850	804				166	5.0	< 2		14	10		< 10	1		51
SdAR-M2 (U.S.G.S.) Cert			5.1	236.0000		13.3	48.8	808	760				990	6.6	1.05		12.4	49.6		17.6	1.44		46.6
1500094 Orig	12																						
1500094 Dup	7																						
1500097 Orig		1.3	9.6	301	116	2	2	56	1020	0.22	3	< 10	69	< 0.5	6	0.06	6	32	1.03	< 10	< 1	0.13	32
1500097 Dup		1.4	9.8	298	117	2	2	55	1030	0.22	< 2	< 10	72	< 0.5	3	0.06	7	31	1.05	< 10	< 1	0.14	32
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	Mg	Na	P	S	Sb	Sc	Sr	Ti	Th	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	20	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
GXR-1 Meas	0.14	0.068	0.049	0.22	91	1	189	< 0.01	< 20	22	< 2	32	77	152	25	15
GXR-1 Cert	0.217	0.0520	0.0650	0.257	122	1.58	275	0.036	2.44	13.0	0.390	34.9	80.0	164	32.0	38.0
GXR-4 Meas	1.77	0.141	0.137	1.83	5	8	76	0.14	< 20	3	2	< 10	81	14	12	10
GXR-4 Cert	1.66	0.564	0.120	1.77	4.80	7.70	221	0.29	22.5	0.970	3.20	6.20	87.0	30.8	14.0	186
GXR-6 Meas	0.43	0.110	0.038	0.01	6	22	27	< 20	< 1	3	< 10	168	< 10	5	8	
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0	5.30	0.0180	2.20	1.54	186	1.90	14.0	110	
OREAS 203 Meas																
OREAS 203 Cert																
SdAR-M2 (U.S.G.S.) Meas						3	23		< 20			< 10	19	< 10	19	8
SdAR-M2 (U.S.G.S.) Cert						4.1	144		14.2			2.53	25.2	2.8	32.7	259
1500094 Orig																
1500094 Dup																
1500097 Orig	0.04	0.042	< 0.001	0.13	< 2	< 1	3	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	13	23
1500097 Dup	0.05	0.044	< 0.001	0.13	< 2	< 1	3	< 0.01	< 20	< 1	< 2	< 10	< 1	< 10	13	23
Method Blank																
Method Blank	< 0.01	0.010	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 20	< 1	2	< 10	< 1	< 10	< 1	< 1