## ASSESSMENT WORK REPORT

#### **REPORT ON**

## STRIPPING, TRENCHING AND SAMPLING PROGRAM ON THE CHURCHILL TOWNSHIP PROPERTY OF ROY ANNETT DURING SUMMER OF 2001

# CHURCHILL TOWNSHIP; DISTRICT OF SUDBURY LARDER LAKE MINING DIVISION

NTS 41 P 11

RECEIVED

DEC 0 5 2001

GEOSCIENCE ASSESSMENT
OFFICE

November, 2001

J. L. Tindale, Geologist

Latitude 47 °36'

Longitude 81° 15'



41P11SE2036 2.225

CHURCHILI

010

PROVINCIAL RECORDING
OFFICE - SUDBURY

RECEIVED

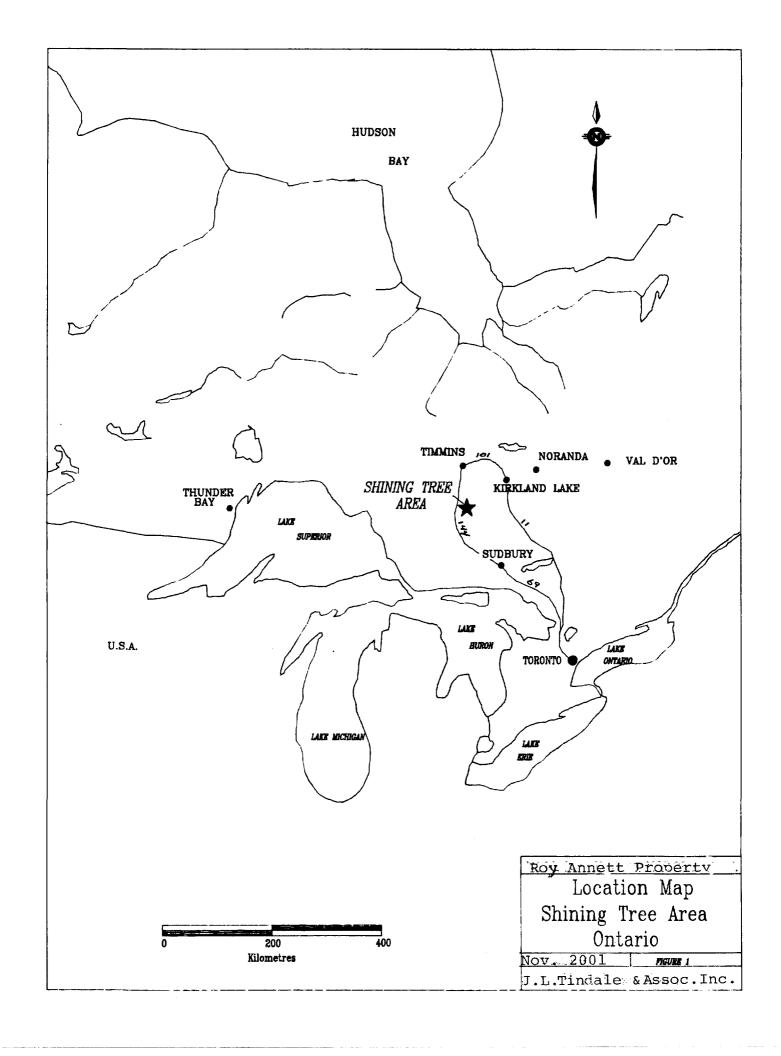
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A.M.
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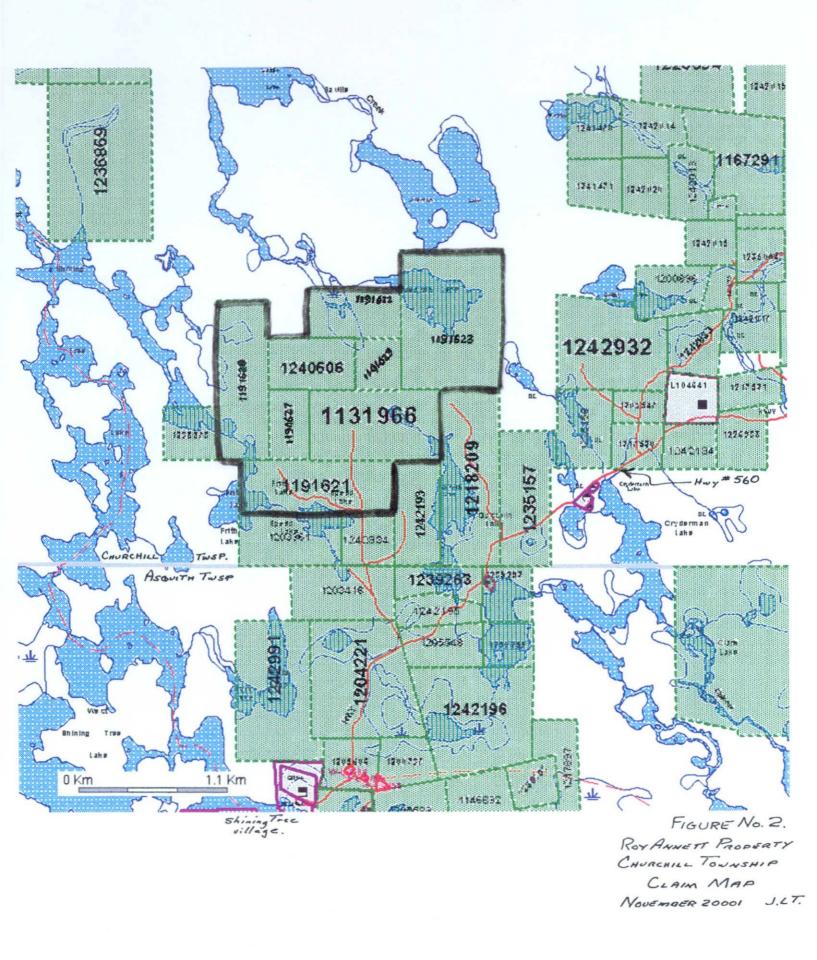
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#### SUMMARY

- 1. Roy Annett of Shining Tree is the registered owner of a contiguous block of eight mineral claims totaling 22 units in the south-central Churchill Township, Shining Tree area, Northern Ontario
- 2. Gold mineralization occurs in two prominent strike extensive shear controlled structures which have been the subject of surface exploration in 2001.
- 3. Stripping and blast hole trenching over an area of intensely crenulated shearing has exposed a strong northerly striking zone carrying elevated gold, silver and tungsten values on claim 1240606 over a strike length of over 300 metres. Gold values up to 3.57 gms/t and tungsten up to 1010 ppm have been obtained. Named the "Scheelite Zone", the structure remains open along strike and to depth.
- 4. Sampling of a previously stripped quartz vein system on claim 1131966, dubbed the "Higrade Zone", has returned values up to 39.05 gm/t gold, 158 gm/t silver from selected grabs. The veins contain flecks and films of galena, sphalerite and chalcopyrite and assays report anomalous arsenic and tungsten. Gold is suspected to be in the form of telluride. The zone has been traced intermittently over a strike length in excess of 300 metres.
- 5. A program of linecutting, geological mapping and geochemical sampling is planned to further develop the promising occurrences outlined to date and to explore for further gold related structures.
- 6. The strong gold values present in both the Higrade and the Scheelite zones and the strength and length of the two mineralized structures outlined by the initial work program bodes well for the future development of the property.



#### INTRODUCTION

Roy Annett of Shining Tree, Ontario, a prospector has put together a group of 8 contiguous mining claims in south-central Churchill Township for the purpose of exploring a number of gold-tungsten occurrences which he had discovered in the late 1970's. Annett acquired the group by staking over a period of approximately sixteen months and initiated a program of stripping, pitting and sampling during the summer and autumn of 2001. This report describes the work program.

### PROPERTY HOLDINGS AND OWNERSHIP

Claims making up the contiguous group are listed in the following and their location is depicted on figure No. 2.

Claim No.	Units	Record Date
1191621	3	June 15, 2000
1191622	2	Mar. 20, 2000
1191623	6	Mar 20, 2000
1191627	1	June 15, 2000
1191628	3	June 15, 2000
1191629	1	Sept. 28, 2000
1131966	4	Dec. 5, 2000
1240606	2	July 3, 2001
Total	22	

The claims are recorded in the name of Roy Annett who shares ownership equally with his partners in the venture, namely, Larry Salo of Connaught, Ontario and Jack Tindale of Toronto, Ontario. Robin Lowe of Waterloo owns a 5% interest in the property.

### **LOCATION AND ACCESS**

The property is located approximately three kilometers north of the village of Shining Tree in the District of Sudbury, Larder Lake Mining Division. Paved highway No. 560, which passes through Shining Tree, connects with Hwy. 144 some 35 kilometres to the west from which access to Timmins to the north and Sudbury to the south is obtained. Figure 1 depicts the property location in relation to these major centres.

A bush trail suitable for four-wheel drive vehicles leads north for about 2 km. from Highway 560 from a point approximately two kilometers east of Shining Tree and provides access to the claim group.

## **GENERAL GEOLOGY**

The geology of Connaught and Churchill Townships was mapped by M. W. Carter in the late 1970's and published as O.G.S. report No. 190 in 1980. Since Carter's mapping much of the area has been clear-cut giving rise to a multitude of logging roads and trails and subsequent additional exposures of rock outcroppings. Quoting Carter's general geology - "Lithologically

the Early Precambrian rocks comprise a metavolcanic and metasedimentary sequence, interlayered with mafic and ultramafic rocks, all of which are intruded by felsic to intermediate to plutonic rocks and diabase dikes".

The Annett property, much of which was mapped at a scale of 1 inch - 400 feet by Peter Born for Onitap Resources Inc. in 1985, (MNDM Assessment Files), is underlain with light to dark green mafic volcanics varying in composition from basalt to andesite. Pillows are common though chlorite and carbonate alteration obscures the primary textures in most locations. The rocks appear to trend in a roughly NW-SE direction with foliation mirroring this orientation. A small plug of feldspar porphyry underlays the little lake on claim 1131966. North and northwest striking diabase dikes cross the property.

## TABLE OF FORMATIONS (after P. Born)

## Early to Late Precambrian

Mafic Intrusive Rocks - diabase, gabbro, pyroxenite.

Felsic Intrusive Rocks - feldspar porphyry.

Utramafic to Intermediate Metavolcanic and Metasedimentary Rocks.

- chlorite tuffs and exhalites.

- andesites
- basalts
- komatiites

## **2001 EXPLORATION PROGRAM**

The writer first visited the property in October, 1999 with Roy Annett who guided us to an area of very old shallow trenches reported to carry values in gold and tungsten. After clearing out two of these occurrences with grub holes, grab samples were taken from each trench which returned values of up to 3.57 gm/t gold and 1010 ppm WO<sub>3</sub>. Host rock appeared to be dark green mafic volcanics exhibiting intense carbonate alteration, yellow sericite alteration, shearing and brecciation. Dark grey, black and blue boudins of quartz were apparent along shear planes. Pyrite was present up to 5% as fine disseminations and cubes. Salmon pink calcite with traces of galena was also present on late stage fracture fillings.

Encouraged by the elevated gold values and the unusual tungsten association it was decided to put together a claim block covering the showing and adjacent ground. The last piece of the claim acquisition process was accomplished in July, 2001 and a program of stripping, blasting and pitting was commenced in August, 2001 initially over the site of the old pits sampled in 1999 and later expanded by prospecting to the northeast. This work is described in the following.

## (a) Main or Scheelite Zone Stripping

Equipment owned by Larry Salo of Sparta Drilling Ltd. from Connaught, Ontario was mobilized to the Churchill Township site on August 1 to 3, 2001. This included a D-4 John Deere

bulldozer, a 250 cfm compressor, rock drills, quad ATV's and miscellaneous tools. Roy Annett of Shining Tree acted as manager with Larry Salo of Connaught and Robin Lowe of Waterloo acting as helpers. Work was completed on August 23, 2001. The writer mapped and sampled the stripped areas during the period August 27 to 29 and made a second trip to the prospect and sampled the Hi Grade Zone on September 25, 2001.

The main or scheelite zone occurs along the west side of a mouton-shaped outcrop of mafic volcanics which exhibit remnant pillows. The main structure is an intensely crenulated shear zone with yellowish sericite and carbonate alteration which has been injected with black, blue and grey quart veins and stringers which have in turn been brecciated and boudinaged and stretched along the shear and crenulation planes. Salmon pink calcite veins and splashes occupy fracture planes within the shear zone often showing blebs of galena and/or chalcophyrite. Pyrite is ubiquitous within the zone as fine disseminations, splashes, blebs and coarse grained cubes. Elevated gold values occur within the intensely altered shear zone along with anomalous tungsten values, presumed to be the mineral scheelite. Sample examinations under ultraviolet light shows the scheelite to be occupying fracture planes as slivers and blebs of mineralization. Silver values are present in a ratio of 2:1, silver to gold, throughout the occurrence.

The main shear zone strikes at 340° Az. and dips to the east at 60-70°. Approximate width of the zone is 5-8 metres. The intensity of shearing and alteration appears to gradually weaken perpendicular to the zone with fresh pillows noted 10 metres east of the zone axis. Stripping and trenching have exposed the occurrence along a strike length of about 100 metres.

Splays off of the main shear zone are occupied by white to grey quartz and quartz-carbonate veins again with ubiquitous pyrite and minor values in gold and tungsten. Silicification of the wall rock along these splays is noticeably stronger than that associated with the main shear-structure.

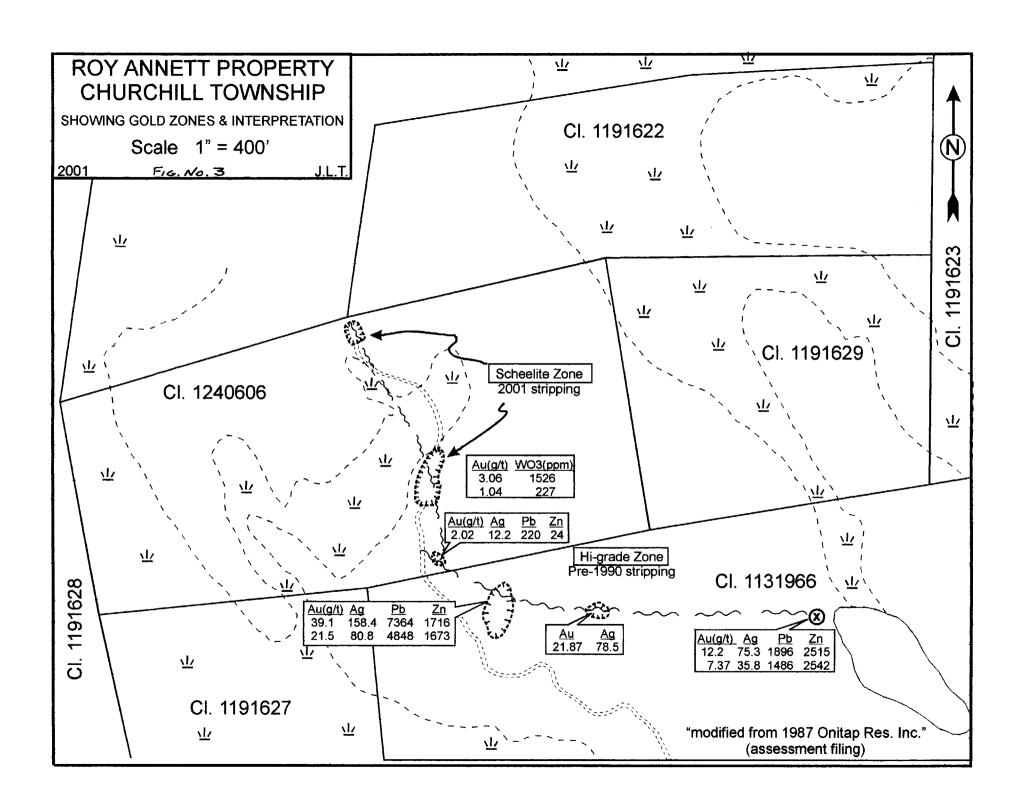
Stripping was concentrated along the main zone outcrop area, the site of the old trenches sampled in 1999. Once a strike was established the zone was uncovered some 30 metres south before depth of overburden prevented further work in this direction. Similarly, to the north the main zone enters low ground with increased overburden. Splays off of the main structure were uncovered and traced westerly for short distances.

Trenches along and across the shear exposed fresh rock over the zone. Utilizing the compressor and rock drills, 4 foot deep holes spaced at approximately 2 foot intervals were blasted into the exposed rusty outcropping with a combination of stick dynamite and ammex explosives. Location of these trenches are depicted on the Main Zone map accompanying this report. Approximately 60 holes were drilled and blasted.

Sample descriptions and assay sheets which correlate with the sample numbers on the accompanying map are appended to this report.

### (b) North Extension Zone

Prospecting along the northerly strike of the main shear zone located what appears to be the extension of the occurrence approximately 300 metres to the northwest. Similar crenulated



shear hosted quartz veining with pyrite and traces of scheelite accompanied by elevated gold values is apparent within a stripped area exposing a strike length of approximately 15 metres. Blasting along this strike length exposed fresh bedrock and similar alteration products to that described at the main zone. Attempts to trace the zone further north were negated by heavy overburden. A broad swampy area occurs between the main zone and this north showing.

## (c) The Higrade Zone

Approximately 350 metres south of the main zone stripping on claim 1131966, the access road passes by an area of stripping, trenching and pitting believed to have been carried out by Onitap Resources in the early 1980's and later blasted into by Strike Minerals in the early 1990's. At first glance this zone of roughly east-west striking white quartz veining appears rather dry and uninteresting being typical of bull quartz veins common throughout the area. On closer examination, however, the quartz is thinly banded with chlorite and sericite along fracture planes and sprinkled with fine blebs and films of galena, sphalerite, chalcopyrite and pyrite. The wall rock appears to be bleached, silicified grey green mafic volcanic, moderately carbonatized and sheared. Secondary stringers of white quartz branch from the main vein system which varies in width from a mere crack to up to 0.5 metres.

Gold and silver values from grab samples of the main quartz structure run up to 39 gms/t gold and 158 gms/t silver. There appears to be a direct relationship between quantity of galena and the gold with increases in one giving rise to an increase in the other. Traces of tungsten are also evident with a high assay of 774 ppm WO<sub>3</sub> being obtained. Slightly anomalous arsenic values are also reported. No visible gold was noted by the writer in the samples taken - even in those running over 1 oz/t - which raises the suspicion the gold may be in the form of telluride.

The veins zone has been traced for over 300 metres in a roughly east-west direction. Exposures are limited to higher ground outcroppings where stripping and/or trenching has removed the overburden. Figure 3 attached depicts the location of the occurrence and the sampling point exposures found to date.

# TABLE NO. 1 ASSAY VALUES FROM HIGRADE VEIN ZONE

Sample No.	Au g/t	Ag g/t	Pb ppm	Zn ppm	As ppm	Location
1625	2.02	12.2	220	24	35	west pit area
1621	39.05	158.4	7364	1716	-	main pit area
1636	21.53	80.8	4548	1673	165	main pit scarp
1638	21.87	78.5	362	57	205	350' east main pit
1637	12.21	75.3	1896	2515	90	near little lake
1626	7.37	35.8	1486	2542	35	near little lake

It is noteworthy that the strike intersection of the scheelite zone and the higrade zone should occur between the west and main pits on the higrade zone. Low ground occupies this area of potential bonanza grade occurrence.

### **FUTURE CONSIDERATIONS**

The gold occurrences worked on during the 2001 exploration program are certainly worthy of more evaluation. The consistent and strong shear structure over 300 metres present on the main scheelite zone with the elevated gold values and tungsten secondary mineralization is an intriguing scenario. The higrade quartz structure, also traceable with for over 300 metres, carries values consistent with its name. The intersection of these two structures presents an intriguing target for future development.

It is recommended that a grid be cut over the property at 100 metre line spacing and pickets at 25 metre intervals. Detailed geological mapping of the property utilizing the grid for control is the next step to tie in the old and new strippings and trenches and allow controlled prospecting for new finds on this obviously well mineralized property.

Detailed geochemical sampling across the strike of both the zones may turn up anomalous occurrences below overburdened areas. The lead and zinc mineralization complementing the higrade zone are obvious geochemical pathfinders for gold accumulations along this trend.

Compilation of detailed mapping, prospecting and geochemical sampling should develop targets for future trenching and/or diamond drilling.

Respectfully submitted

J. L. Tindale, P.Eng.

Toronto, Ontario November, 2001

#### FROM STRIPPINGS ON CLAIM NO. 1240606

Sample No. 1 Assay No. 450

Main Showing H♥y alt<sup>n</sup>, 50% gy wh to gy to dk gy qtz, yellowish alt<sup>n</sup> products 40%, 2-3% pyrite, cubic & diss Au, Ag, WO<sub>3</sub>. ISCP

Sample No. 2. Assay No. 1611

Good flueresence was

Main Showing Muy Alt<sup>n</sup>, 20% gy wh qtz; tightly crinkly banded , folded & fractured; 2-3% pyrite, some coarse cubic; gy yellow alt<sup>n</sup> Au, Ag, WO<sub>3</sub>

Sample No. 3 Assay No. 1612

Main Showing Med gr, gn, sheared, chlorite rich, w dk gy to black qtz strs, pyrite 1-2%; sheard Au, Ag, WO $_3$ 

Sample No. 4 Assay No. 1613

Main Showing Wall rock from footwall south of tr; dk gn chlorite rich w tr pyrite Au, Ag,  $\mathrm{WO}_3$ 

Sample No. 5 Assay No. 1614

Main Showing Salmon pink calcite show w wall rock, mostly vein material; wall rock altered and laced w criss-crossing stringers bl qtz
Au, Ag, WO3. ISCP

Sample No. 6 Assay No. 1615

Main Showing Example of tightly folded sheared rock w bl qtz str, tight banding, yellow alt products Au, Ag, WO $_3$ 

Sample No. 7 Assay No. 1616

West Showing Dk grn, f.g., valc, silicification, pyrite 1-2%, white qtz veins;
Au, Ag, WO<sub>3</sub>

Sample No. 8 Assay No. 1617

Main Zone Contorted, yellow alt<sup>n</sup>, folded, crinkly banded, 2-3% pyrite, Ext<sup>n</sup> S. wh qtz veinlets, dk gy, boudins qtz and along banding; pyrite cubes common Au, Ag, WO<sub>3</sub>

Sample No. 9 Assay No. 1618

Main Show Salmon pink calcite veins and stingers along wall rock, W.R. Ext $^{\rm n}$  S. highly contorted Au, Ag, WO $_3$ 

Sample No. 10 Assay No. 1619

North Showing Altered yellow & ga. mottled, fine grained, gy to bl qtz stringers, contorted bedding, sheared; 2-3% pyrite, wh qtz

veining; wh qtz incl.

Au, Ag, WO<sub>3</sub>

Sample No. 11 Assay No. 1620

North Showing At N. end pit, dk gn to gy gn, m.g. volc with bl chert frags;

also wh qtz incl, 2-3% py as diss and cubes; calc along gash

fractures, Trace fluorezence wos.

Au, Ag,  $WO_3$ . ICAP

Sample No. 12 Assay No. 1621

Forbes Pit Qtz vein w pyrite, 4" wide, gy wh to grey, coarse, pyrite

2%±

Au, Ag



# Swastika Laboratories Ltd

Assaying - Consulting - Representation

# Assay Certificate

1W-2022-RA1

Date: SEP-06-01

Company: RO

**ROY ANNETT** 

Project:

CHURCHILL

Attn:

J. Tindale

We hereby certify the following Assay of 14 Rock samples submitted AUG-30-01 by .

Sample Number		Au g/tonne	Au Check g/tonne	Ag g/tonne	Cu %	Zn %	Multi Element	WO3 PPM
450		3.29	3.63	7.2			То	13
1611		1.46	-	2.3	-	_	Follow	1526
1612		0.05	-	0.1	_	-		-
1613	1	0.01	-	0.1	-	-		-
1614		1.04	-	3.5	-	-		227
1615		0.07	-	0.3				-
1616	- :	0.36	-	1.8	-	_		-
1617	75	0.61	-	1.6	-	<u>-</u>		_
.1618	3	0.32	-	0.9	-	-		-
1619	Ch	0.62	-	2.1	-	•-		-
1620		0.70	-	1.3	-			250
(1621		39.05	37.58	158.4	_	-		-
1622		-	-		-			-
1623		0.07	-	3.3	0.277	2.63		-

The WO3 results were obtained by multiplying the multi acid digestion ICP results for W by 1.261.

Certified by\_

## Swastika Laboratories Ltd.

ROY ANNETT 1 Cameron Ave., Swastika, Ontario, P0K 1T0

Tel: (705) 642-3244 Fax: (705) 642-3300

Report No

: 1W2022 RR

Date

Sep-13-01

Attention: Project:

Sample: pulp

## **ICP Report**

Multi-Acid Digestion

Sample Number		Ag ppm	AI %	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sr ppm	Ti %	V ppm	W	Zn ppm
450		5	6.34	360	0.5	5	6.39	<1	38	348	50	6.21	3.12	0.52	755	14	0.52	88	210	52	46	0.03	255	10	<2
1611		2	4.88	220	0.5	<5	12.48	<1	16	237	44	4.38	2.07	0.83	1180	4	0.49	55	250	46	156	0.03	175	1210	2
1612		<1	6.04	170	0.5	<5	7.50	<1	27	242	96	7.95	1.76	2.51	1260	2	0.66	90	270	2	50	0.02	208	<10	24
1613	J	1	7.80	390	<0.5	<5	4.01	<1	37	282	98	8.51	1.63	3.11	1045	2	1.12	106	320	2	27	0.05	283	<10	40
1614	í	2	3.01	150	<0.5	<5	>15.00	<1	13	204	43	2.06	1.53	0.23	1560	2	0.41	27	150	40	138	0.02	105	180	<2
	È																								
1615	Ľ	1	5.89	220	0.5	<5	9.37	<1	29	222	105	6.10	1.86	3.23	1505	4	0.61	74	190	8	96 :	0.03	214	<10	<2
1616	3	2	3.08	180	<0.5	<5	5.44	<1	17	273	56	4.56	1.29	1.17	635	4	0.31	30	140	150	25	0.06	122	<10	2
1617	÷	2	5.91	260	0.5	<5	7.69	<1	28	351	83	4.83	2.70	0.82	805	6	0.63	85	210	14	47	0.04	211	<10	<2
1618	i	1	2.75	110	< 0.5	<5	>15.00	<1	21	106	41	4.22	0.87	1.05	2160	4	0.65	42	120	20	131	0.02	103	<10	<2
1619	Ă	3	6.99	390	0.5	<5	8.49	<1	38	281	170	5.85	3.00	1.09	875	10	0.71	88	290	44	66	0.09	245	<10	<2
	1																						•		_
1620	1	2	6.13	330	0.5	<5	9.64	<1	32	262	99	6.13	2.38	1.09	895	40	0.89	75	390	36	72	0.07	198	70	<2
1621		143	0.50	20	<0.5	15	0.99	41	11	263	13	4.65	0.08	0.25	125	2	0.17	16	40	7364	<1	0.01	28	40	1716
1622		2	5.88	2000	0.5	<5	0.19	<1	61	97	398	2.45	3.24	0.14	50	2	2.80	<1	130	28	469	0.01	7	<10	<2

Up to 100 ppm Cr contamination due to sample grinding.

A .2 gm sample is digested with HNO3/HCIO4/HF/HCL and diluted to 20ml with D.I. H20.

Signed:

Sample No. 1625 From old stripping approx. 400' south of WO<sub>3</sub> showing; appears similar veining to previous sample 400' east from old pits with high grade gold-silver in our sample 1621.

Grey white quartz vein, 2-4" wide, with rare splotches, blebs and streaks of pyrite, often cubic, and occassionally accompanied by galena crystals. Overall sulphide content less than 1%. Quartz quite massive Assay Au, Ag + ICP

Sample No. 1626 From Roy Annett; vein found at north end of third lake on property. Appears to line up with above stripping and appearance is similar. Grey white, massive qtz vein, with splashes and isolated cubes of pyrite, also fine disseminated pyrite in patches; salmon pink calcite ribbons occupying hairline fracture across vein. Possible tr. galena Assay Au, Ag + ICP



# Swastika Laboratories Ltd

Assaying - Consulting - Representation

# Assay Certificate

1W-2213-RA1

Company: ROY ANNETT

Project:

Sheard/Churchill

Attn:

R. Annett

Date: OCT-01-01

We hereby certify the following Assay of 3 Rock/Core samples submitted SEP-26-01 by .

Sample Number	Au g/tonne	Au Check g/tonne	Ag g/tonne	Cu %	Pb %	Zn %	Multi Element
1624	0.02	-	0.2	0.006	0.002	0.016	to
1625	2.02	2.13	12.2	-	~	-	follow
1626	7.37	7.23	35.8	-	-	-	

Certified by

Telephone (705) 642-3244

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0

Fax (705) 642-3300

### Swastika Laboratories Ltd.

**ROY ANNETT** 

Attention: R. Annett

1 Cameron Ave., Swastika. Ontario, P0K 1T0

Tel: (705) 642-3244 Fax: (705) 642-3300

Report No

: 1W2213 RJ

Date

Oct-12-01

Project: Sheard/Churchill

Sample: Rock/Core

### **MULTI-ELEMENT ICP ANALYSIS**

Aqua Regia Digestion

Sample Number	Ag ppm	AI %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sn ppm	Sr ppm	Ti %	ppm V	W ppm	Y ppm	Zn ppm	Zr ppm
1625	9.8	0.12	35	<10	<0.5	<5	2.00	<1	19	660	9	1.29	0.03	0.10	250	4	0.02	32	50	220	5	<1	<10	12	<0.01	13	40	1	24	3
1626	38.4	0.52	35	<10	< 0.5	<5	1.90	66	32	728	402	2.62	0.01	0.68	270	2	0.03	59	120	1486	5	3	<10	<1	0.07	63	60	1	2542	2

Page 1 of 1

Up to 100 ppm Cr contamination due to sample grinding.

A .5 gm sample is digested with 5 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H20.

#### SAMPLES TAKEN BY ROY ANNETT FROM TRAVERSE ALONG STRIKE OF H.G. SHOWING TO EAST

No. 1636 Sample qtz vein below scarp west of main showing. Gy white, banded, c.g. qtz w streaks, blebs, smears of c.g. pyrite; also f.g. diss. pyrite w galena

Au, Ag, ICP

No. 1637 Sample qtz vain 100' west of Lake, east of showing. White to gy white, c.g. qtz; pyrite as c.g. blebs and (1-2%) diss.; flecks of galena throughout Au, Ag, ICP

Sample qtz vein from stripping 300-400' east of &.G. show. No. 1638 White to gry, banded, qtz vein, pyrite c.g. along banding or fractures and as blebs, minor diss; 1-2% pyrite; traces flakes of galena and as diss with pyrite Assay Ag, Au, CIP



# Swastika Laboratories Ltd

Assaying - Consulting - Representation

Assay Certificate

1W-2268-RA1

Company: JACK TINDALE

Date: OCT-11-01

Project: Attn:

Nursery

J. Tindale

We hereby certify the following Assay of 12 Rock samples submitted OCT-02-01 by .

Samp 1 e Numbe		Au Check g/tonne	Ag g/tonne	Cu %	Ph %	Zn %	Multi Element	WRA
1627	0.04	-	0.1	0.004	0.001	0.015	Results	Results
1628	-	-	-	-	-	<del></del>	to	to
1629	-	-	_	-	_	-	follow	follow
1630	0.03	_	0.1	0.002	0.001	0.029		
1631	-	_	-	-	-	-		
1632	-		-			-		
1633	0.01	-	0.6	0.083	0.001	0.351		
1634	-	-	-	~		-		
1635_		-	-		-	-		
1636	21.53	20.85	80.8	-	-	-		
1637	12.21		75.3			-		
1638	21.87	22.22	78.5	-	-	-		

One assay ton portion used for Au.

## Swastika Laboratories Ltd.

J. TINDALE

Project: Nursery Sample: Rock

Attention: J. Tindale

1 Cameron Ave., Swastika, Ontario, P0K 1T0

Tel: (705) 642-3244 Fax: (705) 642-3300

Report No

: 1W2268 RJ

Date

Oct-19-01

## **MULTI-ELEMENT ICP ANALYSIS**

Aqua Regia Digestion

Sample Number	Ag ppm	AI %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm		Sn ppm		Ti %	V ppm	W ppm	Y ppm		Zr ppm
1627	< 0.2	0.07	<5	10	<0.5	15	2.12	1	15	232	13	>15.00	<0.01	1.94	>10000	<2	0.02	39	200	10	5	<1	<10	<1	<0.01	70	20	2	117	17
1630	< 0.2	0.08	<5	10	<0.5	20	2.39	2	10	66	< 1	>15.00	< 0.01	1.97	>10000	<2	0.02	34	210	6	<5	<1	<10	28	< 0.01	69	30	2	258	18
1634	< 0.2	2.91	<5	<10	<0.5	5	0.68	10	130	3005	532	9.76	0.01	3.96	910	<2	0.03	1191	320	10	20	20	< 10	< 1	0.12	218	60	5	2977	10
1635	< 0.2	1.29	<5	30	< 0.5	10	0.26	62	187	1110	1598	10.19	0.01	1.68	440	6	0.04	1024	740	182	10	15	10	< 1	0.11	142	540	8	>10000	27
1636	72.0	0.34	165	<10	<0.5	10	1.29	51	11	214	44	3.11	0.03	0.29	200	<2	0.02	25	50	4848	5	1	<10	5	<0.01	19	600	1	1673	2
1637	73.4	0.34	90	<10	<0.5	5	0.94	55	12	263	127	2.61	0.01	0.42	240	<2	0.03	26	60	1896	<5	3	<10	< 1	0.05	43	60	1	2515	3
Church:11	74.4	0.23	205	10	<0.5	10	2.32	<1	17	229	24	3.69	0.07	0.12	250	4	0.02	37	60	362	<5	1	<10	6	<0.01	18	140	1	57	3

Up to 100 ppm Cr contamination due to sample grinding.

A .5 gm sample is digested with 5 ml 3:1 HCI/HNO3 at 95c for 2 hours and diluted to 25ml with D.I.H20.

Signed: Kon Povan

## Churchill WO<sub>3</sub> Showing

## #1609

Grab from N. Pit; Grey gn yellowish bx fragments floating in gy; gn wh. qtz. carb matrix w black fragments filled in qtz in fragments; pyrite as streaks? fig and cubes and splashes throughout up to 5%; possible sericite alteration to fragments; highly altered; Assay Ay, Ag, WO<sub>3</sub>.

## **#1610**

Grab from S. Puit 15' from 1609; salmon pink calcite with wh, gy, qtz, wh, calc., veins carrying fragments of gn yellow wallrock as in 1609; vein is 75% of sample; pyrite cubes coarse with some fig. pyrite; galena as fig. splashes; Assau Au, Ag, WO<sub>3</sub>, Cu, Pb, Zn, WRA.



Established 1928

# Swastika Laboratories

A Division of Assayers Corporation Ltd.

## Assaying - Consulting - Representation

# Assay Certificate

9W-3067-RA1

Company: J. TINDALE

Date: NOV-19-99

Project:

Churchill

J. Tindale Attn:

We hereby certify the following Assay of 2 Rock samples submitted OCT-14-99 by .

Sample Number		Au Check g/tonne	Ag g/tonne	Cu PPM	Pb PPM	Zn PPM	WO3 PPM	WRA -
1609 1610	1.51 3.29	3.57	4.1 4.6	141	153	54	660 1010	Results to follow

One assay ton portion used for gold.

## TSL Assayers Swastika

J. TINDALE
Attention: J. Tindale

Project: Churchill Sample: Rock

1 Cameron Ave., Swastika, Ontario, POK 1T0

Tel: (705) 642-3244 Fax: (705) 642-3300

Report No

: 9W3067 RL

Date

Oct-29-99

## **ICP Whole Rock Assay**

Lithium Metaborate Fusion

Sample Number	SiO <sub>2</sub> %	Al <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub> %	CaO %	MgO %	Na <sub>2</sub> O %	TiO <sub>2</sub>	K <sub>2</sub> O %	MnO %	P <sub>2</sub> O <sub>5</sub>	LOI %	Ba ppm	Sr ppm	Zr ppm	Sc ppm	Y ppm	Be ppm	Co ppm	Cr ppm	Cu ppm	Ni ppm	V ppm	Zn ppm	Rb %	Nb ppm	Total %	
1610	57.99	3.98	3.01	19.89	0.27	0.13	0.24	1.04	0.20	0.04	13.03	90	70	20	10	10	<5	10	305	140	30	75	130	0.02	<10	99.93	

Sample is fused with Lithium Metaborate and dissolved in dilute HNO3.

ned:

Page 1 of 1



Established 1928

# Swastika Laboratories

A Division of Assayers Corporation Ltd.

## Assaying - Consulting - Representation

## Assay Certificate

9W-0038-RA1

Company: J. TINDALE

Date: FEB-02-99

Project:

Attn:

J. Tindale/R. Annett

We hereby certify the following Assay of 1 Rock samples submitted JAN-06-99 by .

Sample Number	Au g/tonne		Au Check g/tonne	Au Check oz/ton	WO3 PPM	Multi Element	
396	1.70	.050	1.73	. 050	780	Results	
						to	
						follow	

Church: 11 w03

Repues holicos 199

One assay ton portion used.

Certified by

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0 Telephone (705)642-3244 Fax (705)642-3300

TSL Assayers Swastika

1 Cameron Ave., Swastika, Ontario, P0K 1T0

Tel: (705) 642-3244 Fax: (705) 642-3300

Project:

Sample: Rock

J. TINDALE

Attention: J. Tindale/R. Annett

**MULTI-ELEMENT ICP ANALYSIS** 

Aqua Regia Digestion

Cu Mg % Fe Sample Cr K % Mn Mo Na % Number ppm ppm ppm ppm ppm ppm ppm % ppm 396 137 3.26 0.09 0.11 775 1.8 0.60 < 5 10.81 36 <2 0.02

A .5 gm sample is digested with 10 ml 3:1 HCl/HNO3 at 95c for 2 hours and diluted to 25ml with DTH20

Signed J. Held

Report No

Date

: 9W0038 RJ

Jan-15-99

TSL Assayers Swastika

1 Cameron Ave., Swastika, Ontario, P0K 1T0

Tel: (705) 642-3244 Fax: (705) 642-3300

Report No

: 9W0038 RL

Date

Feb-12-99

Project:

Sample: pulp

J. TINDALE

Attention: J. Tindale/R. Annett

**ICP Whole Rock Assay** 

**Fusion Analysis** 

Sample	SiO <sub>2</sub>	Al₂O₃	Fe <sub>2</sub> O <sub>3</sub>	CaO	MgO	Na <sub>2</sub> O	TiO <sub>2</sub>	K₂O	MnO	P <sub>2</sub> O <sub>5</sub> %	LOI	Ba	Sr	Zr	Sc	Y	Be	Co	Cr	Cu	Ni	V	Zn	Rb	Nb	Total
Number	%	%	%	%	%	%	%	%	%		%	ppm	%	ppm	%											
396	53.21	9.57	4.62	15.36	0.55	0.34	0.55	2.40	0.14	0.05	12.82	200	110	30	20	10	<5	20	145	155	50	60	<5	0.01	<10	99.69

Page 1 of 1

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Charetal SP.

Sample is fused with Lithium Metaborate or Sodium Peroxide and dissolved with either HNO3 or HCI respectively.

Signed\_



## **Work Report Summary**

Transaction No:

W0180.31203

Status: APPROVED

Recording Date:

2001-DEC-05

Work Done from: 2001-JUL-20

**Approval Date:** 

2002-JAN-03

to: 2001-DEC-03

Client(s):

102630

ANNETT, ROY

Survey Type(s):

ASSAY

**GEOL** 

**PSTRIP** 

Cla	aim#	Perform	Perform Approve	Applied	Applied Approve	Assign	Assign Approve	Reserve	Reserve Approve	Due Date
L	1131966	\$2,343	\$2,343	\$4,800	\$4,800	\$0	0	\$0	\$0	2005-DEC-05
L	1191621	\$0	\$0	\$3,600	\$3,600	\$0	0	\$0	\$0	2005-JUN-15
L	1191622	\$0	\$0	\$2,400	\$2,400	\$0	0	\$0	\$0	2005-MAR-20
L	1191623	\$0	\$0	\$7,200	\$7,200	\$0	0	\$0	\$0	2005-MAR-20
L	1191627	\$0	\$0	\$1,200	\$1,200	\$0	0	\$0	\$0	2005-JUN-15
L	1191628	\$0	\$0	\$3,600	\$3,600	\$0	0	\$0	\$0	2005-JUN-15
L	1191629	\$0	\$0	\$1,200	\$1,200	\$0	0	\$0	\$0	2005-SEP-28
L	1240606	\$24,433	\$24,433	\$2,400	\$2,400	\$21,657	21,657	\$376	\$376	2006-JUL-03
		\$26,776	\$26,776	\$26,400	\$26,400	\$21,657	\$21,657	\$376	\$376	-

Status of claim is based on information currently on record.



41P11SE2036

2.22538

CHURCHILL

900

Ministry of Northern Development and Mines Ministère du Développement du Nord et des Mines

Date: 2002-JAN-07

**ROY ANNETT** 



GEOSCIENCE ASSESSMENT OFFICE 933 RAMSEY LAKE ROAD, 6th FLOOR SUDBURY, ONTARIO P3E 6B5

Tel: (888) 415-9845 Fax:(877) 670-1555

**Submission Number:** 2.22538 **Transaction Number(s):** W0180.31203

GENERAL DELIVERY SHININGTREE, ONTARIO POM 2X0 CANADA

Dear Sir or Madam

### Subject: Approval of Assessment Work

We have approved your Assessment Work Submission with the above noted Transaction Number(s). The attached Work Report Summary indicates the results of the approval.

At the discretion of the Ministry, the assessment work performed on the mining lands noted in this work report may be subject to inspection and/or investigation at any time.

If you have any question regarding this correspondence, please contact STEVEN BENETEAU by email at steve.beneteau@ndm.gov.on.ca or by phone at (705) 670-5855.

Yours Sincerely,

Ron Gashinski

Supervisor, Geoscience Assessment Office

In codel.

Cc: Resident Geologist

Roy Annett (Claim Holder)

Assessment File Library

Roy Annett (Assessment Office)

