Diamond Drilling

010

Township of NICOLET
(Former Twp. 28 R.13)

Report Nº: 14

Work performed by: New Senator-Rouyn

Claim Nº	Hole Nº	Footage	Date	Note
SSM 63394	NS-6	740'	Nov/63	
	TOTAL: 1 DH	740'		

Notes:

DIAMOND DRILL LOG

NS-6

PROPERTY: New Senator Rouyn Limited — HOLE NUMBER: NS-6

LOCATION: Batchawana Bay, Ontario — DIP TESTS

Latitude:	1585 N	Dip:	-45°	Footage	Reading	Corrected
	18142 W			730.0	52°	44°15'
Departure:		Depth:	740.0			
Elevation:		Commenced:	Nov. 29, 1963			
Azimuth:	0°	Finished:	Dec. 6, 1963	Logged by:	Matthew Blecha	

SAMPLE NUMBER	DESCRIPTION
	0.0 Casing 18.0
	18.0 Volcanics. Dark greenish grey, fine grained. First 7 feet partly broken up core. The rock is cut by 7-10% qtz stringers and pitches, some offset by minot faulting, which gives the rock a locally brecciated appearance. Medium chloritization, 1% disseminated py. Near end, rock becomes slightly coarser. 32.3
	32.3 Felsite-Rhyolite (?). Pale brownish pink, aphanitic, acidic rock. Low fracturing, mostly at 45° c.a. Cut by 20% qtz stringers, and veinlets, ($\frac{1}{8}$"-12") at various angles, and by 2-3% chlorite stringers. 1-2% py along fractures. 64.3 As above, but qtz increases to 30-35%; patchy chloritization. Minor ofsetting and intersections of qts stringers give rock a brecciated appearance. 1% py, 5% magnetite, assoc'd with qtz. 70.0
	70.0 Volcanics. Green, fine grained, uniform texture. Relatively massive. Low chloritisation, cut by 2-3% qtz stringers, and mineralised with 1-2% py and minor magnetite. 76.5
	76.5 Sedimentary Rock (?) Pale greenish brown, fine grained, uniform texture. Locally distinctly banded at 35° c.a. The bands range in thickness from $\frac{1}{2}$" to 1" and range in colour from pale brownish green to dark grey. Rock is spotted by less than 1% greenish and brown, rounded inclusions, sericitised, and chloritised. (pseudoporphyroblasts?).. The rock as a whole is fairly soft, low to medium sericitised. Less than 1% QC. 94.6
	94.6 Volcanics. Green, fine grained, medium chloritised, cut by 15-20% QC stringers, and 1-2% hematite stringers, some slightly offset by minor faulting. Local minor brecciation. 123.5
	123.5 Sedimentary Rock (?) Pale brownish green, fine grained, relatively massive, slightly sericitised. Spotted with 1% rounded, sericitised and chloritised fragments (?) - pseudoporphyroblasts (?). Generally similar to the sediment at 76.5, but banding much less pronounced. Cut by 1-2% cart. stringers, less than 1% py; upper contact sharp, irregular. 138.0

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DESCRIPTION

138.0 Shatter Zone. Sediments as above, cut by irregular QC and hem. stringers (10-15%), which separate ~~fragments~~ the host rock into distinct, isolated fragments. Note fracture at ≈ 70° c.a. with high earthy green alteration at 140.0.
144.0 Shattered Volcanics. Dark green, medium chloritised, cut by 15% irregular QC stringers, 1-2% hematite stringers, low-medium shattering. (low-medium)
151.0

151.0 Volcanics. Dark greenish grey, aphanitic, very hard. Weakly magnetic. Cut by 1-2% carbonate stringers, 2-3% hematite stringers
160.0 Volcanics, as above, but carbonate increases to 10%, qtz 5%, hematite 3-4%, py 3-4%, with associated minor magnetite. Low to medium chloritisation.
163.0 Volcanics, green, fine grained, medium to high uneven chloritisation. Massive. Less than 1% qtz.
168.2 Volcanics as above, but core broken up. QC and Hem : 10%.
169.5 Volcanics. Fine grained, realtively massive, low-medium chloritization, 5% epidote stringers, 3-5% QC, less than 1% hem. 1% magnetite streaks, 1% disseminated py.
195.0 Volcanics as above, but texture becomes gradually coarser, (coarser) but still rel. fine grained. 5% magnetite, concentrated around 199.5'.
200.0 As above, but core badly broken up.
200.6

206.0 Volcanics (gabbro?) Fine grained, relatively massive and fresh, dark green. Locally distinct ophitic texture. Cut by 5% QC stringers, and patches, less than 1% epidote, and mineralised with 1-2% finely disseminated py and 2-3% magnetite streaks. Low chloritisation.
226.1 As above, but increase in qtz to 30%, epidote 5%,
228.5 Volcanics (gabbro?), as at 206.0,
248.0 Volc's (gabbro?) as at 206.0, but medium chloritisation and epidotization, and core partly badly broken up.
249.3 As at 206.0, but qtz increases to 25%, py 1-2%, mag, chlor'd.
250.6 As at 206.0, Realtively massive, fine grained, slightly chloritised. Cut by 10% qtz stringers, and patches, 1% py, 1-2% magnetite. siliceous qtz-rich zone
300.5 Highly siliceous, qtz-rich zone (50% qtz).
301.5 Highly chloritised volcanics, 5-10% pyrite. brownish green
302.3 Volcanics, fine grained, to aphanitic, brownish green, hard, relatively massive, with local brownish, hard, acidic phase. Cut by 10% qtz stringers, becoming porphyritic near end, with 20% euhedral, qtz and feldspar phenocrysts. hem. ...% chloritized ...
310.9

310.9 Shatter Zone. Medium shatter. Med. to highly chloritised, green, fine grained, volcanic host; 7-10% qtz, 1-2% carbonate, 1-2% hematite stringers, locally silicified. Core partly broken up. (... stringers, locally silicified. Core partly broken up.)
321.0

321.0 Volcanics. Dark green, fine grained, medium chloritised, relatively massive, slightly fractured. Qtz 5%, Carb 2-3%, Hem. 1-2%, From 329.0 to 332.5 medium to high hematite staining, core partly broken up, high chloritization. Becoming slightly coarser from 337.0' on. (... 3-5%)
345.0 Volc's, medium shattered, irreg. carb stringers 2%, Hem. 3-5%. high chloritization.
347.0 Volc's (gabbro?). Slightly coarser grained, rel. massive, med.-high chloritization. QC 1-2%, minor hematite.
349.0

DESCRIPTION

349.0	Felsite-Rhyolite. Dark red, acidic, aphanitic, highly fragmented and fractured. Interstitial chlorite 20%, Qtz stringers 5%.
352.7	Rhyolite Agglomerate (??) Reddish green, acidic rock, consisting of >50% red, acidic, aphanitic, fragments (½"), in a green, fine grained, chloritic matrix. First three feet are highly chloritized, with only a few fragments. The rock is cut by 15% irregular, white qtz stringers, some offset by minor faulting. No carbonate, no hematite. Locally highly chloritized,
369.5	Felsite-Rhyolite. as at 349.0 High fragmentation in first two feet. Qtz 5%, interstitial chlorite 10-15%.
374.5	[illegible]. Green fine grained, medium to highly chloritized, cut by 2% irregular qtz stringers and patches. Ore broken up between 376.3 - 378.0 and between 381.4-383.0 (381.4-383.0) 383.0 Quartz-rich Zone. 65-70% white quartz patches, fragments, and veinlets, apparently invading green, fine grained, silicified volcanics. 1" carbonate stringer at 386.7, minor local chloritization.
398.3	Volcanics. Fine grained, low-medium chloritized, and silicified. Qtz 10%, Cart 1%, Hem 2-3%. Core broken up in the last 12".
411.5	
412.5	Felsite-Rhyolite. As at 349.0 Qtz stringers less that 5%, minor fracturing, mostly at 45-60° c.a. Locally faintly porphyritic, with 15-20% qtz pseudophenocrysts (1-2 mm). Qtz 5-7%.
428.4	
428.4	Shattered Volcanics. Low shatter. Qtz 10%, Cart 1-2%, Hem 3-4%, Fine grained, dark green, slightly chloritized, and silicified, volcanic host. The zone includes a qtz-rich xx stringer, as at 383.0, parallel to core, from 430.5 to 432.8.
	444.0 Medium-high shatter. Cart 30%, core badly broken up, mand 50% lost core.
	455.0 High Shatter, Qtz 20%, Cart 1%, Hem 5%. Fine grained, green, medium silicified, low chloritized volcanic host.
	460.0 As above, but core badly broken up, and 50% lost core.
	477.2 As above; med-high chloritization of a volc. host. Qc 10%, Hem 3-4%, Core broken up from 480.0 to 484.0.
	485.5 Med-high shatter. Qtz rich zone similar to that described at 383.0 Qtz 60%, Cart 10%, Hem 2-3%.
	502.2 Med-high Shatter. Fine grained med. chloritized volc. host. QC 7-10%, Hem 1-2%. 20% of core badly broken up.
	519.0 High shatter. Core badly broken up. QC 10-15%, low chloritization of a volcanic host.
	526.0 Med-high shatter. Low-medium chloritization, volc. host. XX 20% of core badly broken up QC-5%, Hem 2-3%.
	545.0 High shatter. Locally brecciated appearance. Small (10 mm) angular and subrounded fragments of grey, siliceous material rimmed by hematite, embedded in a fine grained, siliceous and chloritic matrix. High hematite staining, QC stringers 15%, Hematite 5%, minor patches of pale greenish talc (?), and epidote. Medium silicification and low chloritization.
556.5	

556.5

556.5 Breccia Zone. 40% angular and subrounded fragments of quarts, volcanic and feldspathic material, in a reddish, hard, aphanitic matrix. Texture of the rock is obscured by high hematite staining. Core badly broken up from 562.7 - 564.5 and from 567.2-569.4

572.0 As above, but rock contains few scattered red granitic fragments, which gradually increase in size and amount.

574.0

574.0 Shattered Granite. Relatively fresh, medium grained, granitic fragments (60%), ranging in size from few millimeters to a few inches cut by and isolated by brownish red, fairly soft, hematite-stained interstitial acidic, altered material (40%). Locally sericitised, Secondary qtz 2-3%, no carbonate, high hematite staining.

590.0 As above, but size of fragments decreases to less than ¼", and the rock has a highly brecciated appearance.

600.0 As above, but core badly broken up.

605.5 Breccia Zone. 20% red granitic fragments (¼"-½") in a fine grained, red, acidic matrix. High hematite staining obscures texture. Qtz stringers 5%. Note fault gauge (55-60°c.a.) at 605.6-606.8'., and from 607.7-608.1.

608.2

608.2 Shattered Gabbro. Fine to medium grained, consisting of 50-55% red stained feldspar, 45-50% highly chloritized mafics. Medium shattered, cut by 7-10% hematite stringers, 20% white carbonate stringers, 10% of core badly broken up. High hematite staining.

666.0 Gabbro, as above, but hematite staining gradually decreases, rock is fairly massive, cut by 5% hematite stringers. Badly broken up from 670.5 to 672.0. Low chloritisation.

(681.5) Shattered Gabbro, as at 608.2. High hematite staining. Hem. stringers 10-15%, carbonate 20%. Core badly broken up from 687.8 to 690.0

690.0 Gabbro, as at 666.0, low shatter. Gradually becoming fine grained, relatively massive and fresh. Carb 1-2%, Hem 2-3%, tr. cpy. Note Tr. cpy in a highly chloritized shear (80°c,n.) between 708.2-709.3.

716.0

716.0 Zone of Shearing and Alteration. High chloritisation, and shearing at 70°c.a., of a gabbroic host. Core broken up from 716.5 - 717.5

717.5

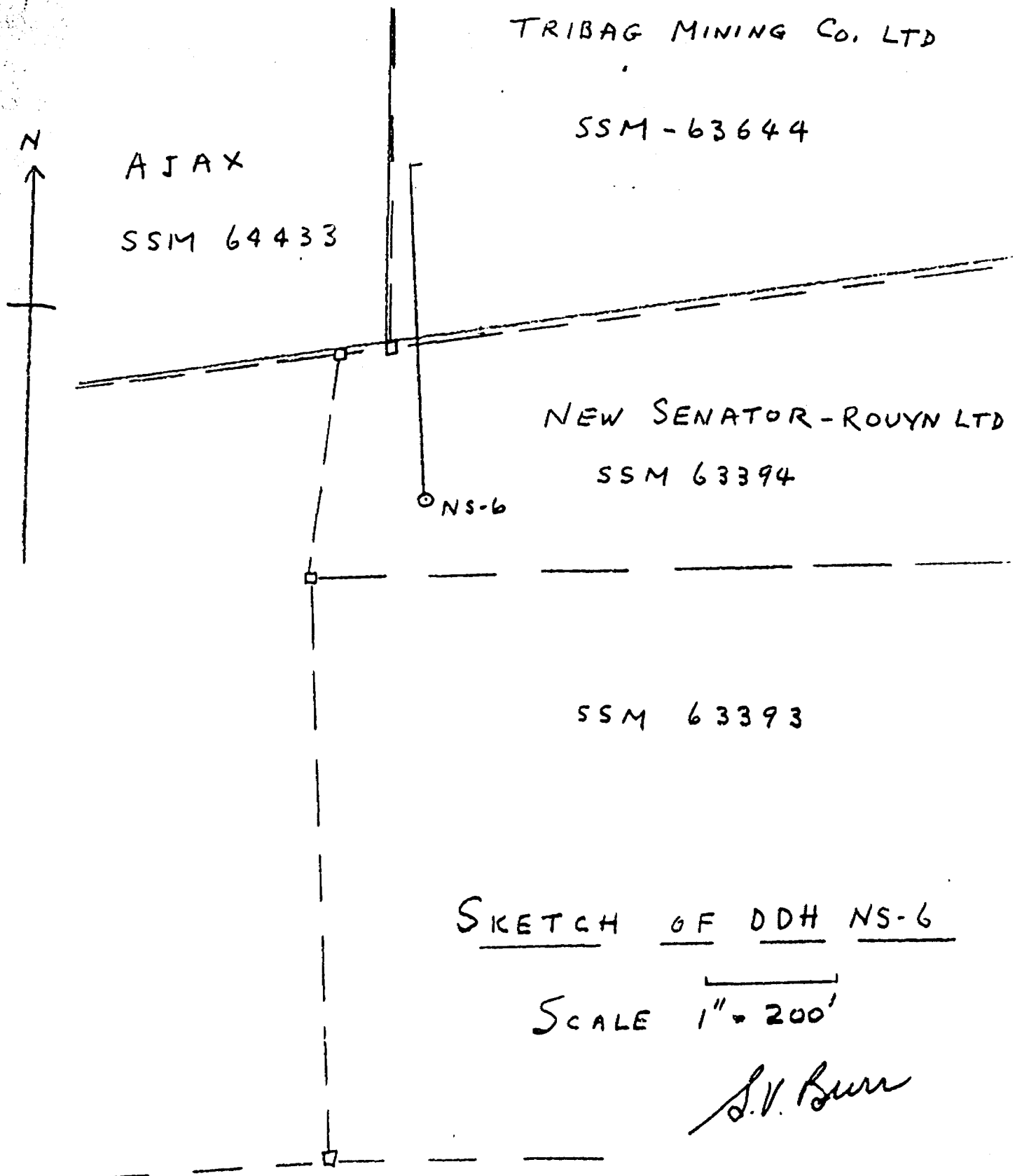
717.5 Granite. Red, medium grained, relatively massive and fresh. 40% qtz eyes, 50% red feldspar, 5% white feldspar, 5-10% chloritized mafics. Low fracturing, with sericite along fracture planes. Carb less than 1%, Note small specks of molybdenite at 727.5 and a small patch cpy at 738.7. Fracturing increases slightly toward the end.

740.0

740.0 End of Hole.

Kathleen Mackey

Kathleen Mackey



SKETCH OF DDH NS-6

SCALE 1" = 200'

S.V. Burr

OFFICE OF MINING RECORDER

ONTARIO

DEPARTMENT OF MINES

SAULT STE. MARIE MINING DIVISION
SAULT STE. MARIE, ONTARIO

900

December 27th, 1963.

Tribag Mining Co. Ltd.,
2014 - 44 King St. West,
TORONTO, Ontario.

Gentlemen: Att: Mr. P. D. Hattie.

Further to your letter dated December 24th, I have this day filed work reports on your mining claims as follows: 75 days on each of SSM.61114-26-27-28; 30 days on each of SSM.63643 & 45; 32 days on SSM.63646. This work is covered by the 392 feet of diamond drilling on SSM.63644.

Would you kindly notify Dr. P. Giblin, at the address shown below, as to the disposition of the core; a copy of your letter to Dr. Giblin would be appreciated for my files also.

Yours truly,

D. A. Jodouin,
Mining Recorder.

DAJ.

c.c. Dr. P. Giblin,
Resident Geologist,
Ont. Dept. of Mines,
1496 Wellington St. East,
SAULT STE. MARIE, Onta io.

ASSESSMENT WORK

SSM-520

TRIBAG MINING CO., LIMITED

SUITE 2014 — 44 KING ST. WEST TORONTO 1, ONTARIO TELEPHONE EMPIRE 4-4902

December 30th, 1963

Dr. P. Giblin,
Ontario Department of Mines,
1496 Wellington Street East,
SAULT STE. MARIE, Ontario

Dear Sir:

We have recently submitted work reports to the Mining Recorder at Sault Ste. Marie in respect to assessment work performed by Diamond Drill Hole NS-6 which was collared on New Senator-Rouyn claim SSM 63394 and projected 392 feet into Tribag claim SSM 63644.

For your information the New Senator-Rouyn core is stored at the Tribag camp, Batchawana Bay, Ontario.

Yours very truly,

TRIBAG MINING CO., LIMITED

P. D. Hattie

P. D. Hattie

PDH/ln

c.c. Mr. D. A. Jodouin

SSM-520