REVIEW OF GOLD TARGET POTENTIAL WITH EMPHASIS ON IRONSTONE HOSTED GOLD TARGETS – Temagami Greenstone Belt, Ontario

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David A. Bending M.Sc., P. Geo
On behalf of
Temagami Gold Inc.,
1 Presley Street, P.O.Box 699, Cobalt Ontario P0J 1C0 Canada

DAVID A. BENDING, M.Sc. P. Geo
B.C. Professional Geoscientist Reg. 20548 (August 1993)
Gold Exploration Management Services Inc.
4790 Caughlin Parkway #171 Reno NV 89509-0907
(775) 746 3951 cel 775 750 0450 FAX 775 746 8726
email:dabending@cs.com

GLOSSARY OF TERMS RELATING TO MINING AND MINERAL PROPERTIES

"DDH"	means a diamond drill hole
"diamond drill"	means a machine designed to rotate under pressure, using an annular diamond studded cutting tool to produce a more or less continuous sample of the material that is drilled.
"EM"	means an electromagnetic geophysical survey method
IP	means a geophysical survey testing for dispersed sulphide minerals using induced polarization methods
Vlf	means a survey measuring interaction of very low frequency electromagnetic signals with conductive zones in the earth's subsurface
"g/t"	grams per (metric) tonne
"km"	means kilometres
"m"	means metres
"mag"	means a total field magnetic geophysical survey
"mineralization"	means a natural aggregate of one or more minerals, which has not been delineated to the extent that sufficient average grade or dimensions can be reasonably estimated or called a "deposit" or "ore". Further exploration or development expenditures may or may not be warranted by such an occurrence depending on the circumstances.
"ounce"	troy ounces precious metal
"ppb"	concentration of an element measured in parts per billion
"ppm"	concentration of an element in parts per million
Pgm	platinum group metals (Pt, Pd, Os, Ir, Rh)
Gpt	concentration of an element in grams per ton, equivalent to ppm
"grams per tonne"	concentration of an element equivalent to parts per million.

"RCD"	means reverse circulation drilling by a machine designed to rotate under pressure, using a tricone cutting tool to penetrate bedrock or unconsolidated material and to return that material with the recirculation of the drilling water.
"strike length"	means the longest horizontal dimension of a body or zone of mineralization.
MNDM	(Ontario) Ministry of Northern Development & Mines
OGS	Ontario Geological Survey (under MDNM)
BIF	Banded Iron Formation

CONVERSIONS

To Convert From	To	Multiply By
Feet	Metres	0.3048
Metres	Feet	3.281
Miles	Kilometres	1.609
Kilometres	Miles	0.621
Acres	Hectares	0.405
Hectares	Acres	2.471
Grams	Ounces (troy)	0.032
Ounce (troy)	Grams	31.103
Tonnes[1]	Short tons	1.102
Short tons[2]	Tonnes	0.907
Grams per ton	Ounces (troy) per ton	0.029
Ounces (troy) per ton	Grams per tonne	34.438

SUMMARY AND CONCLUSIONS

This report is a focused review of information from private and published sources concerning the potential for gold deposits in the Temagami Region with specific emphasis on the potential for gold in and closely associated with the Banded Iron Formations including those at the Sherman Iron Mine. Unpublished data including unpublished files from TVX and sampling by the author demonstrate the presence of anomalous and potentially economic gold concentrations in tailings from the Sherman Iron Mine. The cumulative strike length of the Temagami ironstone, including two limbs in a major synform, exceeds 50 km. In addition to the folded principal ironstone (termed the Sherman Target for this report) a narrower band of ironstone and chemical sediments is localized along the Vermillion Lake Shear Zone in an area (including the Leckie and Beanland Prospects in which gold occurs in transposed quartz veins and disseminated sulphides (pyrite, pyrrhotite and arsenopyrite) in mafic volcanic and banded iron formations. The cumulative gold exploration potential of these ironstone units and the interacting structures is very substantial.

30 km further southwest along trend, separated by large granitoid bodies and in a roof pendant of supracrustal rocks the Emerald Lake Prospect represents a relatively advanced and partly developed example of ironstone hosted gold deposit. The research summarized in this report includes a review of the Emerald Lake prospect and its environment along with an assortment of sample photographs and analyses to document the nature of the gold mineralized material. The metamorphic grade and grain size distribution are distinctly different (higher, coarser) in the Emerald Lake area and the gold mineralized bodies have been shown to be more erratic and closely related to crosscutting structures and vein swarms with a dominantly brittle style of vein control, rather than the intense ductile deformation with subordinate brittle features in the Temagami (Sherman and Vermillion Lake Trends) in Temagami. The Emerald Lake area is also characterized by linear exposures of ironstone, metavolcanic and metamorphic rocks, with two discrete ironstone bands, rather than the more complex folded structures in the Temagami District. This may help to explain why the ironstone hosted gold potential of Temagami was not fully recognized and explored despite more than a century of geological studies and prospecting.

The focus of this study is the Archean Temagami greenstone belt which hosts diverse metallic mineral deposits including gold in veins and shear zones, volcanogenic massive polymetallic sulphides, Ni-Cu-PGM-Au in mafic – ultramafic rocks and banded ironstones (both iron production and significant gold prospects). The most productive of these deposit types is the iron deposits but the Ni-polymetallic deposits have also been significant and the gold potential remains to be evaluated in detail.

The compelling conclusions of this study are:

1. Consolidation and systematic exploration of the deformed ironstones and associated altered volcanic rocks along the Vermillion Lake Trend.

2. Consolidation and systematic drilling of the Sherman Mine Tailings, including analyses, mineralogical studies and metallurgical work. The results documented in the unpublished TVX/Sherman Mine files and the reconnaissance sampling (this study) strongly suggest that the tailings pile offers outstanding potential for a substantial low cost gold recovery operation.

3. Consolidation, structural and geological studies and systematic sampling of the entire strike length of the Sherman ironstone with emphasis on the West Pit, the site in which unpublished reports (Chitaroni, 2014) suggested the presence of gold bearing quartz veins in the BIF unit.

4. Historic drilling and assays have failed to document the presence of gold in

massive pyritic zones which lie stratigraphically below the ironstone unit, suggesting that the chemistry and structural preparation of the BIF units is the control for the potential bedrock targets. This helps to focus phase 1 detailed geological work on the most prospective environments.

5. Sampling for gold in this ironstone sequence is very limited but the data from the tailings clearly demonstrate the importance of the proposed work. At this time the only data concerning gold values are from the south limb but all of the ironstone constitutes an important exploration opportunity.

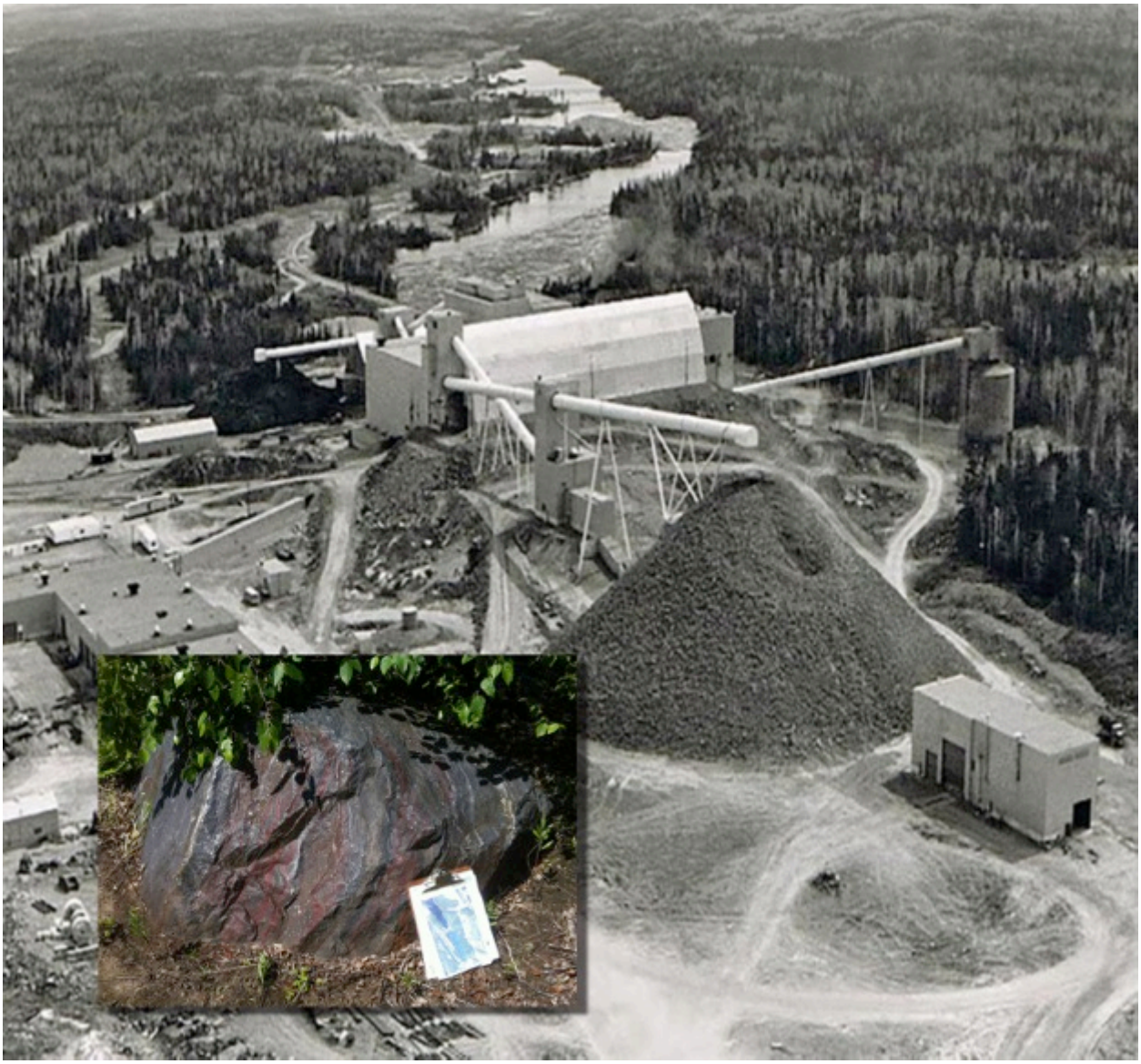

Figure A: The Sherman Mine plant as it was in the late c1967. Inset a small Banded iron Formation boulder found on site (2011).

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INTRODUCTION

The research documented in the report was undertaken on behalf of Temagami Gold Inc. ('Temagami Gold') as part of developing an effective gold exploration strategy in the Temagami area with emphasis on gold in banded iron formation hosts ('BIF'). This report and the recommendations herein are confidential because of the importance of continuing land consolidation in a potentially competitive environment. The area of technical interest includes the area between the east end of the Temagami Greenstone Belt in Strathy Township to the Emerald Lake area in Chalmers Township.

This Report includes a review of regional geology and metallogeny with citation of other significant prospects in mines within the Temagami Greenstone Belt. This information was provided by published studies by the Ontario Geological Survey ('OGS') and its predecessor the Ontario Department of Mines ('ODM') including Bennett (1978), Card et al. (1973), Thomson (1968), and Ajer et al. 2006. Historic exploration work completed and reported by the Sherman Mine, Voyager Explorations, Websters, Diamond Rock, Wabana and Randsberg International and local prospectors supported by OPAP (Ontario Prospector's Assistance Program) grants. Some of the most important information is unpublished sampling data from the Sherman Mine by TVX Exploration and recent sampling by the author, both of which were focused on tailings from the Sherman Iron Mine.

Under the current terms of reference, the author conducted a field examination of the Area during May 17 to 22, 2014, during which tailings samples were collected from the Sherman Mine Tailings and the Kanichee Mine Tailings and rock samples were collected from the Beanland./Perron, the Big Dan, O'Connor Claims and Leckie Mines and the Emerald Lake Property. On the basis of these observations and results and the regional setting this report recommends a phased exploration program including cautious and methodical land consolidation, systematic drilling of the Sherman Mine Tailings, systematic mapping and rock sampling along the entire length of the Sherman/ Temagami BIF (both the south limb, where most of the data presented were derived, and the North Limb. This must be conducted in a strictly confidential manner with the intention that the results and consolidated land position will be a major project for a future public company.

The author has worked actively in the Archean granite – Greenstone terranes in Canada and worldwide since 1977 and is familiar with the mineral occurrences, geological setting and operational concerns in this area. The author has worked on and/ or studied BIF hosted gold deposits in the Quadrilateral Ferrifero in Brazil, the Homestake Mine in South Dakota, Keystone, Wyoming, various prospects in the Geraldton/ Beardmore area in Ontario, various prospects in Manitoba, and the Lupen and Back River Mines in Nunavit.

Figure 1: 3D Overlay in Google Earth of low level aerial photo at Kanichee Mine, dated Sept., 2014. Not pit in foreground and road which is submerged.

RELIANCE ON OTHER EXPERTS

This Technical Report is an accurate representation of the status and geologic potential of the Property based on the information available to the author and the field visit conducted May 2014. The heritage of geological work concerning the BIF hosted gold model is cited in the references. The author as enjoyed the benefit of extensive previous work in the area by Gino Chitaroni, the President of Temagami Gold. The geological database is well documented by historic work by the OGS and ODM and the geological mapping provided by these studies, verified by the author and complemented when possible by assessment files and company reports. This forms the basis for the maps and interpretations presented herein. Mr. Chitaroni, B.Sc. (geology) is an experienced and capable geologist with a lifetime of experience in this region. In supporting this text and interpretation the author has included compilation maps prepared for this purpose by Temagami Gold Inc. based on verified mineral claim data, assessment reports and published reports.

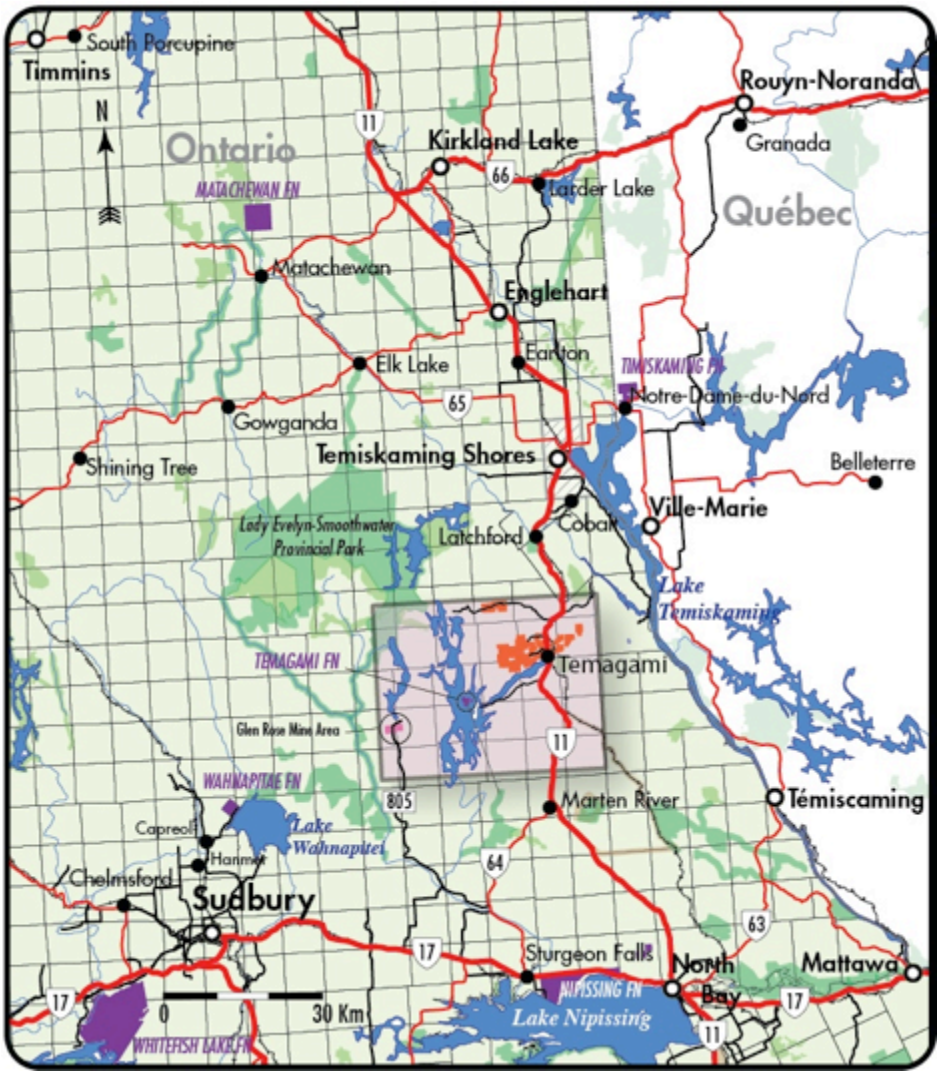

Figure 2: Regional Key Map showing the Temagami Gold Inc. area of study.

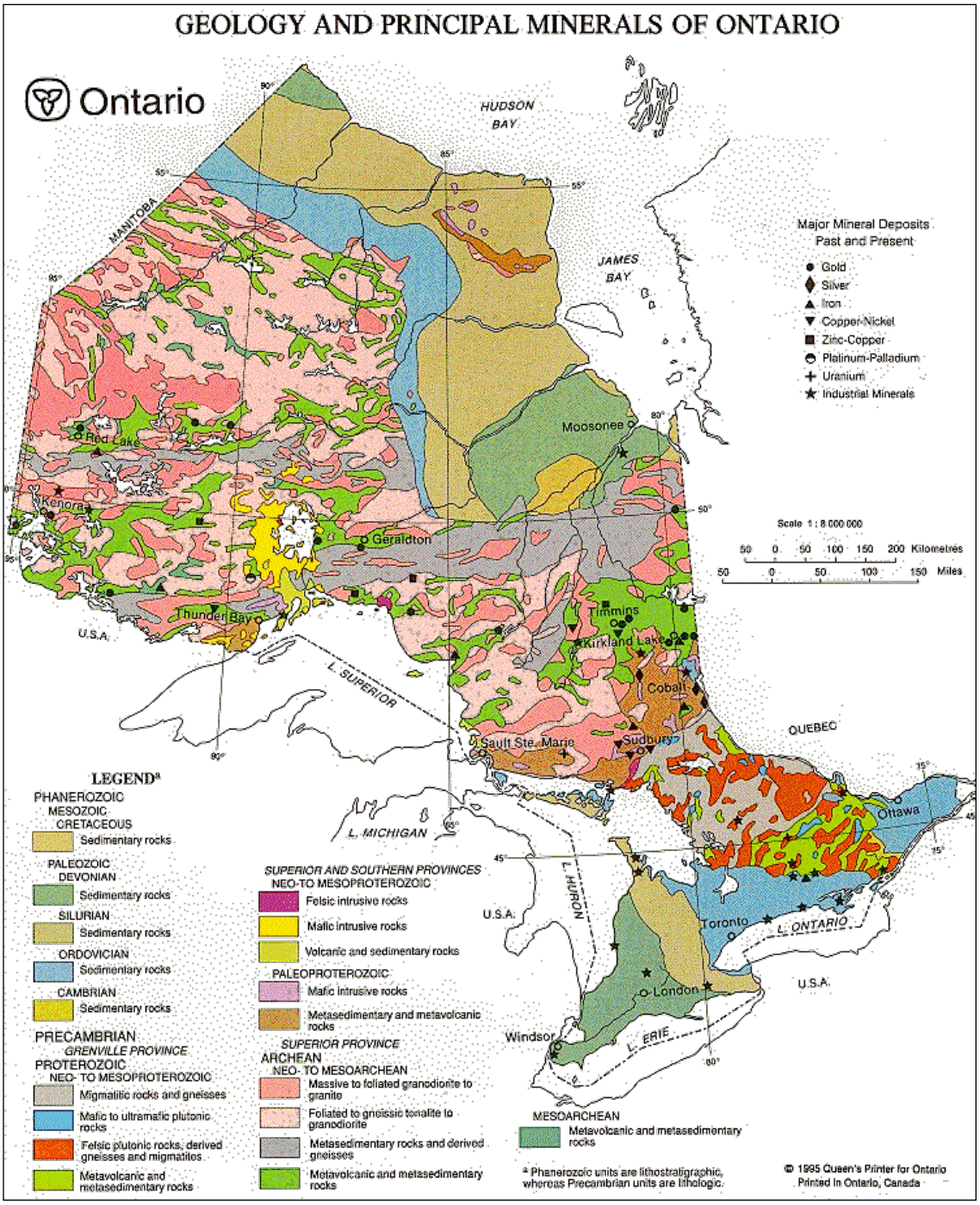

Figure 3: Location Area within the Geological Map of Ontario accompanied by the Major Mineral Deposits.

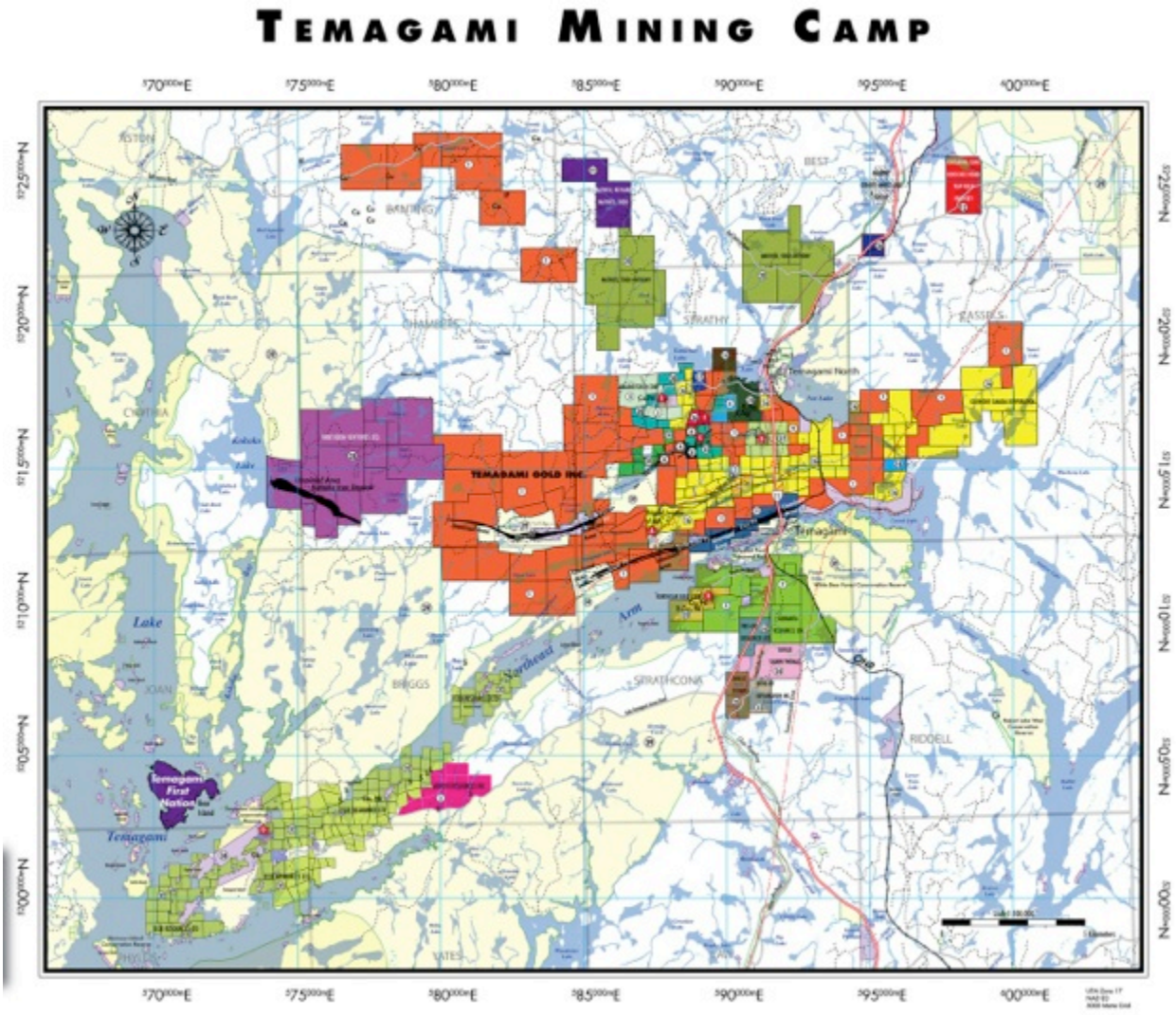

Figure 4: Property owners in the Temagami area, emphasizing Temagami Gold Inc. properties in red. See legend

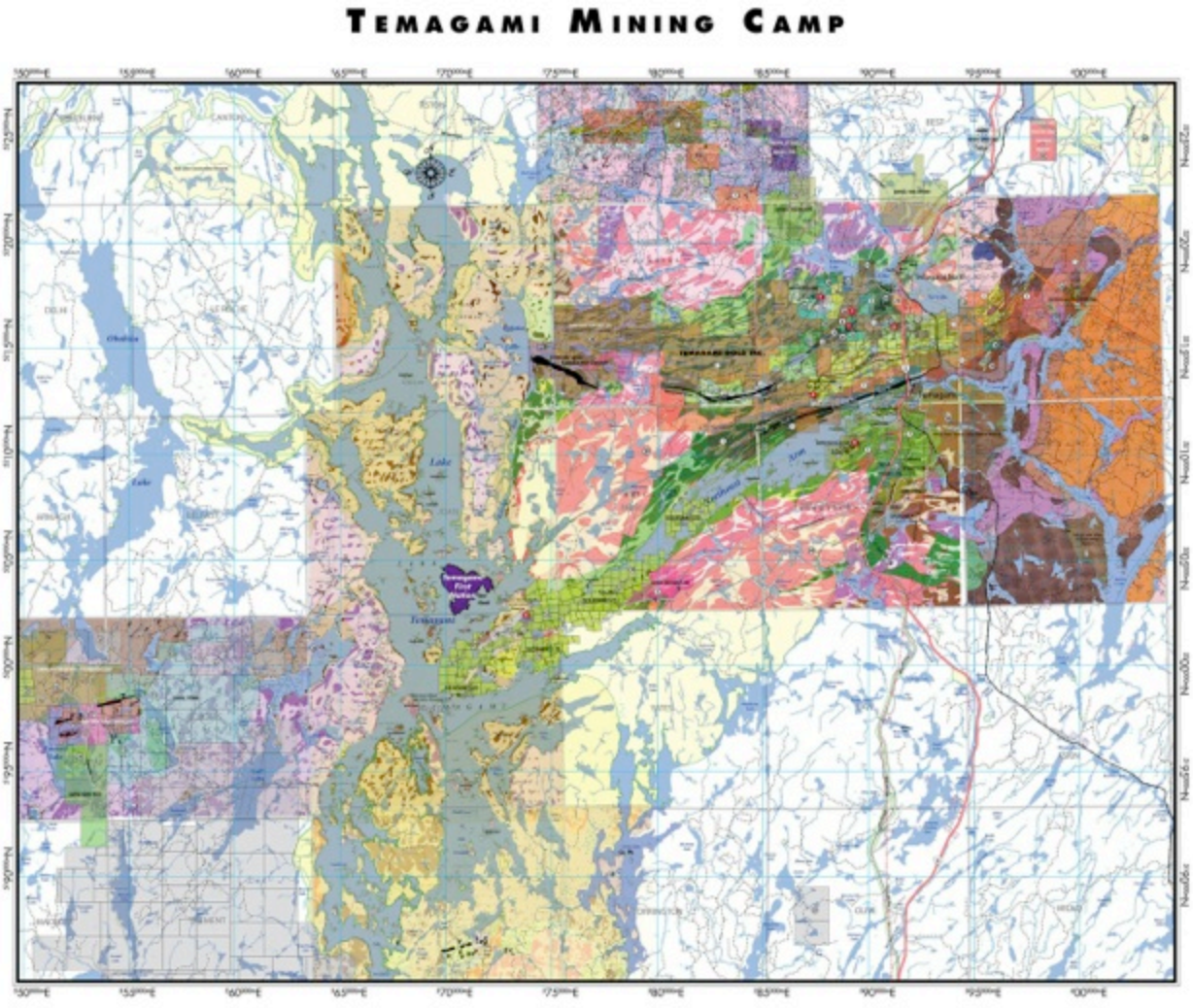

Figure 5: Generalized Land Map on Compiled MNDM Geology (Maps Compiled by Temagami Gold Inc.) from the Temagami area to the Emerald Lake Project area in Scholes Township. The ironstone horizons mapped here are the focus of this study.

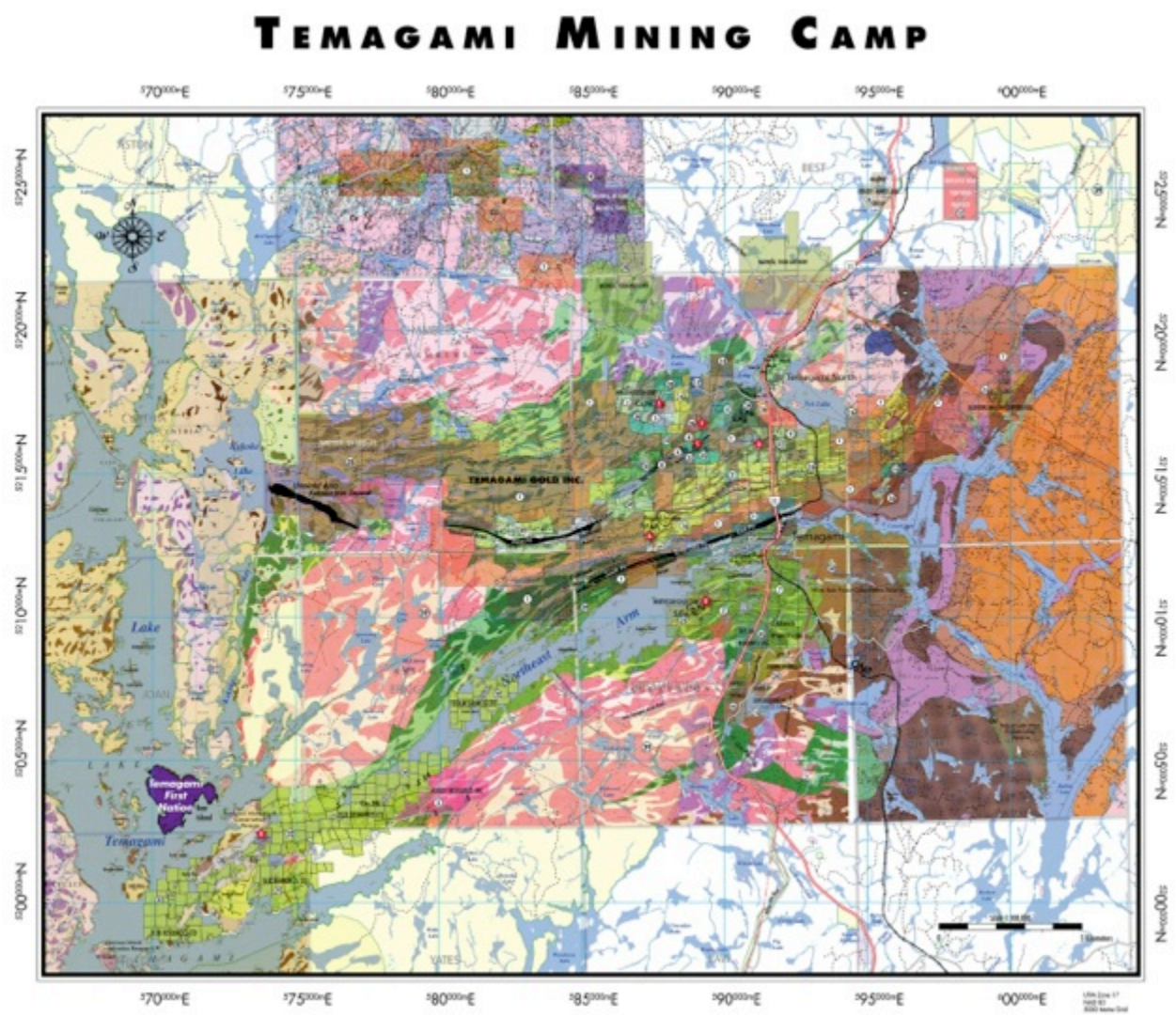

Figure 6: Generalized Land Map on a geological base for Temagami Area.

Figure 7: Legend For maps showing property owners.

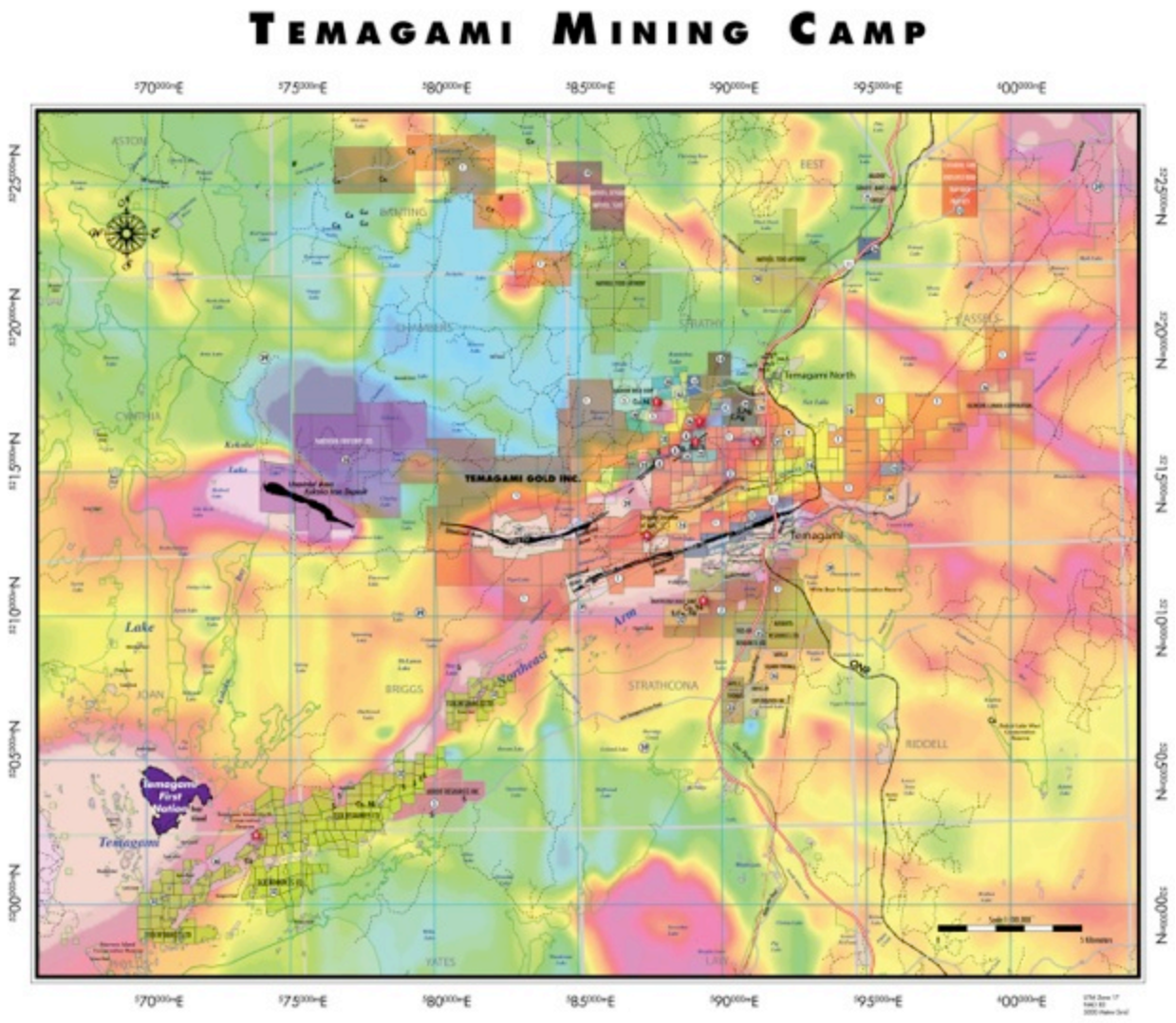

Figure 8: Generalized Land Tenure Map on MNDM Airborne Magnetic Base. The ironstone horizons mapped here are the focus of this study (shown in black).

Sample No.	Notes	Au, g/t	Checks	Significance
Emerald Lake/ Goldn Rose Rock Samples to Confirm Setting of Gold Values				
347778	Emerald Lake/Golden Rose	0.011		Variations on altered Ironstone low sulphide
347779	Emerald Lake/Golden Rose	0.017		Variations on altered Ironstone low sulphide
347780	Emerald Lake/Golden Rose	3.323		Quartz pytite stringers and dissem py in BIF
347781	Emerald Lake/Golden Rose	0.022		Variations on altered Ironstone low sulphide
347782	Emerald Lake/Golden Rose	0.01		Variations on altered Ironstone low sulphide
347783	Emerald Lake/Golden Rose	15.954		Quartz Pyrite veining in BIF
347784	Emerald Lake/Golden Rose	0.065		Variations on altered Ironstone low sulphide
347785	Emerald Lake/Golden Rose	0.028		Variations on altered Ironstone low sulphide
347786	Emerald Lake/Golden Rose	0.024		Variations on altered Ironstone low sulphide
347787	Emerald Lake/Golden Rose	0.559		Coarse vuggy pyrite late stage
347788	Emerald Lake/Golden Rose	0.05		Ironstone
TVX Tailings and Host Samples				
KK-31	Sherman Tailings Mill Sampling	0.015		Unconfirmed report of derivation from West Pit
KK-32	Mill Feed	not assayed		raw feed prior to Fe concentration
KK-33	Tailings	0.16		
KK-34		0.005		
KK-35		1.6		
KK-36		5.19		
KK-37		7.19		
KK-38		0.015		Rock Samples
KK-39		not assayed		Rock Samples
KK-40		0.095		Rock Samples
KK-41		0.03		Rock Samples
KK-42		not assayed		Rock Samples
KK-43		0.12		Rock Samples
MNDM Assays - Richardson		g/t	Oz/ton as reported	
A	Tailings	0.093	0.003	Tailings Samples
B		0.124	0.004	Analysed in Cobalt
C		0.498	0.016	by MNDM
D		2.115	0.068	(see report Schedule B)
E		0.373	0.012	
F		28.457	0.915	
G		0.156	0.005	
Tailings Samples (This Study)				
341801	Sherman Tailings Pipe GPS Traverse 10 Meter East/West	0.343		
341802		13.781		
341803		0.016		
341804		0.033		
341805		0.028		
341806		0.074		
341807		0.989		
341807 Duplicate		0.795		

Table 1: Tabulation of Assay Results Sherman Mine Tailings (TVX, MNDM and This Study) plus audit samples from a May 22 visit to Golden Rose/ Emerald Lake Mine. Original data are in Schedule 2 of this report. The data show compelling anomalies in the Sherman Mine Tailings from three different and independent sampling programs and support the idea of a sustained evaluation program in the tailings and in the source ironstone.

ACCESSIBILITY, CLIMATE, LOCAL RESROUCES, INFRASTRUCTURE AND PHYSIOGRAPHY

The study area lies between along about 50 km along a NE trend including the Village of Temagami and Chambers Township at its NE end to Scholes Township at its southwest end. The area of Scholes Township is separated from the more extensive Temagami Greenstone belt by granitoid bodies and the lands set aside for the Temagami First Nation. The work is therefore divided into two distinct segments and access to Scholes Township involves driving 50 km south from Temagami to River Valley and northward along a network of all weather roads. The areas of study in the Temagami area all readily accessible via all weather roads developed for the mining at the Sherman Mine and a history of logging operations.

The region has a seasonal temperate climate typical for central Ontario, with warm, humid summers (15 – 30 degrees) and cold winters (0 – minus 30 degrees). Precipitation is ample during all seasons. Exploration work can be conducted during all seasons, with some caution appropriate during the spring thaw due to soft and muddy access roads.

Temagami has a permanent population of 1027 based on the 2006 census which increases during the summer. The primary business of the area is tourism around the shores of Lake Temagami. In the past the operations at the Sherman Mine and the Teck Corp. Copperfield Mine were significant employers. Logging was important in the past but is not a major factor at this time. Skilled workers are available from the larger population centers of New Liskeard and Sudbury.

The regional electrical grid and the Northern Ontario natural gas line are readily available and the Ontario Northern rail line and Ontario highway 11 pass through Temagami. Rail loading facilities are present in Temagami and Cobalt. Mining Supplies and equipment must be obtained from Sudbury, Cobalt, Kirkland Lake or Timmins. The property offers ample room for future accumulation of tailings, mine waste rock, storage and plant sites.

The average local elevation is 962 feet (293 meters) above sea level. The area has moderate relief with maximum 90 meters and gentle slopes. The local drainage is part of the catchment for Lake Nipissing to the south. The area has thin soils mixed with sandy till.

The property has been logged and currently supports immature second growth consisting of fir, spruce, cedar, birch and willow. Water is readily available from the ponds, lakes and streams which occur throughout the region.

HISTORY

The first published geological documentation was a mapping program published in 1887 (Bennett, (1887)) with additional studies published between 1951 and 1974. During the period 1978 to 1996 the area was closed to staking of mineral claims through the Temagami Land Caution, a moratorium linked to settlement of First Nations land claims. The caution was lifted in 1996 and the area was covered by new claims. It is significant that the region was closed to exploration during a sequence of active exploration cycles and has received less intensive evaluation work than other accessible parts of Ontario.

The fundamental geological work in this region was completed by the Ontario Department of Mines and its successor the Ontario Geological Survey. The Lake Nipissing and Temagami areas were mapped by Barlow between 1887 and 1895 (Barlow (1907)). In 1901 W.G. Miller examined and documented the iron formations in the area which was later developed by Dofasco and Cliffs Mining of Cleveland as the Sherman Mine. Knight (1919) documented the Big Dan Arsenic deposit, the area of Arsenic Lake and the Kanichee Iron deposit.

Todd (1925), Savage (1934) and Moorehouse (1941) conducted systematic geological mapping of Strathcona, Briggs and parts of adjoining townships. Thomson (1968) as ODM resident geologist, completed an open file report which documented the geology in Best Township and the southern part of Gillies Limit Township. The most comprehensive report was Bennett (1978).

The Sherman Mine, operated by Dofasco (10%) and Cleveland Cliffs Mining Inc. (90%) with nominal capacity of 1,000,000 tonnes (long tons) per year between 1967 and 1990. OGS open file report 6236 reports that an additional five years of potentially open pittable material remain within the property. Reported production grades for the Sherman Mine were reported by MNDM reviews to average 25.09% Fe during the productive life of the mine. The Sherman Mine was localized along the thickened south Limb of a regional synform in the volcano – sedimentary sequence but the exploration strategy is applicable to all portions of ironstone unit with emphasis on zones of intense deformation, local and regional fold closures, cross structures and alteration.

The BIF model suggests that depending on metamorphic conditions the indicative alteration may be ferroan carbonate, silicification, silica flooding and quartz veining, iron – rich cholorite and conversion of iron oxide minerals to iron – rich amphiboles such as grunerite and cummingtonite. In the Temagami area the associated sulphide minerals in this target setting vary from arsenopyrite at the Big Dan, Perron/ Beanland and Leckie Mines (the Vermillion Lake trend) to traces of pyrrhotite and pyrite along the Sherman Mine or south trend. After a review of historic data and a field review the author concludes that additional evaluation and development work is warranted in the ironstones of the Temagami district for both iron and gold. The iron development model recognizes that the low grades will require grade enhancements for shipping but the operating costs in this favorable location will tend to compensate for this additional processing and capital cost. The gold exploration model will require detailed geological study and sampling to document in more detail. The potential of this regional ironstone sequence for future development is therefore of considerable interest and a sustained and cautious program of land consolidation must be integrated with the geoscientific work.

On a regional level the most significant reported gold deposit is the Golden Rose prospect in Afton Township, about 30 km southwest of the Property. This property is quite significant in developing exploration models for the district because it consists of gold bearing pyritic quartz veins and disseminated pyrite in and closely associated with ironstones, which are separated by granitic bodies but generally along trend from those at the Sherman Iron Mine.

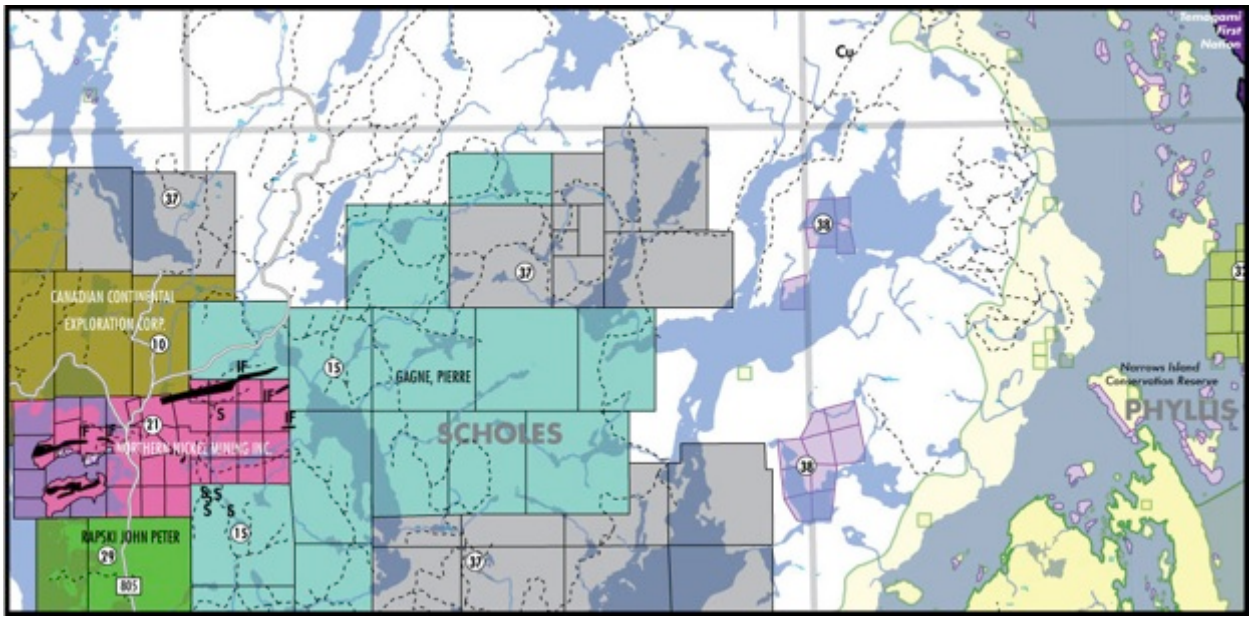

Figure 9: Detail map showing location of Golden Rose mine (Owner: Northern Nickel Mining Inc.) in Afton and Scholes townships. Iron Formations sown in black.

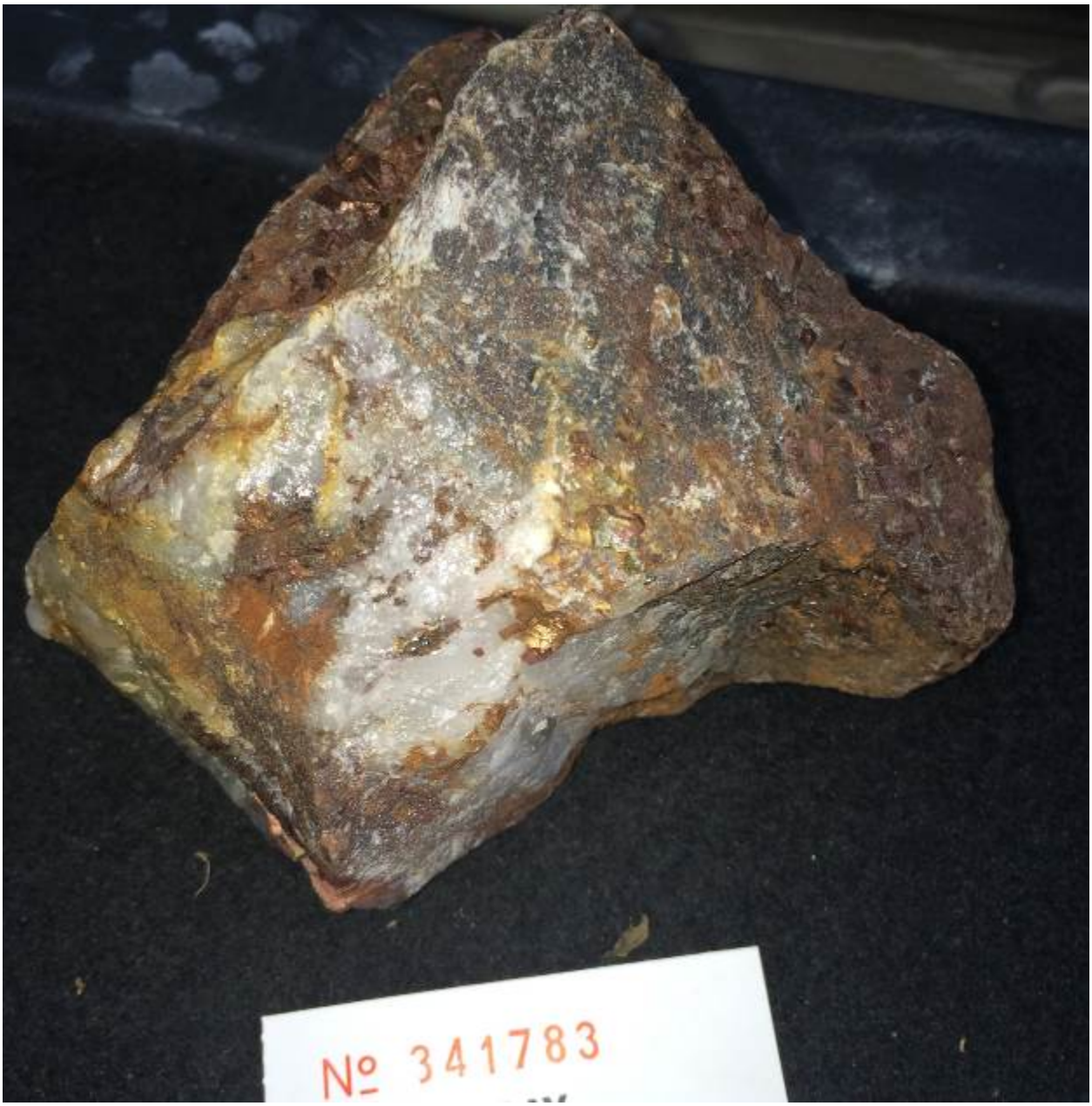

Figure 10: Emerald Lake Prospect: Extensional quartz – pyrite vein cutting pyritized cherty BIF. This sample assayed 16.85 grams per tonne. It was selected as a lithological example from a rock dump, so its original context is unknown.

Figure 11: Emerald Lake Prospect: Sheared and silicified ironstone with pyrite after magnetite (replacement) and euhedral pyrite crystals in quartz veining. This sample assayed 3.32 g/t (check assay 2.9 g/t).

GEOLOGICAL SETTING AND MINERALIZATION

The Property lies within the east – northeast trending syncline within the Archean volcano – sedimentary belt. U-Pb age dating in west Strathy Township at the Sherman Mine yielded an age of 1766.9 million years and confirms an Archean age for the sequence.

The volcano sedimentary sequence was intruded and deformed by stocks and batholiths of intermediate to felsic composition, segmented by felsic batholithic rocks, overlain by the Archean/ Proterozoic Unconformity, intruded by two stages of Proterozoic Diabase including the Nipissing diabase.

The geometry of the synform is clearly mapped by the oxide iron formations which include the productive zones at the Sherman Mine, 3 km south of the Property, and its folded repetitions which include the Ko-ko-ko deposit. It outcrops as two main zones and is wider in the south limb.. The southern band extends from just north of the town of Temagami southwestward through Turtle lake to the Tetapaga river. A narrower, leaner band outcrops on the north shore of the Northeast arm near Matagama point. The northern belt occurs in two sections.

The eastern one is best developed between the west end of Vermilion lake and the west end of Iron lake. To the east banded iron formation continues along the south shore of Vermilion lake to the southwest corner of the west half of Net lake. The western section, known as the Ko-ko-ko band, outcrops between Ferrum lake and the granite contact just northwest of Business lake. The iron formation consists of interbedded magnetite, iron rich jasperoidal silica, chert, quartz, and tuffaceous siltstone in varying proportions.

On Vermillion lake, and to the northeast the iron formation has been locally mineralized with pyrite or arsenopyrite including notably the Leckie, Big Dan and Perrron/ Beanland properties. The Vermillion Lake area occurrences lie along and have been deformed by the Vermillion Lake deformation Zone. This sector represents a distinct metallogenic environment with intense carbonate alteration, silicification and sulphide replacement of volcanic rocks and BIF. Consolidation and systematic evaluation of this sector is therefore a priority since the presence and setting of the gold is readily documented, the mineralogy is consistent with better documented and more fully developed BIF associated systems, and the deformed corridor of permissive host rocks exceeds 200 meters in width. This will require patient land consolidation and confidentiality but the presence of a well defined, substantial corridor along a major altered limb – slip shear system in the north limb ironstone amenable to systematic drilling and resource development warrant the effort.

Huronian Cobalt sediments, which overlie the rocks described above with angular unconformity, include conglomerate, quartzite, slate, and greywacke. The conglomerate in some cases consists of coarse gravel and some was described by Moorehouse (1941) as a tillite. The Nipissing quartz diabase is exposed in the area, most abundantly in the southeast corner of Strathcona township.

The volcanic rocks range in a generally cyclic pattern from tholeitic basalts to rhyodacite. The sedimentary rocks vary from turbiditic wackes, graphitic phyllites and siltstones to cherty chemical sediments and siliceous oxide ironstones.

The syncline is asymmetrical with the anticlinal axis much closer to the north limb than the south limb. The dominant fracture orientations are north northeast, northwest and northeast. This is further reflected in the orientation of altered gabbro dikes which trend north – south, and north northwest tending diabase and altered gabbro dikes.

GOLD IN BANDED IRONSTONES: AN OVERVIEW OF DEPOSIT MODELS

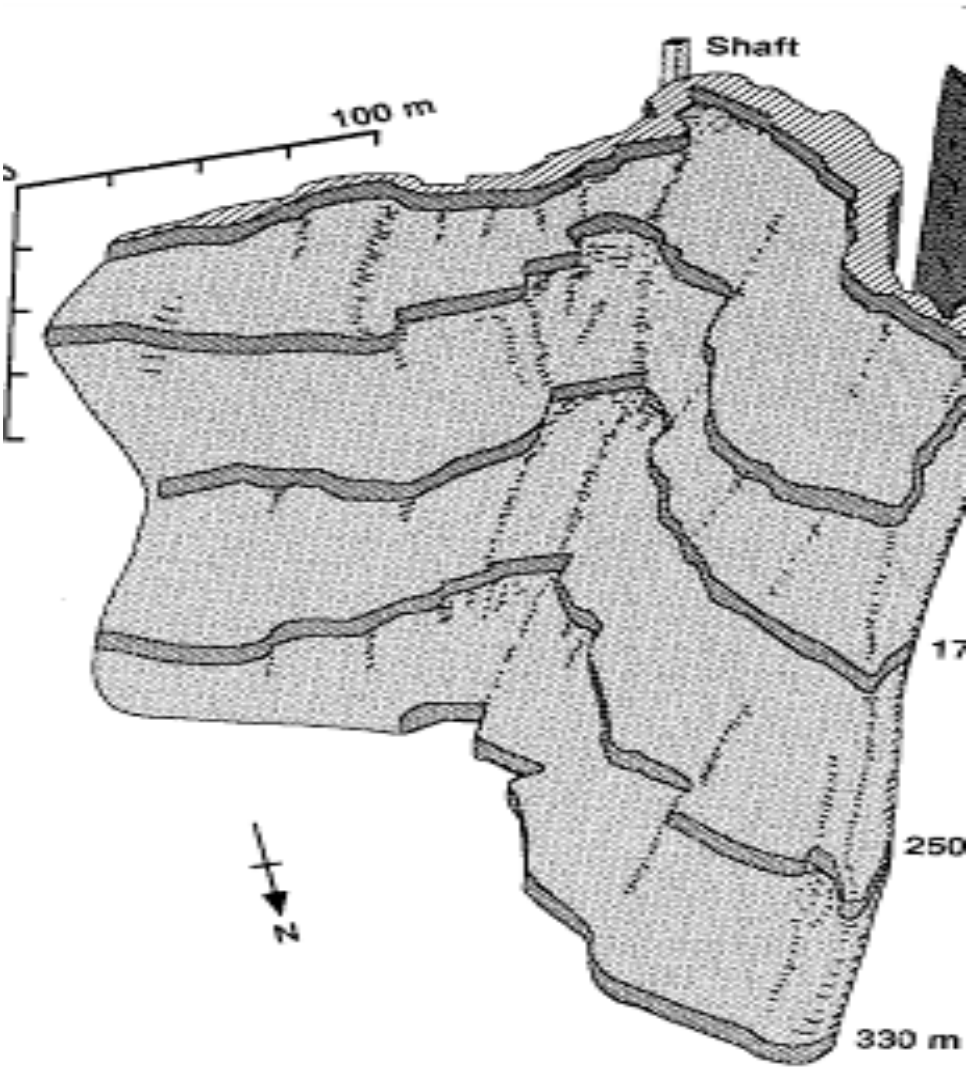

Figure 12: Lupin Ore Zone as Documented by Kerswill (1983). The host environment is a folded and altered BIF with varied alteration and crosscutting mineralization as documented in Figures 10 and 11.

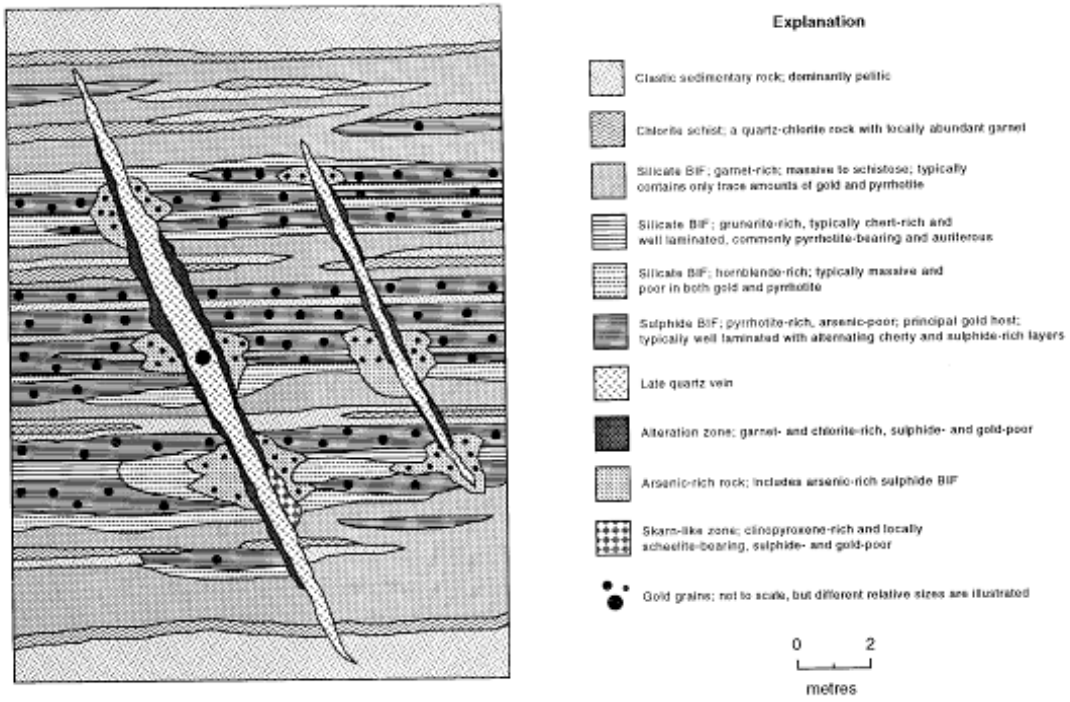

Figure 13: Stratigraphic and structural setting of the Lupin ore Bodies as documented by Kereswill (1983). This image is particularly useful in demonstrating the variations in structural, alteration, host rock and vein associations which in aggregate controlled the gold mineral distribution. This is a pattern which can reasonably be expected in the Temagami Ironstone sequences.

Kerswill (1983) provided a useful synopsis of iron formation hosted gold deposits which was limited by disclosures about Homestake, Back River and Musselwhite at the time provided a useful foundation for understanding and exploring for these potentially world class gold targets. He described stratiform and non stratiform examples and this classification is useful in the context of the Study area.Emerald Lake/ Golden Rose and the Beanland Trend are non stratiform and it is possible that the Sherman Mine South Lime will have stratiform and hybrid gold deposit geometries.

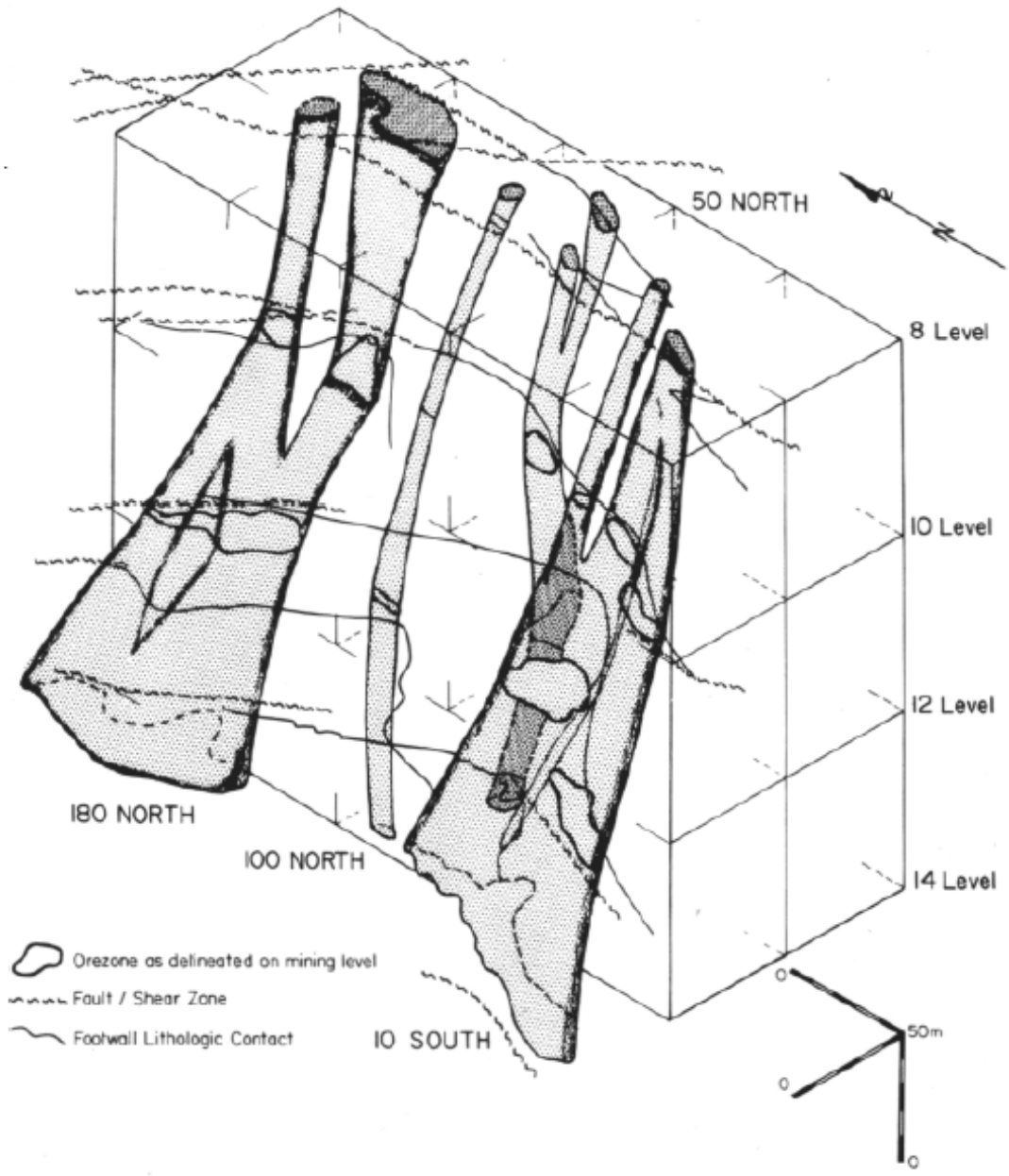

Figure 14: Isometric Projection of the Vubichickwe BIF hosted gold Deposits in Zimbabwe. In this case the ore shoots are localized within the BIF units in linear shoots related to axial planar cross structures. This diagram is from Moss (1990) and documents clearly that within the permissive host horizons the target deposits which are generally iron formations are controlled by cross structures which may coincide with axial planar shears in the folded sequence.

DEPOSIT TYPES

Arsenopyrite was mined from the Big Dan property in the eastern part of Strathy township during the 1920's. Descriptions of this property may be found in earlier reports on the area. The widespread occurrence of arsenopyrite in Strathy township is noteworthy. It is usually in narrow veins, but locally occurs in larger bodies and (within the Beanland Property) as partial replacement of BIF associated with shearing, ferroan carbonate and silicification. This is an important target environment for gold prospecting, especially in the presence of ironstone bands along the Vermillion lake deformation corridor.

Gold is significantly associated with the deformed contacts and crosscutting structures in ironstone in the Temagami area. This is best illustrated by the Golden Rose (Emerald Lake) Mine in Afton Township, 30 km west of the Property, but the model may be applied to other locations in closer proximity, most significantly the Perron/Beanland (gold in shear veins in BIF along the Vermillion lake shear zone). The geometry and controls for these deposits are well illustrated by examples from the Quadilatero Ferrifero in Brazil to the Lupin Mine and the Back River Deposits in Nunavit. The Sherman Mine ironstones are associated with and transitional to pyritic horizons described as sulphide facies iron formation and also graphitic schist zones with disseminated pyrite. The geometry of these sulphide horizons is not well documented in published materials but their presence in association with other undeveloped ironstones in Strathy and Chambers township is suggested by geophysical data. The geometry of gold bearing mineralized zones in and associated with ironstones is quite variable depending on the style of deformation, metamorphic history and intrusive associations. Gold deposits may be associated with brittle – ductile deformation zones cutting the iron rich host, intense strain associated with fold axes or limb slip deformation, or brittle – ductile deformation localized along stratigraphic contacts by the contrasting competence of the ironstone and enclosing dominantly metasedimentary sequences (Kerswill (1993). The key controls in each case are the permissive chemistry of the iron rich minerals (generally magnetite and iron rich silicates such as grunerite or iron rich chlorite) and the process of sulphide replacement of those minerals.

The Sherman Iron Mine, a Joint venture between Dofasco (10%) and Cleveland Cliffs (90%) was the most productive mining operation in the region. Basa (1990) reports that in 22 years of mining between 1968 and 1990 84,603,516 tons of ore produced 27,530,187 tons of pelletized iron concentrate. The oxide iron rich bands were also associated with stratiform pyritic horizons. These iron deposits are generally classified as Algoman Type Iron Formations using the criteria defined by Becker et al. (2010).

EXPLORATION

Although the Golden Rose BIF hosted gold property has been subjected to an extended history of exploration including drilling and underground development this work has been very localized in one discrete ironstone band and scattered diamond drillholes suggesting the presence of some surface mineralized material in the surrounding metasedimentary rocks. This is not well documented in published sources and warrants further investigation.

Exploration in the Main Temagami Camp BIF sequences has been very focused on the iron deposits and (along the Vermillion Trend) the immediate area of exposed gold bearing quartz or arsenopyrite bearing veins in the historic prospects. This study, including observation of the Vermillion Lake Trend, check sampling of the Sherman Tailings, and review of the data available strongly supports commencement of systematic land consolidation and detailed sampling to develop these targets.

Figure 15: Core from Emerald Lake (Golden Rose) property showing ferroan carbonate – pyrite veining and pyrite replacement of ironstone bands in a dominantly brittle environment.

Figure 16: Core from Emerald Lake (GoldenRose) Poperty showing ductile deformation of the chemical sediments and banded ironstone but focus of pyritic / gold bearing material on brittle crosscutting structures.

Figure 17: Cut Core from Emerald Lake with brittle crosscutting quartz and ferroan carbonate veining in BIF.

SAMPLE PREPARATION ANALYSIS AND SECURITY

The samples collected by the author are tailings samples to represent the residues of processed materials or grab samples to test the presence of metals of economic interest in specific documented structural settings and lithologies. The rock chip samples consist of small chips of rock collected with a hammer and chisel along a measured and marked line perpendicular to a vein or stratum of potential interest. The chips are collected with careful attention to represent the contents of the sample site in a manner comparable to a sample collected by a drillhole. The samples range from 1 kg to 2 kg in weight. Tailings samples are collected at GPS controlled sites as composites of sites at measured intervals to characterize the general character of this granular residual material.

The samples are sealed in olefin sample bags, protected in a sealed shipping canister and delivered directly to the laboratory for preparation and analysis. After crushing to 20 mesh, a 100 gram subsample is fully pulverized for analysis. Of this subsample 30 grams are selected for fire assay preconcentration and AA finish for gold. All samples with gold values exceeding 500 parts per billion (0.5 grams Au per tonne) are routinely resampled and tested using fire assay preconcentration and gravimetric finish. Any samples showing erratic high values suggesting a nugget effect are re-examined and re tested using larger subsamples and metallic sieve analysis. A 0.5 gram subsample is dissolved in aqua regia and analysed using ICP multi element scans (for 35 elements). Due to the small sample population no certified standards are submitted with the samples. The sample locations and results are documented in table 3 in this report.

The samples were retained in the author's possession until they were packaged in secured sample shipping bags for commercial delivery to Accurassay Laboratories in Thunder Bay, Ontario. Each sample was photographed as it was catalogued and a complete reference suite of duplicates is retained in Temagami Gold's office in Cobalt, Ontario.

RELATED PROPERTIES WITH ASSOCIATED BIF

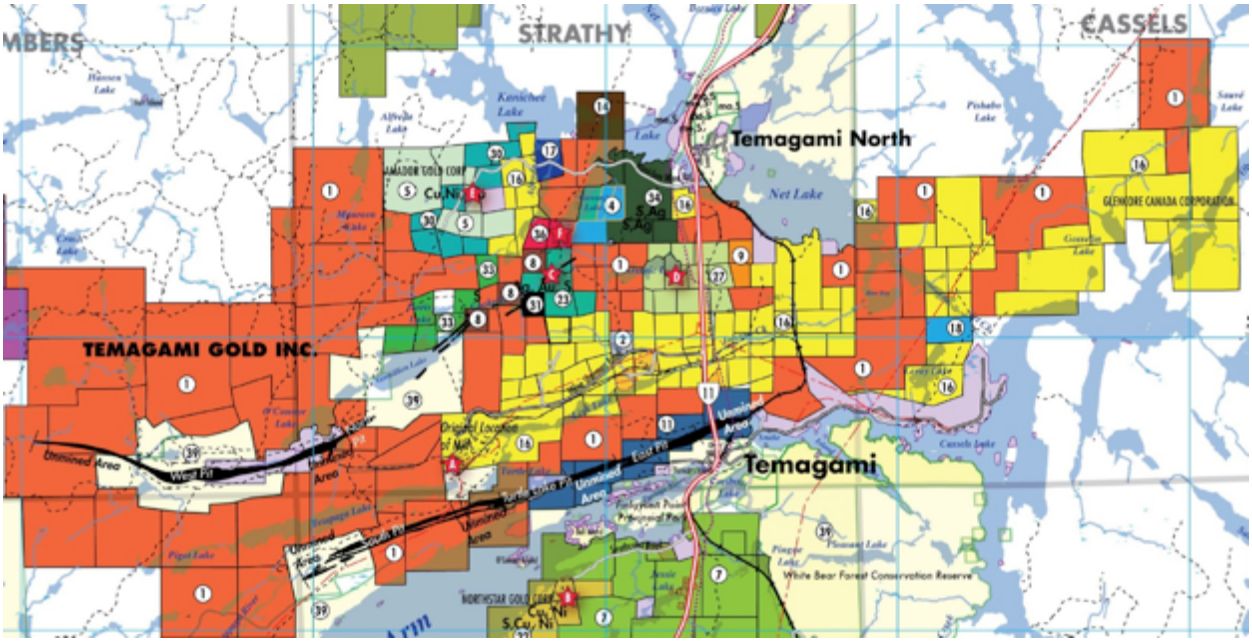

Figure 18: Detail of property showing the Sherman Mine pits and the Clenor property (yellow – see legend)

The Clenor Property lies 13 km east northeast from the Property in a similar stratigraphic setting within the volcanic sequence. Kelly (1983) documents the prospect based on a property examination and discussions with the owner Alex Perron. The Clenor gold mineralized veins were the subject of active exploration during the 1930's but was inactive after 1940. The veins were examined in trenches, drilled to the 325 foot level and then explored with a 500 foot shaft with lateral development on the 175, 325 and 475 levels. The pyritic polymetallic veins were reported to average 1.2 meters in width with average grade ranging from 0.1 oz to 0.34 ounces per ton (3.2 g/t to 10.5 g/t). An adit 300 meters north of the main shaft explored another vein with significant pyrite, sphalerite and chalcopyrite in addition to the reported gold. This suggests the presence of multiple mineralized targets One diamond drillhole north of the shaft intersected 0.3 ounces of gold per ton across 1.52 meters. This suggests the value of carefully testing the deformed ironstones in this corridor as new targets. Historic work has concentrated on the quartz – sulphide veins. The Author examined the area May 16 2014 and the results of that examination have been instrumental in developing the models in this report. The deformation zone, the extensive alteration dominated by silica, carbonate, secondary biotite and sulphidation of ironstone lenses and the strongly tabular nature of the target zone beyond the veins which were the historic targets render this a key segment in a well defined corridor of interest.

The Sherman Iron Mine, a Joint venture between Dofasco (10%) and Cleveland Cliffs (90%) was the most productive mining operation in the region. Basa (1990) reports that in 22 years of mining between 1968 and 1990 84,603,516 tons of ore produced 27,530,187 tons of pelletized iron concentrate. The Sherman Mine exploited the thicker portions of the iron formation horizon in the south limb of the synform. The Oxide iron rich bands were also associated with stratiform pyritic horizons. Other iron deposits and prospects on strike or in the folded repetition of the Sherman mine contain similar material but the north limb of the synform is thinner and disrupted by intrusive rocks and faults.

Figure 19: South Band Iron Formation in Highway Roadcut showing sulphide replacements in an isoclinal fold closure. This outcrop is adjacent to a lenticular quartz – tourmaline vein, Figure 16, with reported gold values. This is the environment, with intense brittle – ductile deformation and sulphide replacement of magnetite, which is deemed the likely source of the reported gold values from the Sherman BIF.

Figure 20: South Band Iron Formation in Highway Roadcut showing a quartz – tourmaline vein from which MNDM sampling documented gold values of 3,29 grams per tonne (Grabowski 2005). This is part of a zone of quartz stockworks adjoining the outcrop documented in Figure 19.

OTHER RELEVANT DATA AND INFORMATION

The author found no evidence for substantive environmental problems, social, or security concerns although a detailed investigation of these issues was not conducted. The Sherman Mine Pits and tailings are being processed for reclamation but Temagami Gold Inc. controls a significant portion of the prospective environment and is well placed to consolidate the remaining land when it is released by the MNDM. The prevailing regulations in Ontario require active consultation and permissions from the Temagami First Nation as part of permitting for any mechanical exploration work. Although the project benefits from active participation from members of this community the process of consultation and MNDM permitting will require allocation of some time and resources as part of the initial phase of the program.

During this field trip the author interacted informally with residents in Temagami and noted enthusiastic support for the exploration and mining activity and interest in the prospect of employment. The district was excluded from the various exploration and development boom cycles which let to major developments in other greenstone terranes in Canada and with careful, systematic exploration the potential for new metallic and diamond mineral discoveries is excellent in the subject property and the region.

INTERPRETATION AND CONCLUSIONS

This reconnaissance study has confirmed the presence of significant gold concentrations in the Sherman Mine Tailings and identified three specific areas of focus for bedrock Exploration in the Temagami area in addition to contemplation of the Golden Rose/ Emerald Lake area. All of these environments of interest require a cautious strategic approach to land consolidation, technical advancement and financing. The scope of work required suggests that the investigation is broken into a Sherman Mine area program (including tailings) and its eastern extensions, the Vermillion Lake Trend including the Teck Vermillion Lake, Leckie and Beanland properties, the Northwestern extensions of the North Limb, and a regional approach to the Emerald Lake System.

RECOMMENDATIONS

1. Consolidation of all mineral titles along the south limb of the Sherman Ironstone including lands currently held in reserve for reclamation by the MDNM.

2. Systematic sampling, preferably by vibrasonic or other low cost drilling suitable for friable material, of the Sherman mine tailings to define more correctly the potential grade and volume of gold bearing tailings.

3. Preliminary Metallurgical work to confirm that (subject to confirmation of grades) the gold in the tailings is amenable to low cost extraction.

4. Systematic geological studies including geological, structural modeling, mapping and intensive rock sampling to define the scope of the gold targets in the ironstone throughout the district.

5. Consolidation of the Vermillion Lake trend for systematic ground geophysics and drilling including the Big Dan, Little Dan/Leckie, Perron Beanland and Teck Vermillion Lake properties. This is a significant deformation corridor in which multistage and polymetallic As – Fe mineralization are controlled by iron rich host rocks silicification and carbonate alteration. The potential for a substantial, continuous and readily explored gold deposit is good and ore grade gold is exposed on surface and in localized workings. The key to advancing this trend is a more comprehensive approach whereas all historic work has been very localized in the exposed quartz veins or arsenopyrite showings.

6. Systematic study of the Golden Rose Mine/ Emerald Lake area including both of the mapped ironstone bands and the enclosing host rocks. The gold deposit which has been defined to date is localized in one ironstone band and dominated by quartz – pyrite veining and alteration and carbonate alteration in brittle deformation zones. It is probable that additional mineralized material exists in varied environments and in the second BIF horizon which lies 5 km south of the known deposit.

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SCHEDULE A: QUALIFICATIONSSTATEMENT OF QUALIFICATIONS
David A. Bending, M.Sc., P. Geo (BC), August 12, 2014

I, David A. Bending, M.Sc., P. Geo, of 4790 Caughlin Parkway #171, City of Reno, State of Nevada 89509-0907, hereby certify:

1. That I am registered as a Professional Geoscientist #20548 in the Province of British Columbia and have maintained my status as such since initial registration in August 1993.

2. That I have earned a degree of Bachelor of Science in Geology in the University of Oregon in 1976 and Master of Science in Geology at the University of Toronto in 1983.

3. That I have practiced my profession in the field of mineral exploration and mining continuously since 1976.

4. That I have 28 years of experience in evaluation, discovery and development of metals and mineral deposits in North and South America, Europe, Asia and Africa.

5. That I have extensive professional experience and detailed knowledge of Canadian American Exploration and Mining issues and in particular Ontario.

6. That I have read the definition of "qualified person" as defined in National Instrument 43-101 ("**NI 43-101**") and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements to be a "qualified person" for the purposes of NI 43-101

7. That I am responsible for the preparation of this confidential report addressing gold targets with emphasis on BIF environments in the Temagami area, Ontario

8. I visited this property in May 2014 for four days and further examined other significant prospects and geological features in the region during the four day field study.

9. That I personally conducted the examination reported in the Report and (except as duly cited previous work) am responsible for the content of the Report.

10. That I have had no prior direct involvement with the property that is the subject of the Report.

11. That I was contracted to prepare the Report by Temagami Gold Inc. as an independent professional geologist. I have no interest in the properties described herein, or any securities of any company associated with Temagami Gold Inc. I am independent of Temagami Gold Inc. applying all of the tests in section 1.5 of NI 43-101.

12. This report is no intended for use pursuant to public disclosure compliant with NI 43-101 and uses a different format. It also utilizes some important historic data which predate NI 43-101 but have been substantially verified by this study.

13. That, as at the effective date of the Report, to the best of my knowledge, information and belief, the Report contains all scientific and technical information that is required to be disclosed to make the Report not misleading.

14. That I consent to the use of this Report for private corporate purposes subject to the condition that I must be cited as the Qualified Person responsible for the cited representations and that any such disclosures are subject to my approval.

Dated in Reno, Nevada this 12th day of August, 2014.

David A. Bending, M.Sc. P. Geo

SCHEDULE B:

ANALYTICAL REPORTS FOR THE SAMPLES IN THIS REPORT

ACCURASSAY LABORATORIES
1046 Gorham Street
Thunder Bay, ON
Canada P7B 5X5
Tel: (807) 626-1630
Fax: (807) 622-7571
www.accurassay.com
assay@accurassay.com

Wednesday, July 16, 2014

Final Certificate

Temagami Gold Inc.
4410 Mountaingate
Reno, NV, USA
89519
Ph#: (775) 759-1065
Email: dabending@cs.com, ginochitaroni@hotmail.com

Date Received: 06/05/2014
Date Completed: 06/23/2014
Job #: 201441173
Reference:
Sample #: 55

Acc #	Client ID	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
90934	341759	<1	0.43	222	<1	6	8	0.64	36	116	40	420	36.27	0.36	5	0.78	619	81	9616	<100	10	7	<5	12	74	336	<2	17	<10	3	75
90935	341760	<1	4.00	6	<1	3	<1	1.33	14	242	382	1286	16.50	0.39	39	3.03	926	48	1152	286	<1	6	11	<10	120	1307	<2	119	<10	7	106
90936	341769	<1	3.62	14	226	2	<1	5.11	<4	36	70	196	4.21	0.86	15	0.51	926	21	163	787	<1	<5	<5	<10	613	3990	<2	87	11	13	28
90937	341770	<1	<0.01	25	<1	<2	65	2.22	15	31	753	696	5.95	<0.01	<1	4.57	676	1	1119	311	6	5	5	<10	43	906	<2	60	<10	5	70
90938	341771	<1	<0.01	14	<1	<2	15	1.57	38	537	210	94	16.15	0.26	3	2.31	523	<1	601	224	16	5	7	<10	71	2641	<2	157	<10	6	131
90939	341767	<1	0.55	252	<1	<2	47	<0.01	30	21	60	609	14.12	0.24	12	1.15	1025	<1	62	<100	18	<5	<5	<10	49	2142	<2	145	<10	16	201
90940	341772	<1	2.35	151	67	<2	54	2.42	25	114	10	833	12.69	0.62	29	1.52	1587	<1	62	106	22	<5	11	<10	78	1671	<2	178	24	13	176
90941	341773	<1	0.98	27	43	<2	33	<0.01	18	10	114	56	9.47	0.41	25	1.85	1572	<1	29	125	5	7	<5	<10	43	4023	<2	241	11	8	158
90942	341774	24	<0.01	124309	142	<2	248	<0.01	19	86	10	1866	9.75	0.24	<1	0.18	129	<1	13	<100	77	16	9	13	45	468	<2	12	15	12	79
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90944D	341775	20	7.67	1191	913	<2	106	0.64	25	13	37	172	3.71	1.39	40	0.27	104	8	6	<100	23	5	21	10	101	1017	<2	20	44	20	1472
90945	341776	<1	0.58	114	949	<2	<1	0.46	13	2	18	34	0.84	0.24	<1	0.11	167	2	5	<100	273	<5	8	<10	60	306	<2	8	21	20	1129
90946	341777	<1	0.58	148117	256	<2	116	<0.01	24	15	22	430	9.94	0.32	1	0.12	160	2	13	200	14	18	<5	<10	56	1131	<2	26	12	14	45
90947	341819	<1	<0.01	364	<1	<2	<1	0.23	9	3	40	19	3.76	0.02	<1	0.23	784	3	13	<100	7	<5	<5	<10	47	178	<2	21	<10	2	4
90948	341821	<1	<0.01	436	<1	<2	27	0.19	17	7	20	20	7.10	0.33	<1	0.58	1859	1	14	133	15	<5	<5	<10	62	219	<2	9	<10	2	36
90949	341822	<1	1.07	369	5	<2	29	<0.01	26	27	63	23	11.06	0.39	26	1.17	839	5	72	330	45	<5	<5	<10	60	260	<2	44	25	5	92
90950	341827	<1	6.32	66	87	<2	23	7.31	25	63	145	907	10.29	0.74	22	4.70	1696	5	99	553	7	9	<5	12	592	6935	<2	446	30	35	160
90951	341763	<1	<0.01	72	193	<2	<1	>10.00	16	48	541	92	6.54	0.47	<1	1.93	2166	<1	380	230	12	<5	<5	<10	279	2933	<2	83	13	7	32
90952	341778	<1	<0.01	14	<1	<2	32	0.49	34	<1	11	2	10.26	<0.01	<1	0.48	312	<1	3	246	9	6	<5	<10	81	123	<2	43	38	3	21
90953	341779	<1	<0.01	25	26	<2	18	0.40	38	3	36	3	15.31	0.20	<1	0.18	340	5	3	431	16	8	<5	10	95	178	<2	13	84	3	28

PROCEDURE CODES: ALP1, ALFA4, ALPG2, ALMA1, ALFA7, ALNiMA2, ALAsMA2, ALCuMA2, ALPbMA2, ALZnMA2

Certified By: Jason Ploeger, VP Operations, Assayer

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ACCURASSAY LABORATORIES
1046 Gorham Street
Thunder Bay, ON
Canada P7B 5X5
Tel: (807) 626-1630
Fax: (807) 622-7571
www.accurassay.com
assay@accurassay.com

Wednesday, July 16, 2014

Final Certificate

Temagami Gold Inc.
4410 Mountaingate
Reno, NV, USA
89519
Ph#: (775) 759-1065
Email: dabending@cs.com, ginochitaroni@hotmail.com

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90959	341764	<1	0.72	104	127	<2	15	1.43	37	7	46	42	15.91	0.84	3	0.40	332	7	7	101	26	<5	<5	<10	92	255	<2	17	<10	3	35
90960	341765	<1	<0.01	9	61	<2	115	2.22	104	4	6	11	42.42	0.42	<1	0.61	935	4	4	2054	24	5	<5	<10	123	330	<2	21	54	7	96
90961	341766	<1	5.85	258	981	2	39	1.24	25	58	29	137	11.11	0.96	11	0.77	306	24	73	550	23	<5	<5	17	93	1288	<2	39	25	15	58
90962	341767	<1	<0.01	56	75	<2	54	0.27	48	4	20	95	19.70	0.43	<1	0.16	622	4	5	490	25	8	<5	<10	71	243	<2	31	29	4	49
90963	341768	<1	<0.01	20	104	<2	59	0.42	41	2	29	304	17.31	0.63	<1	0.27	1096	6	3	281	18	<5	<5	<10	78	205	<2	5	<10	3	45
90968	341764	<1	1.30	15	<1	<2	32	2.49	9	22	132	10	3.50	0.13	5	2.01	721	<1	103	302	<1	5	<5	<10	203	637	<2	52	20	5	51
90969	341815	1	<0.01	14	56	<2	64	2.29	25	152	2930	6690	11.08	0.53	1	>10.00	1317	<1	4034	<100	15	<5	12	11	125	2110	<2	95	12	4	172
90970	341816	91	<0.01	17	<1	<2	44	4.05	40	34	498	115247	11.38	0.17	<1	4.50	822	<1	564	109	678	<5	43	<10	68	998	<2	86	<10	5	261
90971	341817	14	<0.01	191	<1	<2	20	0.64	33	271	693	37668	9.30	<0.01	<1	3.38	476	<1	16533	140	66	6	<5	<10	49	616	<2	55	<10	2	139
90972	341818	<1	0.20	20	143	<2	53	0.82	40	7	47	211	20.26	0.87	5	0.22	983	6	90	207	20	<5	<5	10	89	243	<2	14	14	9	96
90973	341820	<1	1.96	666	268	<2	19	1.02	22	22	66	173	9.26	1.31	6	0.09	333	12	137	262	46	5	<5	<10	107	341	<2	10	30	3	39
90974	341751	<1	6.84	15068	138	<2	50	>10.00	24	96	126	346	10.17	1.09	40	2.48	1212	5	1102	3033	10	13	<5	10	172	7652	<2	393	38	49	48
90975	341752	<1	2.27	357	148	<2	44	5.26	61	120	1032	236	25.50	1.03	16	1.98	3375	5	1333	329	26	7	<5	13	112	4664	<2	317	27	7	145
90976	341753	53	1.84	1076	211	<2	73	5.39	104	48	707	381	4.84	1.19	14	2.08	2191	47	472	268	2014	8	<5	11	176	448	<2	89	68	6	4228
90977D	341753	61	1.84	1099	230	<2	30	5.51	104	50	725	393	4.56	1.32	14	2.27	2242	47	487	272	2013	<5	7	12	176	450	<2	90	71	5	4254

PROCEDURE CODES: ALP1, ALFA4, ALPG2, ALMA1, ALFA7, ALNiMA2, ALAsMA2, ALCuMA2, ALPbMA2, ALZnMA2

Certified By: Jason Ploeg, VP Operations, Assayer

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ACCURASSAY LABORATORIES
1046 Gorham Street
Thunder Bay, ON
Canada P7B 5X5
Tel: (807) 626-1630
Fax: (807) 622-7571
www.accurassay.com
assay@accurassay.com

Wednesday, July 16, 2014

Final Certificate

Temagami Gold Inc.
4410 Mountaingate
Reno, NV, USA
89519
Ph#: (775) 759-1065
Email: dabending@cs.com, ginochitaroni@hotmail.com

Date Received: 06/05/2014
Date Completed: 06/23/2014
Job #: 201441173
Reference:
Sample #: 55

Acc #	Client ID	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
90978	341754	<1	1.26	1314	205	<2	<1	3.90	25	51	412	97	10.59	0.65	20	1.32	2061	2	173	208	46	<5	<5	<10	152	2084	<2	162	26	5	87
90979	341755	22	1.98	2289	523	<2	16	0.64	143	50	813	170	5.87	1.13	11	0.33	135	10	496	201	761	<5	<5	12	92	569	<2	152	63	3	3981
90980	341756	6	2.76	683	168	<2	62	2.33	35	41	602	142	7.47	1.11	31	2.16	726	8	417	124	1072	<5	6	<10	116	582	<2	160	42	4	634
90981	341757	<1	<0.01	36	<1	<2	<1	4.92	12	47	578	92	4.49	0.01	<1	4.74	1274	<1	461	267	16	<5	<5	<10	156	1267	<2	90	12	8	61
90982	341765	<1	4.97	82	609	<2	12	0.31	15	53	61	51	6.28	1.46	4	0.46	107	7	58	404	11	<5	<5	<10	96	824	<2	132	24	6	26
90983	341766	<1	2.60	94	392	<2	20	0.44	12	42	43	44	4.66	1.13	<1	0.31	132	12	43	265	12	5	<5	<10	84	652	<2	97	11	5	17
90984	341824	<1	0.22	73	61	<2	<1	1.42	6	13	48	28	2.19	0.60	3	0.86	306	7	24	169	5	<5	<5	<10	85	420	<2	50	<10	4	17
90985	341825	<1	2.05	132	273	<2	23	3.63	10	22	75	809	4.55	1.37	6	0.44	305	31	34	137	11	5	7	11	132	400	<2	31	<10	3	20
90986	341826	<1	2.20	233	307	<2	73	2.24	7	21	77	85	2.96	0.96	2	0.30	222	31	30	165	12	6	<5	<10	113	585	<2	56	<10	5	3
90987	341808	2	3.37	96	473	<2	24	7.58	22	16	114	168	3.97	0.32	6	2.61	2512	3	60	1023	561	6	<5	<10	249	331	<2	82	31	9	1398
90988D	341808	3	4.33	113	692	<2	36	8.99	24	18	126	219	4.81	0.70	9	3.31	3302	5	67	1121	612	8	5	<10	291	416	<2	89	41	10	1572
90989	341809	<1	5.73	156	1221	<2	42	>10.00	24	34	105	276	6.91	1.06	12	3.77	4239	11	111	1392	633	10	7	<10	316	451	<2	96	33	12	916
90990	341810	21	<0.01	235	347	<2	34	9.80	115	42	33	995	6.19	0.42	3	3.76	2361	7	116	441	7797	20	<5	<10	198	256	<2	27	165	5	12225
90991	341811	<1	8.53	43	1259	<2	<1	5.84	7	14	93	118	2.78	1.41	23	2.09	1079	6	117	702	89	10	<5	11	509	501	<2	66	19	9	181
90992	341812	3	3.39	257	493	<2	28	>10.00	18	32	86	242	6.96	1.08	9	5.01	4545	10	123	1007	449	12	9	10	320	303	22	70	15	9	135
90993	341813	<1	4.42	169	605	<2	<1	>10.00	14	38	121	613	5.65	1.48	13	5.44	3246	9	157	857	1501	8	<5	12	394	382	<2	73	13	9	146
90994	341814	<1	5.46	136	843	<2	22	8.96	13	26	97	144	4.28	0.99	13	3.31	2405	8	109	1105	384	8	10	<10	373	559	<2	85	18	11	364
90995	341701	<1	5.39	27	1301	<2	21	1.50	9	11	47	30	3.72	0.57	12	1.17	473	6	51	506	9	<5	9	<10	271	405	<2	63	15	6	236
90996	341702	8	<0.01	48	172	<2	18	>10.00	9	8	36	90	3.27	0.20	5	3.79	4832	5	61	162	1335	6	9	<10	204	211	<2	14	14	3	68

PROCEDURE CODES: ALP1, ALFA4, ALPG2, ALMA1, ALFA7, ALNiMA2, ALAsMA2, ALCuMA2, ALPbMA2, ALZnMA2

Certified By: Janice Myers, VP Operations, Assayer

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ACCURASSAY LABORATORIES
1046 Gorham Street
Thunder Bay, ON
Canada P7B 5X5
Tel: (807) 626-1630
Fax: (807) 622-7571
www.accurassay.com
assay@accurassay.com

Tuesday, August 12, 2014

Final Certificate

Temagami Gold Inc.
4410 Mountaingate
Reno, NV, USA
89519
Ph#: (775) 759-1065
Email: dabending@cs.com, ginochitaroni@hotmail.com

Date Received: 06/05/2014
Date Completed: 06/23/2014
Job #: 201441173
Reference:
Sample #: 55

Acc #	Client ID	Au g/t (ppm)	Au Grav ppm
90934	341759	0.008	
90935	341768	<0.005	
90936	341769	<0.005	
90937	341770	<0.005	
90938	341771	0.017	
90939	341767	0.032	
90940	341772	0.031	
90941	341773	0.006	
90942	341774	>10.000	12.921
90943	341775	2.240	
90944	341775 Dup	2.141	
90945	341776	0.031	
90946	341777	1.821	
90947	341819	0.018	
90948	341821	0.008	
90949	341822	0.036	
90950	341827	0.335	
90951	341763	0.006	
90952	341778	0.011	
90953	341779	0.017	
90954	341780	3.232	
90955	341780 Dup	2.903	
90956	341781	0.022	
90957	341782	0.010	
90958	341783	>10.000	16.854

APPLIED SCOPES: ALP1, ALFA4, ALPG2, ALMA1, ALFA7, ALNiMA2, ALAsMA2, ALCuMA2, ALPbMA2, ALZnMA2

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

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

Authorized By:
Jason Moore, VP Operations, Assayer

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Ph#: (775) 750-1065
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Date Received: 06/05/2014
Date Completed: 06/23/2014
Job #: 201441173
Reference:
Sample #: 55

Acc #	Client ID	Au g/t (ppm)	Au Grav ppm
90959	341784	0.065	
90960	341785	0.028	
90961	341786	0.024	
90962	341787	0.559	
90963	341788	0.050	
90968	341764	0.147	
90969	341815	0.049	
90970	341816	0.047	
90971	341817	0.023	
90972	341818	<0.005	
90973	341820	0.062	
90974	341751	0.029	
90975	341752	0.058	
90976	341753	2.582	
90977	341753 Dup	2.309	
90978	341754	0.467	
90979	341755	9.445	7.037
90980	341756	2.399	
90981	341757	0.018	
90982	341765	0.135	
90983	341766	<0.005	
90984	341824	0.166	
90985	341825	0.712	
90986	341826	0.368	
90987	341808	0.054	

APPLIED SCOPES: ALP1, ALFA4, ALPG2, ALMA1, ALFA7, ALNiMA2, ALAsMA2, ALCuMA2, ALPbMA2, ALZnMA2

Validated By: **Certified By:** **Authorized By:**

Tuesday, August 12, 2014

Final Certificate

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Date Received: 06/05/2014
Date Completed: 06/23/2014
Job #: 201441173
Reference:
Sample #: 55

Acc #	Client ID	Au g/t (ppm)	Au Grav ppm
90988	341808 Dup	0.061	
90989	341809	0.111	
90990	341810	0.191	
90991	341811	0.007	
90992	341812	0.165	
90993	341813	0.071	
90994	341814	0.055	
90995	341701	0.011	
90996	341702	0.030	

APPLIED SCOPES: ALP1, ALFA4, ALPG2, ALMA1, ALFA7, ALNiMA2, ALAsMA2, ALCuMA2, ALPbMA2, ALZnMA2

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

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

Authorized By:
Jason Moore, VP Operations, Assayer

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AL905-1841-08/12/2014 2:54 PM

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Thunder Bay, ON
Canada P7B 5X5
Tel: (807) 626-1630
Fax: (807) 622-7571
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Tuesday, August 12, 2014

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Date Received: 06/05/2014
Date Completed: 06/23/2014
Job #: 201441173
Reference:
Sample #: 55

Control Standards

QC Type	QC Performance (ppm)	Mean (ppm)	Std Dev (ppm)
APP9	0.345	0.290	0.041
WMS1	0.274	0.300	0.040
APP9	0.325	0.290	0.041
APP9	0.247	0.290	0.041
APP9	0.297	0.290	0.041
WMS1	0.237	0.300	0.040
APP9	0.282	0.290	0.041

APPLIED SCOPES: ALP1, ALFA4, ALPG2, ALMA1, ALFA7, ALNiMA2, ALAsMA2, ALCuMA2, ALPbMA2, ALZnMA2

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

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

Authorized By:
Jason Moore, VP Operations, Assayer

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TVX GOLD INC

Suite 4300, Canada Trust Tower
BCE Place, 161 Bay Street
Toronto, Ontario, Canada
M5J 2S1
Tel: (416) 366-8160
Fax: (416) 366-8163

July 21, 1995

Temprock Aggregates Limited
P.O.Box 70,
Temagami, Ontario,
P0H 2H0

Attention: Gord Fuller
Operations Manager

Dear Gord;

The accompanying fax note was received over the weekend in response to my follow up call on the samples we took from the Sherman Mine Site tailings last week.

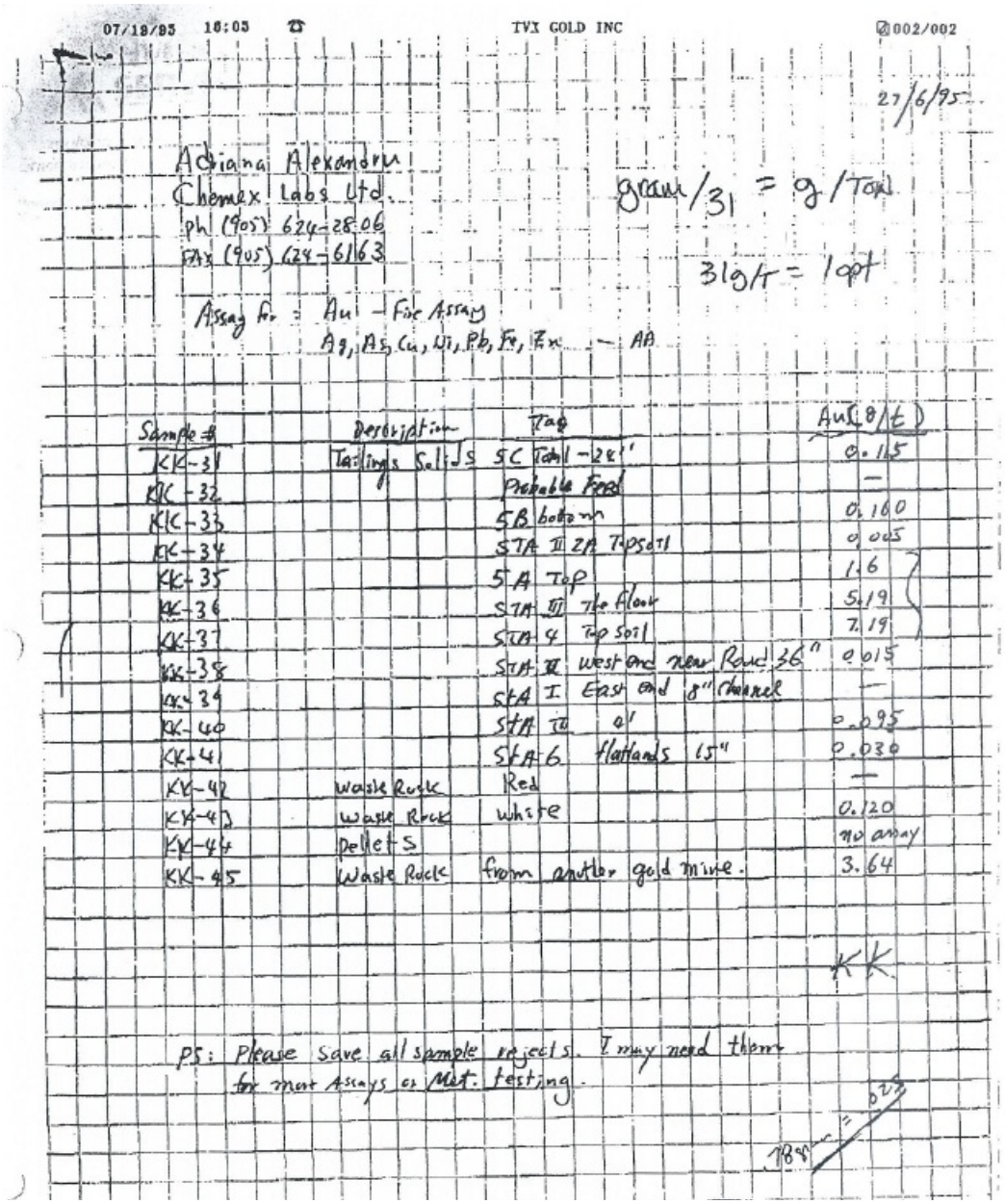
There is enough evidence to warrant an organized grid system sampling of the entire tailings area. We would also like to inspect the old ore body sites that we talked about last week for potential originating sources.

Sincerely,

M.A. Werner

Michael A. Werner

Vice President and
Chief Operating Officer
North America and Europe



07/19/95 16:05 ☎ TVX GOLD INC 002/002

27/6/95

Adriana Alexandru
Chemex Labs Ltd.
ph (905) 624-2806
Fax (905) 624-6163

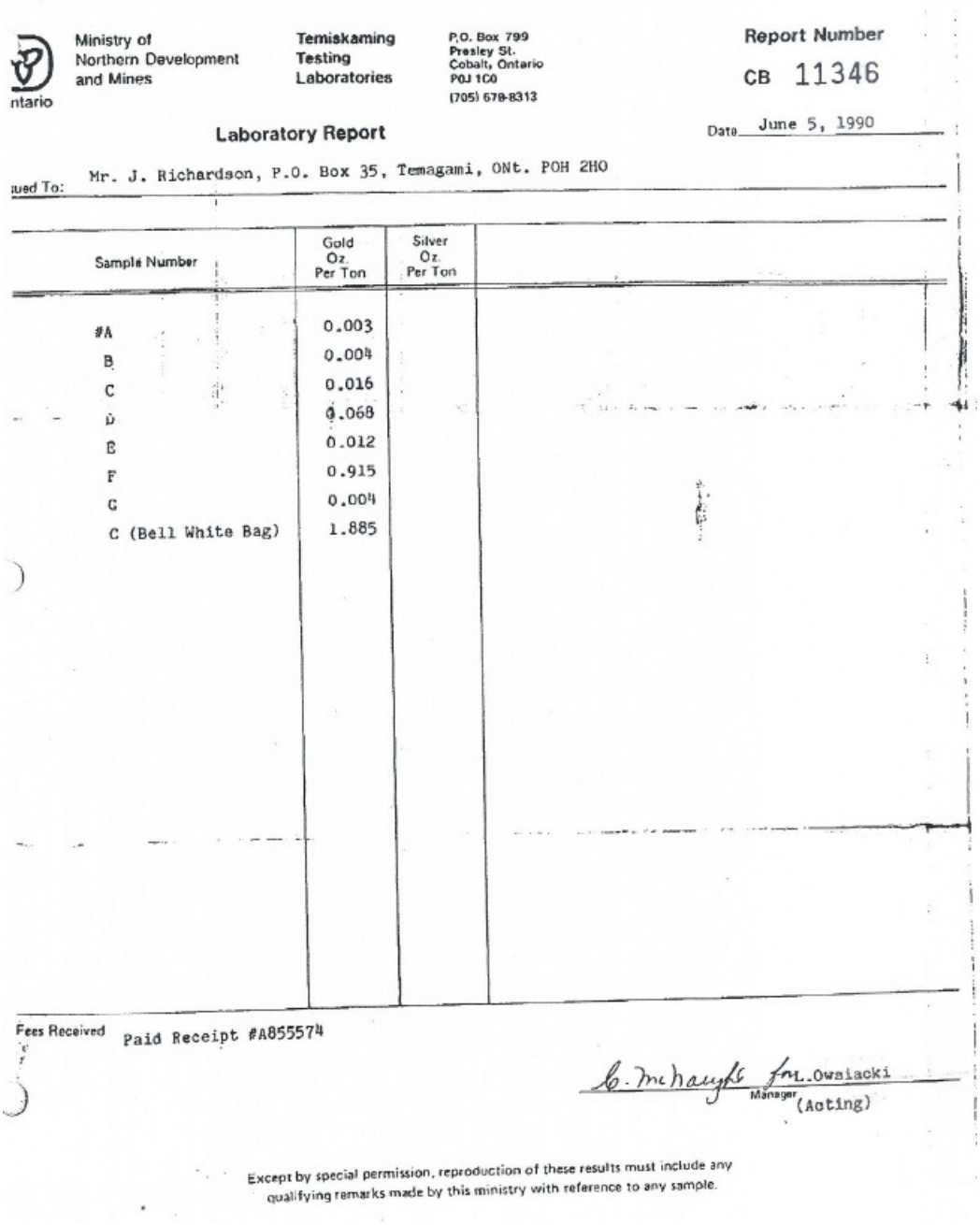
gram/31 = g/Tonne
31g/t = 1opt

Assay for : Au - Fire Assay
Ag, As, Cu, Ni, Pb, Fe, Zn - AA

Sample #	Description	Tag	Au(g/t)
KK-31	Tailings Solids	SC Tail -2ft'	0.15
KK-32		Probable Food	—
KK-33		SB bottom	0.160
KK-34		STA II ZA Topsoil	0.005
KK-35		STA A Top	1.6
KK-36		STA III The floor	5.19
KK-37		STA 4 Top Soil	7.19
KK-38		STA II west end new Road 36"	0.015
KK-39		STA I East end 8" channel	—
KK-40		STA III 0'	0.095
KK-41		STA 6 Flatlands 15"	0.030
KK-42	Waste Rock	Red	—
KK-43	Waste Rock	White	0.120
KK-44	Pellets		no assay
KK-45	Waste Rock	from another gold mine.	3.64

KK

PS: Please save all sample rejects. I may need them for more Assays or Met. testing.



Ministry of Northern Development and Mines

Temiskaming Testing Laboratories

P.O. Box 799
Presley St.
Cobalt, Ontario
P0J 1C0
(705) 679-8313

Report Number
CB 11346

Laboratory Report

Date June 5, 1990

ued To: Mr. J. Richardson, P.O. Box 35, Temagami, ONt. P0H 2H0

Sample Number	Gold Oz. Per Ton	Silver Oz. Per Ton
#A	0.003	
B	0.004	
C	0.016	
D	0.068	
E	0.012	
F	0.915	
G	0.004	
C (Bell White Bag)	1.885	

Fees Received Paid Receipt #A855574

B. McNaught for L. Owsiacki
Manager (Acting)

Except by special permission, reproduction of these results must include any qualifying remarks made by this ministry with reference to any sample.