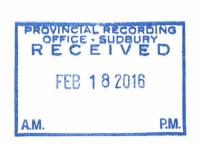
We are committed to providing <u>accessible customer service</u>. If you need accessible formats or communications supports, please <u>contact us</u>.

Nous tenons à améliorer <u>l'accessibilité des services à la clientèle</u>. Si vous avez besoin de formats accessibles ou d'aide à la communication, veuillez <u>nous contacter</u>.



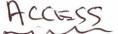


ANYTHING ELSE IN THIS VERY IMPORTANT CLAIM I HAD TO HANDSTRIP AND SAMPLE - TAKE FOR ASSAY SAMPLES IN THE AREA, WHICH WAS DONE.

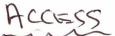
AS I HAD NO MONEY TO DO

INTRODUCTION

EAST OF KEARNS, NORTH ON THE CHEMINIS ROAD, OVER THE TRACKS I WEST AT THE FIRST MAIN INTERSECTION + SOUTH TO THE MILL ROAD-SEE ACCESS MAP.



ACCESS IS FROM THE MAIN HIGHWAY



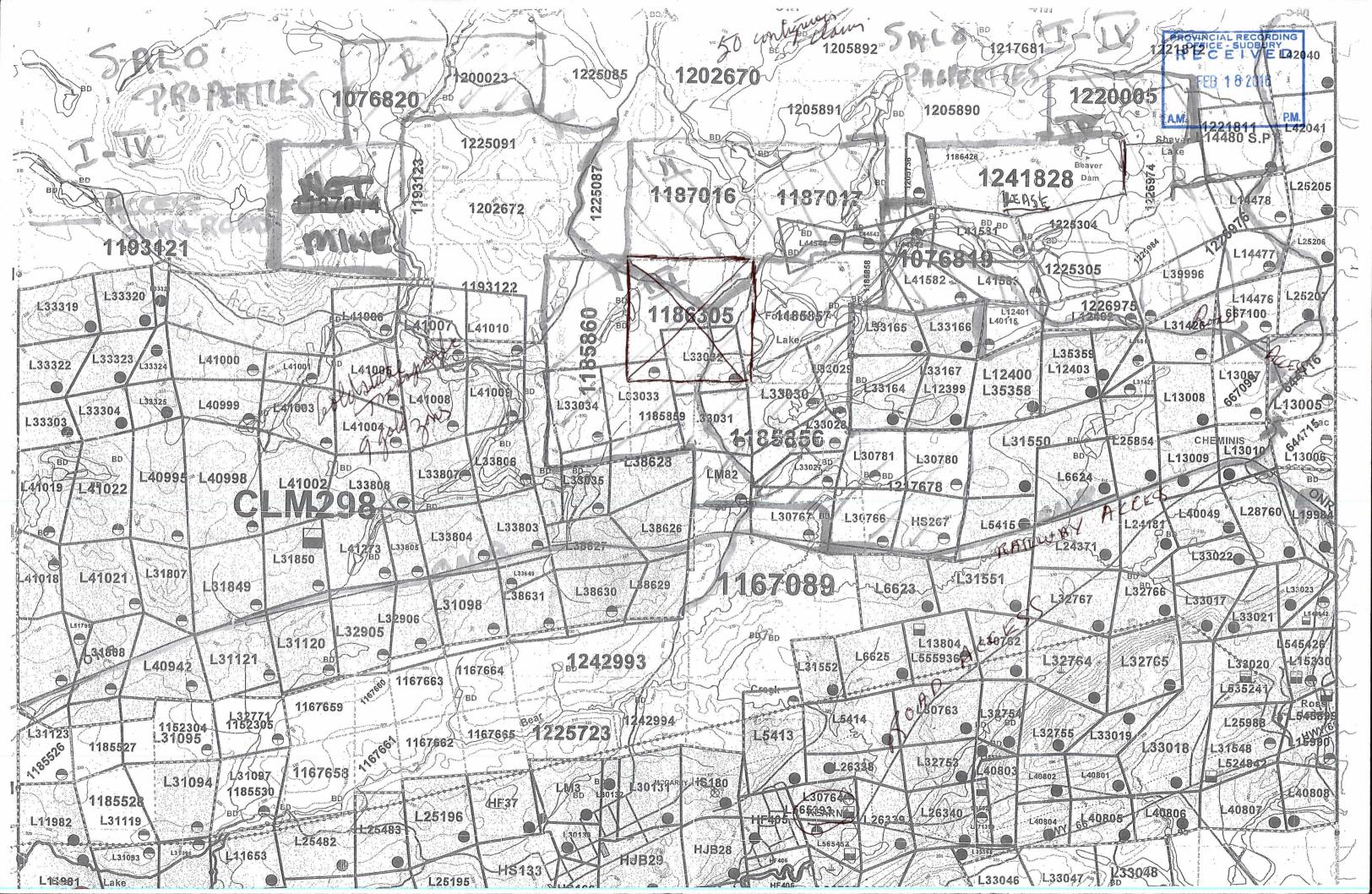
THE CLAIM IS LOCATED IN THE MCGARRY TWRAREA-CENTRAL -JUST WEST OF FOXEARTH LAKE COVERING A CLAIM WHITS-SEE LOCATION MARS ENCLOSED,



A-SALO

FEB-17/2016

PROSPECTING, HANDSTRIPPING, SAMPLING + ASSAY REPORT CLAIM E1186305 MCGARRY TWP



	JEFICE	AL RECORD	V
	FEB	1 8 2016	
A.M.			PM

A. SALO

#### **PROSPECTING TARGETS**

GOLD- COPPER-BASE METALS VOLCANIC - ASSOCIATED SHEAR ZONE GOLD. POLYMETALLIC, GOLD DOMINATED, LARONDE TYPE DEPOSITS. GOLD -COPPER HORNE TYPE DEPOSITS . INTERFLOW SEDIMENTRY GOLD DEPOSITS.

#### **REGIONAL GEOLOGY**

THE VOLCANIC AND SEDIMENTRY ROCK GROUPS OF THE SOUTH ABITIBI GREENSTONE BELT ARE PRESERVED IN A LARGE SYNCLORIUM BETWEEN LAKE ABITIBI, ROUND LAKE AND WATABAEG BATHOLITHS AND BASEMENT ROCKS OF THE BELLCOMBE BELT. THE VOLCANIC AND SEDIMENTRY SUCCESSIONS CONSISTS OF SEVERAL ASSEMBLAGES COMPRISING KOMATIITIC, THOLEIITIC, CALC ALKALIC. AND ALKALIC VOLCANICS AND SEDIMENTRY ROCKS. TWO MAJOR DEFORMATION ZONES. THE DESTOR - PORCUPINE AND CADILLAC-LARDER FAULT (SHEAR) ZONES TRANSECT THESE ASSEMBLAGES AND ARE MAJOR DISCONTINUITIES (FAULT CONTACTS.) SEPARATING ASSEMBLAGES. EXCEPT FOR PROXIMAL CONTACT DEFORMATION AND ALTERATION THE CADILLAC- LARDER LAKE SHEAR ZONE IS CONFINED TO THE TIMISKAMING ASSEMBLAGES AND SEPARATES THE CATHERINE, BOSTON, LARDER LAKE, AND MC ELROY, SKEAD AND HEARST ASSEMBLAGES TO THE SOUTH FROM THE KINOJEVIS AND THE BLAKE RIVER ASSEMBLAGES TO THE NORTH. GEOLOGICAL MAPPING BY J.E. THOMSON (1941) SHOWED THE NORTH HALF OF MC GARRY TOWNSHIP AS BEING UNDERLAIN BY THE KEEWATIN BASIC VOLCANICS AND TIMISKIMING TRACHYTES AND SEDIMENTS. MORE RECENT MAPPING BY L.S. JENSEN HAS SUBDIVIDED THE KEEWATIN BASIC VOLCANIC UNITS INTO TWO GROUPS. THE BLAKE RIVER AND THE KINOJEVIS. THE KINOJEVIS GROUP CONSISTS OF MASSIVE AND PILLOWED METABASALTS WHICH CAN BE FURTHER DIVIDED INTO MAGNESIUM AND IRON THOLEIITIC BASALTS. THE MAGNESIUM BASALTS ARE NON MAGNETIC AND THE IRON THOLEIITIC BASALTS ARE MAGNETIC. THE BLAKE RIVER GROUP CONSISTS OF ACIDIC AND CALC -ALKALIC ROCK MOSTLY. THE TIMISKAMING ASSEMBLAGE IS PREDOMINANTLY SEDIMENTRY HOWEVER A NUMBER OF THE VOLCANIC FORMATIONS ARE INTER BANDED (INTERCALATED) WITH THE SEDIMENTS WHICH INDICATES INTERMITTENT VOLCANISM AND SEDIMENTATION PREVAILED DURING THE DEPOSITATION OF THE VOLCANICS, AS OPPOSED TO MUCH UNINTERUPTEDVOLCANISMIN RESPECT OF THE KINOJEVIS VOLCANICS. THE UNRELATED SEDIMENTS AND VOLCANICS OF THE TIMISKAMING AGE LIE UNCONFORMABLY OVER THE KEEWATIN VOLCANICS.

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( <b>A</b> a)	

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# **REGIONAL GEOLOGY**

(CONTINUED)

BOTH SERIES ARE CUT BY ALGOMAN INTRUSIVES WHICH CONSIST OF PORPHYRIES, BASIC SYENITES AND LAMPROPHYRES, THE ARCHAEN STRATA IS ALL FOLDED TO NEAR VERTICAL POSITION AND ARE OVERTURNED IN SOME PLACES. IN MOST CASES THE TIMISKAMING SERIES FACES SOUTH. THE LARDER LAKE BREAK GENERALLY MARKS THE SOUTHERN CONTACT OF THE TIMISKAMING SERIES. THE BREAK (FAULT) CONSISTS OF SHEARED AND ALTERED ZONES AND PARALLEL SHEARS OCCUR ADJACENT TO THE BREAK. TALC CHLORITE SCHIST MARKS THE FAULT BUT A LARGE PORTION OF THE ZONE HAS BEEN SUBJECTED TO SILICEOUS CARBONATE REPLACEMENT. THE ROCKS ADJACENT TO THE FAULT ARE DRAGFOLDED, SHEARED, CARBONATIZED, AND INTENSELY ALTERED.

THE IMPORTANT GOLD DEPOSITS LIE ALONG A STRONGLY SHEARED AND CARBONATED ZONE, NEAR THE BREAK, HOWEVER ZONES OF SHEARING AND FAULTING UNRELATED TO THE BREAK HAVE YIELDED ECONOMIC GOLD MINERALIZATION.

A. SALO

## LOCAL AND PROPERTY GEOLOGY

A. SALO

ROVINCIAL RECORDING OFFICE - SUDBURY RECEIVED FEB 182016 P.M. A.M.

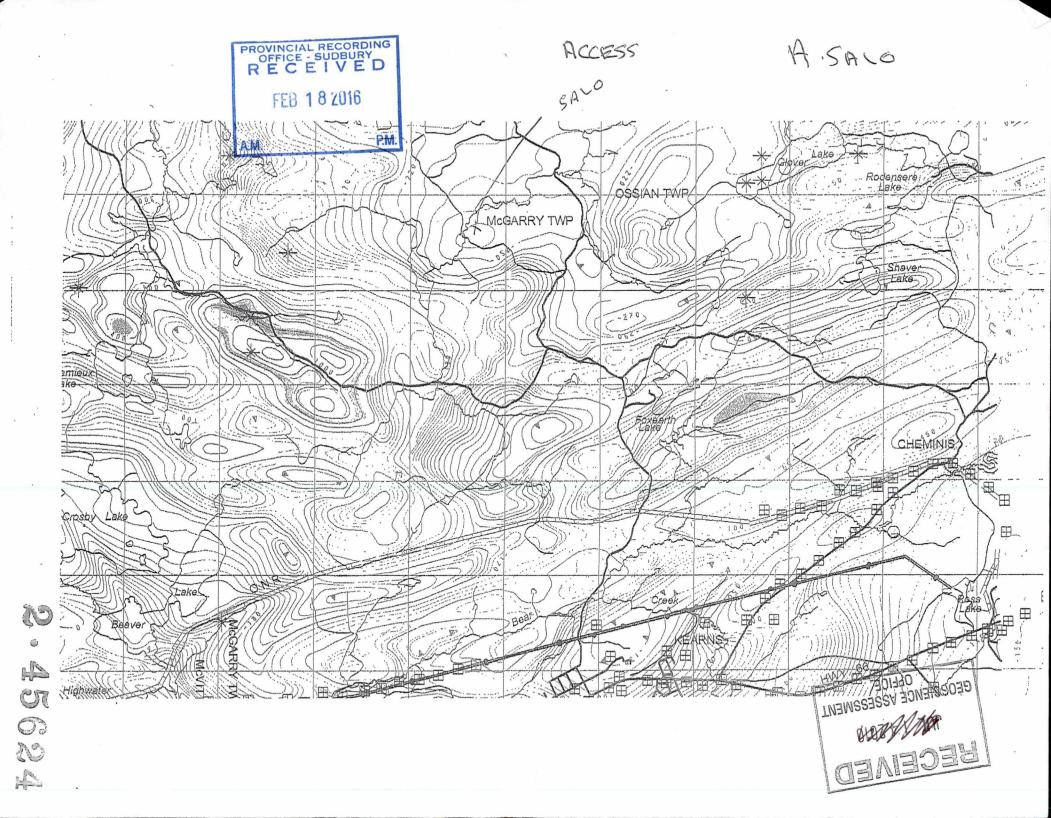
THIS PROPERTY IS UNDERLAIN BY ROCKS OF THE ARCHAEN AGE AND INCLUDES KEEWATIN VOLCANICS, TIMISKAMING VOLCANICS AND SEDIMENTS AND ALGOMAN INTRUSIVES. THE SUB GROUP OF THE KEEWATIN, THE KINOJEVIS AND BLAKE RIVER GROUPS, UNDERLAY THIS PROPERTY. THE TIMISKAMING ASSEMBLAGE IS IN UNCOMFORTABLE CONTACT WITH THE BLAKE RIVER ASSEMBLAGE ACROSS THE NORTH AND NORTH WESTERN AREA AND THE KINOJEVIS ASSEMBLAGE IN THE CENTRAL SOUTH EAST AREA. THE KINOJEVIS VOLCANICS ARE THE OLDEST ROCKS ON THE PROPERTY AND EXIST AS THOLEIITIC IRON RICH AND MAGNESEUM RICH BASALTS WHICH CAN BE TRACED BY MAGNETICS. ALL MAGNETIC SIGNATURES HOWEVER ARE SUBJECT TO DEVALUATION BASED ON ALTERATION INTENSITY EVIDENT IN CERTAIN AREAS OF THE PROPERTY. • -

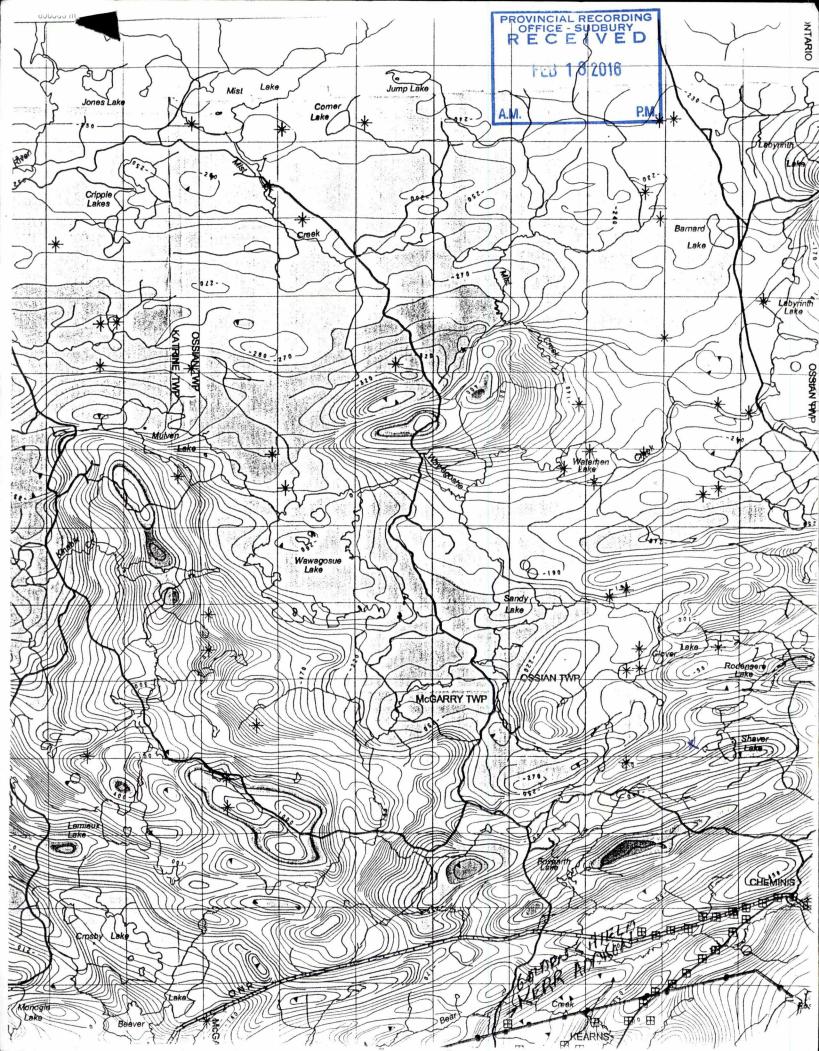
. A FAULT . . TRENDING FROM EAST - NORTH EAST TO SOUTH WEST PARTIALLY TRUNCIATES THE KINOJEVIS VOLCANICS SEPARATING THE SEQUENCE FROM THE TIMISKAMING ASSEMBLAGE. IN PLACES THE CONTACT IS WELL DEFINED AND BOTH UNITS ARE WELL FOLIATED. THE FAULT ITSELF IS MARKED AS A TOPOGRAPHIC LOW SUCH AS THE THICK OVER BURDEN SWAMPS, MUSKEGS AND/OR BODIES OF WATER. THE BASE OF THE TIMISKAMING SERIES IS A SEDIMENTARY HORIZON WITH GREYWACKS, SLATES, AND A BASAL CONGLOMERATE. THE UPPER MEMBER OF THE KEEWATIN VOLCANICS IS A BASIC VOLCANIC FLOW HORIZON WITH FRAGMENTAL AND BEDDED TUFF.

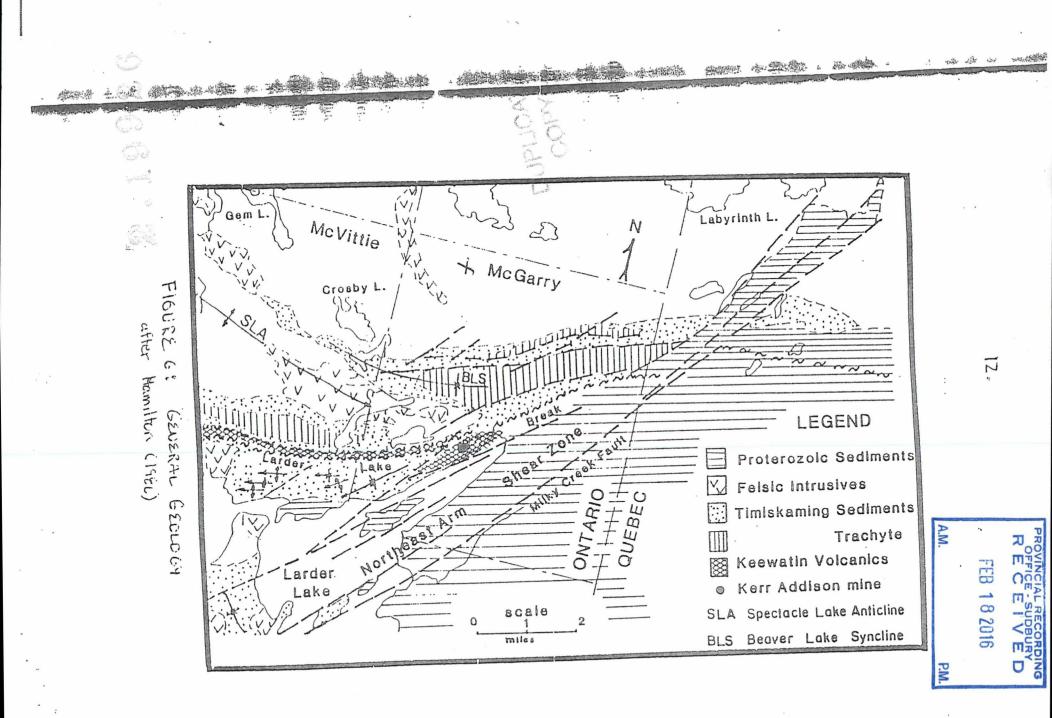
• • •

THE BLAKE RIVER VOLCANICS IN THE NORTH AND NORTH WEST ARE MOSTLY ACIDIC AND CALC - ALKALIC ROCKS (ANDESITES AND DACITES). THERE HAS BEEN MUCH FOLDING IN THE AREA AFFECTING BOTH THE KEEWATIN AND THE TIMISKAMING SERIES AS A SINGLE UNIT. THE FOLD AXIS GENERALLY TREND IN AN EAST WEST DIRECTION BUT CROSS FOLDING IS ALSO EVIDENT. SEVERAL TRANSVERSE OR CROSS FAULTS OCCUR AS INDICATED ON THE ENCLOSED COMPILATION MAPS. SYENITE INTRUSIVES TREND ALONG THE COMPLEX TRANSITIONAL VOLCANIC - SEDIMENTARY CONTACT AREA,

- Stale







•• :

No In International Internatio	33050 RE	1 1 8 2016 P-99	QUAT PLEISTOC Clay, are al colour PRE-C KEWEENAWA
	GEOLOG	Y-THOMSON	HURONIA Congl wack slate ( gneAt
	SYMB	OLS	ALGOMAN Corbe 9 Syenili opdia
	1 Higher ground.	t. J. ( 1-t.) Direction in which beds loce, Indi- cated by cross bedding.	INTRU
	Minimute Swamp.	Direction in which beds face, Indi- cated by grain gradation and cross bedding.	TIMISKAI Basic spher (Bc), growth
	(28) Itation.	n Shaft.	(By).
	Electric power transmission line.	Adit.	7 phyri cia a
	965' Elevation in feet above sea level.	Diamond drill hole, horixontal pro- jection.	Fine- (6a), slate
is about	Motor road.	• • Building.	Concernation orkor
an are in	Wagon load.	Irench.	EROS
s Branch, ts.	Trail or portage.	• Test pit.	POST-KE
ept those L.'' group, Sining Di-	Glacial strine.	nnnunnnnn Foult, defined.	Dior
surveyed oned and an,	Geological boundary defined.	nonn nound Foult, assumed.	KEEWAI
hose that that pro-	Geological boundary, approximate.	www.sheared zone (major fault), delined.	3 Iron
	Geological boundary, assumed.	www.www. Sheared zone (major lault), assumed.	Rati site sph (Sb schi
	Boundary of rock outcrop.	Synclinal axis.	Aci
	strike and dip of beds.	Anticlinol oxis.	lite
A We Ju	-2 J Strike and dip of folded beds.	Fitch of axis of fold.	$\vee \vee \vee \vee \vee$ $\vee \vee \vee \vee$ and and
	Strike and vertical dip of beds.	Mining claim boundary.	Page 14 (1997)
50 a, 1 w	Strike and dip of schistosity.	Froperty boundary.	*In certain area almost complete This carbonate ro The larger body
Mrw S	Strike and vertical dip of schistosity.	S.14 Quartz vein (width in inches).	by a network of colour due to mineral fuchsite.
	Flow contact.	$\sum_{i=1}^{N} \frac{X_{i} X_{i}}{X_{i}} $ Network of quartz veins.	"dalomite" to r rock. In the abo In group 10 if t yond recognitio
Inke Et al	Direction in which lave flows face, indicated by shape of the pillows.	Orebody projected vertically to sur- face from 300-foot level at Keri- Addison and Chesterville Larder Lake mines and from 125-foot level at	bonated lava, o †Sometimes car stringers.
PISSING	Direction in which lava flows face indicated by fragmental tops.	Barber Laider mine.	**Possibly Post
NOSTA BUI	Overtuined bedt. Strata face in di- rection of arrow, dip in direction of loop.	∧S Sulphide body.	The heavier co crops, areas of The highter cot of formations b
K.	_t Direction in which beds face, Indi- cated by gradation in grain size.	1	generalization

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NATE REAL BOLF, SOL. THE STOCKED OF REAL POINT, & MICH. MICH. SOLD FOR THE

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THE REAL PROPERTY OF

Beit in fer fei unter in der verangenen ende fen men wenden nichten im Antereit al. in verangenen men wenden de
QUATERNARY
PLEISTOCENE
Clay, sand, gravel. These deposits are also represented by the lighter colours on the map.
PRE-CAMBRIAN
EWEENAWAN or MATACHEWAN
19.// Diabase.
INTRUSIVE CONTACT
HURONIAN (Cobalt Series) Conglomerate (11a), arkose, grey- wacke and quartzite (11b), slate (11c).
GREAT UNCONFORMITY
ALGOMAN Carbonated rock or "dolomite."*
9 9 9 9 9 9 9 9 9 9 9 9 9 9
INTRUSIVE CONTACT
TIMISKAMING
Basic volcanics: basic lava (Ba), spherulitic lava (Rb), fragmental lava (Rc), agglomerate (Bd), tulf (Re), graphitic tulf (Bl), talc-chlorite schist (Bg).
Acid volcanics: trachyte (7a), por- 7 phyritic trachyte (7b), trachytic bree- cia and agglomerate (7c), tull (7d).
Fine-grained sediments: greywacke (6a), arkose (6b), quartzite (6c), slate (6d).
Conglomerate with some interbanded arkose and preywacke.
EROSIONAL UNCONFORMITY
POST-KEEWATIN**
Diorite (1a), gebbro (1b).
INTRUSIVE CONTACT
KEEWATIN
3 p Iron formation.
Rasic volcanics (greenstone): ande- site, baralt and pillow lava (Sa), spherultic and ampodaloidal lava (Sb), hagmental lava (Sc), chlorite schist (Sd), bedded tuff (Se).
Acid volcanics: rhyalite (1a), rhya- lite breccia (1b).
$\begin{array}{c c} & \vee & \vee & \vee \\ \hline & & \\ & \vee & \vee & \vee \\ \hline & & \forall & \vee & \vee \\ \end{array}  \  \  \  \  \  \  \  \  \  \  \  \  \$
*In certain areas the pre-existing rock has been almost completely replaced by carbonate material. This carbonate rock is locally known as "dolomite." The larger bodies of "dolomite" are generally cut by a network of quartz veins, and are often green in colour due to the presence of the bright green mineral fuchsite. There are all gradations from the "dolomite" to partially carbonated and unaltered rock. In the above classification the rock is included in group 10 if the original rock type is altered be- yond recognition. Otherwise it is classified as car- bonated lava, carbonated sediment, etc.

bonated and intersected by quartz

Timiskaming.

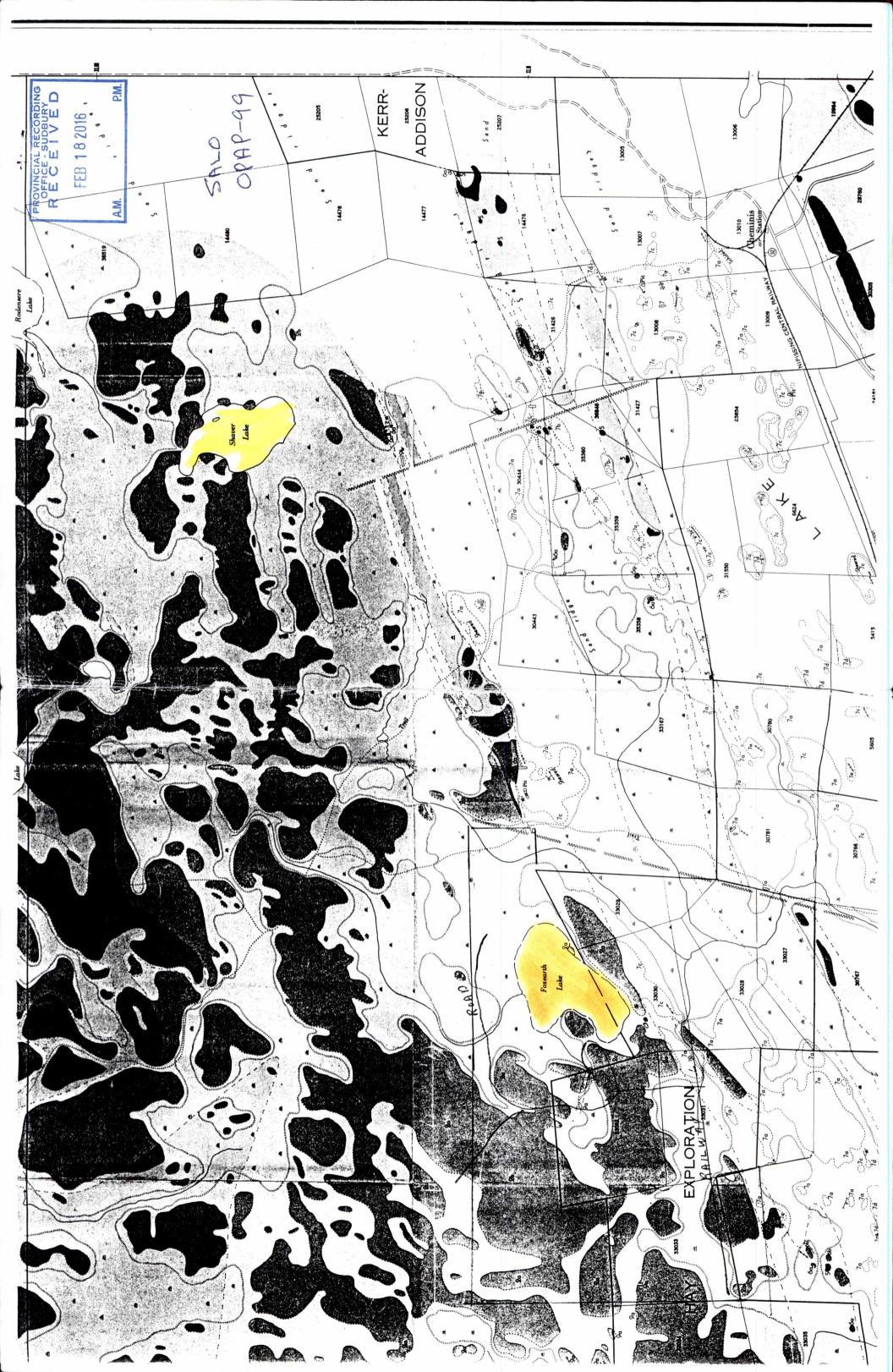
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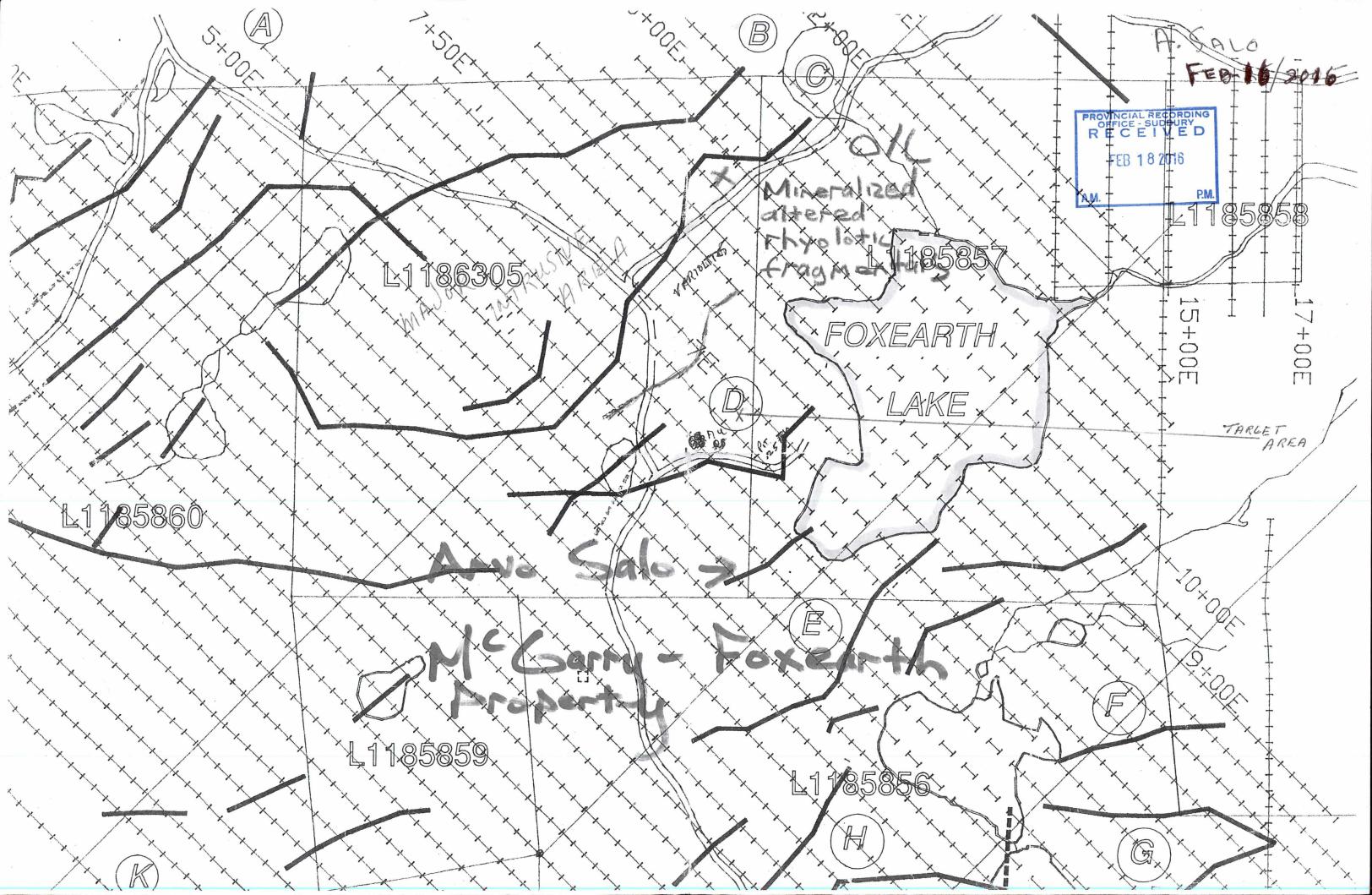
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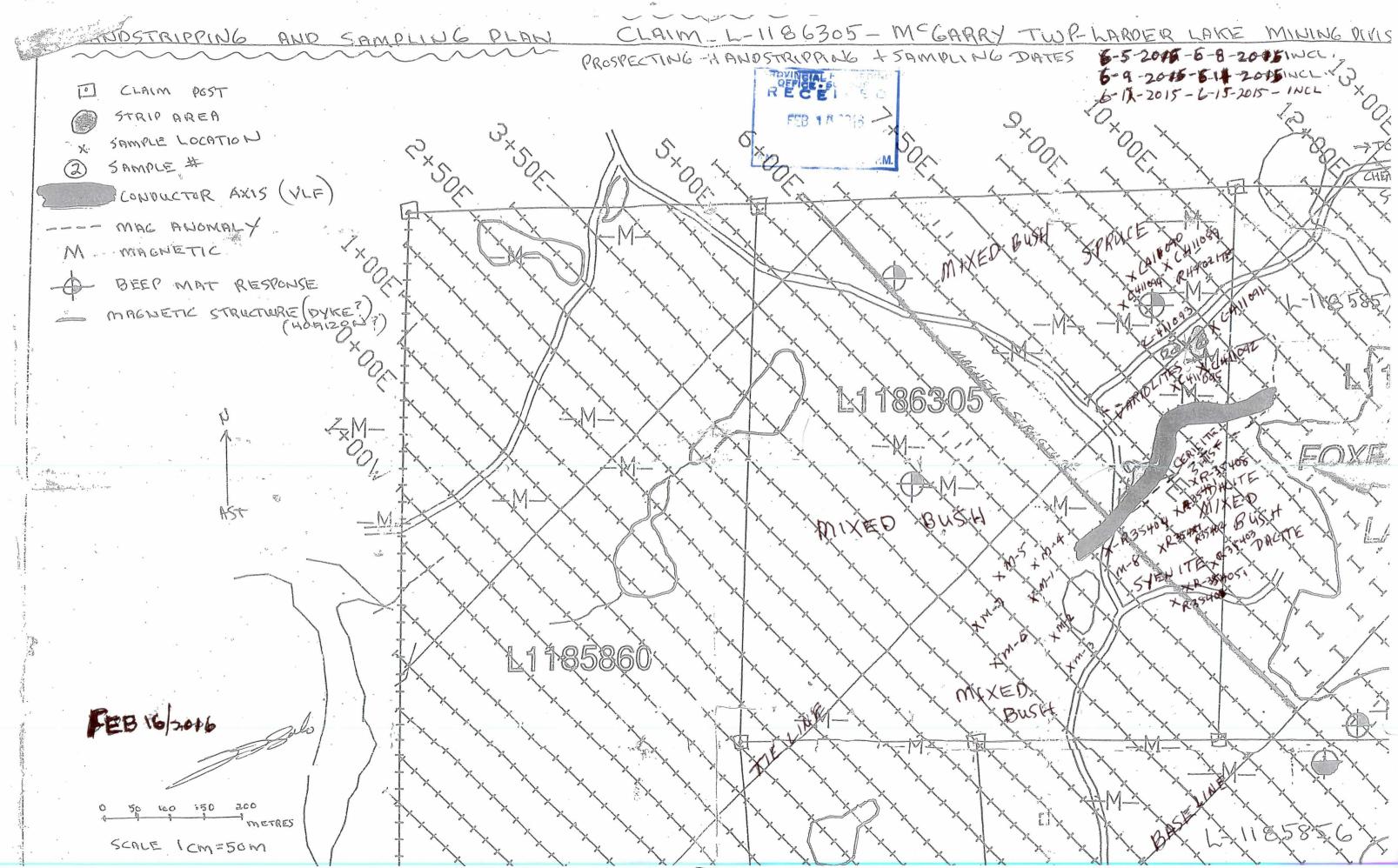
ploure on the map indicate, rock out-touteron, and geology of drill holes. tours indicate the interfed Skiension beneath drift. In uncoloured areas no of formations has been inade. 

THE MERSON PROFILENCE WATER



A. SALO		AMPLING REPOR	RT.
***	DAILY	MCGARRY LOG	TWP FEB 1 8 2016 A.M. P.M.
DATE	WORK	DONE	
6-5-2015	PROSPECTI	NG, HANDSTRIF	PINdSAMPLING
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6-7-2018	11	ч	
6-8-2015	1 [	1 L	10
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6-12-2015			
6-13-2015	1	1(	
6-14-2015	11		
2-16-2016	REPORT	PREPARATIO	こ
2-17-2017	. (	11 1 FIN	
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N. N			





5-5-2015-6-8-20-51WCL, -2015-6-14-2015 - INCL X

ARVO Sahma Cold Angen Caught

250-552-4671

Soudstorm

Typhoon. M. A. Salo Temer dan Compbell

Zazu -

6-5-8

Client Name: CANADIAN MALARTIC Project Name: Attn: Mike Fell P.O. Box 996, Kirkland Lake ON P2N 3L1 Canada

JOB NUMBER:A15-1558 OLD JOB NUMBER:15-1558 08-Jul-15 P.O. NUMBER:

ITEM **CAS Number** Au Chk Au Chk Au Au Cu NO. **Method Code** FA-MP FA-MP FA-MP FA-MP AR-AAS Units ppb ppb g/Mt g/Mt ppm SAMPLE ID 1 M1 < 2 < 0.01 13 2 M2 4 < 0.01 38 3 M3 3 < 0.01 13 4 M4 < 2 < 0.01 25 5 M5 < 2 < 0.01 68 6 M6 < 2 < 0.01 28 7 M7 < 2 < 0.01 22 8 M8 < 2 < 0.01 19

REPORT OF ANALYSIS Analysis of 8 rock/grab Samples

1 - No Reject

PROVINCIAL RECORDING OFFICE - SUDBURY RECEIVED FEB 18 2016 A.M. P.M. Client Name: CANADIAN MALARTIC Project Name: ARVO Attn: Mike Sutton P.O. Box 996, Kirkland Lake ON P2N 3L1 Canada

#### REPORT OF ANALYSIS Analysis of 8 chips Samples

ITEM	CAS Number	Au	Au Chk		Cu	Zn
NO.	M <mark>ethod Code</mark> Units	FA-MP g/Mt	FA-MP g/Mt	A	R-AAS ppm	AR-AAS ppm
	SAMPLE ID					
1	R354401	0.01			9	67
2	R354402	0.01			35	66
3	R354403	0.01			42	68
4	R354404	< 0.01			86	68
5	R354405	0.01			9	86
6	R354406	< 0.01			5	73
7	R354407	0.05			43	57
8	R354408	< 0.01			50	136
1 - No Reject						

JOB NUMBEF OLD JOB NUMBI

P.O

R	EC	E	SUDBUF	
	FEB	1	8 2016	
A.M.		Carriera		P.M.

**Porcupine Mine** 

6-11-15

JOB NUMBER: B15-4131 July 24, 2015 PROJECT: Dome Chips

BATCH NO. DOME CHIPS

DOME ATTN: 4315 Gold Mine Road, South Porcupine ON P0N 1H0 Canada

#### **CERTIFICATE OF ANALYSIS**

Total pages: 3 (including this page)

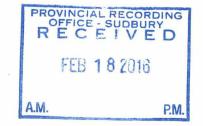
Analysis of 7 Rock samples The following analytical packages were requested.

Code AR-AAS-Cu-Solids Cu in mill solids by AR digestion AAS Code FA-Grav x1 Au Fire Assay Gravimetric 30g

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, excess material will be returned, or disposed of, at clients expense 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.

CERTIFIED BY :

4315 Gold Mine Road South Porcupine, ON 705-235 6553



# Porcupine Mine

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C411090

C411091

C411092

C411093

C411094

C411095

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P S	lient: Dome roject: DOME ample type(s): Rock ubmitted by: Erik B	CHIPS				ANALYSIS CERTIFICATE <b>B15-4131</b> Page 2 of 3 24-Jul-15
R	ESULTS					
	Scheme Co	de Au (1)	Au (2)	Au	Cu	
	Unit Symb	ol g/t	g/t	g/t	g/t	
	Limi	ts 0.04	0.04	0.04	0.0	
1	C411089	0.07		0.07		

0.40

0.04

0.04

0.10

1.04

0.04

18.9

39.7

184

75.0

RECEIVED

FEB 18 2016

P.M.

A.M.

0.40

0.04

0.04

0.10

1.04

0.04

0.04

4315 Gold Mine Road South Porcupine, ON 705-235 6553

# Porcupine Mine

Client:DomeProject:DOME CHIPSSample type(s):RockSubmitted by:Erik Barr

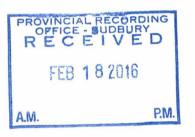
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ANALYSIS CERTIFICATE B15-4131 Page 3 of 3 24-Jul-15

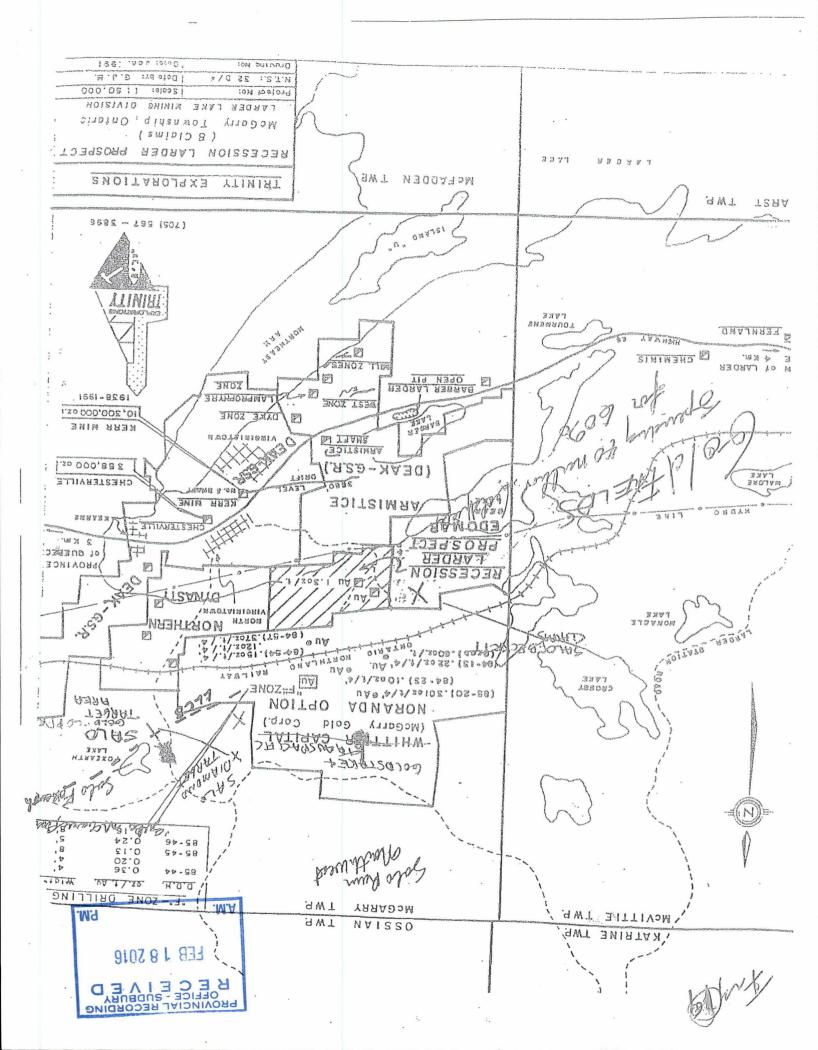
## **ANALYSIS METHODS**

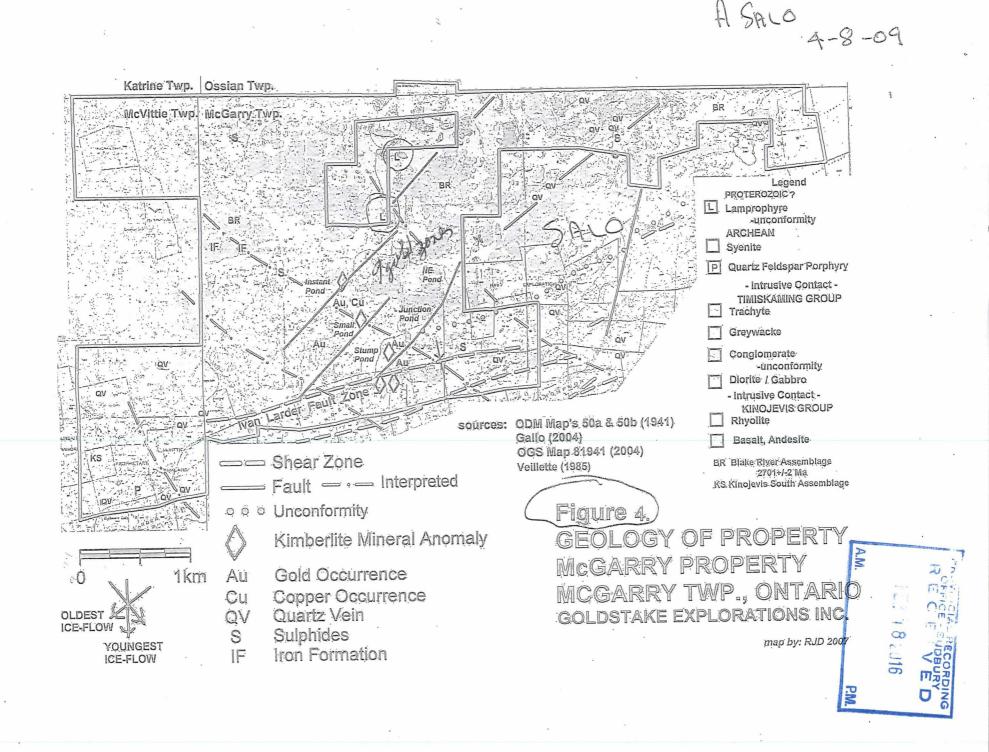
Method Code	Description
Au	Au
Au (1)	Au (1)
Au (2)	Au (2)
Cu	Cu



DOMEMINE DATE JULY 17'5 WORKPLACE PROVINCIAL RECORDING DOFFICE - SUDBURY LOCATION																
UNDEF	RGRO	UND	SAMF	PLE	SHEET	GEOLOGIST	Assala			LEVATION					1820	16
	SIT PPO STATION															
LOCATION	DIST.	WIDTH	TYPE	PY	PO AC	C REMARKS	TAG #	GRADE	Cul	NORTH	ELEV.	AZI.	DIP	FROM	то	SERIES
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					AU		90	0.4	18:9							
					AU	M-3-H	C4110 91	0.04								
					A	M-4-5	C4110 92	0=04	39.7							
					A		C4110 93	0.1								
					Au	M-B-2	C4110 94	1.04	184							
					AL	M-A-1	C4110 95	0.04	75							
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AV COF								79.4	1 pp	$\hat{\mathbf{m}}$						
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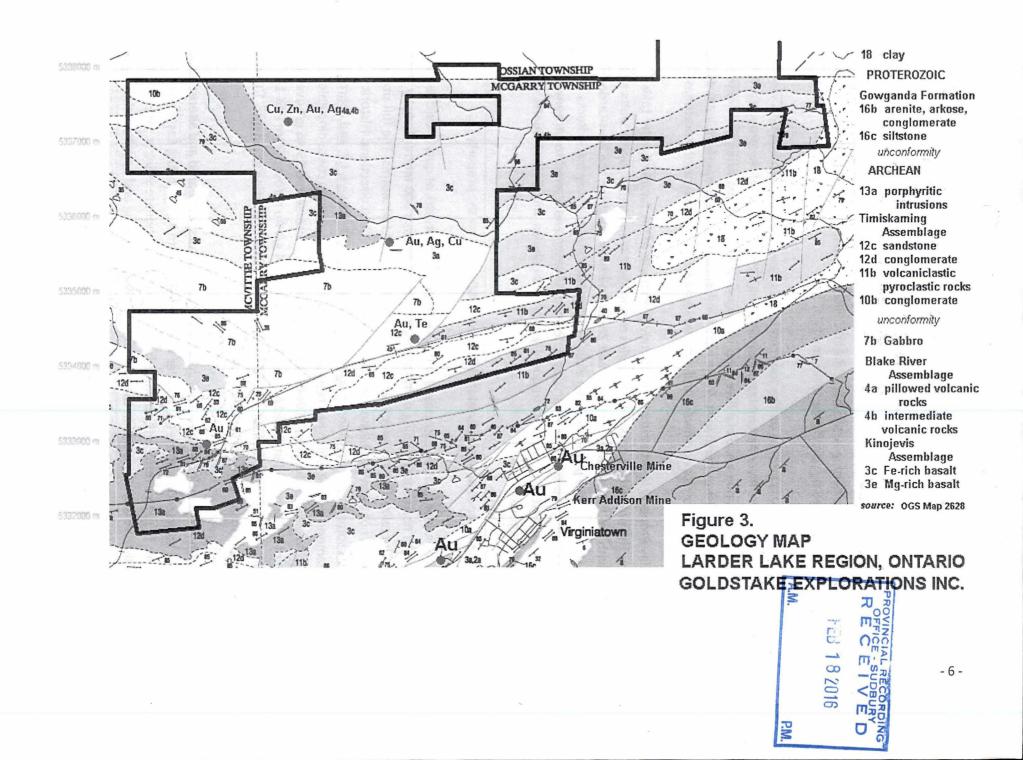
A.SALO P	AMPLING+	+ANDST ASSAY	REPORT	FEB 16/2016
	CLAIN	CARA	86305 R	FEB 1 8 2016
SAMPLE	E DESCRI	PTIONS	A.M.	P.M.
SAMPLE NUMBER	SAMPLE	DESCR	NOTTON	
CANADIAN MALARTA M-1		AKLY R	ALTERED,	FINE PYRITE
M-Z	١.	11	N	1, 11
M-3	Ňι	11	11	11
m-4	SYEN ITE	FINE		4/
M-5	MAFIC, QT	2, STRIN	GER, FIN	E PYRITE
M-6	BASALT, W	EAKLY	ALTERE	D, FINE PRITE
M-7	11	11	10	1 11
M-8	BASALT, P	TZ, CALC	LITE, FINE	E PVRITT-
R354401	BASALT, F	NEPY	RITE WE	AKLY ALTERED
R 354402		10	1)	
R354403	BASALT, PTZ	SIRIN	GERS IN	EALLIN DI-
R 354404		- yn	ILE ATT	
R 354405	STENILE FO	RPHRY,	FINE PUR	RITE
R-354406	0111-11, 41	S RIGH	NGER	
R-354407	SYENITE, AL	LGITE,	FINE PARI	ITE, QUEARTZ
R-354408	MAFIC, FINE	PYRITE	CHALCO?	,
	CONTIN	ILED N	EXT PAGE	
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Globeinvestor.com: Goldstake hits 31.47 ounces per ton Au over 0.6 tt. Extending to 0.95... rage 1 01 2

. (1)			PROVINCIAL RECORDING OFFICE - SUDBURY RECEIVED
Ing	Il's 3:25 mm		123 1 8 2016
		<u>na la constanta de la con</u> la	A.M. P.M.
NEWS FROM	CNW GROUP		

# Goldstake hits 31.47 ounces per ton Au over 0.6 ft. Extending to 0.95 ounces per ton Au over 28.7 ft.

09:39 EDT THURSDAY, APRIL 21, 2005

TORONTO, April 21 /CNW/ - Goldstake Explorations Inc. - TSX Symbol: GXP - is pleased to report on its recent diamond drill program on the "McGarry", Virginiatown, Ontario, Canada project, which is owned by Transpacific Resources Inc. Goldstake has the option to earn 75% of the property by spending \$2.5 million before December 31, 2009. The 1600 ha. property is located 1 mile north of the Kerr-Addison Mine (one of Canada's biggest gold mines-approx. 11 million ounces produced).

Significant assay results include:

South Zone

Hole No. 11 - 1078.97 gpt. Au over 0.19m. or 31.47 opt. Au over 0.6 ft. extending to 33.29 gpt. Au over 8.76 m. or 0.97 opt. Au over 28.7 ft. (from 93.92m. to 102.68m.) Hole No. 10 - 127.02 gpt. Au over 0.79m. or 3.70 opt. Au over 2.6 ft. extending to 29.14 gpt. Au over 3.48m. or 0.85 opt. Au over 11.4 ft. (from 121.52m. to 125.00m.) Hole No. 9 - 212.52 gpt. Au over 0.39m. or 6.2 opt. Au over 1.3 ft. extending to 28.66 gpt. Au over 3m. or 0.84 opt. Au over 9.8 ft. (from 80.00m. to 83.00m.)

Instant Pond (parallel to, and 170m. north of South Zone)
Hole No. 4 - <u>26.32</u> gpt. Au over 0.36m. or 0.76 opt. Au over 1.2 ft.
(from 158.37m. to 158.73m.)
Hole No. 2 - 65.72 gpt. Au over 0.25m. or 1.92 opt. Au over 0.8 ft.
extending to 9.9 gpt. Au over 1.69m. or 0.29 opt. Au over 5.5 ft.
(from 65.63m. to 67.32m.)

The primary purpose of this diamond drilling program was to obtain additional information on the strike and dip extensions of the two structurally controlled gold mineralized zones.

Nine of the 11 holes were drilled into two gold zones. The drill-core samples were logged and split. One of the split halves was submitted for gold analysis by atomic absorption spectrometry and/or by fire assay technique to Swastika Laboratories, an accredited commercial laboratory, and the corresponding other half was retained and stored on the Kerr Addison Mine property in Virginiatown.

The true width of these intersections are yet to be determined. One hole was drilled into each of two circular magnetic anomalies

situated up-ice from diamonds, diamond-indicator minerals and kimberlite recovered in basal till

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extending between Val D'or, Quebec and Kirkland Lake, Ontario (Figure 5). The Ivan Larder Fault, a conjugate fault of the Cadillac - Larder Break crosses the south section of the property. The Clay Property lies at the intersection of the Blake River and Kinojevis South rock assemblages and the younger Timiskaming Group. The Blake River assemblage occupies most of the northern part of the property and consists of east-west trending, steeply-dipping mafic meta-volcanic flows, felsic tuffs and minor meta-sedimentary units.

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In the northwest corner of the property, syenite porphyry and diorite stocks of various sizes intrude the Blake River assemblage. Felsic meta-volcanic tuffs and breccias crop out in the northeast. The Ivan Larder Fault obscures the boundary between the Timiskaming Group and the older Blake River-Kinojevis assemblages. In the southern part of the property, the Timiskaming Group comprises coarse to fine clastic meta-sedimentary conglomerate, sandstone and shale.

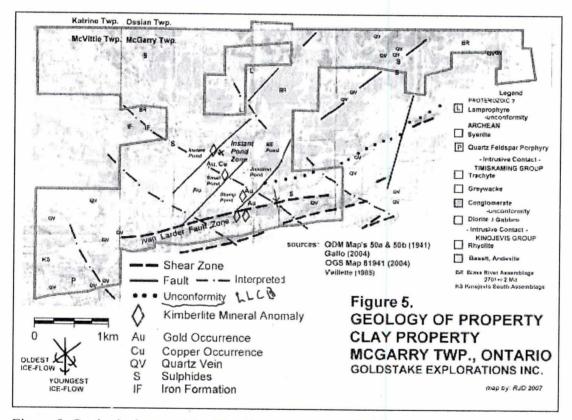


Figure 5. Geological map of the Clay Property as described by Dillman (2007, 2008).

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## **Ore Deposit Types**

Exploration of the Instant Pond Zone is focusing on typical Archaean-Proterozoic style goldcopper-silver mineralization. Mineralizing fluids associated with hydrothermal activity often results in ore deposits in structures coupled to regional fault zones that act as channels to hydrothermal fluids. Gold, copper and silver occur in veins, stringer stockwork systems and alteration zones. Gangue minerals include sulphides consisting of pyrite and chalcopyrite, as well as quartz, calcite and epidote typical of epithermal Cu-Au systems.

# **Known Mineralization**

The Clay Property is situated within a major alteration-deformation zone associated with the development of the Larder – Cadillac Break that hosts a number of world-class gold deposits. The Kerr-Addison Mine located 3 km south of the property produced 11 million ounces of gold from ore-types consisting of *flow-ore* or pyritized mafic volcanic rocks (pillow lavas) and from *carbonate-ore* in highly altered ultramafic rocks containing fuchsite alteration.

Three mines are currently producing gold in the vicinity to the Clay Property. The Armistice Mine and Cheminis Mine are situated 3 kilometres south and southwest of the property (Figure 1). Both mines produce gold from flow and carbonate-type ores, and from zones of silicification in altered and deformed meta-sedimentary rocks. The Rocmec Mine (formerly the Russian Kid) is located in Quebec approximately 7 kilometres northeast of the property. The Rocmec Mine currently produces gold from narrow high-grade vein structures using conventional mining methods and *fragmentation mining*, a new technique specifically designed for small-vein mining.

# Exploration

Since acquiring an option to the Clay Property in 2003, Goldstake has explored the Clay Property for gold, base metals and diamonds. Most gold exploration has focused on the Instant Pond Zone and has consisted of limited trenching, a ground magnetometer and VLF-EM survey, and diamond drilling. recent years. ALS Minerals has the analytical tools and years of experience to help you with this potentially valuable search.

Selection of the best method for the accurate determination of precious metal content in a sample is highly dependent on the nature of the sample matrix, the grain size and distribution of the precious metals of interest and the objective of the analytical result.

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### Gold

#### **Fire Assay Fusion**

For quantitative analysis of gold, the fire assay procedure is still the preferred choice globally. However, it should also be recognized that a wide variety of minerals and metals such as chromite, base metal sulfides and oxides, selenides and tellurides in moderate to high concentrations, can interfere with the fire assay process, generally leading to low precious metal recoveries. With prior knowledge of the presence of these minerals and metals, ALS Minerals can modify flux constituents and increase flux to sample ratios to improve recoveries. In most cases, a reduction in sample weight will yield higher precious metal recoveries, particularly in the presence of the interfering species mentioned above. For optimum gold and PGE recoveries for most sample matrices, ALS Minerals recommends a 30g maximum charge weight.

ANALYTE	RANGE (ppm)**	DESCRIPTION		CODE	PRICE PER SAMPLE (\$)
Trace Lev	rel				
Au	0.001-10	Au by fire assay and ICP-AES. 30g nominal sample weight 50g nominal sample weight		Au-ICP21 Au-ICP22	16.70 19.75
Au	0.002-1	Au by fire assay and AAS. 30g nominal sample weight 50g nominal sample weight		Au-AA21 Au-AA22	17.35 20.40
Au	0.005-10	Au by fire assay and AAS. 30g nominal sample weight 50g nominal sample weight		Au-AA23 Au-AA24	16.05 19.10
Ore Grad	e				
Au	0.01-100	Au by fire assay and AAS. 30g nominal sample weight 50g nominal sample weight	4 y	Au-AA25 Au-AA26	16.70 19.75
Au	0.05-1,000	Au by fire assay and gravimetric finish. 30g nominal sample weight 50g nominal sample weight		Au-GRA21 Au-GRA22	21.05 25.30
Au Ag	0.05-1,000 5-10,000	Au and Ag by fire assay and gravimetric finish. 30g nominal sample weight 50g nominal sample weight		ME-GRA21 ME-GRA22	27.25 31.55
Au	0.05-1,000	1 kg.screen fire assay. Screen to 100 micron. Duplicate assay on screen undersize. Assay of entir 30g nominal sample weight 50g nominal sample weight	e oversize fraction.	Au-SCR21* Au-SCR24*	55.65 61.75

\* Other screen sizes may be available - please contact your local office for details.

\*\* 1 oz/ton = 34.2857 ppm

