



42A11NE0227 52 TULLY

010

DIAMOND DRILLING

TOWNSHIP: Tully

REPORT No.: 52

WORK PERFORMED BY: White Star Copper Mines Ltd.

<u>CLAIM No.</u>	<u>HOLE No.</u>	<u>FOOTAGE</u>	<u>DATE</u>	<u>NOTE</u>
P 501057	WS-1-81	317.0	July/81	(1) (2)
	WS-2-81	326.0	July/81	(1) (2)
	WS-3-81	357.0	July/81	(1) (2)
P 501058	WS-4-81	367.0	July/81	(1) (2)

1367

NOTES: (1) #548-81
(2) #209-83

DIAMOND DRILL RECORD

Hole No. WS-1-81 Sheet No. 1

Property White Star
 Location Tully Twp.
 Latitude 4 + 00 E
 Departure 8 + 50 S
 Bearing Drilled 45° to N

Dip

Total Footage _____

Elev. Collar _____
 Datum _____
 Date Started June 29 181
 Date Completed July 4 181
 Drilled by Dungee
 Logged by H. D. Carlson

Footage		Formation	Sample Number	Sample Footage	Sample Width	Gold Sample	Gold Sludge	Remarks
From	To							
0.0	16.5	Casing						
16.5	251.5	Intermediate lava flow (andesite?). Massive. Fine-grained to aphanitic. In places fine black and white mottling may be porphyritic texture. Generally medium to light grey in colour. Partly trace of brownish-black spinelite @ ~ 32.0'. Moderate quartz- carbonate @ ~ 42.0'. Mixed quartz vein- ing @ 77', 87', 99', 104', 122', 124', 138', 170', 174', 176'. Rock is coarser-grained and has definite porphyritic texture from 167' to 207'.	135 136	227-232 242-246	5' 4'	Nil Nil		
207.5	263.5	Black, dense, hard, aphanitic, cherty						

Date of Examination _____

DIAMOND DRILL RECORD

Hole No. WS-2-81 Sheet No. 3

Property White Star
 Location Tully Twp.
 Latitude 1 + 00 E
 Departure 2 + 75 S
 Bearing Drilled 45° to S

Dip

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Elev. Collar _____
 Datum _____
 Date Started July 6 181
 Date Completed July 10 181
 Drilled by H. Carlson
 Logged by Dungee

Total Footage _____

Footage		Formation	Sample Number	Sample Footage	Sample Width	Gold Sample	Gold Sludge	Remarks
From	To							
		atches of black graphite @ 234' to 244'	183	243' - 248'	5'	Nil		
249.0	252.5	Black, dense graphite with nodular pyrrhotite and pyrite. 1/8" streak of stibio-pyrite @ 251'. Arsenopyrite is disseminated throughout.	184	248' - 253'	5'	Nil		
252.5	326.0	Andesite flow rock, as before. Heavy black graphite @ 260', 262', 263' - 264', 275', 275.5'. 6" quartz vein @ 290'; 10" quartz vein at 306'. Disseminated py., py., aspy. throughout, heaviest with the graphite.	185	253' - 258'	5'	Nil		
			186	258' - 263'	5'	Nil		
			187	263' - 268'	5'	Nil		
			188	268' - 272'	4'	O.C.C.Z.		
			189	272' - 276'	4'	Nil		
			190	276' - 280'	4'	Nil		
			191	280' - 284'	4'	Nil		
			192	284' - 288'	4'	Nil		
			193	288' - 292'	4'	Nil		
			194	292' - 296'	4'	Nil		
			195	296' - 300'	4'	Nil		
			196	300' - 304'	4'	Nil		
			197	304' - 308'	4'	Nil		
		End of hole.	198	308' - 312'	4'	Nil		
			199	312' - 316'	4'	Nil		
			200	316' - 320'	4'	Nil		
			201	320' - 324'	6'	Nil		

DIAMOND DRILL RECORD

Hole No. WS-3-81 Sheet No. 1

Property White Star
 Location Tully twp.
 Latitude 8 + 00 E
 Departure 8 + 50 S
 Bearing Drilled 95° to S

Dip

Elev. Collar _____
 Datum _____
 Date Started July 11 / 81
 Date Completed July 24 / 81
 Drilled by Allen
 Logged by Dungee

Total Footage _____

Footage		Formation	Sample Number	Sample Footage	Sample Width	Gold Sample	Gold Sludge	Remarks
From	To							
0.0	35.5	Casing						
35.5	267.0	Intermediate - mafic volcanic lava flow rock. Dark to medium-grey-green in colour. Very fine-grained. Some light and dark mottling may be porphyritic texture (andesite?). Minor quartz stringery silicification. Some random fracture planes filled with black chlorite. Sulfides (py, pr) in trace amounts (<1%).	202 203 204 205 206 207	230' - 235' 250' - 255' 229' - 233' 233' - 238' 239' - 243' 243' - 248'	5' 5' 5' 5' 5' 5'	0.005 Nil Nil Nil Nil Nil		
267.0	325.0	Intermediate flow rock, lighter green in colour than unit above. At 295' rock starts to show microporphyroty or slaty cleavage @ ~45° to c/a. Gets stronger down hole to 297' - 1 1/2' core						

AUG 20 1981

DIAMOND DRILL RECORD

Hole No. WS-4-81 Sheet No. 1

Property White Star
 Location Tully twp.
 Latitude 4 + 00 E
 Departure 16 + 24 S
 Bearing Drilled 45° to S

Dip

Elev. Collar _____
 Datum _____
 Date Started July 25 / 81
 Date Completed July 29 / 81
 Drilled by _____
 Logged by H. Carlson Dungee

Total Footage _____

Footage		Formation	Sample Number	Sample Footage	Sample Width	Gold Sample	Gold Sludge	Remarks
From	To							
0.0	86.0	Casing.						
86.0	191.5	Dark grey to black, dense, aphanitic basalt. Very minor quartz-carbonate alteration in stringers, etc. More black chloritic alteration on fracture planes. Rock is lighter in colour, coarser-grained and shows incipient schistosity from 125.5' to 131.5'. Possible spinifer texture (?) @ 101'. No visible sulphides. Core ground - 5' between 87' and 97', and 2' between 105' and 107'.						
191.5	207.0	Light greenish, massive, relict spinifer porphyritic andesite. No visible alteration. No visible sulphides.						

Date of Examination _____



SWASTIKA LABORATORIES LIMITED

P.O. BOX 10, SWASTIKA, ONTARIO P0K 1T0

TELEPHONE: (705) 642-3244

ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS

Certificate of Analysis

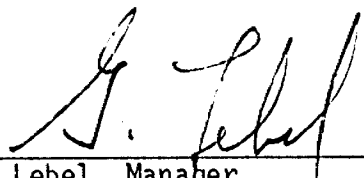
Certificate No. 52040

Date: August 7, 1981

Received July 31, 1981 6 Samples of Split Core

Submitted by White Star Copper Mines Limited, Toronto

SAMPLE NO	GOLD Oz/ton
202	0.005
203	Nil
204	Nil
205	Nil
206	Nil
207	Nil

Per 
G. Lebel, Manager



SWASTIKA LABORATORIES LIMITED

P.O. BOX 10, SWASTIKA, ONTARIO POK 1T0

TELEPHONE: (705) 642-3244

ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS

Certificate of Analysis

Certificate No. 51933

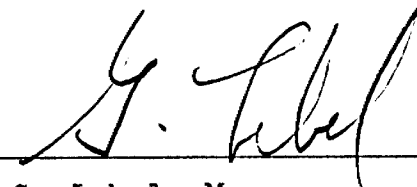
Date: July 27, 1981

Received July 16, 1981 64 Samples of split core

Submitted by White Star Copper Mines Limited, Toronto, Ontario

Att: J.P. Sheridan

SAMPLE NO.	GOLD Oz./ton	SAMPLE NO.	GOLD Oz./ton
138	NIL	170	NIL
139	NIL	171	NIL
140	NIL	172	NIL
141	NIL	173	NIL
142	NIL	174	NIL
143	NIL	175	NIL
144	NIL	176	NIL
145	NIL	177	NIL
146	NIL	178	NIL
147	NIL	179	NIL
148	NIL	180	0.01
149	NIL	181	NIL
150	NIL	182	NIL
151	NIL	183	NIL
152	NIL	184	NIL
153	NIL	185	NIL
154	NIL	186	NIL
155	NIL	187	NIL
156	NIL	188	0.002
157	NIL	189	NIL
158	NIL	190	NIL
159	NIL	191	NIL
160	NIL	192	NIL
161	NIL	193	NIL
162	NIL	194	NIL
163	NIL	195	NIL
164	NIL	196	NIL
165	NIL	197	NIL
166	NIL	198	NIL
167	NIL	199	NIL
168	NIL	200	NIL
169	NIL	201	NIL

Per 
G. Lebel, Manager

ESTABLISHED 1928



SWASTIKA LABORATORIES LIMITED

P.O. BOX 10, SWASTIKA, ONTARIO P0K 1T0

TELEPHONE: (705) 642-3244

ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS

Certificate of Analysis

Certificate No. 51835


Date: July 17, 1981

Received July 8, 1981 10 Samples of split core

Submitted by White Star Copper, Toronto, Ontario

Att: J.P. Sheridan

SAMPLE NO.	GOLD Oz./ton
128	NIL
129	NIL
130	NIL
131	NIL
132	NIL
133	NIL
134	NIL
135	NIL
136	NIL
137	NIL

Per 
G. Lebel, Manager

W830600209



Report of Work

Tully Twp.



42A11NE0227 52 TULLY

The Mining Act

900

Name and Postal Address of Recorded Holder: **J.P. Sheridan 1404 - 7 King St East**
Toronto, Ontario.

Prospector's Licence No.: **M 15350**

Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed	Mining Claim			Mining Claim			Mining Claim		
	Prefix	Number	Work Days Cr.	Prefix	Number	Work Days Cr.	Prefix	Number	Work Days Cr.
58	P	501055	8	P	501063	5			
for Performance of the following work. (Check one only) <input type="checkbox"/> Manual Work <input type="checkbox"/> Shaft Sinking Drifting or other Lateral Work. <input type="checkbox"/> Compressed Air, other Power driven or mechanical equip. <input type="checkbox"/> Power Stripping <input checked="" type="checkbox"/> Diamond or other Core drilling <input type="checkbox"/> Land Survey		501056	5		501064	5			
		501057	5		501065	5			
		501058	5						
		501059	5						
		501060	5						
		501061	5						
	501062	5							

RECORDED
AUG 10 1983
 Receipt No. _____

All the work was performed on Mining Claim(s): **501057, 501058**

Required Information eg: type of equipment, Names, Addresses, etc. (See Table Below)

Core specimens: taken by C.F. Desson from Diamond Drill Holes WS 1-81 to WS 4-81, Tully Twp. Porcupine Mining Division, Ontario. Holes Drilled June 29 to July 29, 1981. Logged and sampled by Dr. H.D. Carlson and submitted for assessment work Dec. 21, 1981.

Core samples delivered to Resident Geologist

4 extra samples were taken (see Sect. 76 (6d))

RECEIVED
 PORCUPINE MINING DIVISION
 AUG 10 1983 P.M.
 A.M. 7 8 9 10 11 12 1 2 3 4 5 6

ONTARIO GEOLOGICAL SURVEY
 ASSESSMENT FILES
 RESEARCH OFFICE

AUG 23 1983
 Date of Report: July 14/83
 Recorded Holder or Agent (Signature): *Chesson*

Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying: **C.F. Desson, Box 1392, Timmins, Ont. P4N 7N2**

Date Certified: **July 14/83**

Certified by (Signature): *Chesson*

Table of Information/Attachments Required by the Mining Recorder

Type of Work	Specific information per type	Other information (Common to 2 or more types)	Attachments
Manual Work	Nil	Names and addresses of men who performed manual work/operated equipment, together with dates and hours of employment.	Work Sketch: these are required to show the location and extent of work in relation to the nearest claim post.
Shaft Sinking, Drifting or other Lateral Work			
Compressed air, other power driven or mechanical equip.	Type of equipment	Names and addresses of owner or operator together with dates when drilling/stripping done.	Work Sketch (as above) in duplicate
Power Stripping	Type of equipment and amount expended. Note: Proof of actual cost must be submitted within 30 days of recording.		
Diamond or other core drilling	Signed core log showing; footage, diameter of core, number and angles of holes.	Nil	Nil



Ministry of
Natural
Resources

Your file:

.705/267/1401,
60 Wilson Avenue,
Timmins, Ontario.
P4N 2S7

Our file:

August 17, 1983.

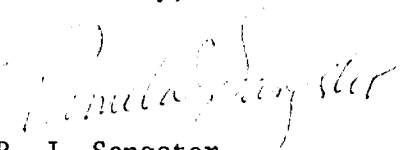
Office of the Mining Recorder,
60 Wilson Avenue,
Timmins, Ontario.
P4N 2S7

Attention: L. Nadeau

Re: J. P. Sheridan Property diamond
drill core samples

As per your request of Aug 16, 1983, this is to confirm that the above samples were delivered to the Resident Geologist's office. Samples from holes WS1-81 to WS4-81 have been added to the Timmins core library.

Yours truly,


P. J. Sangster,
Resources Geologist.
PJS/KMB

MAGNIPHASE E-M SURVEY AND DRILL HOLES

WHITE STAR COPPER MINES LTD

TULLY TWP

E M SURVEY

200' CABLE

B.G. AMP-190

PHASE - 180

SCALE 1"=200'

1"=100 units

by J.P. SHERIDAN P.ENG

OCT 26, 1981

