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Compilation Report & Prospecting Report

On The

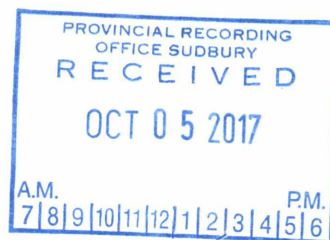
Kenogaming Property

**Porcupine Mining Division
Province of Ontario**

For

**2522962 Ontario Inc
(5SD Capital)**

**1080 Michelano Drive
Timmins Ontario
Canada
P4P 1H9**



2.58241

**J. Kevin Filo, P.Geo
September 30, 2017**

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Figure 1

5SD Capital	
Kenogaming Gold Project General Location Map	
Date: November, 2016	
Name: Kevin Filo	File: ontloc_kenog2016

Introduction and Terms of Reference:

The author was retained by 2522962 Ontario Inc to prepare a compilation and prospecting report on the Kenogaming Property. The purpose of the report is to document recent reconnaissance sampling results; outline the exploration potential of the project and document targets of interest on the property for future exploration. The renewed interest in this prospect was initiated due do significant historical gold values and the recent increase in gold prices. The subject property is comprised of 3 mining claims comprised of 10 claim units covering approximately 160 hectares of prospective land in Kenogaming Township located approximately 60 air km northwest of the city centre of Timmins, Ontario. (Fig.1)

The majority of reference data used in this report was taken from Ontario Geological Survey Reports, assessment file data and data held in the private files of the author.

Results of the prospecting program and compilation are discussed in detail within the following sections of this report and recommendations for evaluation of the higher priority targets are discussed.

Property Description and Location:

Location:

As stated previously the subject property is in Kenogaming Township approximately 60 km southwest of Timmins Ontario. The actual property is adjacent to one of the major lakes in the township easily visible on topographic maps; this lake is shown as Akweskwa Lake on area maps. (Fig. 1 & 2)

Property Status:

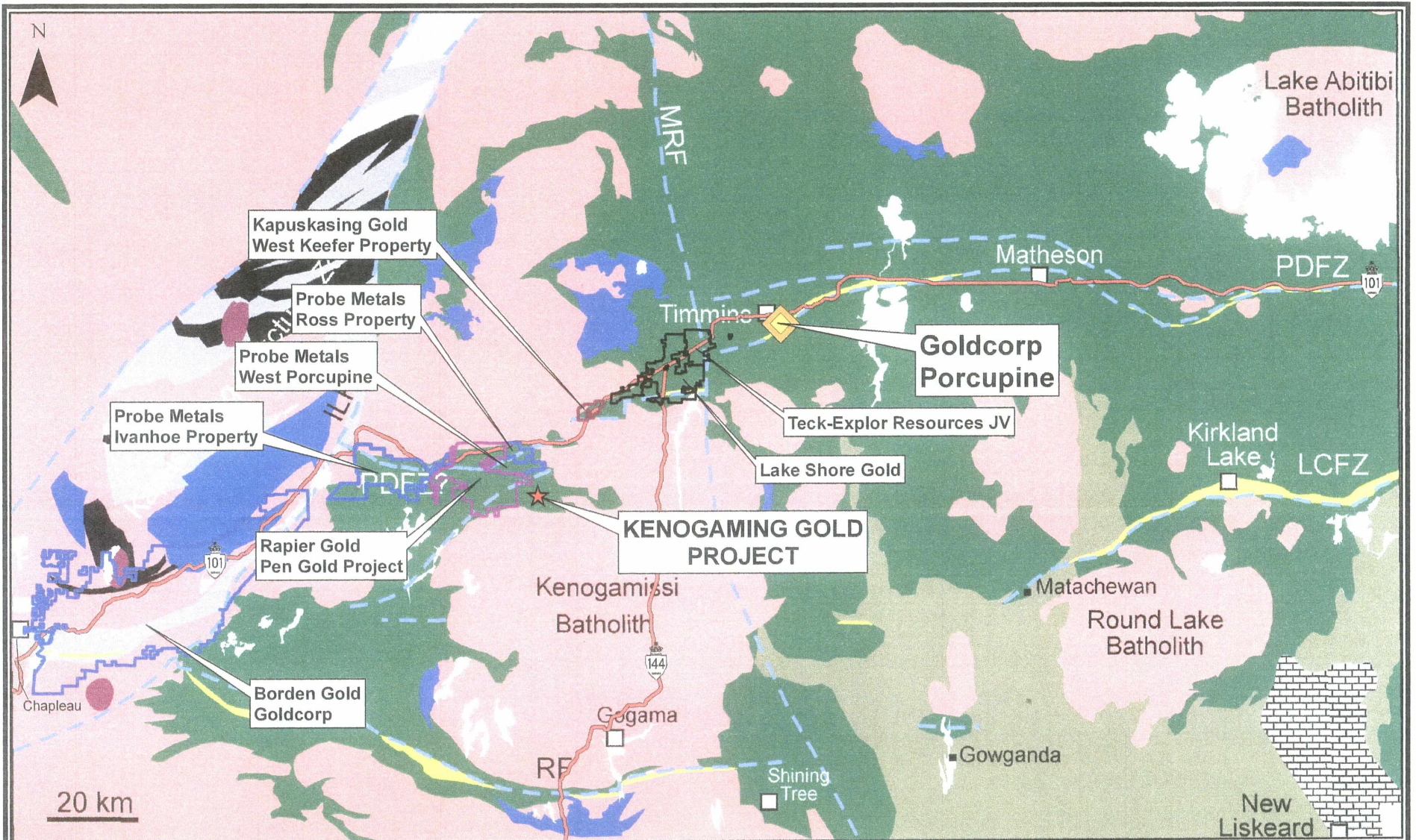
The Kenogaming Property was staked in early November of 2016. The current claim block consists of three staked mining claims (10 units) or approximately 160 hectares. (see Fig.2). Details on the claim block can be seen in the accompanying Table 1.

Table 1 – Claim Listing Nova Property

Claim #	Township	Units	Area (hectares)	Expiry Date
Claim 4280100	Kenogaming	4	64	Nov. 15, 2018
Claim 4280099	Kenogaming	4	64	Nov. 15, 2018
Claim 4280096	Kenogaming	2	32	Nov. 15, 2018

Environmental Considerations and Permitting:

The Kenogaming Property has been explored since the early 1900's. Work on the project has mainly consisted of early stage exploration with some limited diamond drilling. Consequently, historical work to date appears to have had very limited



Paleozoic

Carbonate sediments

Proterozoic

Alkaline complexes

Huronian conglomerates

Archean

Timiskaming sedimentary rocks

Mafic intrusive rocks

Felsic intrusive rocks

Volcanic rocks

Gneiss/amphibolite/migmatite

Major Faults

PDFZ Porcupine-Destor fault zone

LCFZ Larder Lake-Cadillac fault zone

RFZ Ridout fault zone

MRF Mattagami River fault

ILFZ Ivanhoe Lake fault zone



Figure 2

Source: Ontario Geological Survey 2014.
Summary of Field Work and Other Activities 2014;
Open File Report 6300, p. 43-5, Figure 43.2

5SD Capital

**Kenogaming Gold Project
Regional Geology**

Date: November, 2016

Name: Kevin Filo File: location_map-nov2016

environmental impact and disturbances to the environment are considered very minimal.

All mineral exploration work in Ontario requires an exploration permit. Permits for early stage exploration work such as line-cutting, geophysics and diamond drilling can be obtained in a reasonable length of time. Most exploration work requires consultation with First Nations prior to application for a permit. Note, work with little environmental impact such as prospecting and soil sampling does not require any permitting.

Accessibility, Local Resources, Infrastructure, Physiography, and Climate:

The Kenogaming Property is located approximately 60 km southwest of Timmins Ontario in the northeast quadrant of Kenogaming Township, Porcupine Mining Division. (see Figs. 1 and 2.

The project is accessible from Timmins by travelling west along Highway 101 to the Kenogaming Logging Road. The Kenogaming Lumber Road divides into a "Y" at UTM co-ordinate 427874E and 5336722N (Nad 83 Zone 17). At the "Y" point access to the property is via the road extending left; one then proceeds to UTM co-ordinate 429521E and 5332676N where there is an old access trail. This trail allows access to the central portion of current claim 4280100 (approx. 2.7 km) where the main gold occurrence on the property is located.

The Kenogaming Property is proximal to the City of Timmins, an established mining community with expertise in mineral exploration and mining. Various supplies and accommodation can be obtained within the city. The city has milling facilities capable of milling base metal ores and precious metal ores.

The property has topography that is generally flat lying with low to moderate relief. Outcrop ridges and Pleistocene sand and gravel eskers are present on the property. The majority of higher ground on the property is located on the southern half of current claim 4280099 and the east half of claim 4280096. The property also has some low lying swampy areas particularly along the boundary between claims 4280100 and 4280099 where there is a creek flowing into Akweskwa Lake which lies along the east boundary of the property.

The property area has cold winters with well below freezing temperatures (-10 to -40° C) and mild to hot summers typical for this part of northeastern Ontario. Variable snow accumulations up to 1.5 metres and lake ice occur between late October and April.

History:

Exploration in Kenogaming and surrounding townships for minerals has been ongoing since the early 1900's. On the current subject property substantial exploration efforts were initiated with the discovery of gold in 1947; since that time to present day there have been continual but sporadic efforts. An account of the historical work on the current subject property has been modified from a report by Eastmain Resources (Butella, C., 1998) as follows:

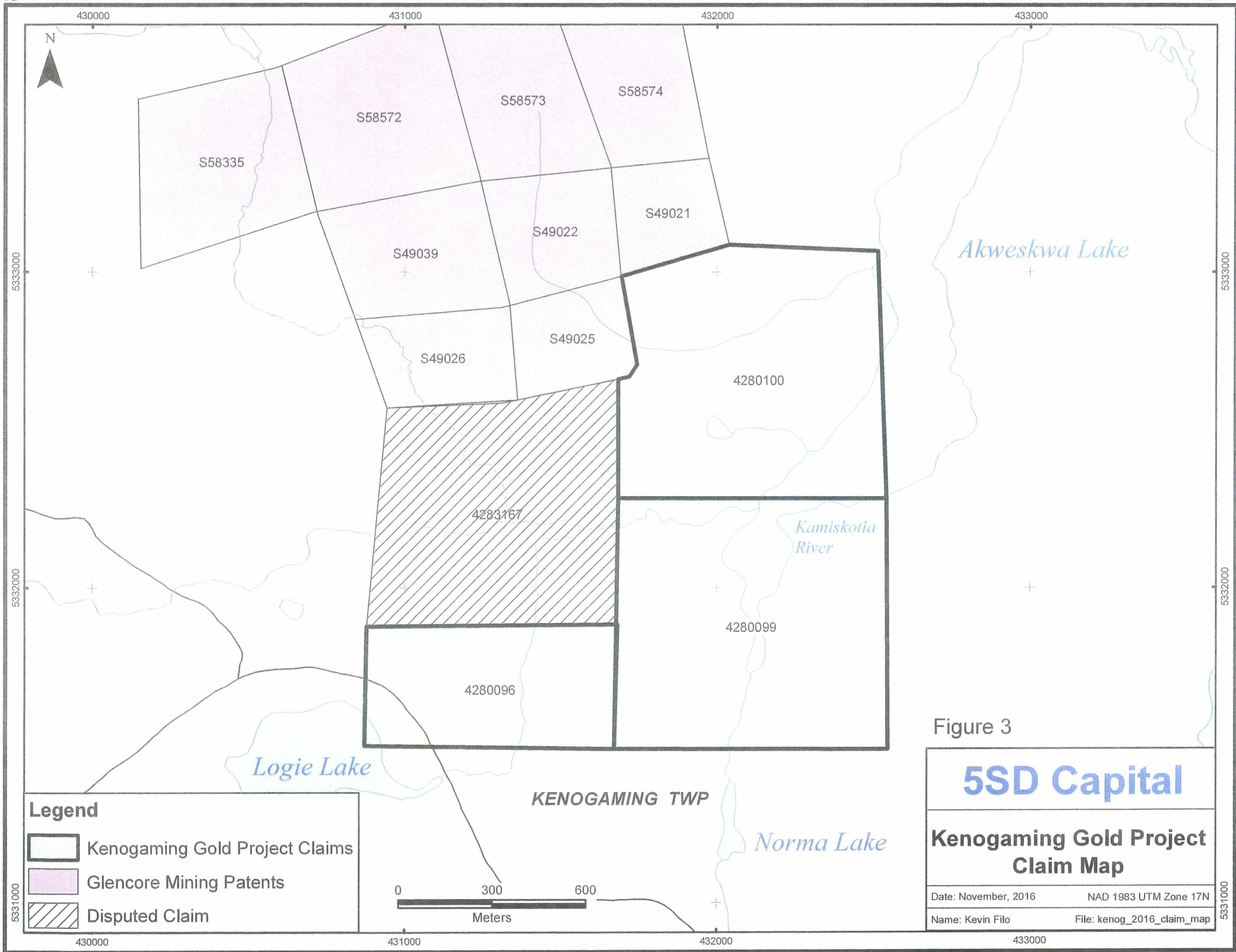


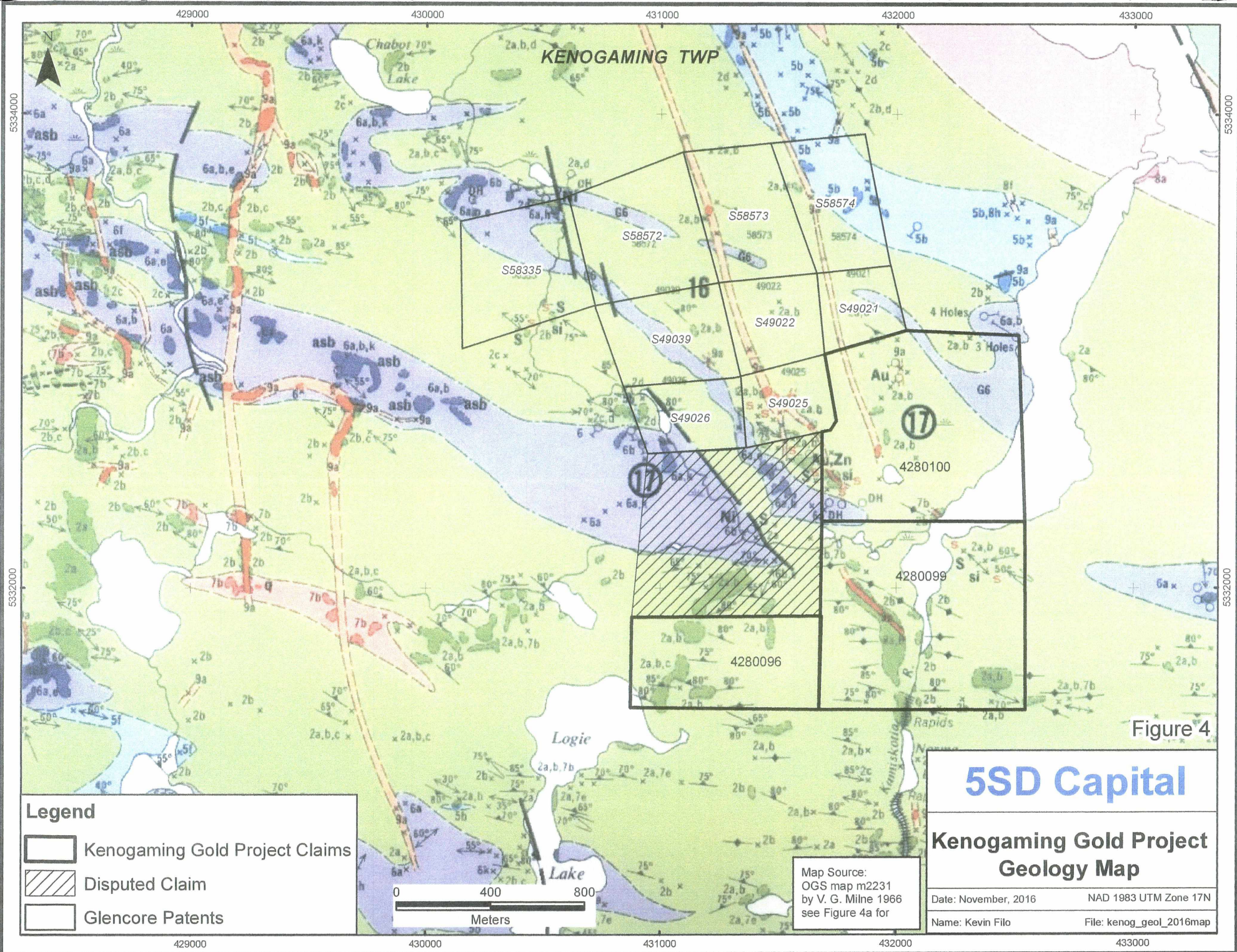
Figure 3

5SD Capital

Kenogaming Gold Project Claim Map

Date: November, 2016 NAD 1983 UTM Zone 17N
 Name: Kevin Filo File: kenog_2016_claim_map

- In 1947 gold was discovered by Hoodoo Lake Mines on a surface gold/zinc occurrence about 25 meters west of the west central boundary of current claim 4280100. In 1951 Hoodoo Lake Mines changed its name to Dunvegan Mines Limited and re-evaluated the property for its zinc potential by extending trenches and deepening them etc. One of the better samples from the surface sampling was reported to have returned 0.24 oz/ton gold over 4 ft. The same sample also assayed 0.2 oz/ton silver and 0.24% zinc.
- In 1952-53 a portion of the current subject property was explored for nickel by Norduna Mines Limited via an option agreement with Dunvegan Mines. A drill hole thought to be west of the current subject property returned 0.88% Ni and 0.157 Cu over 25 ft.
- Johnsmith Mines Limited reportedly drilled three short pack sack holes 1800 feet northwest of the original Hoodoo Lake/Dunvegan occurrence on current claim 4280100 in 1960. Drill hole number 1 returned 0.54 oz/ton gold over 10 feet; gold intersection was reported to have been obtained within a sericitic altered tuff horizon associated with pyrite, chalcopyrite and galena.
- In 1966 Falconbridge Nickel Mines drilled eight holes on the Dunvegan Zone. A few of these holes were drilled along the west boundary of current claim 4280100. One of the better holes F4 intersected 0.08 oz/ton over 3.3 feet.
- International Norvalie Mines drilled three holes into the Johnsmith Zone in 1971. Results from earlier drilling could not be duplicated.
- From 1977 to 1983 several corporations performed ground geophysics on or proximal to the current subject property holdings. These corporations included Canadian John Mansville Company Limited, Texasgulf Limited and Donit Exploration Services. There was no recorded follow up on this ground geophysical work.
- In 1983 Carl Creek Resources and Bearcat Exploration carried out exploration work on the current subject claims and adjoining claims to the west where the original Duvegan trenches were located. Their work consisted of stripping, trenching, mapping and sampling. Their work defined the Dunvegan Zone as a corridor of sheared, sericitized, pyritic tuffs. Surface sampling confirmed gold mineralization in the Dunvegan Zone. MPH consulting on behalf of Carl Creek and Bearcat completed IP surveys and a follow up program of mapping, trenching and sampling over the IP targets. This work suggested that the Dunvegan Zone extended across Akweskwa Lake as a gold bearing surface occurrence in a similar geological environment returned 0.157 oz/ton gold.
- In 1988-1989 Halley Resources completed a program of stripping, trenching and mapping and geophysical surveys on the current subject property. Follow up drilling was completed and a number of significant gold intercepts were noted in the Halley drilling on the Dunvegan Zone. A intercept of note was obtained from hole H88-6 which returned 0.6 oz/ton gold over 6.4 feet.



LEGEND

CENOZOIC

RECENT

Swamps and stream deposits.

PLEISTOCENE

Glacial drift, boulders, gravel, sand.

UNCONFORMITY

PRECAMBRIAN⁶

PROTEROZOIC

LATE MARIC INTRUSIVE ROCKS

- 10 Diabase, unsubsided.
- 10a Olivine diabase (zones 40m-50m).
- 9 Diabase, unsubsided.
- 9a Quartz diabase (zones).
- 9b Porphyritic quartz diabase (zones).

INTRUSIVE CONTACT

ARCHEAN

LATE FELSIC INTRUSIVE ROCKS

- 8 Granitic rocks.
- 8a Biotite-norrbomlede granodiorite.
- 8b Biotite granodiorite with quartz monzonite.
- 8c Xenotinite granodiorite.
- 8d Diorite, hybrid diorite, syenite.
- 8e Muscovite-biotite trondhjemite.
- 8f Aluminosilicate trondhjemite.
- 8g Pegmatite.
- 8h Magnetite.

INTRUSIVE CONTACT

EARLY FELSIC INTRUSIVE ROCKS

- 7 Granitic rocks.
- 7a Biotite-trondhjemite gneiss.
- 7b Feldspar porphyry, quartz-feldspar porphyry.
- 7c Quartz porphyry.
- 7d Hybrid granodiorite gneiss.
- 7e Magnetite.
- 7f Hornblende-olivine-feldspar porphyry.

INTRUSIVE CONTACT

ULTRAMAFIC INTRUSIVE ROCKS

- 6 Unsubsided.
- 6a Grey to green-grey serpentine.
- 6b Dark grey to black serpentine.
- 6c Foamy glass-textured serpentine (chicken track rock).
- 6d Mineralogically layered serpentine.
- 6e Striated serpentine.
- 6f Asbestos-bearing serpentine.
- 6g Chlorite tremolite serpentine.
- 6h Talrose serpentine.
- 6i Rusty carbonated serpentine.

INTRUSIVE CONTACT

EARLY MARIC INTRUSIVE ROCKS

- 5 Unsubsided.
- 5a Tremolite actinolite amphibolite.
- 5b Actinolite-zarblende amphibolite.
- 5c Sheared amphibolite.
- 5d Anorthitic amphibolite.
- 5e Garnet amphibolite.
- 5f Dioritic amphibolite.

INTRUSIVE CONTACT

IRON FORMATION

- 4 Unsubsided.
- 4a Magnetite-iron formation.
- 4b Carbonate-iron formation.
- 4c Amphibole-iron formation.
- 4d Garnet-magnetite amphibolite.
- 4e Chert.
- 4f Pyritic iron-formation.

DIETRITAL METASEDIMENTS

- 3 Unsubsided.
- 3a Graywacke.
- 3b Conglomerate.
- 3c Slate, argillite.
- 3d Quartzite, sericite schist, chlorite schist.
- 3e Sandstone.

FELSIC TO INTERMEDIATE METAVOLCANIC⁸

- 2 Unsubsided.
- 2a Felsic agglomerate, mafic agglomerate, etc.
- 2b Felsic tuff, basic tuff, etc.
- 2c Mafic tuff, mafic tuff.
- 2d Felsic flows.
- 2e Felsic flow breccia.
- 2f Garnet amphibolite.

MARIC TO INTERMEDIATE METAVOLCANIC⁸

- 1 Unsubsided.
- 1a Light coloured chlorite-tremolite metagranites.
- 1b Dark coloured actinolite-hornblende schistose and gneissous metavolcanics.
- 1c Chlorite-metavolcanic schist, perthite-carbonate metavolcanic schist.
- 1d Pillowed metavolcanics.
- 1e Epitaxial metavolcanics.

- breccia.
- Carbonatized rock.
- Sulfidated rock.

- Ag Silver
- asb Arsenic
- Au Gold
- ba Barite
- Cu Copper
- gf Graphite
- Ni Nickel
- Pb Lead
- q Quartz
- S Sulphide mineralization
- si Silica
- Zn Zinc

SYMBOLS

- Great strike.
- Small bedrock outcrop.
- Area of bedrock outcrop.
- Bedding, top indicated by arrow; inclined, vertical, overturned.
- Bedding, top indicated by arrow; inclined, vertical, overturned.
- Bedding, top (arrow) from grain gradation; inclined, vertical, overturned.
- Lava flow top (arrow) from pillows shape and packing.
- Schistosity; (horizontal, inclined, vertical).
- Gneissosity; (horizontal, inclined, vertical).
- Banding; (horizontal, inclined, vertical).
- Lineation with plunge.
- Geological boundary, observed.
- Geological boundary, deduced from geophysics.
- Fault; (observed, assumed). Spot indicates down throw side, arrows indicate horizontal movement.
- Drag folds with plunge.
- Down throw, (vertical, inclined).
- Drift hole; (projected vertically, projected up dip).
- Well, well network, well in field.
- Division unprojected to surface.
- Magnetic attraction.
- Muskeg or swamp.
- Motor road.
- Other road.
- Trail, portage, white road.
- Building.
- District boundary, approximate position only.
- Township boundary or surveyed line with main points, approximate position only.
- Property boundary, approximate position only.
- Clim line, surveyed, approximate position only.
- 14 Location of mining property, surveyed. (See List of Properties).
- Location of mining property, unsurveyed. (See List of Properties).

SOURCES OF INFORMATION

Geology by V. G. Milne and assistants, 1966. Geology is not tied to surveyed lines.

Preliminary maps—P. 419 Penhold Township, P. 455 Kenogaming Township; scale 1 inch to 1/4 mile, issued 1967-68.

Assessment files, Ontario Department of Mines and Northern Affairs.

O.D.M.N.A.-G.S.C. Aeromagnetic Map 2263G.

Cartography by C. A. Harris and assistants, Ontario Department of Mines and Northern Affairs, 1971.

Basemap derived from maps of the Forest Resources Inventory, Ontario Department of Lands and Forests.

Magnetic declination in the area was approximately 8°15'W., 1965.

Figure 4a

5SD Capital

Kenogaming Gold Project
Geological Legend
for Figure 4

Date: November, 2016

Name: Kevin Filo fig4a_geology2016_legend_cdr

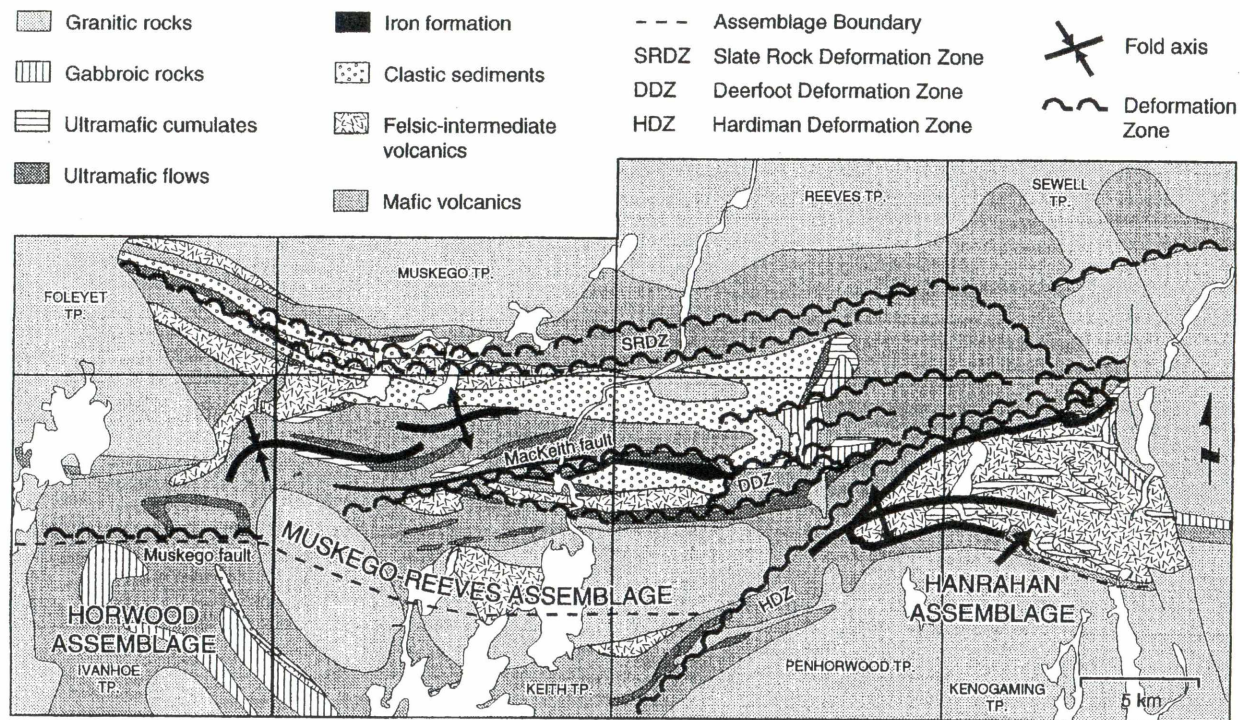


Fig. 5: North Swayze Greenstone Belt Geology Map Adapted from Ayers, J.A. (1995)

- In 1997 Eastmain Resources controlled a large package of land in Kenogaming Township including the current subject property. Eastmain over a period of a few years conducted mapping, sampling, extensive geophysical surveying, and two rounds of diamond drilling. The primary focus of the diamond drilling was to further evaluate the Dunvegan Zone. Eastmain intersected significant gold mineralization during the course of this work including an intercept of 18.6 g/t Au over a meter interval on the current subject property claims.

Regional, Property, and Economic Geology:

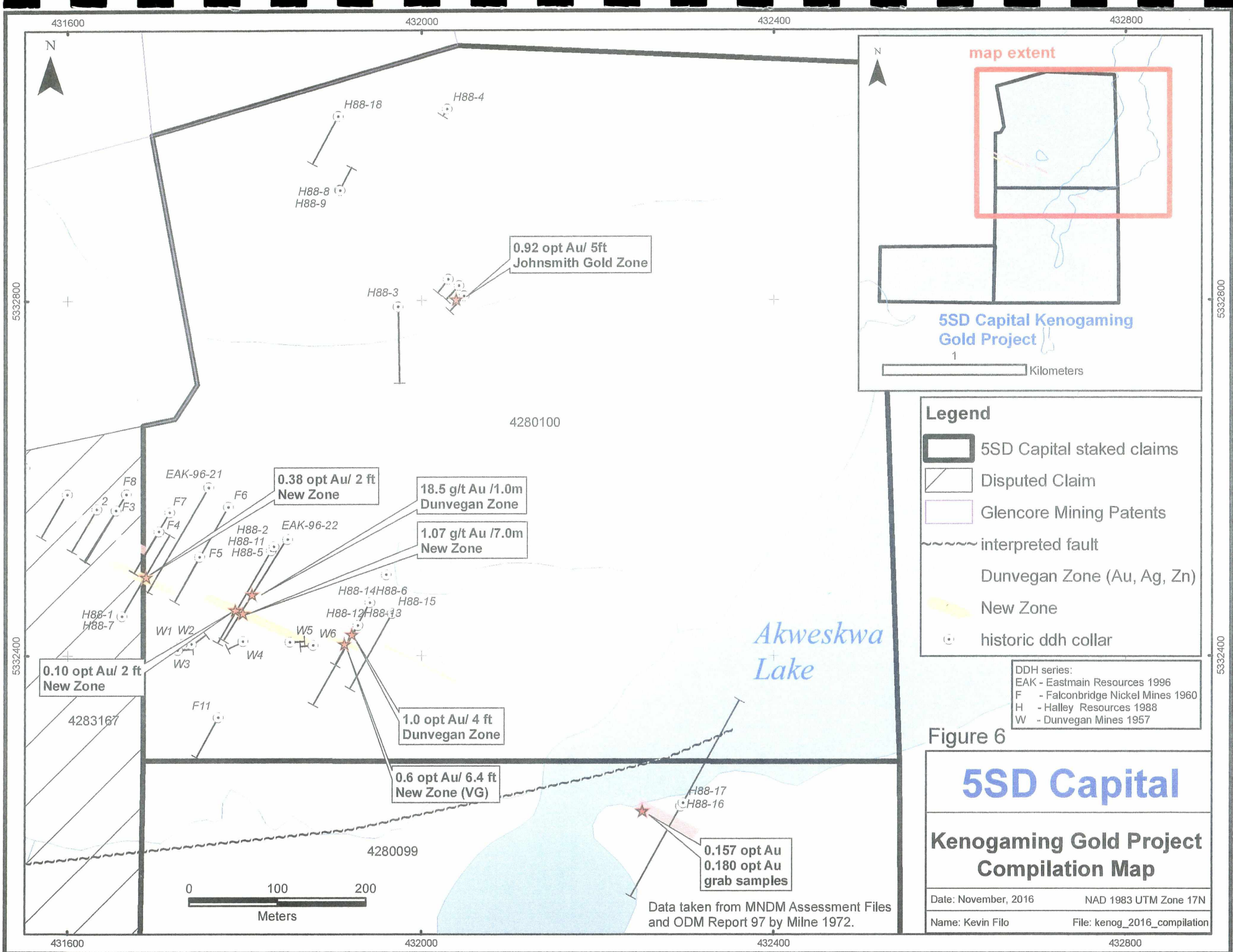
The current subject property was mapped as part of a regional mapping program conducted by the OGS in 1972 (Milne) as shown in accompanying figure 4. A regional mapping program was again conducted in 1997 by OGS under John Ayer; this regional program also covered the property. The current claims were also mapped at a property scale by Eastmain Resources in 1996.

From a regional perspective the property is located within the North Swayze Greenstone Belt (NSGB). According to Ayer (OGS Report 297) the NSGB is located within the western Abitibi Subprovince of the Superior Province. The Abitibi Subprovince is a Neoproterozoic granatoid-greenstone terrane that originated between 2.8 to 2.6 Ga. The NSGB is bounded by the Kapuskasing Structural Zone to the west, the Nat River granatoid complex to the north and Kenogamissi Batholith to the east. A narrow belt of metavolcanics and metasediments stretching around the Kenogamissi Batholith connects the NSGB to the prolific Abitibi Greenstone Belt. These belts are thought to be roughly equivalent in age.

Ayer in OGS Report 297 has broken the stratigraphy of the NSGB into three main geological assemblages; these are the Hanrahan Assemblage (HNA), the Muskego-Reeves Assemblage and the Horwood Assemblage. (see fig. 5) The subject property is located within the HNA which is basically in the southeastern part of the NSGB. The rock units within the HNA are predominantly calc-alkalic intermediate and felsic volcanics. These units have been intruded by numerous gabbroic and ultramafic sills. An extensive but thin unit of iron formation marks the upper boundary of the HNA. A series of major deformation zones cut the NSGB, and there are a number of major fold structures also present as seen in the accompanying fig. 5.

The majority of the exposure on current claims is located on the east side of claim 4280096 and the west side of claim 4280099. Beyond these areas there is significantly less exposure and limited information.

From the Milne's map in figure 4 it can be seen that the bulk of the Kenogaming property is underlain by felsic to intermediate volcanic rocks which have been intruded by ultramafic intrusives. Ayer's map (see OGS Report 297) suggests these ultramafic intrusives are slightly more extensive; this interpretation likely from airborne data. There are a number of large diabase dykes generally trending northwards on the property as well. A few small felsic dyke are also noted; these appear to have a NW orientation.



Legend

- 5SD Capital staked claims
- Disputed Claim
- Glencore Mining Patents
- interpreted fault
- Dunvegan Zone (Au, Ag, Zn)
- New Zone
- historic ddh collar

DDH series:
 EAK - Eastmain Resources 1996
 F - Falconbridge Nickel Mines 1960
 H - Halley Resources 1988
 W - Dunvegan Mines 1957

Figure 6

5SD Capital

Kenogaming Gold Project Compilation Map

Date: November, 2016 NAD 1983 UTM Zone 17N

Name: Kevin Filo File: kenog_2016_compilation

Data taken from MNDM Assessment Files and ODM Report 97 by Milne 1972.

From an economic perspective the main feature on the current subject property is the Dunvegan Zone which is a pyritic, sericitic gold/zinc bearing shear zone striking in a NW direction across the current subject property. There is also a documented gold occurrence in the central portion of 4280100 known as the Johnsmith occurrence. Some potential also exists for nickel mineralization within the ultramafic and gabbroic intrusives on the property. Some documented historical nickel occurrences are present on or near the boundary of the current claims.

More recent assaying on behalf of the 2522962 Ontario Inc returned some anomalous gold assays at best from a series of quartz veins proximal to a granitic intrusive along the south boundary of claim 4280096 (see fig.8)

Conclusions and Recommendations:

The purpose of the recent reconnaissance program was to evaluate other sections of the property for new gold and base metal mineralization outside of known zone. A total of 38 samples were assayed gold, platinum and palladium. A multi element analysis was also completed on these samples. The most interesting result from the recent sampling was some anomalous gold associated with a series of quartz veins proximal to a granitic intrusive along the south boundary of 4280096 shown in figure 8.

Aside from the recent work it is evident that there is still significant gold potential associated with historical zones that have not been fully evaluated. Some consideration should be given to the following recommendations:

- Further prospecting of claims as it was evident from recent work that there are still areas of interest on the claims with mineralization that are not known and or prospected fully.
- Consider further drilling on the Dunvegan Zone to follow up on a Halley drill hole (H88-6) intercept which returned 0.6 oz/ton gold over 6.4 feet. Consideration should also be given to testing the eastern strike extension of the Dunvegan Zone between the Halley hole H88-6 and gold occurrence on the east side of Akweskwa Lake where virtually no drilling has occurred for approximately 400 meters of strike length.
- A re-evaluation of the Johnsmith zone should also be considered. Perhaps some mobile metal ion geochem work could be carried out in this area and if a favourable response is obtained mechanized stripping might be considered.

Respectfully Submitted



J. Kevin Filo, P. Geo

References:

Ayers, J. A., 1995: Precambrian Geology, northern Swayze greenstone belt; Ontario Geological Survey Report 297, 57p.

Bennet, R.A., 1989: Diamond Drilling Report for Halley Resources Inc., Kenogaming Township, Resident Geologist Files, Timmins Ontario.

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Bennet, R.A. 1990: Diamond Drill Log and Assays for Halley Resources Inc., Kenogaming Township, Private Files of Kevin Filo P.Geo., Timmins Ontario.

Butella, C. 1995: Diamond Drilling Report for Eastmain Resources Inc., Akewskwa Project, Kenogaming Township, Resident Geologist Files, Timmins Ontario.

Butella, C. 1996: Diamond Drilling Report for Eastmain Resources Inc., Akewskwa Project, Kenogaming Township, Resident Geologist Files, Timmins Ontario.

Butella, C., 1997: Geological Report for Eastmain Resources Inc., Akewskwa Project, Kenogaming Township, Resident Geologist Files, Timmins Ontario,

Butella, C., 1997: Induced Polarization Report for Eastmain Resources Inc., Akewskwa Project, Kenogaming Township, Resident Geologist Files, Timmins Ontario.

Johnson, I., 1995: Airborne Geophysical Report for Eastmain Resources Inc., Akewskwa Lake Project, Kenogaming Township, Resident Geologist Files, Timmins Ontario.

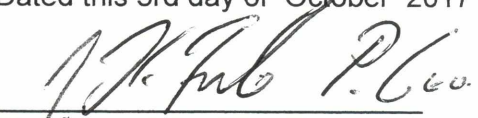
Milne, V.G., 1972, Geology of the Kukatush Sewell Lake Area, District of Sudbury; Ontario Div. Mines, GR97, 116p. Accompanied by Maps 2230, 2231, scale 1 inch to 1/2 mile.

CERTIFICATE OF AUTHOR

I, J. Kevin Filo, P. Geo. do hereby certify that:

1. I am a consultant for 2522962 Ontario Inc.
2. I graduated with an Honours Bachelor of Science Degree in Geology from Laurentian University in Sudbury in 1980.
3. I am a member of the Association of Professional Geologists of Ontario (Reg. No. 0220).
4. I have worked as a geologist for a total of 36 years since my graduation from university.
5. I am responsible for an non- independent review of the current subject report.
6. I am not aware of any material fact or material change with respect to the subject matter of the report that is not reflected in the report, the omission to disclose which make the report misleading.
7. I am not independent of 2522962 Ontario Inc. I presently control a number of shares in 2522962 Ontario Inc.

Dated this 3rd day of October 2017



Signature of Qualified Person

Appendices

Appendix 1
Sample Descriptions of Rock Samples from Recent Prospecting
and
UTM Location Points for Each Sample Location

Daily Log for Kenogaming Prospecting (Work by Kevin Filo and Iain Martin)

July 25/17

- Left home at 7 am and arrived at end of sand road access point at approximately 8:15 am.
- From 8:15 to approximately 9 pm time spent traversing trail to access actual claim block.
- From 9 to about 10:30 am time spent traversing to exposures where samples taken (Samples 1 and samples 2-4). In these areas time spent working with grub hoe to expose some rock and select reasonable samples. Samples bagged, stored and UTM co-ordinates noted.
- From about 10:30 to 11:00 traversed NW trending trail from area where samples 2-4 taken to west boundary of claim block to check for rock exposure. No rock noted and no samples taken.
- From approximately 11:00 to 12:30 time spent traversing northwards to north claim line boundary. Prospecting conducted along trail and along claim line both east and west on claim line. Only one exposure noted along a cliff face where sample designated #5 on map was taken. Time was spent examining cliff face and general area for a historical pit. No pit was found.
- From about 12:30 to 1:00 lunch break.
- From 1:00 clock to 2:15 traversed back from location sample #5 was taken on map to intersect a road heading westwards to Akweskwa Lake. Examined rock exposure at lake and no samples taken as no mineralization of interest observed. A drill hole casing was observed on way out and this was noted on map.
- At 2:15 to 3:00 traversed back to truck from property and returned to Timmins. Arrived at approximately 4:00

Aug 1/17

- Left home at 7 am and arrived in general vicinity of south boundary of claim 4280096 at about 8:15. Searched for a short while for actual claim line till about 8:30
- Traversed west a short distance along claim noted interesting exposure with numerous quartz veins and local mineralization. Decision made to spend day sampling prospecting what was thought to be a fairly significant exposure of veins and mineralization.
- From about 8:30 to about 9:00 time was spent doing reconnaissance looking at various veins.
- From 9:00 to 12 noon time spent with grub hoe exposing rock under root mat and breaking rock looking for samples of interest.
- Lunch break taken from about 12 noon to about 12:30 had lunch.
- From 12:30 to about 2:15, collected 31 samples, and recorded GPS co-ordinates and made some notes on exposure extent and orientation of veins.
- At 2:15 packed up equipment and samples and arrived at truck at 2:30 approximately.
- Drove back to Timmins and arrived at home at about 3:45.

Sample No 4522101

This is a very dense rock sample. The weathered surface is has a tan to light brown weathered color. The unit is thought to be a medium to fine grained mafic intrusive? It is a grey color on the fresh surface and contains minor pyrite. The sample is broken along fracture planes which are oxidized and orange in color. This unit difficult to scratch with knife, relatively hard and sample is non magnetic.

Sample No 4522102

This unit is hard and difficult to scratch. It has a bleached weathered surface and oxidized fracture planes. It is medium grained and thought to be a gabbroic intrusive. The fresh surface of the sample is grey in color. The sample is made up predominantly of ferro mag minerals and plagioclase. There are some larger plagioclase phenocrysts noted. Minor pyrite noted, approximately 1/2%. The unit is strongly magnetic and there is no obvious alteration noted.

Sample No 4522103

Again a very hard unit and difficult to scratch. The sample has a bleached weathered surface and a grey fresh surface. The unit is medium grained and thought to be a gabbroic intrusive unit. The unit appears to be principally made up of ferro mag minerals and plagioclase. Again minor pyrite. Unit is strongly magnetic and no obvious alteration observed. Likely same unit as seen in sample 4522102 above.

Sample No 4522104

This sample is fine grained to aphanitic and has a "sugary" texture on the fresh surface. The weathered surface of the sample is bleached and the fresh surface grey in color. It is thought to be an intermediate to felsic volcanic. Some oxidized fracture planes were noted in this sample and it is very hard and near impossible to scratch with a knife. There was no significant veining, mineralization, or alteration observed in the sample. The unit is non magnetic.

Sample No 4522105

This sample is an intermediate to felsic volcanic. It is very fine grained and has a "sugary" texture on the fresh surface. The fresh surface is grey in color and light grey to tan colored weathered surface. A minor quartz stringer was observed in the sample. The unit is extremely hard, non magnetic and no alteration was observed. There was some very weak shear fabric noted in the sample. Some oxidized fracture planes were also observed. No significant mineralization was noted.

Sample No 4522106

Sample thought to be an intermediate to felsic volcanic. It has a bleached weathered surface. It has a fine grained to aphanitic light grey colored fresh surface and sample appears siliceous. Some oxidized fracture planes observed. There is minor pyrite noted, estimate of less than 1/2%. There in no veining noted and the unit is non magnetic.

Sample No 4522107

Again this sample is likely an intermediate to felsic volcanic unit. It is extremely hard and has a bleached weathered surface. It is fine grained to aphanitic and light grey in color on the fresh surface. The sample appears somewhat silicified. Numerous oxidized

fracture planes noted. A minor quartz stringer observed but no significant mineralization noted. The unit is non magnetic.

Sample No 4522108

This sample is an intermediate to felsic volcanic. Some gossan noted on weathered surface. Fresh surface is fine grained and light grey in color. Approximately 1-2% fine disseminated pyrite noted and possible fleck of chalcopyrite? Sample is non magnetic and unaltered. No veining of any sort observed. The unit is of moderate hardness and it is non magnetic.

Sample No 4522109

Again this sample is an intermediate to felsic volcanic. It has a tan color on the fresh weathered surface. It is fine grained on fresh surface and light grey in color. A weak shear fabric is evident in the sample. No significant veining or mineralization of any sort observed. Unit is non magnetic and of moderate hardness as it can be scratched with a knife.

Sample No 4522110

This is a sample of granitic intrusive. It has an oxidized weathered surface. The fresh surface is medium to fine grained. The sample is made up quartz, plagioclase, K-spar and some minor mica. The sample contained 1-2% cubic pyrite. The sample was considered to be of moderate hardness. No significant alteration, veining or fabric was noted in sample. The sample was non magnetic.

Sample No 4522111

This sample is again a granitic intrusive. Grey to pinkish weathered and fresh surface. It is medium grained and made up quartz, plagioclase, K-spar and minor mica. A trace of pyrite noted at best. The unit is fairly hard and difficult to scratch with a knife. The unit is non magnetic. No veining or fabric noted.

Sample No 4522112

This is a sample of intermediate to felsic volcanic; it has a tan weathered surface and a grey fine grained fresh surface. Minor pyrite, less than 1/2% noted. Sample exhibits a distinct shistose fabric. The unit is of moderate hardness as it can be scratched with a knife with a little effort. Unit has a weak magnetic response and some brown oxidation observed on a shear plane in sample.

Sample No 4522113

This is a sample of white quartz vein that is aphanitic. No significant mineralization was noted. The quartz sample was extremely hard and non magnetic. Some very rare sections in sample of smoky grey quartz noted.

Sample No 4522114

This is a sample of intermediate to felsic volcanic that is fine grained and light of the fresh surface. A trace of pyrite noted and a rare minor quartz stringer or two observed. Some minor oxidation noted on weathered surface. Also some oxidation present on occasional shear plane and/or joint plane observed in sample. The sample is hard and difficult to scratch with a knife. There is no magnetic response.

Sample No 4522115

This is a sample of intermediate to felsic volcanic. It has a shistose fabric present and it is a dark grey color on fresh surface. The fresh surface of the sample is very fine grained. It can be scratched with a knife and is moderate to soft in hardness. A rare quartz clot noted in sample. The sample is non magnetic and no significant mineralization was observed. Some brown oxidation was observed on a shear plane in sample.

Sample No 4522116

Sample of quartz vein and wall rock (20:80 respectively). The quartz vein material is white hard and aphanitic with no mineralization. The wall rock material is an intermediate to felsic volcanic that is light grey in color on the fresh surface and fine grained.. No mineralization was noted in the volcanic and it was considered of moderate hardness. This sample had no magnetic response.

Sample No 4522117

This is a sample of intermediate to felsic volcanic. It has a tan weathered surface and a light grey fine grained fresh surface. Trace of pyrite noted in sample and a few quartz clots. The unit is non magnetic. The sample is of moderate hardness and it can be scratched with a knife.

Sample No 4522118

Again a sample of intermediate to felsic volcanic. Grey weathered surface and light grey fine grained fresh surface. There is a trace of pyrite. The unit is hard and locally magnetic. A small stringer of quartz noted and associated with some K-spar. Some brown gossan noted on a shear plane in sample.

Sample No 4522119

This sample is mainly quartz vein, and minor wall rock on vein salvage (intermediate to felsic volcanic). Note, some K-spar associated with the vein. No significant mineralization was observed. Quartz vein is a "bull white" quartz vein with some minor sections of smoky grey quartz. Quartz aphanitic and extremely hard. This sample is non magnetic.

Sample No 4522120

Again a sample of intermediate to felsic volcanic. There is a fine grained grey fresh surface. The unit is of moderate hardness. Some K spar clots stringers observed in sample. The sample is non magnetic and no significant mineralization was noted. No quartz stringers or veins noted. A few minor slip planes were observed in the sample.

Sample No 4522121

Sample of intermediate to felsic volcanic that is grey in color on fresh surface and tan colored on weathered surface. Some oxidation on weathered surface. The sample has shistose fabric present. A small quartz stringer noted parallel to fabric. The unit is fine grained and non magnetic. The unit can be scratched with a knife but considered to be of moderate hardness. No significant mineralization was observed.

Sample No 4522122

Sample of intermediate to felsic volcanic. This sample also has a schistose fabric associated with a slip plane. Fresh surface fine grained and of moderate hardness and can be scratched with knife. Unit is non magnetic and no significant mineralization was observed. A rare quartz clot or two noted.

Sample No 4522123

Again a sample of felsic to intermediate volcanic with a tan to buff colored weathered surface. The unit is fine grained and of moderate hardness and fresh surface is a light grey color. No significant mineralization observed. Sample is non magnetic. A few quartz clots observed in sample. Unit has a weak fabric present.

Sample No 4522124

Intermediate to felsic volcanic sample. Sample is fine grained and light grey in color on fresh surface. Unit is grey colored on weathered surface. The unit is very hard and a trace of pyrite noted in sample. A rare quartz stringer was observed. The sample is non magnetic.

Sample No 4522125

Sample comprised of quartz vein and intermediate to felsic volcanic with a 35:65 proportion respectively. Some K-spar in wall rock proximal to vein. Volcanic is moderate to soft in hardness proximal to vein and it is fine grained. Quartz vein is white aphanitic and hard. No significant mineralization was observed in this sample and the sample is non magnetic.

Sample No 4522126

Again a sample of quartz vein and wall rock in a 40:60 proportion respectively. The quartz vein is white, hard, and aphanitic. No significant mineralization was observed in the quartz vein. The wall rock is intermediate to felsic volcanic in composition. It is fine grained and light grey in color on the fresh surface. Both quartz and wall rock are very hard. No mineralization noted in wall rock and sample is non magnetic.

Sample No 4522127

This is a sample of quartz vein. It is a white colored, hard, aphanitic quartz vein with no significant mineralization present. A slip plane is present along one side of the sample with some oxidation. This sample is non magnetic.

Sample No 4522128

Again a sample of quartz vein. This sample is hard and aphanitic. No significant mineralization noted in sample. The sample is non magnetic. Some minor sections with smoky grey quartz in sample (rare).

Sample No 4522129

This is a sample of white quartz. It is hard and aphanitic. No sulphide was observed and the sample is non magnetic.

Sample No 4522130

Again a sample of white quartz. The sample is white in color, aphanitic and hard. Sample is non magnetic. Some clots of K-spar are present within the quartz.

Sample No 4522131

This is a sample of intermediate to felsic volcanic with a tan colored weathered surface. The sample has a moderate shear fabric within it. Fresh surface is fine grained and grey in color. No significant veining or sulphide mineralization noted. It is moderate to soft with respect to hardness.

Sample No 4522132

This sample is mainly quartz vein material with substantial wall rock at a ratio of about 65:35 respectively. The wall rock is volcanic and it is intermediate to felsic in composition. The volcanic is grey and fine grained on fresh surface. Some shear fabric noted in wall rock of vein. Some minor K-spar observed in wall rock on in vein salvage. The quartz is white in color, hard and aphanitic. The entire sample has no magnetic response and a trace of pyrite at best was observed in sample.

Sample No 4522133

This sample is mainly quartz and some volcanic wall rock. The ratio of quartz to wall rock in the sample is about 80:20 respectfully. The wall rock is an altered chloritic volcanic (intermediate composition?) that is soft. Wall rock of vein has some very minor pyrite. The quartz is both smoky grey and white in color, hard and aphanitic. This sample does not respond to a magnet.

Sample No 4522134

This is a sample of quartz vein that is both smoky grey and white in color. The quartz is aphanitic and hard. On the salvage of vein some minor volcanic wall rock; less than 10% of sample; this wall rock material is soft and chloritic. Some slip planes noted on edges of sample. No significant mineralization of any sort noted and sample is magnetic.

Sample No 4522135

This is sample of intermediate to felsic volcanic rock with a light brown weathered surface that appears slightly oxidized. There is a light grey fine grained fresh surface and a weak shear fabric is evident in the sample. This fabric in association with a distinct shear plane within sample. A trace of pyrite noted and some quartz stringers present within and parallel to shear fabric. The sample is weakly magnetic. and it is of moderate hardness as it can be scratched with a knife with effort.

Sample No 4522136

A sample of volcanic rock that is intermediate to felsic in composition. The sample has a schistose fabric. The sample is light grey, and very fine grained on the fresh surface and is of moderate hardness on one side of a 3cm quartz vein that divides the sample. The vein parallels fabric. On the other side of quartz vein the volcanic is more fine grained opposed to very fine grained. Some minor pyrite noted locally in vein and wall rock but overall less than 1/2% total. The volcanic is of moderate hardness and can be scratched with a knife with some effort. The sample is non magnetic.

Sample No 4522137

This is a sample of quartz vein. It is white in color, hard and vein has a sugary texture. No significant mineralization was noted. There is a slip plane with gossan on salvage of vein. The sample is not magnetic.

Sample No 4522138

This is a sample of granitic intrusive that is a greyish pink color on fresh surface. It is medium grained and it is made of quartz, plagioclase and K-spar and minor mica. There was a trace of pyrite noted. The sample is medium grained, hard, and non magnetic. Some brown gossan noted on slip plane in sample. No significant veining or alteration noted in sample.

Sample No on Assay Sheets	Easting	Northing	Report Map Fig. Number	Map Plot Sample #
4522101	431920	5332642	Figure 7	1
4522102	431966	5332786	Figure 7	2
4522103	431966	5332786	Figure 7	2
4522104	431951	5332785	Figure 7	3
4522105	431951	5332785	Figure 7	3
4522106	431992	5332796	Figure 7	4
4522107	432001	5333078	Figure 7	5
4522108	431101	5331495	Figure 8	6
4522109	431135	5331490	Figure 8	7
4522110	431158	5331490	Figure 8	8
4522111	431172	5331498	Figure 8	9
4522112	431169	5331510	Figure 8	Area A
4522113	431180	5331525	Figure 8	Area A
4522114	431180	5331525	Figure 8	Area A
4522115	431178	5331526	Figure 8	Area A
4522116	431178	5331526	Figure 8	Area A
4522117	431170	5331524	Figure 8	Area A
4522118	431170	5331524	Figure 8	Area A
4522119	433173	5331516	Figure 8	Area A
4522120	433173	5331516	Figure 8	Area A
4522121	431175	5331524	Figure 8	Area A
4522122	431175	5331524	Figure 8	Area A
4522123	433172	5331518	Figure 8	Area A
4522124	431190	5331555	Figure 8	10
4522125	431202	5331588	Figure 8	11
4522126	431202	5331588	Figure 8	11
4522127	431202	5331548	Figure 8	12
4522128	431202	5331526	Figure 8	13
4522129	431202	5331526	Figure 8	13
4522130	431202	5331526	Figure 8	13
4522131	431202	5331526	Figure 8	13
4522132	431191	5331526	Figure 8	14
4522133	431182	5331520	Figure 8	15
4522134	431182	5331520	Figure 8	15
4522135	431182	5331520	Figure 8	15
4522136	431182	5331520	Figure 8	15
4522137	431182	5331520	Figure 8	15
4522138	431168	5331492	Figure 8	16

Note: Samples in Nad 83 Zone 17

Appendix 2: Assay Sheets from Recent Prospecting



Date Submitted: 03-Aug-17
Invoice No.: A17-08222
Invoice Date: 25-Aug-17
Your Reference: Kenogaming

2522962 Ontario Inc.
1080 Machelano
Timmins Ontario
Canada

ATTN: Kevin Filo

CERTIFICATE OF ANALYSIS

7 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1C-OES Fire Assay ICPOES

REPORT A17-08222

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Notes:

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written in a cursive, somewhat stylized font.

Emmanuel Esemé, Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Pd	Pt	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg
Unit Symbol	ppb	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm
Lower Limit	2	5	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1
Method Code	FA-ICP	FA-ICP	FA-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
4522101	2	< 5	< 5	< 0.2	< 0.5	143	404	< 1	221	< 2	46	1.74	< 2	< 10	37	< 0.5	< 2	1.35	34	218	4.84	< 10	< 1
4522102	3	11	9	< 0.2	< 0.5	125	438	< 1	26	< 2	47	3.86	< 2	< 10	47	< 0.5	< 2	2.22	20	34	4.99	10	< 1
4522103	3	12	11	< 0.2	< 0.5	163	431	< 1	17	< 2	54	4.40	3	< 10	41	< 0.5	< 2	2.90	21	14	5.64	10	< 1
4522104	< 2	< 5	< 5	< 0.2	< 0.5	27	450	< 1	58	< 2	38	2.56	< 2	< 10	44	< 0.5	< 2	0.61	21	79	4.32	< 10	< 1
4522105	< 2	< 5	< 5	< 0.2	< 0.5	20	413	< 1	61	< 2	42	2.61	< 2	< 10	55	< 0.5	< 2	0.70	22	69	4.32	10	< 1
4522106	< 2	< 5	< 5	< 0.2	< 0.5	12	355	< 1	55	< 2	37	2.56	< 2	< 10	50	< 0.5	< 2	1.04	18	39	3.32	< 10	< 1
4522107	< 2	< 5	< 5	< 0.2	< 0.5	27	647	< 1	67	< 2	81	2.85	< 2	< 10	47	< 0.5	< 2	1.18	22	209	4.40	10	< 1

Analyte Symbol	K	La	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	Th	U	V	W	Y	Zr
Unit Symbol	%	ppm	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	10	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	20	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
4522101	0.09	17	2.46	0.156	0.069	0.13	3	3	33	0.49	13	< 2	< 20	< 10	115	< 10	9	25
4522102	0.24	10	1.20	0.423	0.040	0.07	< 2	6	55	0.36	7	< 2	< 20	< 10	165	< 10	11	15
4522103	0.23	< 10	0.90	0.480	0.044	0.08	3	4	61	0.42	8	< 2	< 20	< 10	193	< 10	13	18
4522104	0.19	12	2.03	0.183	0.046	0.03	3	11	32	0.19	10	< 2	< 20	< 10	91	< 10	8	16
4522105	0.20	22	1.95	0.134	0.062	0.02	< 2	11	30	0.14	3	< 2	< 20	< 10	89	< 10	10	16
4522106	0.25	17	1.36	0.072	0.068	0.01	< 2	4	77	0.11	2	< 2	< 20	< 10	32	< 10	7	12
4522107	0.17	19	2.36	0.145	0.096	< 0.01	3	11	85	0.34	11	< 2	< 20	< 10	112	< 10	9	10

Quality Analysis ...



Innovative Technologies

Date Submitted: 28-Aug-17
Invoice No.: A17-09212
Invoice Date: 27-Sep-17
Your Reference:

2522962 Ontario Inc.
1080 Machelano
Timmins Ontario
Canada

ATTN: Kevin Filo

CERTIFICATE OF ANALYSIS

31 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Timmins Au - Fire Assay AA

Code 1E2-Timmins Aqua Regia ICP(AQUAGEO)

REPORT **A17-09212**

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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, somewhat stylized font. Below the signature is a horizontal line.

Emmanuel Esemé, Ph.D.
Quality Control

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Results

Activation Laboratories Ltd.

Report: A17-09212

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	La	K	Mg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	%
Lower Limit	5	0.2	0.2	1	1	2	1	2	1	0.01	3	5	1	1	2	0.01	1	2	0.01	1	1	0.01	0.01
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
S4522108	10	< 0.2	< 0.2	16	532	2	63	< 2	59	2.10	< 3	< 5	39	< 1	< 2	0.89	24	54	3.68	9	10	0.07	2.07
S4522109	7	< 0.2	< 0.2	5	607	< 2	42	2	76	2.17	3	< 5	78	< 1	< 2	1.01	19	32	3.82	9	10	0.16	2.00
S4522110	21	0.5	< 0.2	< 1	266	< 2	16	32	17	0.77	< 3	< 5	138	< 1	< 2	0.77	19	5	2.43	4	34	0.39	0.29
S4522111	7	< 0.2	< 0.2	8	155	< 2	10	2	40	0.62	< 3	< 5	138	< 1	< 2	0.65	4	8	0.79	3	14	0.30	0.31
S4522112	11	< 0.2	< 0.2	52	785	2	51	2	76	2.41	5	< 5	357	< 1	< 2	2.36	22	30	5.01	11	23	1.04	2.42
S4522113	7	0.3	< 0.2	19	566	< 2	18	< 2	33	1.09	< 3	< 5	54	< 1	< 2	0.96	7	17	1.84	2	5	0.15	0.70
S4522114	44	< 0.2	< 0.2	34	792	< 2	60	3	79	2.97	8	< 5	76	< 1	< 2	1.72	23	42	5.35	10	19	0.20	2.46
S4522115	7	< 0.2	< 0.2	29	581	< 2	50	< 2	77	2.71	4	< 5	53	< 1	< 2	1.04	22	29	4.41	8	16	0.16	2.05
S4522116	37	< 0.2	< 0.2	11	473	2	30	< 2	64	1.70	4	< 5	47	< 1	< 2	2.08	14	24	2.73	5	10	0.11	1.23
S4522117	6	< 0.2	< 0.2	11	693	< 2	44	< 2	63	2.09	6	< 5	58	< 1	< 2	1.94	16	27	3.14	6	11	0.15	1.49
S4522118	7	< 0.2	< 0.2	24	753	< 2	52	< 2	73	2.56	< 3	< 5	77	< 1	< 2	1.56	21	46	4.23	7	13	0.18	1.95
S4522119	6	< 0.2	< 0.2	6	540	< 2	26	3	38	1.35	< 3	< 5	89	< 1	< 2	1.14	8	28	1.78	4	9	0.20	0.75
S4522120	7	< 0.2	< 0.2	6	604	< 2	45	2	57	2.31	< 3	< 5	106	< 1	< 2	1.31	15	33	2.97	6	17	0.31	1.41
S4522121	8	< 0.2	< 0.2	17	623	< 2	39	< 2	61	2.08	6	< 5	85	< 1	< 2	1.51	16	30	3.38	6	12	0.20	1.51
S4522122	7	< 0.2	< 0.2	17	668	< 2	45	< 2	63	2.17	< 3	< 5	99	< 1	< 2	1.17	17	30	3.71	6	14	0.24	1.55
S4522123	8	< 0.2	< 0.2	40	669	4	47	3	71	2.48	6	< 5	69	< 1	< 2	1.74	19	33	3.88	7	12	0.18	1.82
S4522124	7	< 0.2	< 0.2	41	483	< 2	62	4	61	2.06	< 3	< 5	82	< 1	< 2	1.23	19	88	3.25	10	16	0.16	1.90
S4522125	7	< 0.2	< 0.2	22	371	< 2	77	2	45	1.68	< 3	< 5	51	< 1	< 2	0.71	15	95	2.49	6	9	0.07	1.57
S4522126	8	< 0.2	< 0.2	12	547	< 2	102	< 2	56	2.28	5	< 5	52	< 1	< 2	1.05	19	113	3.21	9	12	0.06	2.05
S4522127	7	< 0.2	< 0.2	37	226	< 2	26	< 2	36	1.04	< 3	< 5	22	< 1	< 2	0.50	10	31	1.67	3	5	0.05	0.75
S4522128	6	< 0.2	< 0.2	9	81	< 2	12	< 2	20	0.16	< 3	< 5	13	< 1	< 2	0.05	1	36	0.50	1	< 1	0.01	0.19
S4522129	6	< 0.2	< 0.2	6	86	< 2	34	< 2	12	0.22	6	< 5	10	< 1	< 2	0.15	3	68	0.50	1	< 1	0.01	0.31
S4522130	7	< 0.2	< 0.2	5	186	< 2	37	< 2	14	0.32	< 3	< 5	15	< 1	< 2	0.69	3	79	0.59	2	< 1	0.03	0.46
S4522131	8	< 0.2	< 0.2	73	610	< 2	45	2	71	2.40	< 3	< 5	134	< 1	< 2	0.91	24	30	4.42	8	17	0.20	2.54
S4522132	7	< 0.2	< 0.2	42	493	< 2	35	< 2	61	1.79	4	< 5	26	< 1	< 2	0.89	16	43	3.40	9	6	0.06	1.53
S4522133	7	< 0.2	< 0.2	11	975	3	32	3	44	1.76	5	< 5	54	< 1	< 2	4.58	13	15	2.90	5	4	0.11	1.52
S4522134	9	< 0.2	< 0.2	21	908	2	51	3	44	1.56	< 3	< 5	115	< 1	< 2	3.48	14	25	2.95	5	12	0.22	1.34
S4522135	7	< 0.2	< 0.2	26	766	< 2	56	< 2	83	2.78	5	< 5	113	< 1	< 2	1.75	23	40	5.12	9	23	0.22	2.65
S4522136	8	< 0.2	< 0.2	65	574	2	37	< 2	45	1.78	3	< 5	114	< 1	< 2	2.46	18	29	3.77	6	17	0.29	1.34
S4522137	6	< 0.2	< 0.2	20	579	3	32	< 2	39	1.52	< 3	< 5	139	< 1	< 2	2.61	13	25	3.13	6	11	0.60	1.30
S4522138	7	< 0.2	< 0.2	17	241	< 2	29	5	44	0.96	< 3	< 5	178	< 1	< 2	0.78	10	42	1.74	6	19	0.14	0.84

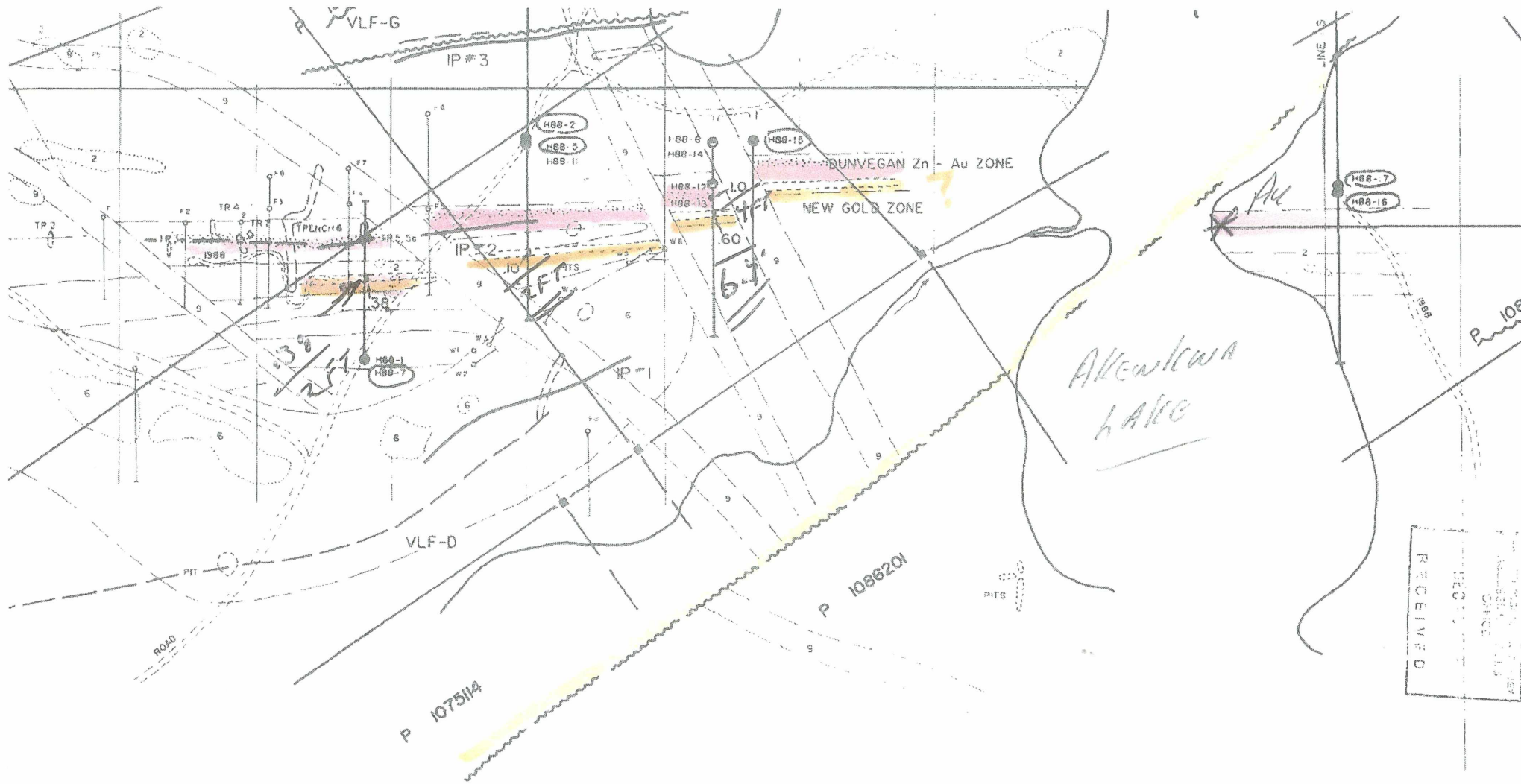
Results

Activation Laboratories Ltd.

Report: A17-09212

Analyte Symbol	Na	P	Sb	Sc	Se	Sn	Sr	Te	Tl	Ti	U	V	W	Y	Zr	S
Unit Symbol	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
Lower Limit	0.001	0.001	5	0.1	5	5	1	1	2	0.01	10	1	1	1	1	0.001
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
S4522108	0.073	0.068	< 5	4.0	< 5	< 5	92	6	< 2	0.25	< 10	72	4	5	6	0.426
S4522109	0.059	0.073	< 5	4.5	< 5	< 5	107	2	< 2	0.23	< 10	59	< 1	6	3	0.003
S4522110	0.077	0.078	< 5	0.6	< 5	< 5	73	5	< 2	0.01	< 10	9	< 1	6	21	1.22
S4522111	0.084	0.031	< 5	0.9	< 5	< 5	43	< 1	< 2	0.04	< 10	7	3	2	16	0.063
S4522112	0.089	0.106	< 5	4.8	< 5	6	95	9	< 2	0.31	< 10	70	2	12	26	0.391
S4522113	0.032	0.071	< 5	1.6	< 5	< 5	34	2	< 2	0.02	< 10	17	< 1	3	1	0.025
S4522114	0.056	0.077	< 5	5.0	< 5	< 5	43	16	< 2	0.04	< 10	53	3	9	7	0.093
S4522115	0.062	0.080	< 5	4.4	< 5	< 5	75	7	< 2	0.13	< 10	44	2	8	4	0.005
S4522116	0.043	0.054	< 5	3.1	< 5	< 5	81	12	< 2	0.11	< 10	30	< 1	5	2	0.005
S4522117	0.059	0.069	5	3.0	< 5	6	99	23	< 2	0.17	< 10	43	1	5	2	0.006
S4522118	0.068	0.073	< 5	3.8	< 5	< 5	80	23	< 2	0.15	< 10	47	< 1	6	3	0.037
S4522119	0.049	0.045	< 5	3.1	< 5	< 5	61	2	< 2	0.11	< 10	23	3	4	2	0.002
S4522120	0.094	0.064	< 5	5.8	< 5	< 5	87	27	< 2	0.21	< 10	37	< 1	8	5	0.002
S4522121	0.063	0.072	< 5	3.4	< 5	< 5	71	12	< 2	0.08	< 10	33	3	7	3	0.011
S4522122	0.073	0.077	< 5	4.0	< 5	6	55	10	< 2	0.06	< 10	35	< 1	7	3	0.025
S4522123	0.057	0.077	< 5	3.7	< 5	< 5	96	9	< 2	0.12	< 10	42	1	6	3	0.014
S4522124	0.078	0.099	< 5	4.5	< 5	< 5	112	4	< 2	0.29	< 10	60	3	5	9	0.032
S4522125	0.056	0.052	< 5	3.4	< 5	< 5	78	1	< 2	0.17	< 10	42	1	3	4	0.019
S4522126	0.065	0.057	< 5	4.0	< 5	< 5	142	3	< 2	0.20	< 10	53	< 1	4	4	0.017
S4522127	0.036	0.044	< 5	1.8	< 5	< 5	33	< 1	< 2	0.10	< 10	23	2	2	< 1	0.057
S4522128	0.016	0.004	< 5	0.5	< 5	< 5	3	3	< 2	< 0.01	< 10	4	< 1	< 1	3	0.002
S4522129	0.011	0.001	< 5	0.5	< 5	< 5	4	2	< 2	< 0.01	< 10	4	< 1	< 1	< 1	0.010
S4522130	0.009	0.001	< 5	1.0	< 5	< 5	9	< 1	2	< 0.01	< 10	7	< 1	< 1	< 1	0.002
S4522131	0.054	0.080	< 5	5.9	< 5	< 5	27	5	< 2	0.18	< 10	61	4	10	13	0.152
S4522132	0.088	0.050	5	4.4	< 5	< 5	74	6	< 2	0.23	< 10	61	2	5	4	0.074
S4522133	0.022	0.078	< 5	1.9	< 5	< 5	110	20	< 2	0.02	10	29	4	5	2	0.075
S4522134	0.048	0.074	< 5	3.4	< 5	< 5	91	8	< 2	0.06	< 10	32	< 1	8	8	0.139
S4522135	0.054	0.082	< 5	5.8	< 5	< 5	49	16	< 2	0.12	< 10	58	2	10	12	0.245
S4522136	0.074	0.064	< 5	3.4	< 5	< 5	75	13	< 2	0.05	< 10	36	< 1	9	8	0.266
S4522137	0.080	0.048	< 5	5.0	< 5	< 5	85	4	< 2	0.16	< 10	53	< 1	6	5	0.035
S4522138	0.078	0.042	< 5	2.8	< 5	< 5	79	2	< 2	0.06	11	22	2	4	18	0.248

**Appendix 3: Excerpts from Halley Drill Program from Assessment Files and Private
Files of Kevin Filo, P.Geo.**



TAKEN FROM
 HADLEY Assessment
 File Report
 by Bennett R.A. (1990)

HALLEY RESOURCES LIMITED - 1988 DRILL PROGRAM RESULTS

HOLE #	TARGET	RESULTS
H88-1	Dunvegan Zone below trench	NEW GOLD ZONE discovered - <u>.38 oz/t along 2' @ 313.5'</u> Dunvegan - anomalous in zinc only (200 - 1800 ppm Zn)
H88-2	1983 MPH IP anomaly 3	IP anomaly - shear zone within foliated andesites, low Au
H88-3	1983 MPH IP anomaly 5	IP anomaly - fault zone within foliated andesites, low Au
H88-4	Jonsmith & VLF 'C'	Hole lost in boulder terrain after rods broke.
H88-5	East extension of Dunvegan & Gold Zone + IP anomaly 2	Dunvegan - .045 oz/t Au + high zinc. NEW Zone - .034 oz/t along 3' @ 388'. IP anomaly likely a fault at 289'.
H88-6	East extension of New Gold and Dunvegan.	NEW Zone - .60 oz/t along 6.4' @ 295' with Visible Gold. Dunvegan - low gold but anomalous zinc to 1.22%
H88-7	To undercut H88-1 & test both Dunvegan & NEW Zone.	NEW Zone - .014 oz/t along 3' @ 437'. Dunvegan - high zinc and anomalous gold up to 206 ppb Au.
H88-8	Jonsmith gold zone.	Hole cored schisted andesites with background Au, Cu, Zn.
H88-9	To undercut H88-8	Hole cored schisted andesite with background Au, Cu, Zn.
H88-10	Jonsmith gold zone	Hole cored diabase, peridotite, and diabase - overstep potential gold zone in diabase.
H88-11	To undercut H88-5	NEW Zone - .10 oz/ton along 2' @ 541'. Dunvegan - 228 ppb Au along 4.5' @ 373' + anomalous zinc of 6560 ppm.
H88-12	Overcut high grade H88-6	NEW Zone not cored due to diabase. Dunvegan - high zinc.
H88-13	Overcut high grade H88-6	NEW Zone - .116 oz/t along 5' @ 179' + .042 oz/t along 4' @ 175'. Dunvegan - anomalous zinc to 3460 ppm, low gold.
H88-14	Undercut high grade H88-6	NEW Zone - .048 oz/t along 5' @ 352'. Dunvegan - 1.04 oz/t along 4' @ 267' + .082 oz/ton along 3' @ 303' + high zinc.
H88-15	East extension of H88-6	Both the Dunvegan & NEW Zones were not cored - diabase.
H88-16	Surface Au Showing east of Akweskwa Lake - .18 oz/t.	Showing returned 376 ppb Au and anomalous zinc. Rest of hole returned only background gold assays.
H88-17	Section stratigraphy.	Hole cored foliated andesite and bottomed in serpentized peridotite. All assays returned background only.

5333100N

431700E

5333100N

4300525E

5332300N

431700E

5332300N

432500E

PATENT CLAIM

PATENT CLAIM

CLAIM 4280100

CREEK & BEAVER DAM ON ROAD

LEAD SWAMP

CLIFF FACE

AREA OF SPORADIC OUTCROP

SMALL OUTCROP

POND

HISTORICAL DRILL CASING

OUTCROP OF INTER. VOLCANIC

ARWESKWA LAKE

START OF SWAMP

ACCESS TRAIL

CREEK

SAMPLE NO LOCATION (⊗)

4522101 = 1

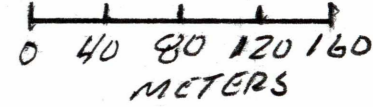
4522102 & 4522103 = 2

4522104 & 4522105 = 3

4522106 = 4

4522107 = 5

(SEE UTM CO-ORDINATES IN REPORT TABLE)



- ACCESS TRAIL
- TRAVERSE ROUTE (JULY 25/17) (KFILO & I. MARTIN)
- ⊗ - SWAMP
- ⊗ - SAMPLE LOCATION
- - OUTCROP

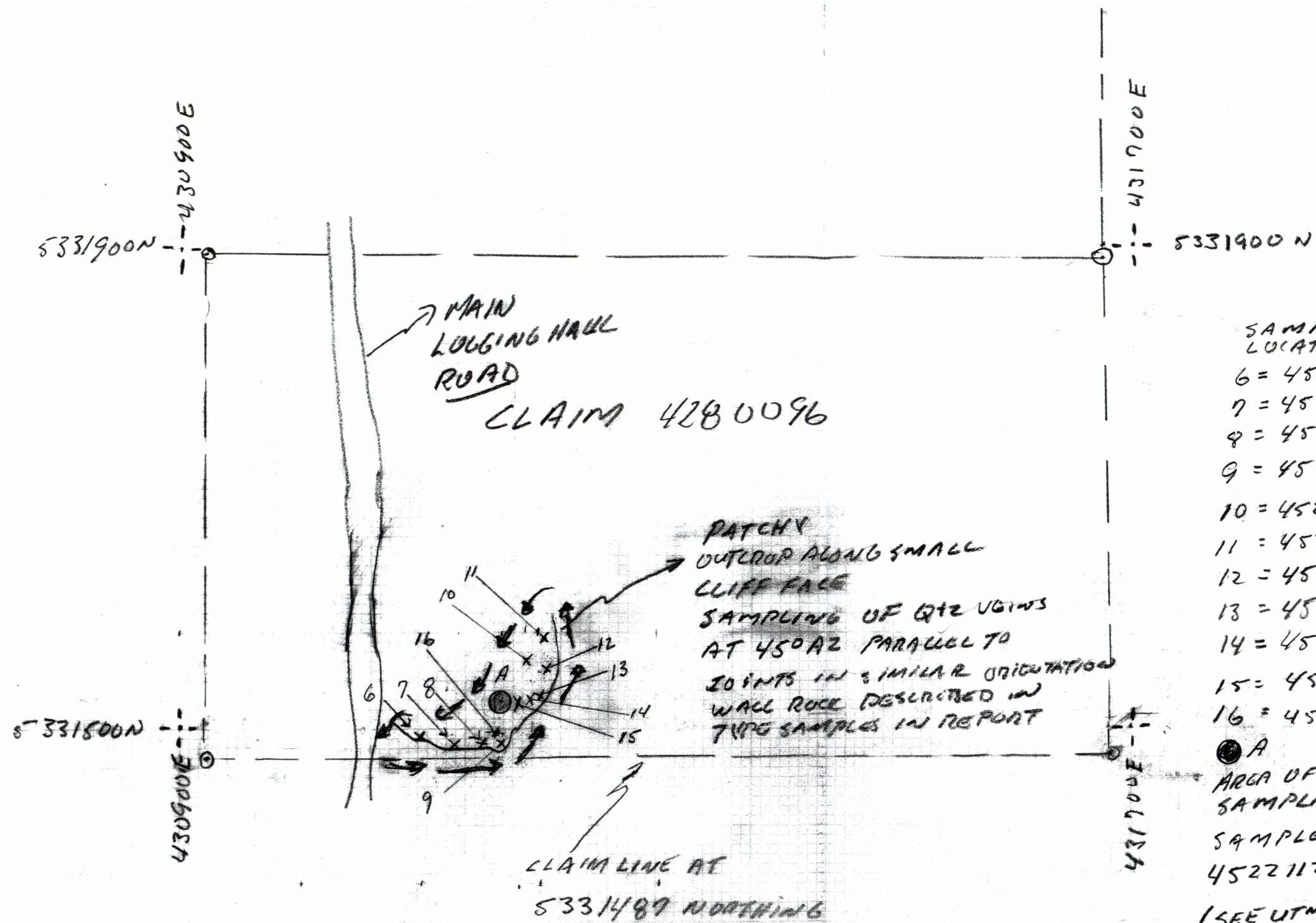
⊗-⊗ BOUNDARY FROM CLAIM MAP UTM LOCATIONS

* NOTE UTM IN NAD 83 ZONE 17

2522962 ONTARIO INCL SAMPLE LOCATION MAP CLAIM 4280100

FIG#17





- SAMPLE (X)
LOCATION
- 6 = 4522108
 - 7 = 4522109
 - 8 = 4522110
 - 9 = 4522111
 - 10 = 4522124
 - 11 = 4522125 + 4522126
 - 12 = 4522127
 - 13 = 4522128 TO 4522131
 - 14 = 4522132
 - 15 = 4522133 + 4522137
 - 16 = 4522138

● A
AREA OF DETAILED
SAMPLING
SAMPLE #
4522112 TO 4522123
(SEE UTM CO-ORD
IN REPORT FOR
EXACT READINGS)

→ → TRAVERSE
(AUG 1/8)
K. FILO & I. MARTIN

⊙ → ⊙ CLAIM BOUNDARY
POINTS FROM CLAIM
MAP UTM CO-ORD.
*NOTE: MAP IN
WAD 83 ZONE 17

2522962 ONTARIO
INC
SAMPLE LOCATION
MAP
CLAIM 4280096
F-16#8