



010

## Diamond Drilling

Area of CASTLEWOOD LAKE

Report N<sup>o</sup> 12

Work performed by: Jorsco Explorations Limited

Claim N <sup>o</sup>	Hole N <sup>o</sup>	Footage	Date	Note
TB 99950	1 (9)	622'	June/62	(1)
TB 99944	2 (10)	510'	June/62	(2)
	13 (21)	508'	July/62	(2)
TB 99953	12 (20)	513'	July/62	(3)

Notes: (1) formerly Martin Lake #15  
(2) formerly Martin Lake #16  
(3) formerly Martin Lake #14





# DIAMOND DRILL RECORD

4-1-293

PROPERTY JORSCO EXPLORATIONS LIMITED HOLE NO. 1 or #9 of series

SHEET NUMBER 1 of 5 SECTION FROM 0 TO 137.5' STARTED June 4th, 1962

LATITUDE Line 51W & 6 1/2 50 N of B.L. DATUM  COMPLETED June 11th, 1962

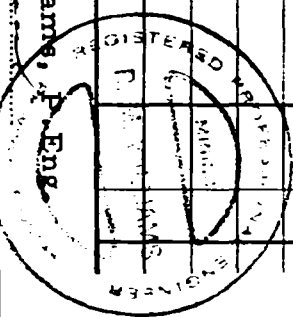
DEPARTURE 1750' East of #4 Post BEARING S 8° E true ULTIMATE DEPTH 622.0'

ELEVATION T. B. 99950 DIP 47° collar, 25° @ 150 and 18° @ 3401 PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD g	SLUGS g
0 - 50.0	Casing 3" to 44'				
50.0 - 62.5	Fine to medium grained greenstone (lavas) siliceous banded 45° to hole full of regional cubical pyrite				
62.5 - 66.0	More siliceous & pyrite cubical	10006	3.5	nil	
66.0 - 71.5	Banded siliceous 70% sulphides, two types - rounded to cubical brassy and fine disseminated grey cubes	10007	5.5	nil	
71.5 - 75.0	Back into the greenstone				
75.0 - 99.0	Banded "bastard iron formation" Scattered regional pyrite throughout				
99.0 - 109.0	Grey medium grained popyrry, scattered sulphides Sharp contacts @ 60° to the hole	10008 10009	5.0 5.0	nil nil	
109.0 - 133.0	Dark fine grained greenstone heavy (20%) semi-angular pyrite throughout - graphitic 115.0 to 120.0 5.0' heavy pyrite	10010	5.0	nil	
133.0 - 137.5	Finer grained tuffaceous, sericitic - some pyrite				

RECEIVED  
SEP 12 1962  
MINING DIVISION

N.M.P. TORONTO-STOCK FORM NO. 98 REV. 2/51  
DRILLED BY Bradley Hos, Limited, Noranda, P. Q.  
SIGNED R. Massey Williams, P. Eng



# DIAMOND DRILL RECORD

PROPERTY JORSCO EXPLORATIONS LIMITED

HOLE NO. 1 or #9 of series

SHEET NUMBER 2 SECTION FROM 137.5 TO 275.0 STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD g	SILVER g
137.5 - 145.0	Banded 45° to hole semi iron formation pyritic				
145.0 - 152.5	More siliceous, pyrite fairly heavy	10011	7.5	nil	
152.5 - 156.0	Darker graphitic phase with pyrite				
156.0 - 162.3	Heavy pyrite siliceous phase (two ages pyrite)	10012	6.3	nil	
162.3 - 200.0	Banded andesitic lavas, fresh & unaltered				
200.0 - 225.0	Banded - normal to hole andesitic lavas, some tuffaceous phases. Scattered regional pyrite				
225.0 - 250.0	As above less mineral, fresher looking				
250.0 - 270.0	As above, a little darker in colour & graphitic pyrite 251.0 - 253.0				
270.0 - 275.0	The lavas with some scattered pyrite and quartz fillings				

POST APPROVAL  
 REVIEWED  
 SFP 194482  
 MINING DIVISION

N.M.P. TORONTO-STOCK FORM NO. 501 REV. 12/81  
 DRILLED BY Bradley Bros. Limited, Noranda, P.Q.  
 SIGNED R. Massey Williams, P. Eng.

# DIAMOND DRILL RECORD

PROPERTY JORSCO EXPLORATIONS LIMITED

HOLE NO. 1 or #9 of series

SHEET NUMBER 3 SECTION FROM 275.0 TO 411.0 STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLDS	BLUDGE GOLDS
275.0 - 300.0	The banded lavas				
	Pyrite 275.0 - 278.5 heavy pyrite	10013	3.5	nil	
	Regular quartz 292.0				
	Pyrite 296.0 - 298.5 heavy pyrite	10014	2.5	nil	
300.0 - 325.0	Light coloured banded andesitic lavas with regional quartz stringers - dry and fresh				
325.0 - 350.0	As above - very blocky, some regional quartz				
350.0 - 375.0	As above, a little blockier				
375.0 - 400.0	Blocky *change of hole dip) light andesitic lavas tuffaceous phases, some barren regional quartz fillings				
400.0 - 404.0	As above				
404.0 - 411.0	Quartzly siliceous section, mineralized throughout light coloured - warped	10015	7.0	nil	

PORT ARTHUR  
 RECEIVED  
 SEP 18 1962  
 MINING DIVISION

N.M.S. TORONTO-STOCK FORM NO. 501 REV. 12/51

DRILLED BY Bradley Bros. Limited, Noranda, P.Q.

SIGNED R. Massey Williams P. Eng.



# DIAMOND DRILL RECORD

PROPERTY JORSCO EXPLORATIONS LIMITED HOLE NO. 1 or #9 of series

SHEET NUMBER 4 SECTION FROM 411.0 TO 452.5 STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD g	SLUDGE GOLD g
411.0 - 413.0	Darker more graphitic no mineral				
413.0 - 414.0	As above - mineralized	10016	1.0	nil	
414.0 - 420.5	Darker phase - scattered mineral				
420.5 - 423.0	Well mineralized - brassy	10017	2.5	nil	
423.0 - 424.0	Darker - no mineral				
424.0 - 431.5	Well mineralized section	10018	7.0	nil	
431.5 - 447.0	Darker graphitic phase - scattered pyrite				
447.0 - 449.0	Graphitic phase, warped & altered, moderately heavy sulphides	10019	2.0	nil	
449.0 - 452.5	Same as above, but only scattered sulphides				

RECEIVED  
 FEB 1 1960  
 MINING DIVISION

N.M.F. TORONTO-STOCK FORM NO. 501 REV. 12/51  
 DRILLED BY Bradley Bros. Limited, Noranda, P.Q.  
 SIGNED R. Massey Williams, P. Eng.

# DIAMOND DRILL RECORD

PROPERTY JORSCO EXPLORATIONS LIMITED HOLE NO. 1 or #9 of series

SHEET NUMBER 5 SECTION FROM 452.5 TO 622.0 STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD g	SLURRY GOLD g
452.5 - 475.0	Andesitic lavas, carbonated regional quartz				
475.0 - 500.0	Andesitic lavas, regional alteration only				
500.0 - 525.0	Andesitic lavas, some regional quartz				
525.0 - 556.0	As above - more 540' to 556' more dioritic				
556.0 - 575.0	A darker phase - andesitic lavas Regional alteration only				
575.0 - 600.0	Andesitic lavas, spherulitic phases, in places tuffaceous some scattered regional quartz				
600.0 - 622.0	Carbonated, andesitic lavas, regional alteration  Bottomed @ 622.0'				

R. Massey Williams  
 MINING DIVISION  
 SEP 19 1962



# DIAMOND DRILL RECORD

4-3-294

PROPERTY JORSCO EXPLORATIONS LIMITED HOLE NO. 2 or #10 of series

SHEET NUMBER 1 of 3 SECTION FROM 0 TO 227.5' STARTED June 13th, 1962

LATITUDE 14°00N DATUM Surface COMPLETED June 18th, 1962

DEPARTURE 24 / 50W BEARING S8°E true ULTIMATE DEPTH 510.0'

ELEVATION 200' S of road from #1 Post DIP 43° @ collar PROPOSED DEPTH \_\_\_\_\_

Class T.B. 99944

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD g	SLURRY GOLD g
0 - 25.0	3" pipe				
25.0 - 35.0	Casing				
35.0 - 50.0	Medium grained dioritic lavas, some regional quartz				
50.0 - 75.0	The same as above				
75.0 - 100.0	As above - regional quartz				
100.0 - 125.0	Carbonated - quartz regional dioritic phase of greenstones				
125.0 - 145.0	As Above				
145.0 - 150.0	Carbonated andesitic lavas, the odd cube of regional pyrite				
150.0 - 200.0	Carbonated andesitic lavas, regional quartz and some scattered cubes of pyrite				
200.0 - 227.5	Carbonated lavas, scattered regional quartz and some regional alteration				

PORTER ASSOCIATES  
HEGEMAN  
SEP 18 1962  
MINING DIV (1513)

N.M.F. TORONTO-STOCK FORM NO. 901 REV. 12/61  
DRILLED BY Bradley Bros. Limited, Noranda, P.Q. SIGNED R. Massey Williams

# DIAMOND DRILL RECORD

PROPERTY \_\_\_\_\_ HOLE NO. 2

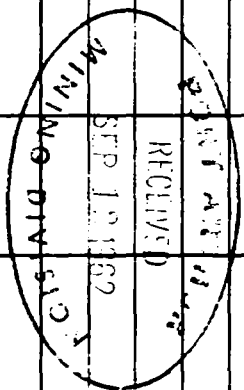
SHEET NUMBER 2 of 3 SECTION FROM 227.5' TO 375.0' STARTED \_\_\_\_\_


LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD g	SILVER g
227.5 - 250.0	Grey green andesitic lavas some quartz (regional)				
250.0 - 257.0	As above regional pyrite				
257.0 - 265.0	Spherulitic lavas, some regional quartz				
265.0 - 275.0	Banded normal to hole andesitic lavas				
275.0 - 300.0	The greenstone lavas, some regional quartz and chloritic alteration quartz 277.0 to 278.0 with cubical pyrite				
300.0 - 325.0	Banded andesitic lavas - regional alteration				
325.0 - 350.0	Fine grained grey green, fresh and only slightly altered andesitic lavas				
350.0 - 378.0	As above				
370.0 - 375.0	Altered granitic dikish material with white bull quartz 373.0 - 375.0				


  
 RECEIVED  
 SEP 19 1969  
 MINING DIV S10

N.M.P. TORONTO-STOCK FORM NO. 801 REV. 12/51  
 DRILLED BY Bradley Bros. Limited, Noranda, P.Q.  
 SIGNED  R. Massey Williams, P. Eng.

# DIAMOND DRILL RECORD

PROPERTY \_\_\_\_\_ HOLE NO. 2

SHEET NUMBER 3 of 3 SECTION FROM 375.0' TO 510.0' STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_

DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD g	SILVER g
375.0 - 400.0	A more dioritic phase, with considerable white bull quartz 2' solid sulphides @ 384', some scattered here & there 375 to 380'				
387.0 - 400.0	Dioritic (greenstones) lavas				
400.0 - 425.0	Medium grained fresh andesitic lavas				
425.0 - 450.0	Fresh andesitic lavas, some evidence regional alteration only				
450.0 - 475.0	As above - banding normal to the hole some scattered regional cubical pyrite				
475.0 - 477.0	As above				
477.0 - 510.0	Light banded, finely grained, class as greywacke sediment, some regional quartz & scattered cubes of pyrite				
End of Hole 510.0'					

Note

water seam in this hole could account for anomaly ??

PORT ARTHUR  
 RECEIVED  
 SEP 19 1962  
 MINING DIVISION

N.M.A. TORONTO-STOCK FORM NO. 501 REV. 12/51  
 DRILLED BY Bradley Bros. Limited, Noranda, P.Q.  
 SIGNED R. Massey Williams, P. Eng.

# DIAMOND DRILL RECORD

13 or #21 of series  
13-294

**PROPERTY** JORSCO EXPLORATIONS LIMITED **HOLE NO.** 13 or #21 of series

**SHEET NUMBER** 1 of 2 **SECTION FROM** 0 **TO** 325.0' **STARTED** July 26, 1962

**LATITUDE** 10 4 00N or 600'S and **DATUM** Surface **COMPLETED** August 2, 1962

**DEPARTURE** 25 4 50W 150' W of **BEARING** S 8° E **ULTIMATE DEPTH** 508.0'

**ELEVATION** Claim T. B. 99944 **DIP** 45° @ collar, 28° @ 300' **PROPOSED DEPTH** \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLDS	SLUDGE GOLDS
0 - 30.0	Casing				
30.0 - 50.0	Bleached, blocky 30°/40° to core, altered phase in the lavas				
50.0 - 75.0	Banded phase in the lavas (slightly sedimentary)				
75.0 - 100.0	Very blocky 40°/60° to core, sericitic alteration				
100.0 - 125.0	Blocky banded phase of the lavas some regional quartz alteration				
125.0 - 150.0	Banded altered volcanics				
150.0 - 175.0	As above, regional pyrite, in part slaty & some scattered quartz				
175.0 - 200.0	Becoming bleached & more sericitic blocky				
200.0 - 225.0	Quartz altered sericitic zone, mud seam @ 200' blocky @ 40°/60° to hole				
225.0 - 250.0	Blocky sericitic zone, bleached & altered				
250.0 - 275.0	Less blocky & regional pyrite scattered throughout				
275.0 - 300.0	Back into the andesitic lavas some regional pyrite				
300.0 - 325.0	Andesitic lavas, regional alteration, some bleaching				

**PORT ARTHUR**  
 RECEIVED  
 SEP 19 1962  
 MINING DIVISION

N.M.F. TORONTO-STOCK FORM NO. 801 REV. 12/61  
 DRILLED BY Bradley Bros. Limited, Noranda, P. Q.  
 SIGNED R. Massey Williams, P. Eng.

# DIAMOND DRILL RECORD

PROPERTY JORSCO EXPLORATIONS LIMITED HOLE NO. 13 or #21 in series

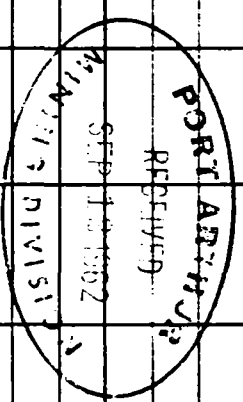
SHEET NUMBER 2 of 2 SECTION FROM 325.0 TO 508.0' STARTED \_\_\_\_\_

LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED \_\_\_\_\_

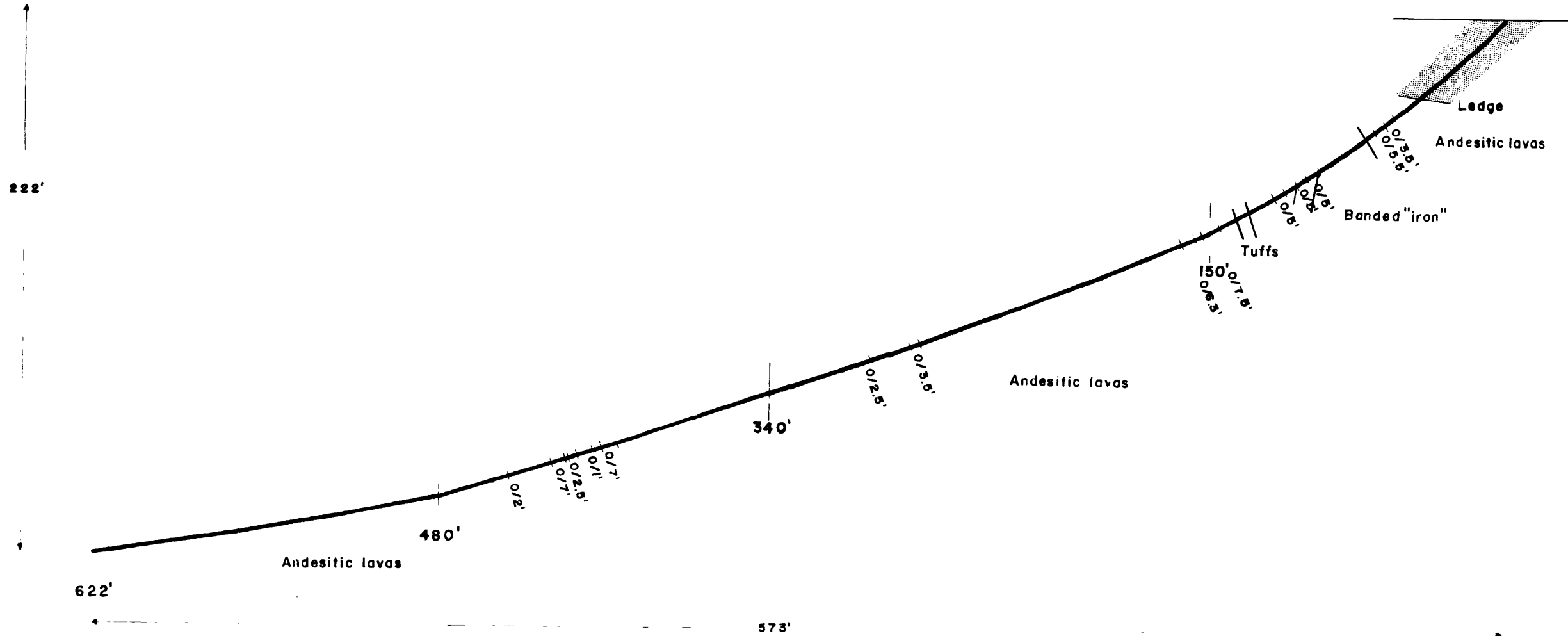
DEPARTURE \_\_\_\_\_ BEARING \_\_\_\_\_ ULTIMATE DEPTH \_\_\_\_\_

ELEVATION \_\_\_\_\_ DIP \_\_\_\_\_ PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLDS	SLUGS
325.0 - 350.0	As above a cherty band 327' to 329'				
350.0 - 375.0	The same banded (40°/60° to hole) lavas blocky				
375.0 - 400.0	Darker more slatery phase contacts 40°/60° to hole				
400.0 - 425.0	Banded phase, minor zones of alteration scattered quartz				
425.0 - 450.0	As above, some dioritic phases				
450.0 - 475.0	Dark slatery, graphitic phase				
475.0 - 500.0	As above - fairly fresh				
500.0 - 508.0	Dark slatery phases, regionally altered				
END OF HOLE 508.0'					


  
 PORT ARTHUR  
 RECEIVED  
 SEP 13 1962  
 MINING DIVISION

N.M.P. TORONTO-STOCK FORM NO. 501 REV. 12/61  
 DRILLED BY Bradley Bros. Limited, Noranda, P.Q.  
 SIGNED R. Massey Williams, P.Eng.



PORT ANGELES  
 REGIONAL  
 SEP 1 1962  
 MINING DIVISION

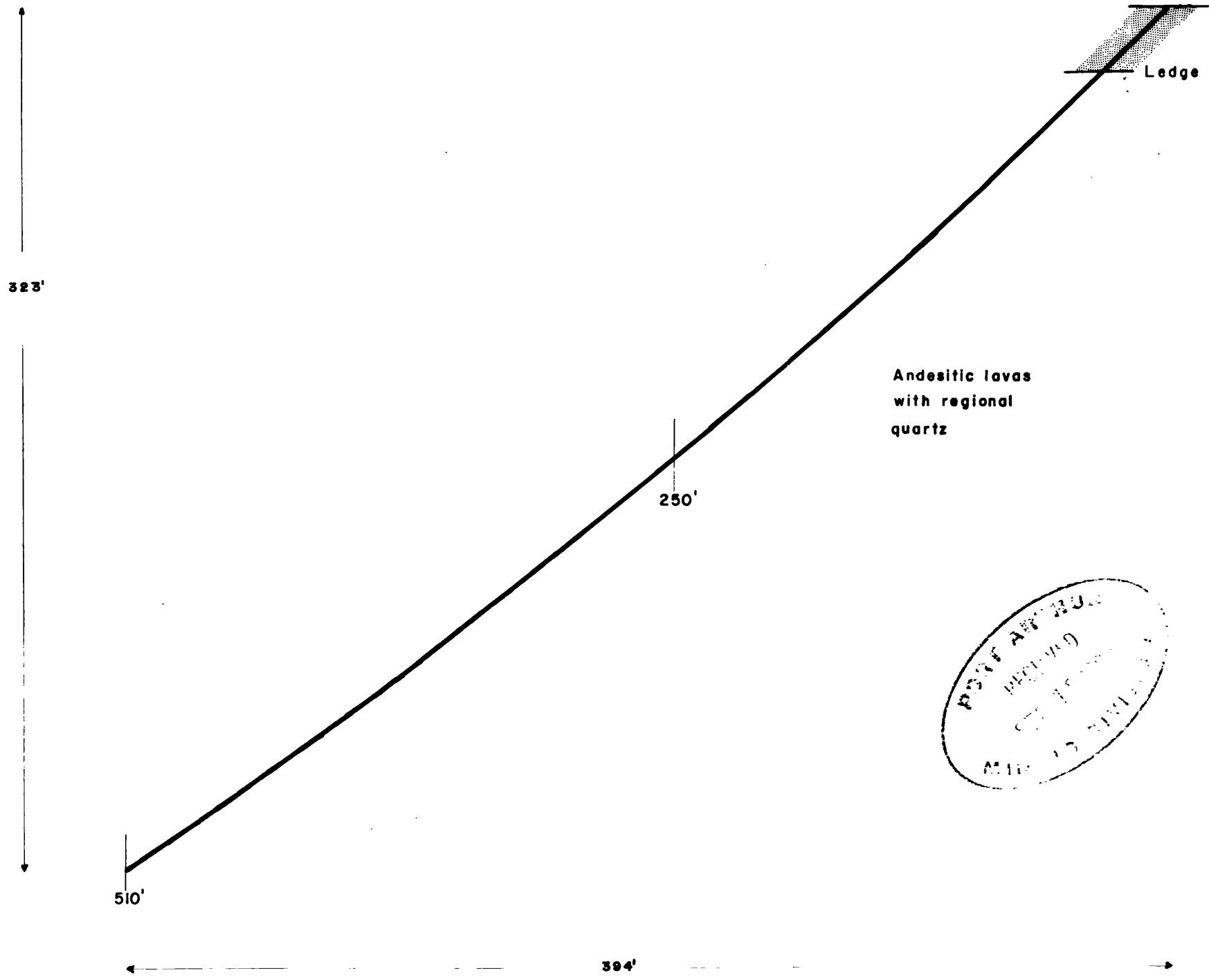


42E13NE0056 12 CASTLEWOOD LAKE

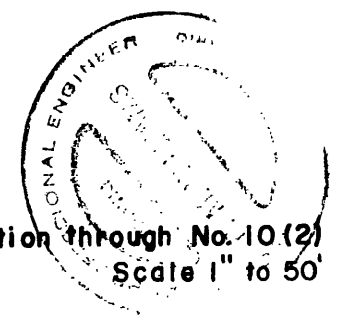
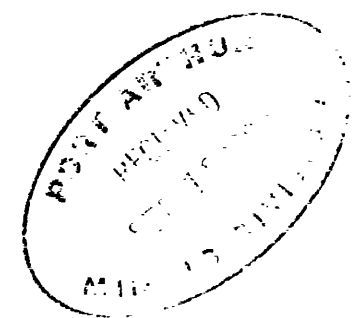
200

Location - 1950'S, 1750'E  
 No. 4 post T.B.99950

SECTIONAL ENGINEER  
 SIMMONS  
 Section through No. 9 (J)  
 Scale 1" to 50'



Andesitic lavas  
with regional  
quartz



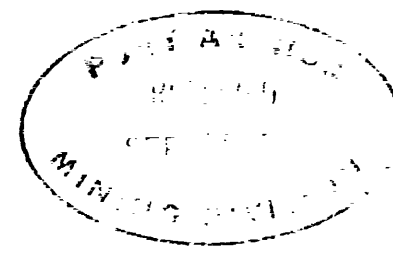
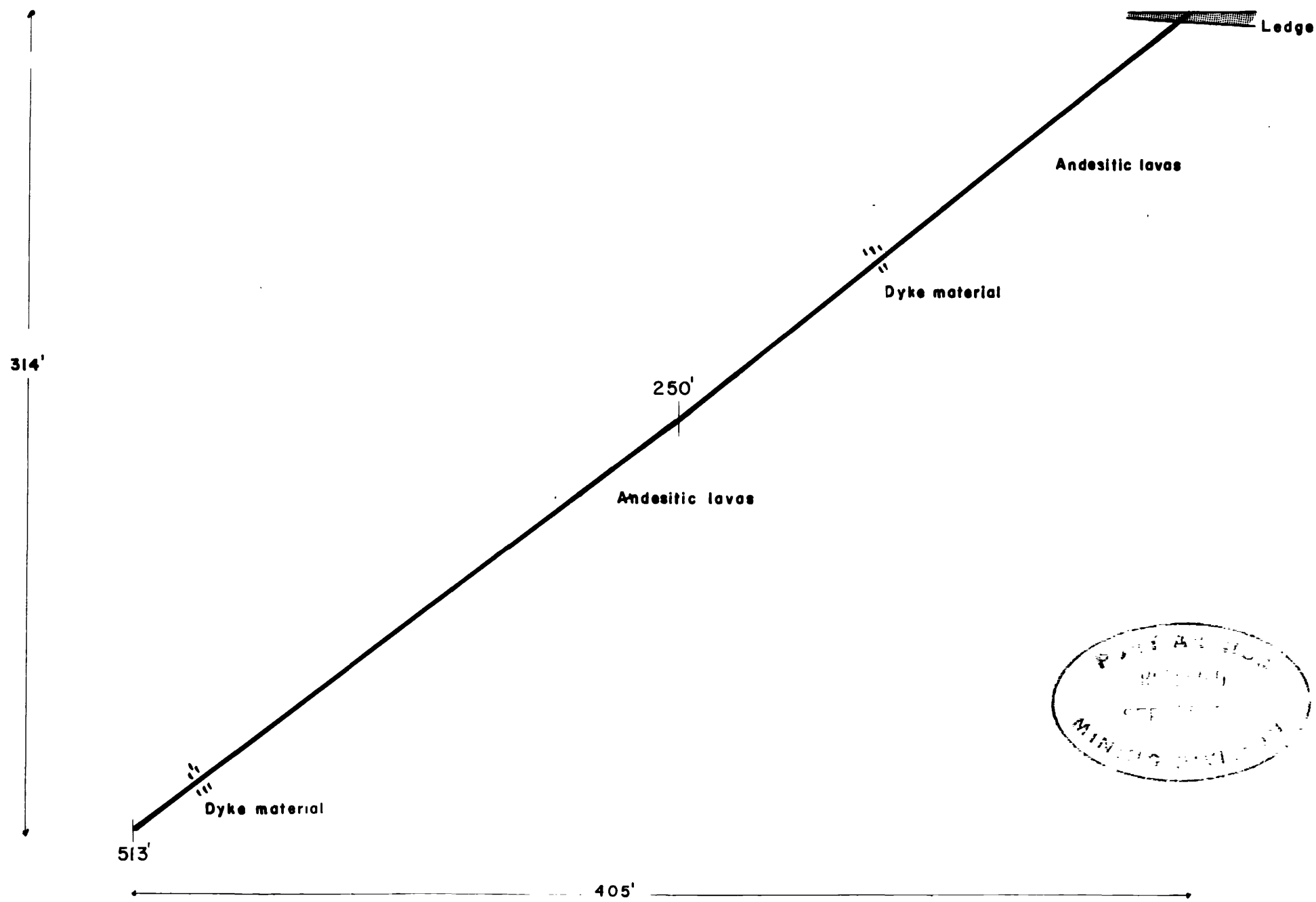
Section through No. 10 (2)  
Scale 1" to 50'



42E13NE0056 12 CASTLEWOOD LAKE

210

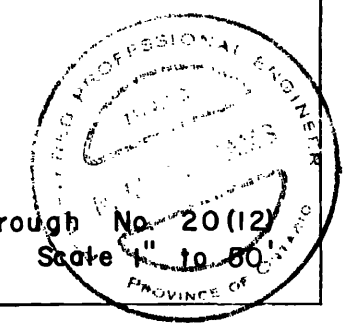
Location - 200S, 100W  
No. 1 post T.B. 99944



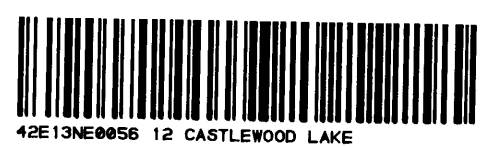
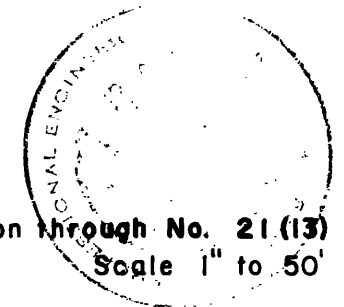
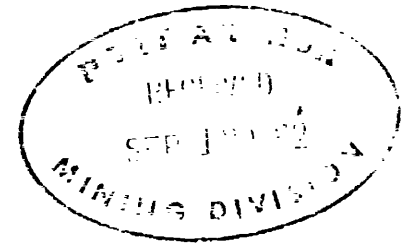
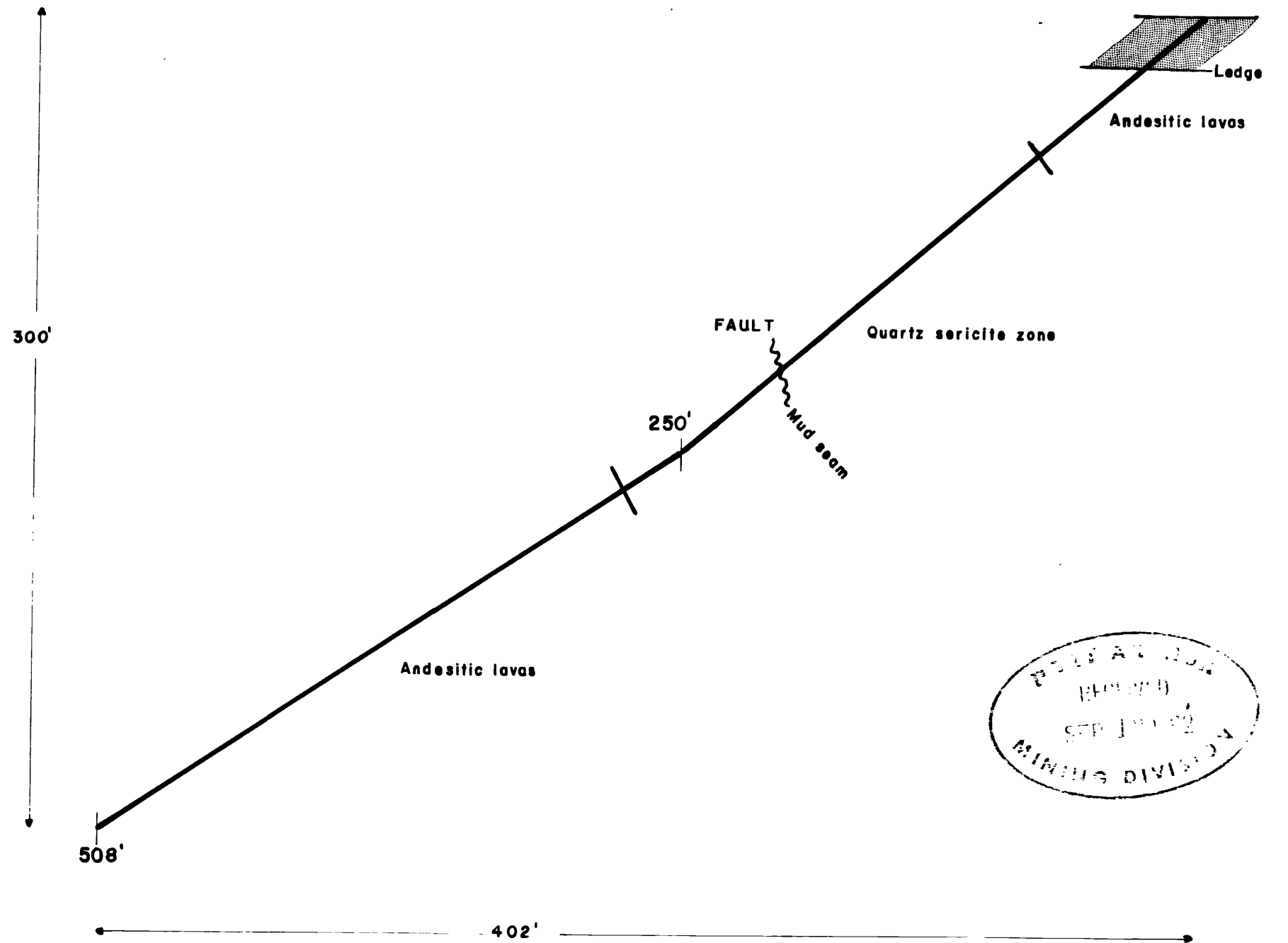
220

Location - 800S, 520E  
No. 4 post T.B.99953

Section through No. 20(12)  
State " " to 80







230

Location - 600S, 150W  
 No. 1 post T.B. 99944

Section through No. 21 (13)  
 Scale 1" to 50'