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Technical Report on
Prospecting
For the
Pleson Ashmore Property

Ashmore Township,
Thunder Bay Mining Division
Ontario, Canada

Work Performed on
Mining Claim
4277941

Alex Pleson, Exploration Consultant

August 6th, 2016

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1.0 Introduction

1.1 - Purpose

This report has been produced to meet the requirements for filing Assessment Work under the Ontario Mining Act. This report covers prospecting on the property in April 2016. The report includes the findings from two days of prospecting on April 12th and 13th 2016.

1.2 - Program Overview

The exploration program was designed to examine the potential for gold mineralization and locate any outcrops on the property. Due to the small size of the property most of the sub-crop and large floats/talus were examined over the 2-day period. The property is highly contaminated by waste rock from the Macleod-Cockshutt mining operation.

2.0 Accessibility, Geography and Climate

2.1 - Accessibility

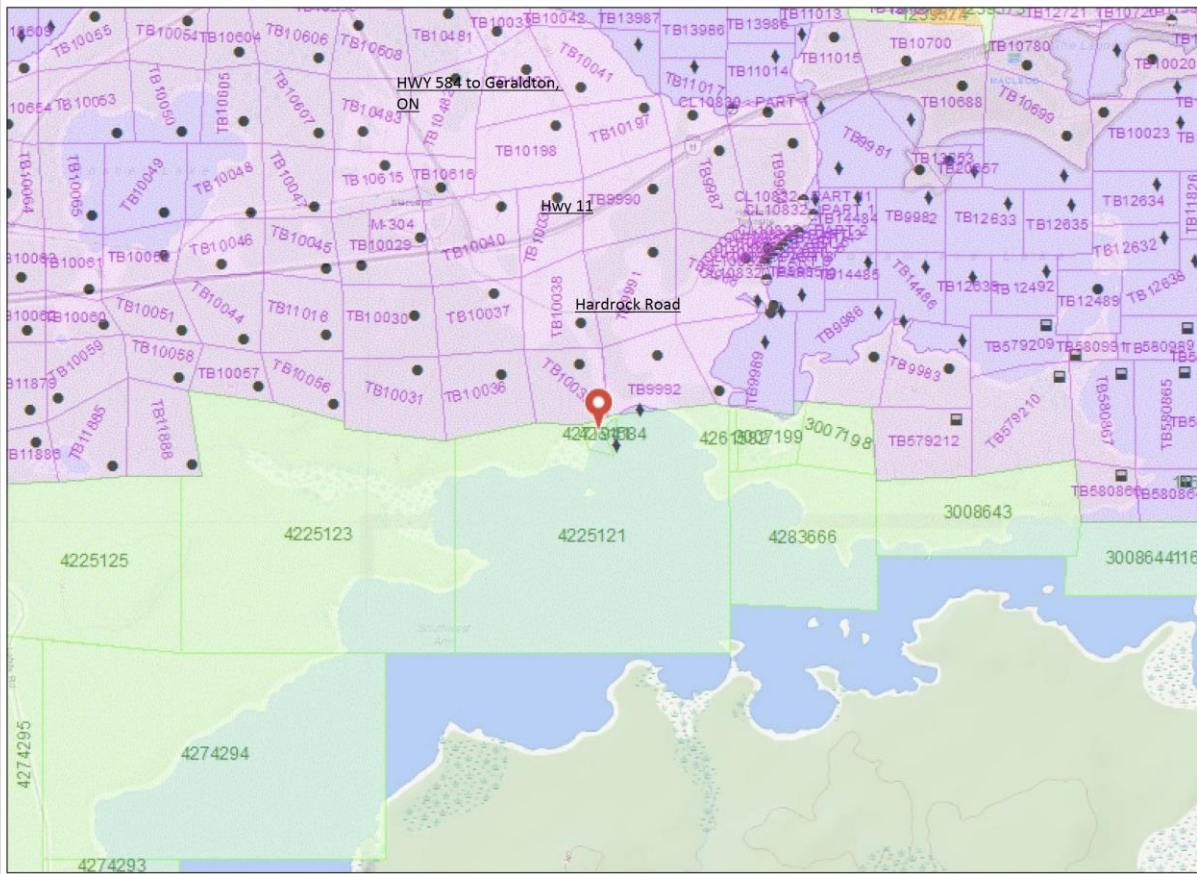
The Pleson Ashmore Property consists of 1 mining claim comprised of 1 unit in the Ashmore Township, Thunder Bay Mining Division. The property is located ~4 kilometers south of Geraldton, ON. Access is from Hwy 11 then south on Hardrock Road, at the intersection of HWY 584 and HWY 11, for 1km. A gated road provides access directly to the claim, which is controlled and surrounded by Greenstone Gold Mines leased, patented and unpatented mining claims.

2.2 - Climate and Geography

The climate on the Pleson Ashore Property mirrors that of Geraldton, ON. The 30 year temperature range is -45.3°C to 32.6°C. The average annual precipitation for Geraldton, ON is 571cm, with a higher density of precipitation in the spring.

The Pleson Ashmore Property is typical of the Canadian Shield lowland areas with large and extensive black spruce and cedar swamps with higher sand/glacial till lands dominated by pine and spruce forests.

The current magnetic declination of the area is -6° 10' (west).



Legend

Administration Boundaries

- Mining Divisions
- Resident Geologist District
- Townships and Areas
- UTM Grid
- Geographic Lot Fabric
- Other Federal Land

Mineral Tenure Grid

- OM TG Tenure Grid

Alienations

- Withdrawal
- Notice

Unpatented Claim

- Active
- Reconciled
- Pending

Disposition

- Disposition

Disposition Symbols

- Camp
- Disposition Unknown/Pending
- Freehold Patent Mining Rights Only
- Freehold Patent Surface Rights Only
- Freehold Patent Surface and Mining Rights
- Land Use Permit
- Leasehold Patent Mining Rights Only
- Leasehold Patent Surface Rights Only
- Leasehold Patent Surface and Mining Rights
- License of Occupation Mining Use Only
- License of Occupation Surface Use Only
- License of Occupation Surface and Mining Rights
- License of Occupation Uses Not Specified
- Order in Council
- Tower
- WPLA

Geology Layers

- AMIS Sites
- AMIS Features
- Drill Holes
- Mineral Occurrences



Projection: Web Mercator



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Figure 1 – Pleson Ashmore Property Location

3.0 PROPERTY DESCRIPTION

The Pleson Ashmore Property is comprised of 1 mining claim, 4277941, and is ~2.7 hectares in size. The claim ownership is listed in the abstract below.



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Development and Mines

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Mining Claim Abstract
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THUNDER BAY - Division 40		Claim Number: TB 4277941		Status: ACTIVE
Due Date:	2016-Aug-10	Recorded:	2014-May-20	
Work Required:	\$400	Staked:	2014-May-20 12:00	
Total Work:	\$0	Township/Area:	ASHMORE (G-0472)	
Total Reserve:	\$0	Lot Description:	,	
Present Work Assignment:	\$0	Claim Units:	1	
Claim Bank:	\$0			

Claim Holders

Recorded Holder(s)	Percentage	Client Number
PLESON, ALEXANDER JOHN	(100.00 %)	408265


Transaction Listing

Type	Date	Applied	Description	Performed	Number
STAKER	2014-May-20		RECORDED BY PLESON, ALEXANDER JOHN (1008541)		R1440.00807
ORDER	2016-May-18		RECORDER EXTENDS TIME UNTIL AND INCLUDING 2016-AUG-10 FOR WORK AND FILING THEREOF.		D1640.00174

Claim Reservations

- 01 400' surface rights reservation around all lakes and rivers
- 02 Sand and gravel reserved
- 03 Peat reserved
- 04 Other reservations under the Mining Act may apply
- 05 Including land under water
- 06 Excluding road

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Figure 2 – Summary of the Pleson Ashmore claim ownership

4.0 GEOLOGICAL SETTING

4.1 - Regional Geology

The Pleson Ashmore Property is situated in the Wabigoon Subprovince of the Superior Province, now labelled the Marmion Terrane (*after* Stott et al. 2008). This subprovince consists mainly of Archean metavolcanic and metasedimentary rock sequences intruded by larger granitoid plutons, mainly granodiorite to granite in composition. Mafic volcanic rocks form ~50% of the sequence in the area, typically tholeiitic mafic flows. Felsic- to Intermediate-metavolcanic and metasedimentary units comprise the remainder of the volcanic-sedimentary lithologies. The metasediments observed in the area are typically arkose, greywacke to siltstone with banded iron formations. These units typically exhibit evidence of at least greenschist facies of metamorphism. Regional deformation tends to trend in the east/northeast direction. Major structures in the area also exhibit similar orientations. (Breaks et al., 1978).

This portion of the east-west trending Wabigoon Subprovince is typically referred to as the South-Central Wabigoon Terrane (S-CWT) but more technically referred to now as the Marmion Terrane (Stott et al. 2008) and lies to the north of the Quetico Terrane (QT). The S-CWT, MT and QT are typically medium- to high-grade metamorphic terranes consisting of plutonic and metasedimentary assemblages. (Percival and Easton, 2007). The general geology of the project area can be seen in Figure 3.

4.2 – Local Geology

The Ashmore Township is located on the southern contact of the Wabigoon Subprovince. The property is mapped to contact sequences of metasediments, including Iron Formation and metavolcanics related to the Wabigoon Subprovince.

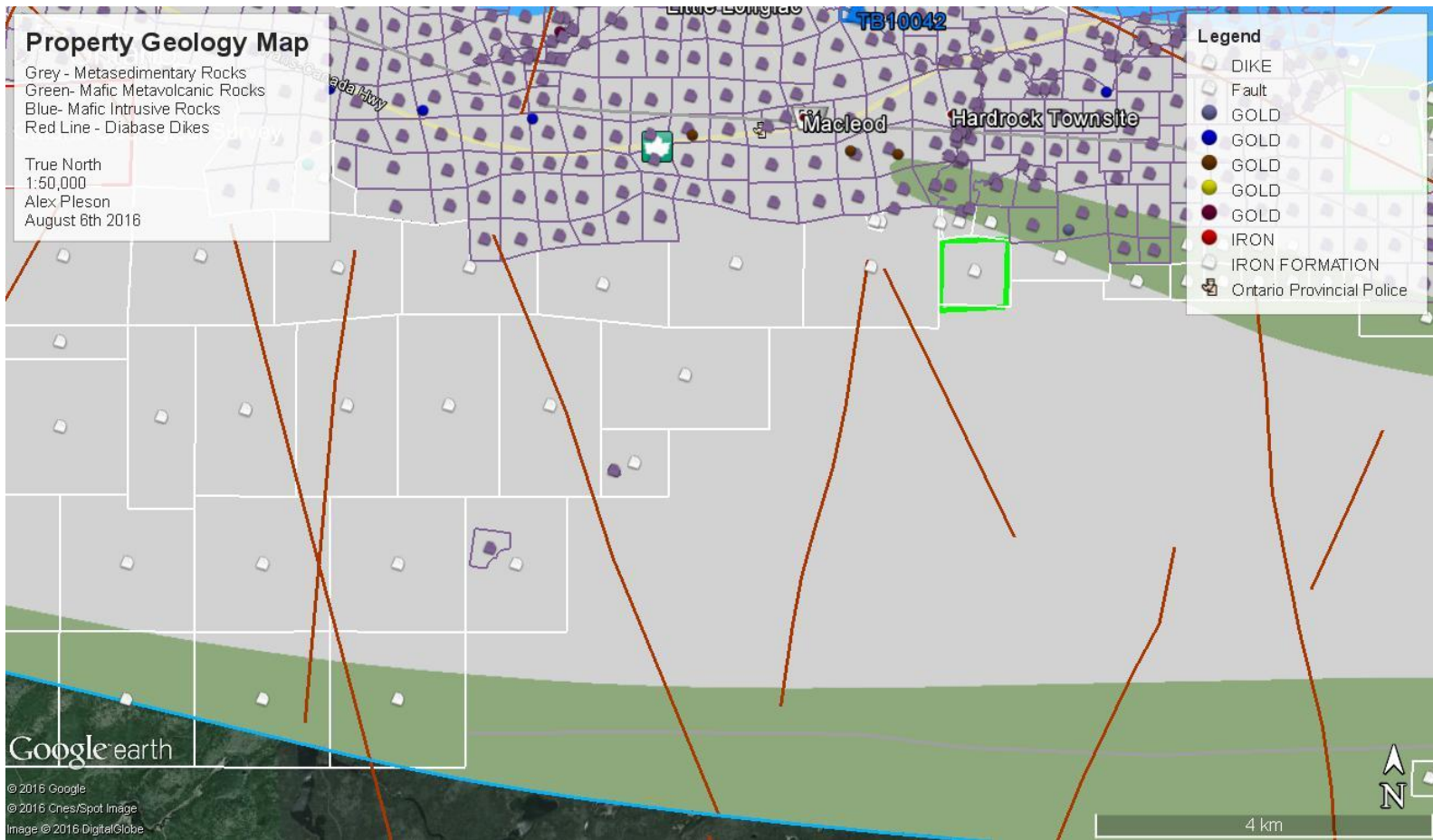


Figure 3 – Geology Map

5.0 PREVIOUS EXPLORATION

The area received extensive work between 1930 and 1965 as it is located only 800 meters south of the Macleod Headframe, now owned by Greenstone Gold Mines Ltd. The lack of outcrop on the property led to the majority of historic work carried out as diamond drilling and geophysics. Relic cut grids are observed on the property with a vast amount of historic assessment reports readily available from the MNDM. Recent work included a series of DDH's by ASARCO EXPL CO OF CANADA LTD in 1994, which intersected gold mineralization over an unknown interval of 3.0 g/t Au. This shows a great potential to intersect new gold mineralization, although with the lack of outcrop it would require a large investment to drill, trench or soil sample. The property contains the old water pump-house for the historic Macleod milling operation. The building is still standing and in relatively good shape considering it's age.

6.0 PROSPECTING WORK

Mike Goodman and Brad Evans of Beardmore, ON were hired to assist the owner, Alex Pleson of Nipigon, ON in prospecting the property on April 12th and 13th. The majority of the work consisted of traversing East to West to intersect any outcrop or sub-crop. The lowlands/swamp on the property made it difficult to determine most of the outcrops as either outcrops, sub-crop or large float. A large trench was dug accidentally by Premier Gold Mines Ltd. in 2014 who ventured onto the property from their mining leases to the north. This trench was completely filled with water and no outcrop or rock at all was observed. Most of the outcrop or sub-crop was identified in the western portion of the property along the claim boundary. This consisted mainly of foliated/metamorphosed siltstones and greywackes with less than encouraging sulphide mineralization. Brad Evans and Mike Goodman located a large amount of Iron Formation on the east side of the access road in the center portion of the property. The majority of the samples taken for assay originated in the sub-crop or possibly float from the mapped Iron Formations north of the property. The locations of the sampling are seen in Figure 4.

**Pleson Ashmore
Gold Property**
Sample Location Map
Figure 4

Author: Alex Pleson
Date: Aug 7th 2016

- Samples
- Dispositions
- Mining Claims

N
True North
1:1,500

Coordinate System: NAD83 UTM zone 16N
Projection: Transverse Mercator
Datum: North American 1983

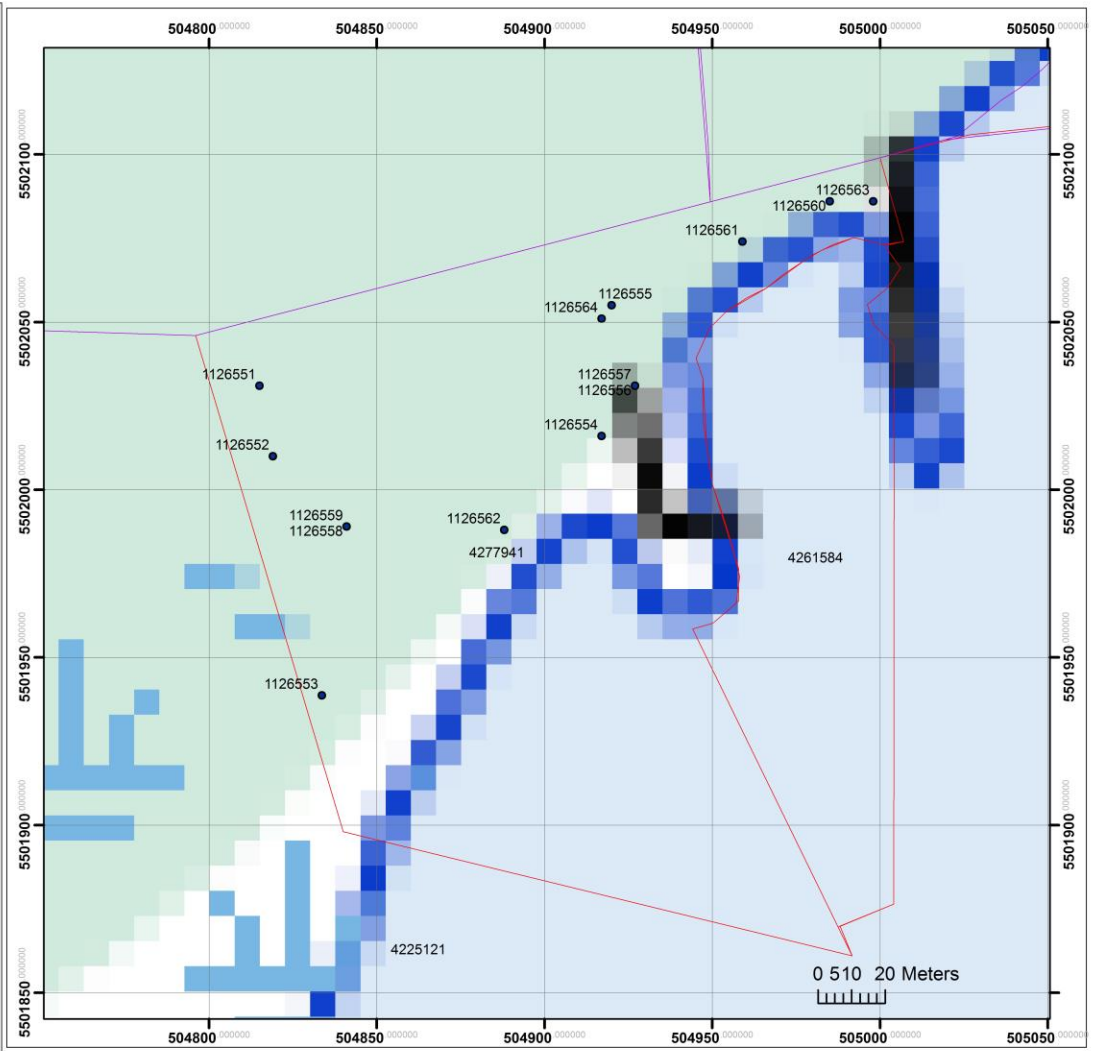


Figure 4 – Sample Location Map

7.0 FINDINGS AND RECOMMENDATIONS

The Pleson Ashmore property is largely covered with sub-crop, talus and float and has a severe lack of in-situ rock and outcrop. It is difficult to make assumptions based on the uncertainty if some rock is truly sub-crop or just fractions of large float. However, the large amount of Iron Formation in the eastern portion of the claim suggests that there is potential for a new discovery. The prospecting program intercepted a 76.5 g/t Au sample in the Iron Formation, while the other samples yielded less than anomalous gold values given the areas location and proximity to the historic Macleod Mine Site.

The best recommendations would be to excavate trenches along the location of the 76.5 g/t Au sample to determine if there is outcrop underneath the sub-crop and soil. This would give the best analysis of the properties potential. Another recommendation would be to perform a tightly spaced SGH soil survey to identify the most prospective locations to trench.



Statement of Qualifications

Alex Pleson, Exploration Consultant

Cell: (807) 620 5939
Email: ajpleson@lakeheadu.ca
118 Greenmantle Dr.
Nipigon, ON
P0T 2J0
Box 675

I, Alex Pleson, do hereby certify that:

- 1: I am a licensed Ontario Prospector
- 2: I have been working in the mineral exploration field since 2008
- 3: I received my H.BSc in geology from Lakehead University
- 4: I am responsible for the preparation of this assessment report
- 5: I hold 100% interest in the company or property this reports refers to
- 6: I staked the Pleson Ashmore Property on May 20th 2014

Dated the 8th day of August 2016

Alex Pleson, Exploration Consultant
Pleson Geoscience

Appendices

Appendix I – Assay Certificate and Sample Locations/Descriptions



Date Submitted: 29-Apr-16
Invoice No.: A16-03755
Invoice Date: 05-May-16
Your Reference:

Pleson Geoscience
118 Greenmantle Dr.
Nipigon Ontario P0T 2J0

ATTN: Alex Pleson

CERTIFICATE OF ANALYSIS

14 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

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

REPORT **A16-03755**

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

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.03
Method Code	FA-AA	FA-GRA
1126551	77	
1126552	12	
1126553	55	
1126554	734	
1126555	351	
1126556	326	
1126557	471	
1126558	16	
1126559	26	
1126560	11	
1126561	64	
1126562	< 5	
1126563	3380	
1126564	> 5000	76.5

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.03
Method Code	FA-AA	FA-GRA
OxD108 Meas	392	
OxD108 Cert	414	
OxN117 Meas		7.31
OxN117 Cert		7.679
OxK119 Meas		3.40
OxK119 Cert		3.604
SF85 Meas	842	
SF85 Cert	848	
1126560 Orig	12	
1126560 Dup	9	
Method Blank	< 5	
Method Blank	< 5	
Method Blank		< 0.03

Final Report
Activation Laboratories

Report Number: A16-03755								
Report Date: 5/5/2016								
Analyte Symbol	Au	Au						
Unit Symbol	ppb	g/tonne						
Detection Limit	5	0.03						
Analysis Method	FA-AA	FA-GRA	Sampler	Easting	Northing	UTM Zone	Type	Description
1126551	77		AP	504815	5502031	16N	Grab	arkose MSEDs, trpy cubes of late sulphide mineralization associated to late-stage carb fractures
1126552	12		AP	504819	5502010	16N	Grab	diabase sub-crop or float, dark brown to black grained, magnetic, with 20cm wide milky qv on contact to arkose MSEDs
1126553	55		AP	504827	5501940	16N	Grab	brown to grey banded ironformation, strongly magnetic, 1-4mm wide qtz-carb stringer, euhedral pyrite cubes, f.g associated to carb-stringers,
1126554	734		MG	504917	5502016	16N	Grab	BIF with wavy grey-white quartz fractures, tr aspy
1126555	351		MG	504920	5502055	16N	Grab	BIF, with tr py in milky qv
1126556	326		MG	504927	5502031	16N	Grab	same as previous
1126557	471		MG	504927	5502031	16N	Grab	BIF, tightly sheared, highly fractures with qtz-carb fracture fills, tr aspy in fractures
1126558	16		AP	504841	5501989	16N	Grab	arkose metasediment, relic feldspar grains. Slightly foliated with fine grained biotite, no sulphides
1126559	26		AP	504841	5501989	16N	Grab	greywacke, carb-alt, no sulphides
1126560	11		BE	504985	5502086	16N	Grab	MMVOL, greenish, with white quartz vein, no sulphides
1126561	64		BE	504959	5502074	16N	Grab	MMVOL, greenish, with white quartz vein, no sulphides
1126562	< 5		AP	504888	5501988	16N	Grab	foliated, siliceous siltstone, tr py, w. 5% biotite, on lake shore
1126563	3380		BE	504998	5502086	16N	Grab	BIF w/ QV CARB stringers
1126564	> 5000	76.5	MG	504917	5502051	16N	Grab	Sub-crop/float, BIF w/ 10% magnetite, 30% jasper, with large 50cm wide greyish smokey QV with arsenopyrite and diss py, small splash of VG, possibly from the north, along roadside