Diamond Drilling

Township OF STRATHCONA **Report Nº:** 10

Work performed by: Persons Unknown

Claim Nº	Hole Nº	Footage	Date	Note
T 34289	1	84'	Oct/55	
	2	78'	Oct/55	
	3	159'	Oct/55	
T 34290	4	283'	Nov/56	
	5	311	Dec/56	
	6	297'	Dec/56	

Notes:

DIAMOND DRILL RECORD, HOLE NO. 1

PROPERTY Strathcona Twp. Byberg Group

SHEET NUMBER 1 | SECTION FROM 0 TO 84.0 | STARTED 13 Oct./55

LATITUDE 317' South No. 1 post T-34289 | DATUM 5.0 ft. above swamp | COMPLETED 17 Oct./55

DEPARTURE 74' West No. 1 post T-34289 | BEARING N-75° W (mag) | ULTIMATE DEPTH 84.0

ELEVATION Surface | DIP -45° | PROPOSED DEPTH --

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	VALUES GOLD AT	AT	AT	AT
0-3.0	Casing								
3.0-18.0	Altered Keewatin volcanics cut by stringers of calcite, no visible mineralization								
18.0-24.8	Grey, siliceous, heavily mineralized Keewatin sediments; sulphides vary from sparse to 50%. Po, cp, py, graphite, sp. Sedimentary banding at 70° to core.								
24.8-35.0	Grey, less siliceous Keewatin sediments, little or no banding; sparse mineralization.								
35.0-39.5	Grey, siliceous, fine grained Keewatin sediments, moderate mineralization.								
39.5-45.5	Black Keewatin cherts, heavy mineralization								
45.5-56.0	Siliceous grey rock with ¼" White								

NORTHERN MINER FORM 505

DRILLED BY

SIGNED J. C. Campbell

DIAMOND DRILL RECORD, HOLE NO. 1

PROPERTY Strathcona Twp., Byberg Group

SHEET NUMBER 2 | SECTION FROM 0 TO 84.0 | STARTED 13 Oct. 1955

LATITUDE 317' South No.1 post T-34289 | DATUM 5.0 ft. above swamp | COMPLETED 17 Oct. 1955

DEPARTURE 74' West No. 1 post T-34289 | BEARING N -75° W (mag) | ULTIMATE DEPTH 84.0

ELEVATION Surface | DIP -45° | PROPOSED DEPTH --

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	VALUES GOLD AT	AT	AT	AT
	spots of vague outline; fine grained	Special 1 at 52.0			4"	Character sample		Gold - nil	
	py and po.								
56.0-84.0	Coarse grained granite, chilled contact								
	at 56.0, frozen. Granite charatterized by								
	abundant coarse blue quartz grains.								
	84.0 End of Hole No. 1								

NORTHERN MINER FORM 505

DRILLED BY R. Barron, Haileybury

SIGNED E. E. Campbell

E. E. Campbell.

DIAMOND DRILL RECORD, HOLE NO. 2

PROPERTY Strathcona Twp., Byberg group

SHEET NUMBER 1 | SECTION FROM 0 TO 78.0 | STARTED 18 Oct. 1955

LATITUDE 317' South No. 1 post T34289 | DATUM 5.0 feet above swamp | COMPLETED 20 Oct. 1955

DEPARTURE 74' West No. 1 T-34289 | BEARING N 75° W | ULTIMATE DEPTH 78.0

ELEVATION Surface | DIP -60° | PROPOSED DEPTH --

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	VALUES GOLD AT	AT	AT	AT
0-3.0	Casing								
3.0-23.0	Grey Keewatin Volcanics, sparse mineralization; numerous carbonate stringers; some banding 80° to core								
23.0-50.5	Massive and disseminated sulphides in chert								
50.5-78.0	Coarse crystalline granite.								
ECONOMIC									
23.0-26.5	Massive pyrrhotite in bands with chert, some pyrrhotite, sphalerite								
26.5-41.0	Grey Keewatin, some disseminated pyrite, pyrrhotite, carbonate stringers								

NORTHERN MINER FORM 505

DRILLED BY .....

SIGNED J. C. Armstrong

DIAMOND DRILL RECORD, HOLE NO. 2

PROPERTY Strathcona Twp., Byberg group

SHEET NUMBER 2 | SECTION FROM 0 TO 78.0 | STARTED 18 Oct. 1955

LATITUDE 317' South No. 1 post T-34289 | DATUM 5.0 feet above swamp | COMPLETED 20 Oct. 1955

DEPARTURE 74' West No.1 post T-34289 | BEARING N 75° W | ULTIMATE DEPTH 78.0

ELEVATION Surface | DIP -60° | PROPOSED DEPTH --

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	VALUES GOLD AT	AT	AT	AT
41.0-47.0	Massive pyrrhotite, 60%; ~~pyrrhotite~~ pyrite and chalcopyrite, 5%								
47.0-50.5	Grey Keewatin sediments, sparse mineralization								
50.5-78.0	Coarse grained granite								
	78.0 End of Hole No. 2								

NORTHERN MINER FORM 505

DRILLED BY R. Barron, Haileybury

SIGNED J. E. Armstrong.

DIAMOND DRILL RECORD, HOLE NO. 3

PROPERTY Strathcona, Twp., Byberg group

SHEET NUMBER 1 | SECTION FROM 0 TO 159.0 | STARTED 20 Oct. 1955

LATITUDE 376 ft. South No.1 post T-34289 | DATUM 5 ft. above swamp | COMPLETED 22 Oct. 1955

DEPARTURE 24 ft. West No.1 post T-34289 | BEARING S 60° W | ULTIMATE DEPTH 159.0

ELEVATION Surface | DIP -45° | PROPOSED DEPTH --

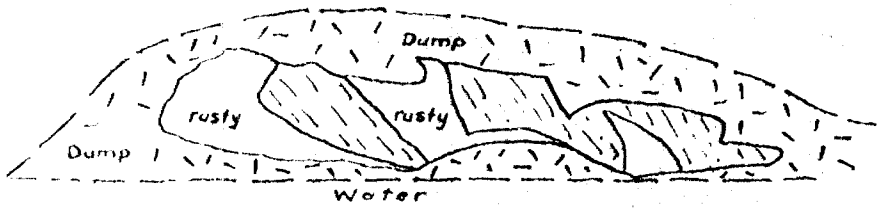
DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	VALUES GOLD AT	AT	AT	AT
0- 5.0	Casing								
5.0-58.5	Grey Keewatin volcanics, numerous carbonate veins and stringers up to 1.5 inches in width at widely varying angles. Minor sparse mineralization. @ 12.0 caving; caved material appears throughout the hole; rusty seams in volcanics.								
58.5-59.0	50% pyrrhotite mineralization								
59.0-83.0	Coarse crystalline granite (Completed to 2:30 p. m. 21 October 1955 and declared on report of work form dated 21 October 1955)								
83.0-159.0	Coarse crystalline granite, very uniform (drilled on 21 and 22 October 1955 and declared on report of work form dated 31 October 1955.) 159.0 End of Hole								

NORTHERN MINER FORM 505

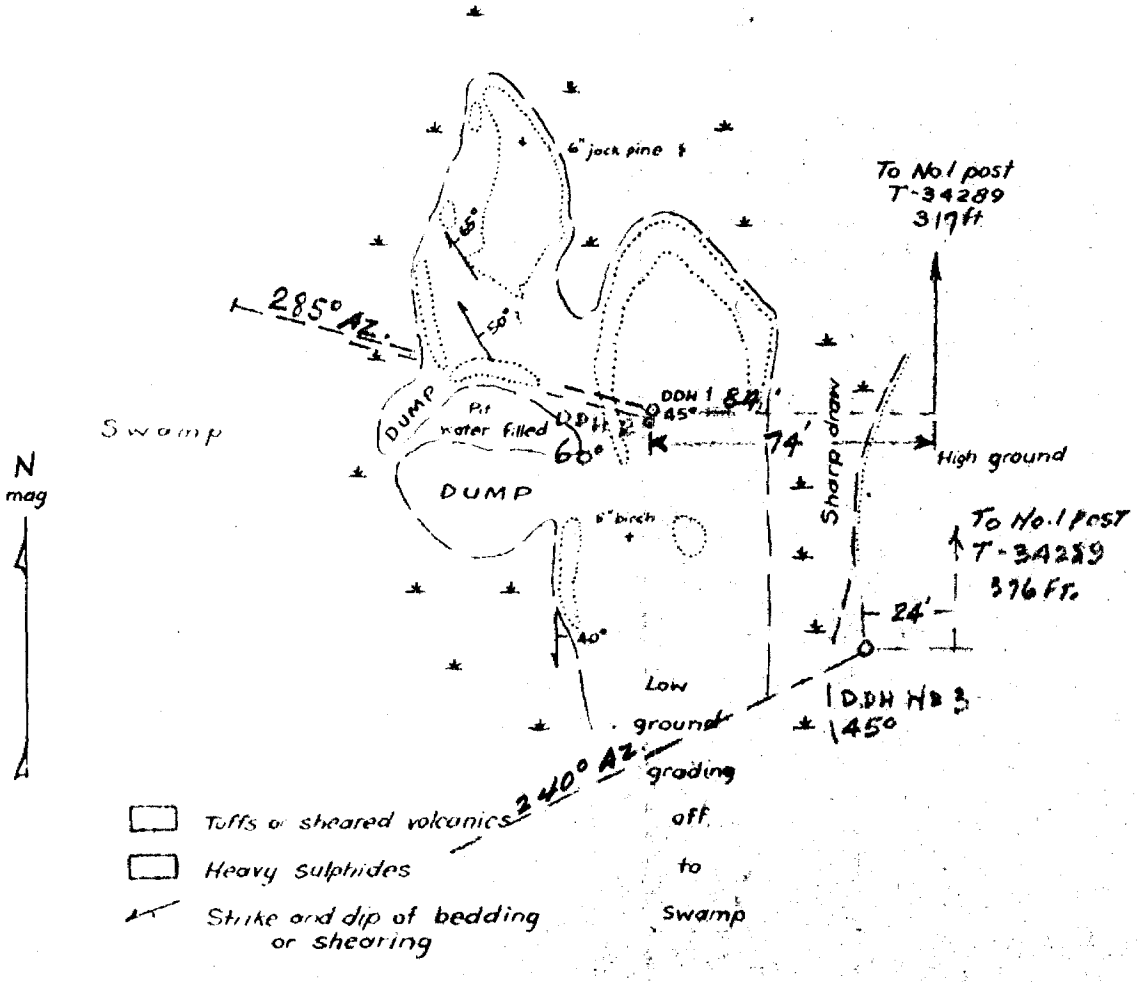
DRILLED BY R. Barron, Haileybury, Ontario

SIGNED. E. E. Campbell

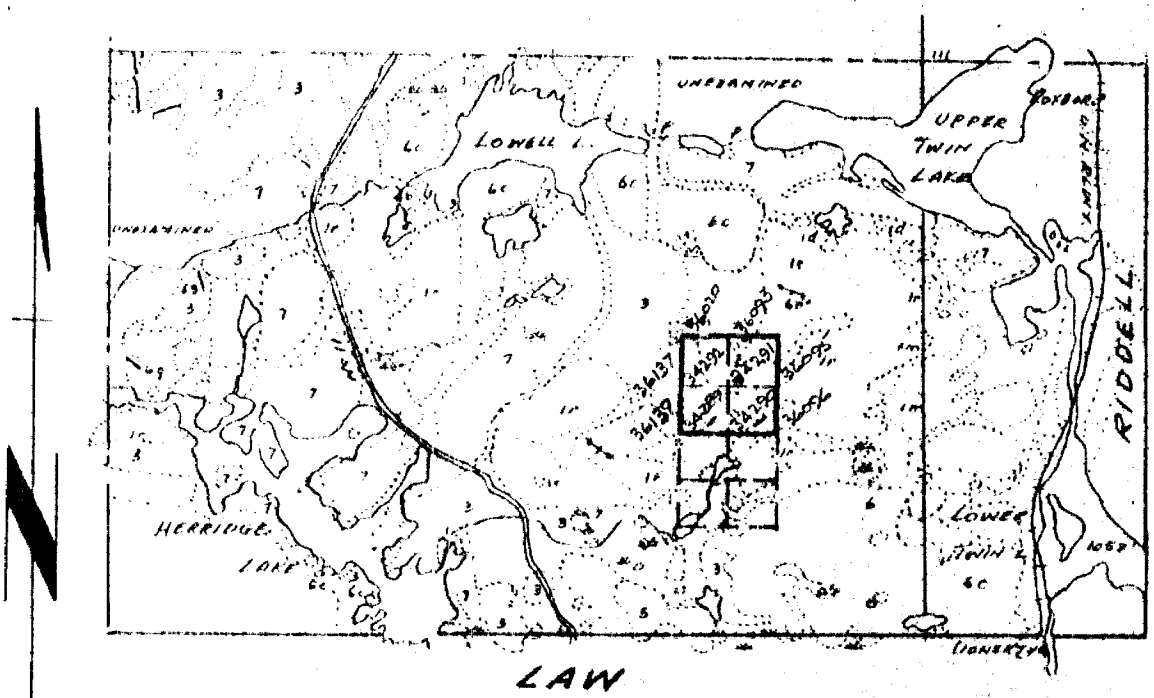
E. E. Campbell



Sketch looking North
across pit
Scale 1 in. = 10 ft.



Sketch showing detail
around Sulphide Showing
T- 34289
Scale: 1 in = 50 ft.



STRATHCONA TOWNSHIP

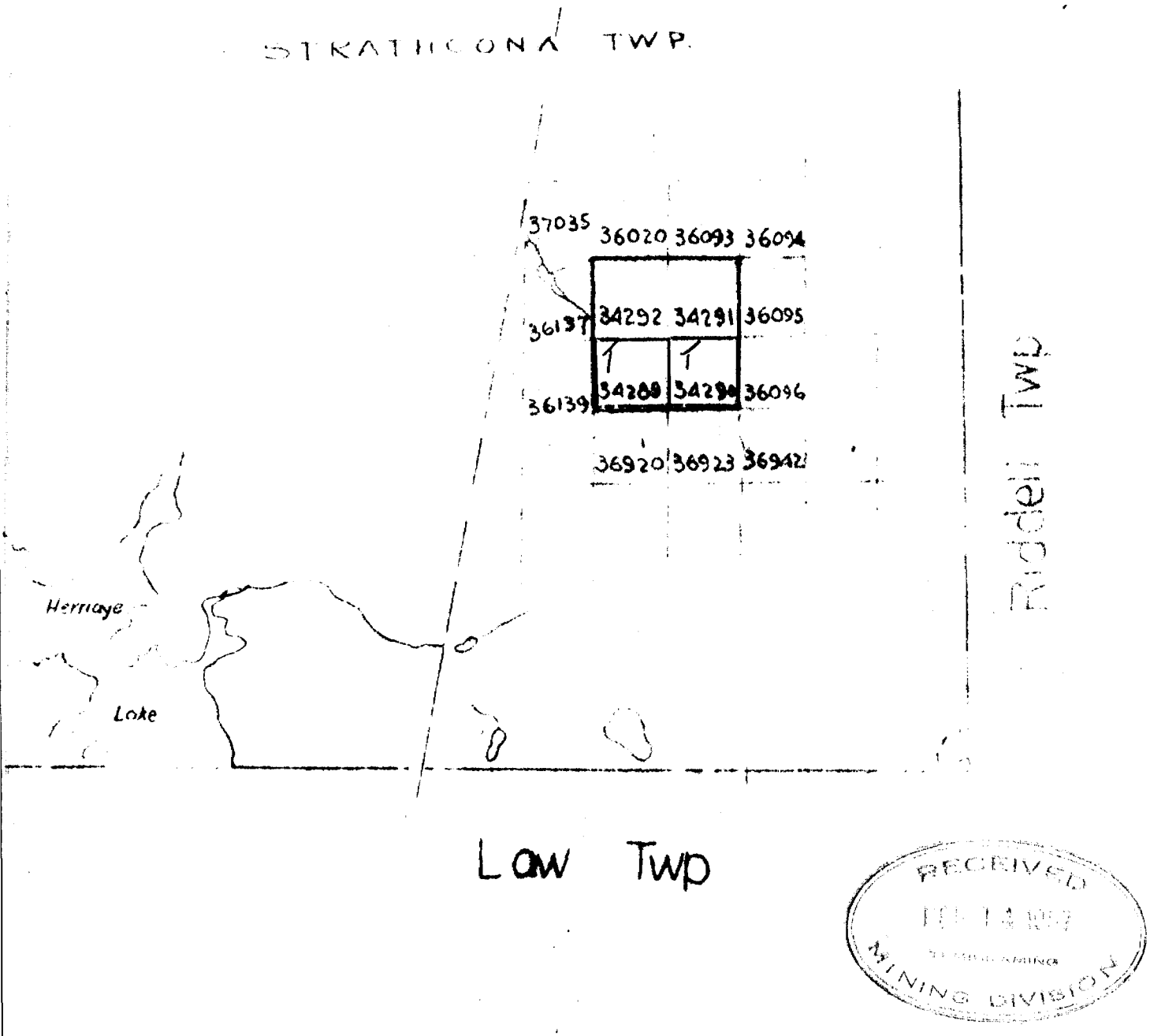
(SOUTH EASTERLY PORTION)

SCALE = 1 INCH TO 1 MILE

OCT - 55

LEGEND

7	NIPISSING DIABASE
6	COBALT SEDIMENTS
5	LAMPROPHYRES ETC
4	PORPHYRY
3	GRANODIORITE, GRANITE
3m	KEEWATIN - GRANITE COMPLEX
1	KEEWATIN



KEY MAP
STRATHCONA TWP.

134x40

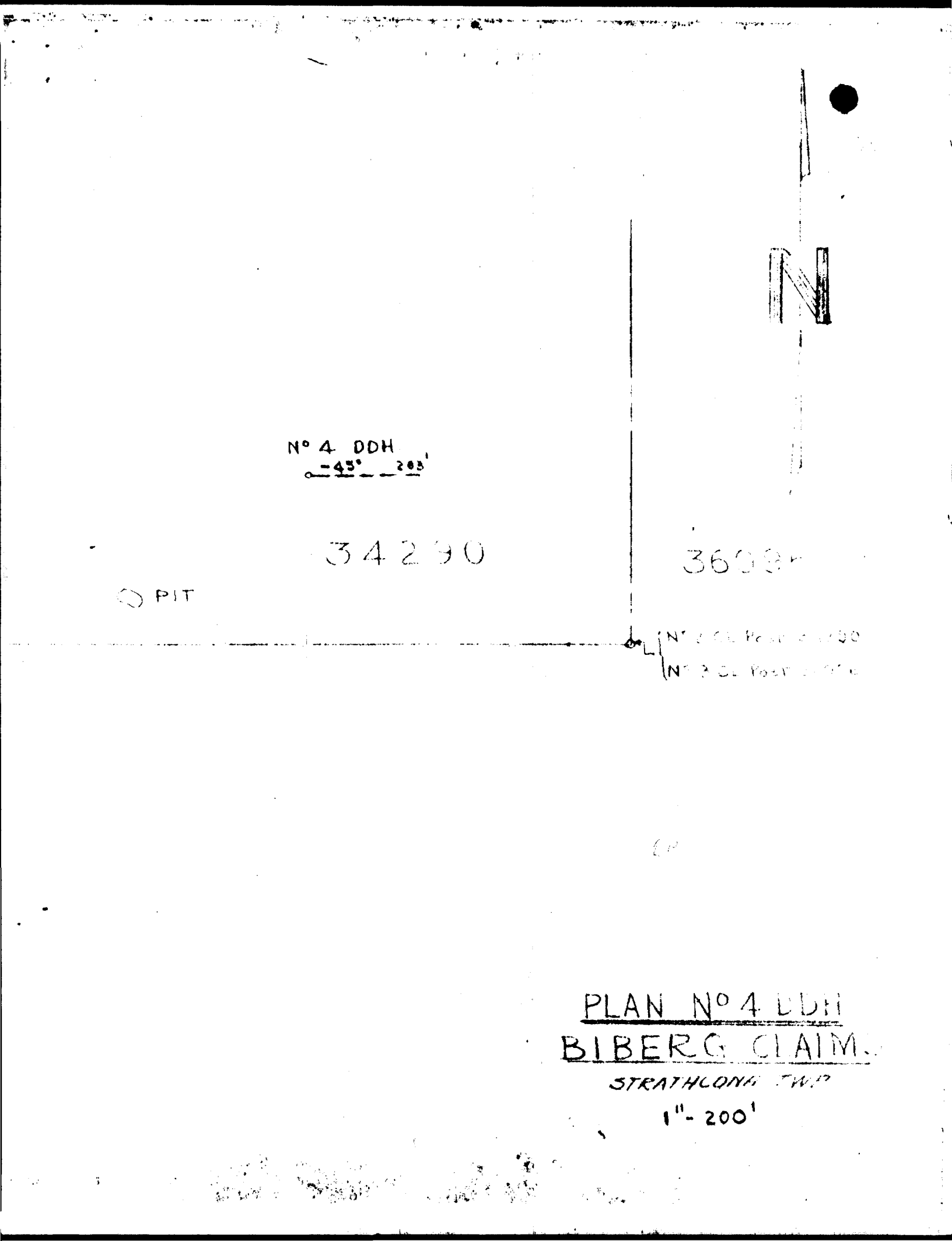
Hole No. [illegible] 4
Sheet No. 1

PROPERTY Sylvanite [illegible] Azimuth 090° Inclination -45° Date Started Nov. 23/56
LOCATION Line 44N 5+80 W., 50' N., Ultimate Depth ~~0+10+~~ 203' Date Completed Nov. 28/56

From	To	Description	Sample No.	From	To	Core Length	Au Oz	Ag Oz	Cu %	Ni %
0	7	Casing (mafic, dark green 80%								
7	76	Basalt, Dark green, F.G., (salic, white 20%								
		No sulphide, few slips & white threads, core angle 25° to 35°.								
	24.7	1/16" veinlet quarts and chalcopyrite, core angle 30°.								
	37.0	1/16" quartz, pyrite and chalcopyrite, core angle 20°								
	37 -	50 - few slips, core angle 20°								
	4[illegible] -	50 - Traces of sulphides, aggregates ¼" diam., [illegible]rite, pyrite.								
	[illegible]	[illegible] to 5% sulphides, very fine disseminated [illegible]								
76	[illegible]	[illegible]te, flow breccia.								
		5% disseminated, F.G., pyrrhotite & chalcopyrite	BIB11	69.0	74.0	5.0	TR.	—	0.10	Nil
	76 -	Contact sharp, core angle 45°	BIB12	76.0	80.0	4.0	TR.	0.3	-	-
80	110	Basalt								
	80 -	98 - 2% - 5% very fine-grained, disseminated sulphides.								
	99 -	104 - 5% fine-grained disseminated sulphides								
	102.5-	½" quartz, 2" felsite, few 1/16" stkeaks sulphides, core angle 25°								
	104 -	109 - Trace of sulphide								
	109 -	114 - 2% pyrite as thin films on fracture planes								
		2% Very fine-grained diss. sulphide.								
110	119	Sediments								
		Dark green, beds 1/16" to 1/8" thick, alternating dark green and very dark green layers, core angle 5°								
		Sulphides - 5% to 10% very F.G. Disseminated								
		2% - Films and 1/16" blebs pyrite.								
[illegible]	[illegible]	[illegible]								
		[illegible] Traces sulphides, [illegible] films.								

			Sample No.	From	To	Length	Cu %	Ni %
144	148	Sediments Thin, 1/16" alternating layers 2% pyrite as thin films						
	148 - 158	163 - Traces disseminated and film sulphide. 155.4 - ½" calcite, barren, core angle 45° 158.1 - ½" Calcite, barren, core angle 45°						
	158 - 163	160 - 2% pyrrhotite as 1/16" streaks 163 - 2" whitish green felcite, core angle 30°						
163	213	Basalt - Sulphides (Traces to 2% (very F.G. disseminated (few 1/16" streaks pyrrhotite						
	163 - 172	193 - aphanitic 173 - Broken core						
	193 - 196	F.G., traces pyrite as films.						
	196 - 213	Very F.G., few 1/16" streaks pyrrhotite (1/16" streaks pyrrhotite						
	213 - 221	Sulphide zone (in Basalt). (pyrrhotite - 12% 15% - 25% sulphides (Pyrite - 4% (Chalcopyrite 4% Sulphides occur as streaks & patches 1/8" to ¼" thick. Core angle 10°	BIB13	213.0	217.5	4.5	Tr	0.06
221.0	235.5	Basalt F.G.						
	224 -	223 - 5% sulphides						
235.5	236.6	Granite dyke M. G. 50% pink feldspar, 50% amphibole contacts - 235.5 - core angle 50 236.6 - core angle 40°						
236.6	237.3	Basalt						
237.3	240.5	Granite dyke Contacts - 237.3 - core angle 40°, 241.4 Broken Core Basalt (not as dark as previous basalts) [illegible] white threads, [illegible] core [illegible] 35° to 40						

	Description	Sample No.	From	To	Core Length	Au Oz	Ag Oz	Cu %	Ni %
268	283 - 1% sulphides, mostly pyrrhotite but traces of chalcopyrite are present.								
283	End of Hole.								



PLAN N° 4 DDH

BIBERG CLAIM.

STRATHCONA TWP.

1" - 200'

DIAMOND DRILL LOG

Sheet No.

[illegible] Township, Azimuth 270° Inclination -45° Date Started Dec. 1/56
[illegible] 448 [illegible] 90W., 55' S., Ultimate Depth 311' DATA COMPLETE DEC/56

From	To	Description	Sample No.	From	To	Core Length	Au Oz	Ag Oz	Cu %	Ni %
0	6	Casing								
6.0	10.0	Basalt Dark green, very F.G., few streaks sulphide 1/16" to 1/8" thick, core angle 70° to 80°, pyrrhotite & pyrite.								
10.0	16.0	Sulphide zone (6% pyrrhotite 10% to 25% sulphides (2% pyrite (2% chalcopyrite) as streaks 1/16" to 1/8" thick and fine disseminated aggregates, core angle 60° Few streaks massive chalcopyrite 1/8" thick								
16.0	42.0	Basalt. Dark green, F. G., 1% sulphides as thin streaks, core angle 60°	RM04	10.0	15.0	5.0			0.14	Nil
	20.5-	3" Pink granite, core angle 80°	[illegible]	41.0	43.0	1.5	[illegible]		—	—
42.0	43.0	Vein - quartz, carbonate, wall rock and sulphides, core angle 60°								
43.0	72.0	Basalt - Andesite?	[illegible]	71.0	72.0	1.0			0.03	Nil
	43 -	48 Numerous threads, core angle 10° to 80° some contain sulphide, 43 - 45 - 5% sulphides (PYRRHOTITE)								
	56 -	57 - 10% sulphides as 1/16" streaks, core angle 70°, pyrite and pyrrhotite. 55 - 1" calcite and pyrite, core angle 20°								
	55 -	72 - Few felsite veinlets with ¼" pyrite blobs.								
	68	72 - 3% sulphides as streaks, 1/16" to 1/8" thick, core angle 70°, mostly pyrrhotite with some pyrite and chalcopyrite.								
72	79	Sulphide zone (Basalt - Andesite) 15% sulphides (pyrrhotite - 12%) 1/16" streaks, core angle 80° (pyrite - 2%) disseminated chalcopyrite - 1%								

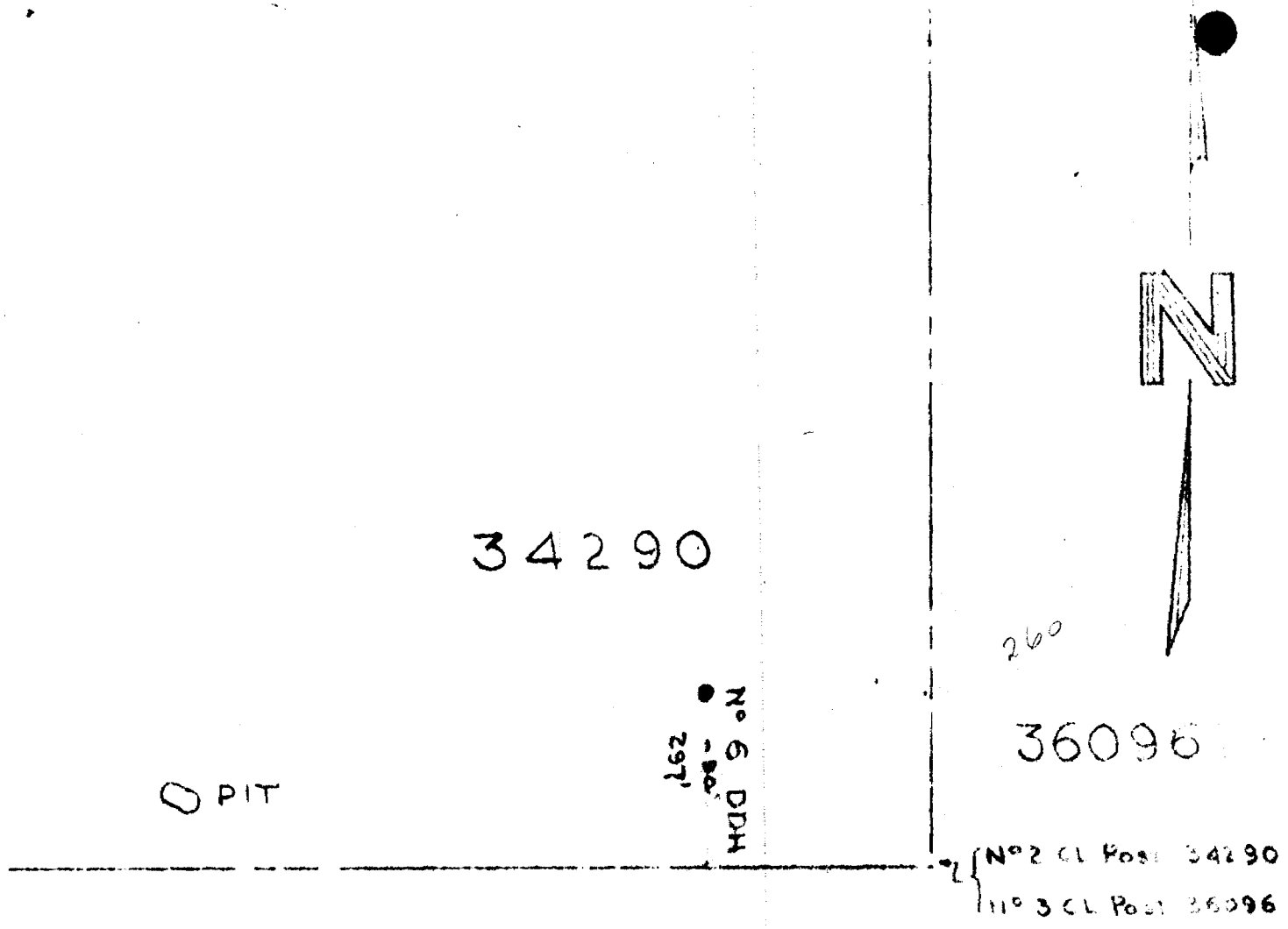
PLAN N° 5 DDH
BIBERG CLAIMS
STRATHCONA TWP
1" - 200'

From	To	Description	Sample No.	From	To	Core Length	Au Oz	Ag Oz	Cu %	Ni %
79	97	Basalt - Andesite. In places shows distinct F.G. igneous texture over length of 2', 30% anhedral feldspar, 70% mafic. Traces sulphide in streaks.								
97	120	Basalt								
	104	- 6" flow breccia.								
	118	- 1" Gray quartz, core angle 70°								
120	237	Basalt - andesite Traces of sulphides as pyrrhotite streaks (core angle 70°). And pyrite films.								
	160	- 170 Weak schistosity, core angle 45°								
	170	- 192 Very dark green								
	211	- 215 F.G., medium green								
	234	- 237 Weakly schistose, core angle 50°								
	237	- Contact grades over 1'								
237	242	Andesite, medium green, aphanitic, traces pyrrhotite, pyrite and chalcopyrite								
	242	contact sharp, core angle 80°								
242	262	Diorite F.G., 60% felsic 40% mafic, trace pyrite, probably interior of flow.								
262	311	Basalt - andesite, dark green, F. G. 70% mafic, 30% felsic								
	305	- 310 - 30% METACRYSTS of amphibole, 1/16" diameter.								
	311	End of Hole								

Depth of Hole 297

DATA STARTED DEC 7/56
DATE COMPLETED DEC 20/56

From	To	Description	Sample No.	From	To	Core Length	Au Oz	Ag Oz	Cu %	Ni %
0	6	Casing								
6	72.6	Basalt, dark green, traces pyrite as films								
	53 -	56 - Few 1/8" white ribbons, core angle 45°								
72.6	82.6	Feldspar porphysy, core angle 60°								
82.6	85.0	Granite								
85.0	96.0	Feldspar porphysy								
96.0	105.0	Sulphide zone, sulphides as layers ¼" to ½" thick, pyrrhotite, pyrite and traces chalcopyrite, core angle 35° - 45°								
105.0	297	Basalt, dark green, traces pyrrhotite as streaks 1/16" thick								
	178 -	180 B. C.								
	191 -	203 - 2% pyrrhotite as streaks 1/16" thick core angle 70°								
	196 -	197 B. C.								
	265 -	285 F. G.								
	297	End of Hole								



PLAN N° 6 DDH
BIBERG CLAIMS
STRATHCONA TWP
1" - 200'