



52F16NW0091 52F16NW0012C1 ECHO

010

Diamond Drilling

Township of Echo

Report NO: 20

Work performed by: Denison Mines Limited

Claim NO	Hole NO	Footage	Date	Note
PA 31884	9	202'	Aug/63	
	10	317'	Aug/63	
	11	298'	Aug/63	
PA 31885	12	410'	Sept/63	
	<u>4 D.H</u>	<u>1227'</u>		

Notes:

DIAMOND DRILL RECORD

PROPERTY Lateral Molybdenite Ex-454

HOLE NO. 9

SHEET NUMBER 1 SECTION FROM _____ TO _____ STARTED August 23/63
 LATITUDE 6 + 80 N DATUM _____ COMPLETED Completed 24/63
 DEPARTURE 90' W of line 42 BEARING 318 ULTIMATE DEPTH 202'
 ELEVATION Casing 3.25' above ground DIP 35° PROPOSED DEPTH 400'

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD	SLUDGE GOLD \$			
0-19	Overburden							
19-42.5	Sediments green chlorite biotite quartz hornblende foliation 15°-25° to core axis.							
42.5-45	Quartz vein contact 15° to core axis							
45-46	Sediments.							
46-48	Aplite medium grained quartz feldspar pyrite contacts 30° to core axis.							
48-61	Sediments aplite 58.5-59 contacts parallel to foliation 15°.							
61-62	Aplite contacts 15°							
62-81	Sediments							
81-107	Aplite fine grained pink quartz feldspar pyrite, cordierite (amethyst) at 86', contact by numerous quartz stringers mostly at angles of about 15° to core axis contact at 15°, few flecks Molybdenite at 107							
107-112	Sediments							
112-114.8	Aplite contacts 15° to core axis							
114.8-120	Sediments							
120-122.5	Aplite.							
122.5-123.3	Quartz vein with pyrite contorted contact of low angle at 123.3							
123.3-202	Sediments, chlorite, hornblende, biotite, foliation 15°-20° to core axis.							

Drilled by Continental (Daigle)

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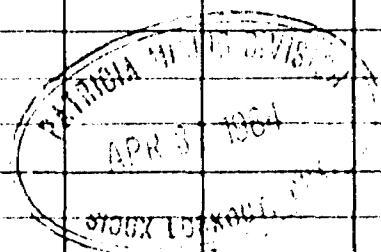
F. Q. Barnes

DIAMOND DRILL RECORD

PROPERTY Lateral Molybdenite Ex-454 HOLE NO. 9

SHEET NUMBER 1 SECTION FROM _____ TO _____ STARTED August 23/63
 LATITUDE 6 + 80 E DATUM _____ COMPLETED August 24/63
 DEPARTURE 90° V of line 42 BEARING 318° ULTIMATE DEPTH 202'
 ELEVATION Casing 3.25' above ground DIP 35° PROPOSED DEPTH 400'

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD %	SLURRY GOLD %
0-19	Overburden				
19-42.5	Sediments green chlorite biotite quartz lamblende foliation 15°-25° to core axis.				
42.5-45	Quartz vein contact 15° to core axis				
45-46	Sediments.				
46-48	Aplite medium grained quartz feldspar pyrite contacts 30° to core axis.				
48-61	Sediments aplite 58.5-59 contacts parallel to foliation 15°.				
61-62	Aplite contacts 15°				
62-81	Sediments				
81-107	Aplite fine grained pink quartz feldspar pyrite, cordierite (smethyst) at 86', contact by numerous quartz stringers mostly at angles of about 15° to core axis contact at 15°, few flecks Molybdenite at 107				
107-112	Sediments				
112-114.8	Aplite contacts 15° to core axis				
114.8-120	Sediments				
120-122.5	Aplite.				
122.5-123.3	Quartz vein with pyrite contorted contact of low angle at 123.3				



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

DRILLED BY Continental (Daigle)

SIGNED F. Q. Barnes

DIAMOND DRILL RECORD

PROPERTY Lateral Molybdenite Ex-454

HOLE NO. 10

SHEET NUMBER 1 SECTION FROM _____ TO _____ STARTED August 25/63
 LATITUDE 7 + 40' N DATUM _____ COMPLETED August 27/63
 DEPARTURE 190' W of line 42 BEARING 180° ULTIMATE DEPTH 317
 ELEVATION 3' casing above ground DIP 45° PROPOSED DEPTH ?

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD	SLUDGE GOLD \$			
0-14	Overburden							
14-14.5	Aplite							
145-228	Sediments green fine grained hornblende chlorite quartz pyrite pyrrhotite strong foliation at 60° - 80° to core axis.							
22.8-26.5	Aplite pink fine grained quartz feldspar flecks of Molybdenite pyrite 3' core lost between 17'-26'.							
26.5-60.2	Sediments feldspathic material 48.5-49, 56.8-60, 59-59.2, 58.4-58.6. Contacts conformable to sediments.							
60.2-60.8	Aplite.							
60.8-64.5	Sediments.							
64.5-72.2	Aplite - fine grained pink.							
72.2-78.2	Sediments.							
78.2-81.5	Granodiorite pink medium grained feldspar quartz biotite epidote magnetite pyrite, contact 65° to core axis.							
81.5-115.7	Sediments fine to medium grained hornblende chlorite biotite quartz pyrite pyrrhotite foliation 80°-60° to core axis quartz stringer parallel to core. 107-108, quartz stringers at 105.5, 106, 107, 102.2-102.7 parallel to foliation.							
115.7-116	Quartz vein 65° to core axis							
116-122	Granodiorite pink medium grained quartz feldspar biotite epidote pyrite hornblende.							
122.0-125.1	Aplite fine grained contains flecks Molybdenite. Granodiorite between 124-124.5 quartz vein at 123 (1/4" wide) 45° to core axis.							
125.1-129.7	Granodiorite cordierite (fluorite or amethyst) at 129							

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F. Q. Barnes

DIAMOND DRILL RECORD

PROPERTY Lateral Molybdenite Ex-454

HOLE NO. 10

SHEET NUMBER 2 SECTION FROM _____ TO _____ STARTED _____
 LATITUDE _____ DATUM _____ COMPLETED _____
 DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____
 ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD	SLUDGE GOLD \$			
129.7-131.2	Sediments foliation 65° 'o core axis.							
131.2-132.3	Quartz vein sediments feldspathic material.							
132.3-134.4	Aplite.							
134.4-165.5	Granodiorite.							
165.5-166	Quartz vein.							
166-166.5	Aplite.							
166.5-166.8	Quartz vein.							
166.8-170.5	Granodiorite Molybdenite at 167.5 magnetite 170.5							
170.5-171.8	Quartz 15% feldspar vuggy in places.							
171.8-172.7	Granodiorite Molybdenite aplite vein (1" wide) at angle 45° to core axis.							
172.7-174	Quartz vein vuggy 30° to core axis.							
174-175.5	Granodiorite aplite veins 1" wide at 174, 175 at 45° to core axis, few flecks Molybdenite							
175.5-176.3	Quartz vein contact 40° to core axis.							
176.3-179	Granodiorite aplite veins less than 1" wide. 177, 178, 178.5 flecks of Molybdenite.							
179-180	Aplite flecks of Molybdenite.							
180-183	Granodiorite.							
183-184	Quartz vein 20% feldspar Molybdenite vuggy, contact 15° to c.a.							
184-194-3	Granodiorite.							
194.3-195-3	Quartz vein magnetite blebs contact 15° to c.a.							
195.3-223	Granodiorite.							
223-223.4	Aplite							
223.4-224.6	Quartz vein							
224.6-230.7	Granodiorite							
230.7-231.5	Aplite							
231.5-232.5	Granodiorite.							
232.5-233.3	Aplite contains two quartz stringers angles 40° & 60° to c.a.							

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DIAMOND DRILL RECORD

PROPERTY Lateral Molybdenite Ex-454

HOLE NO. 10

SHEET NUMBER 3 SECTION FROM _____ TO _____ STARTED _____
 LATITUDE _____ DATUM _____ COMPLETED _____
 DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____
 ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD	SLUDGE GOLD \$			
233.3-260	Granodiorite pink aplite veins 245.5-246 253.5-254, 260							
260-261.6	Granodiorite - grey.							
261-274.3	Granodiorite aplite veins less than 2" wide. 267.5 268.5, 269 Molybdenite at 269.							
274.3-276	Quartz vein contact approx. 45°.							
276-280	Granodiorite							
280-280.5	Quartz vein contacts about 45°.							
280.5-317	Granodiorite contains numerous small aplite veins, mostly at 45° to core axis.							

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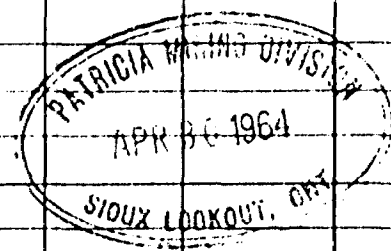
F. Q. Barnes

DIAMOND DRILL RECORD

PROPERTY Lateral Molybdenite Ex-474 HOLE NO. 10

SHEET NUMBER 1 SECTION FROM _____ TO _____ STARTED August 25/63
 LATITUDE 7 + 40' N DATUM _____ COMPLETED August 27/63
 DEPARTURE 190' W of line 42 BEARING 180° ULTIMATE DEPTH 317
 ELEVATION 3' casing above ground DIP 45° PROPOSED DEPTH ?

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD %	SLUDGE GOLD %
0-14	Overburden				
14-14.5	Aplite				
14.5-22.8	Sediments green fine grained hornblende chlorite quartz pyrite pyrrhotite strong foliation at base than 60° - less than 80° to core axis.				
22.8-26.5	Aplite pink fine grained quartz feldspar flecks of Molybdenite pyrite 3' core lost between 17'-26'.				
26.5-60.2	Sediments feldspathic material 48.5-49, 56.8-60, 59-59.2, 58.4-58.6. Contacts conformable to sediments.				
60.2-60.8	Aplite.				
60.8-64.5	Sediments.				
64.5-72.2	Aplite - fine grained pink.				
72.2-78.2	Sediments.				
78.2-81.5	Granodiorite pink medium grained feldspar quartz biotite epidote magnetite pyrite, contact 65° to core axis.				
81.5-115.7	Sediments fine to medium grained hornblende chlorite biotite quartz pyrite pyrrhotite foliation 80°-60° to core axis quartz stringer parallel to core. 107-108, quartz stringers at 105.5, 106, 107, 102.2-102.7 parallel to foliation.				



N.M.P. TORONTO-STOCK FORM NO. 801 REV 12/61

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DIAMOND DRILL RECORD

PROPERTY Lateral Molybdenite No-174 HOLE NO. 10

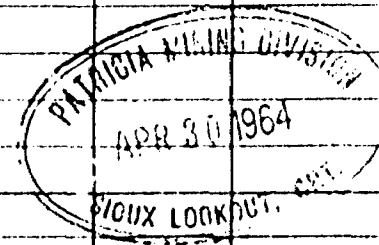
SHEET NUMBER _____ SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD %	SLUDGE GOLD †		
113.7-116	Quartz vein 65° to core axis						
116-122	Granodiorite pink medium grained quartz feldspar biotite epidote pyrite hornblende.						
122.0-123.1	Aplite fine grained contains flecks Molybdenite. Granodiorite between 124-124.5 quartz vein at 123 (1/2" wide) then 45° to core axis.						
123.1-129.7	Granodiorite cordierite (Zirconite or smoky) at 129						
129.7-131.2	Sediments foliation 65° to core axis.						
131.2-132.3	Quartz vein sediments feldspathic material.						
132.3-134.4	Aplite.						
134.4-163.3	Granodiorite.						
163.3-166	Quartz vein.						
166-166.3	Aplite.						
166.3-166.8	Quartz vein.						
166.8-170.5	Granodiorite Molybdenite at 167.5 magnetite 170.5.						
170.5-172.8	Quartz 1% feldspar vuggy in places.						
172.8-172.7	Granodiorite Molybdenite splite vein (1" wide) at angle 45° to core axis.						
172.7-174	Quartz vein vuggy 30° to core axis.						
174-173.3	Granodiorite splite veins 1" wide at 174, 173 at base then 45° to core axis, few flecks Molybdenite						

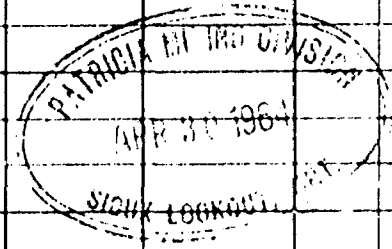


DIAMOND DRILL RECORD

PROPERTY Lateral Molybdenite Ex-454 HOLE NO. 10

SHEET NUMBER _____ SECTION FROM _____ TO _____ STARTED _____
 LATITUDE _____ DATUM _____ COMPLETED _____
 DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____
 ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD %	SLUDGE GOLD %
173.5-176.3	Quartz vein contact 40° to core axis.				
176.3-179	Granodiorite aplite veins less than 1" wide. 177, 178, 178.5 Flocks of Molybdenite.				
179-180	Aplite flocks of Molybdenite.				
180-183	Granodiorite.				
183-184	Quartz vein 20% feldspar Molybdenite vuggy, contact 15° to c.a.				
184-194.3	Granodiorite.				
194.3-195.3	Quartz vein magnetite blebs contact 2mm thru 15° to c.a.				
195.3-223	Granodiorite.				
223-223.4	Aplite				
223.4-224.6	Quartz vein				
224.6-230.7	Granodiorite				
230.7-231.5	Aplite.				
231.5-232.5	Granodiorite.				
232.5-233.3	Aplite contains two quartz stringers angles 40° & 60° to c.a.				
233.3-260	Granodiorite pink aplite veins 245.5-246. 253.5-254, 260				
260-261.6	Granodiorite - grey.				
261-274.8	Granodiorite aplite veins less than 2" wide.				



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

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DIAMOND DRILL RECORD

PROPERTY

Lateral Molybdenite Ex-454

HOLE NO.

11

SHEET NUMBER 1

SECTION FROM _____ TO _____

STARTED Aug. 28/1963

LATITUDE 5 + 00 N

DATUM _____

COMPLETED Aug. 31 (Sat.)

DEPARTURE 150' W of line 39

BEARING 310

ULTIMATE DEPTH 298

ELEVATION Collar 3.25 above ground

DIP 35° test at 298' - 36°

PROPOSED DEPTH 400'

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD	SLUDGE GOLD \$			
0-45	Overburden							
45-74	Granodiorite - medium grained pink feldspar, quartz, epidote, biotite, magnetite pyrite, foliation approx. 30° to core axis; quartz stringers at 54, 69, 71 making angles 40° to core axis.							
74-92	Aplite; fine grained; pink, feldspar, quartz biotite, epidote, quartz stringers 74.5, 75, 85, 87, 89.5 making angles 20°-70° to core axis.							
92-93.2	Sediments medium grained; quartz chlorite hornblende, contact and foliation 40°.							
93.2-93.7	Pegmatite quartz feldspar.							
93.7-101.5	Sediments							
101.5-207	Granodiorite, quartz stringer with flecks Molybdenite at 111'. Rock 174-179.							
207-207.5	Quartz pegmatite.							
207.5-266	Granodiorite contact with sediments at less than 70° to core axis.							
266-298	Sediments foliation 10°-30° to core axis; fine to medium grained; chlorite, hornblende, quartz, pyrite; stringers of granitic rock at 292, 273, parallel to foliation.							

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Drilled by Henry Daigle

F. Q. Barnes

DIAMOND DRILL RECORD

 PROPERTY Lateral Molybdenite Ex-45h

 HOLE NO. 11

 SHEET NUMBER 1

SECTION FROM _____ TO _____

 STARTED Aug. 28/1963

 LATITUDE S + 00 N

DATUM _____

 COMPLETED Aug. 31 (dat.)

 DEPARTURE 150' W of line 39

 BEARING 310

 ULTIMATE DEPTH 298

 ELEVATION Collar 3.25 above ground

 DIP 35° test at 298' - 36°

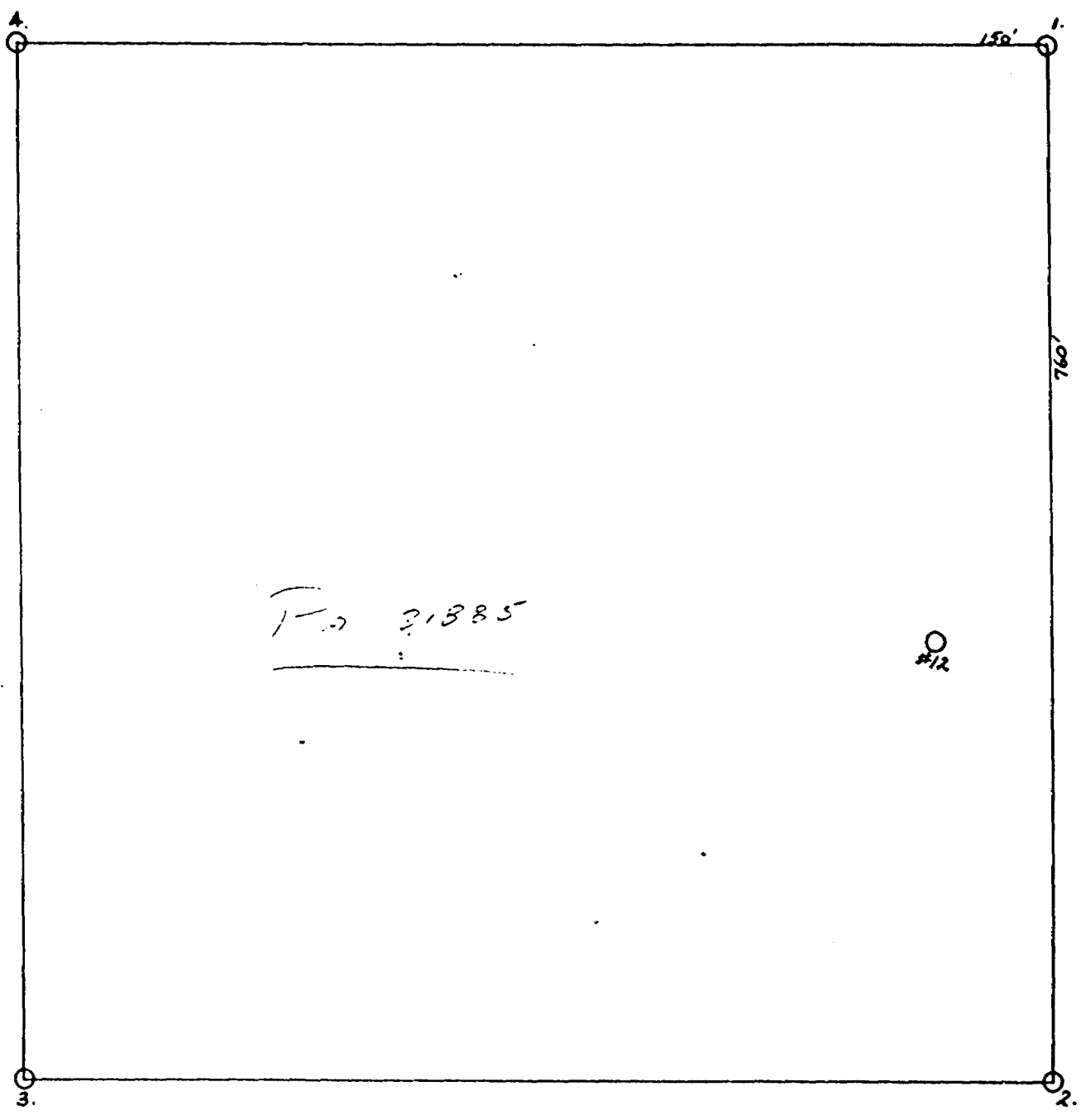
 PROPOSED DEPTH 400'

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD g	SLURRY GOLD g
0-45	Overburden				
45-74	Granodiorite - medium grained pink feldspar, quartz, epidote, biotite, magnetite pyrite, foliation approx. 30° to core axis; quartz stringers at 54, 69, 71 making angles 40° to core axis.				
74-92	Aplite; fine grained; pink, feldspar, quartz, biotite, epidote, quartz stringers 74.5, 75, 85, 87, 89.5 making angles 20°-70° to core axis.				
92-93.2	Sediments medium grained; quartz chlorite hornblende, contact and foliation 40°.				
93.2-93.7	Pegmatite quartz feldspar.				
93.7-101.5	Sediments				
101.5-207	Granodiorite, quartz stringer with flecks Molybdenite at 111'. Rock 174-179.				
207-207.5	Quartz pegmatite.				
207.5-266	Granodiorite contact with sediments at less than 70° to core axis.				
266-298	Sediments foliation 10°-30° to core axis; fine to medium grained; chlorite, hornblende, quartz, pyrite; stringers of granitic rock at 292, 273, parallel to foliation.				

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

 DRILLED BY Henry Daigle

 SIGNED F. Q. Barnes



1" = 200'

DENISON MINES LIMITED

PROPERTY LATERAL MOLYBDENUM
LOCATION ECHO TWP.

MAP BY D.D.H. LOCATION CLAIM Pa 31885

SCALE 1" = 200' DRAWN BY F.Q.B. PROJECT EX 454
DATE 16002, 1963 APPROVED BY [Signature]

DIAMOND DRILL RECORD

PROPERTY Lateral Molybdenite Ex-454

HOLE NO. 12

SHEET NUMBER 1

SECTION FROM _____ TO _____

STARTED Sept. 1/63

LATITUDE 60' N of base line

DATUM _____

COMPLETED Sept. 4/63

DEPARTURE 60' W of line 27+00

BEARING 320°

ULTIMATE DEPTH 410'

ELEVATION Casing 3' above ground

DIP -35° Test at 400' - -37

PROPOSED DEPTH 600'

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD	SLUDGE GOLD \$			
0-13	Overburden							
13-26	Granodiorite medium to coarse grained pink feldspar quartz epidote pyrite biotite.							
26-27.6	Aplite fine medium grained pink mottled appearance							
27.6-34.5	Quartz vein contains 10-15% feldspar milky contact approximately 45° C.A,							
34.5-38.3	Aplite very fine grained red, a few fleck MoS ₂ , contact at 38.2 at angle of 35° to C.A.							
38.3-38.5	Brecciated rock.							
38.5-40	Granodiorite medium grained whitish-pink mottled colour, a few grains MoS ₂ .							
40-40.1	Aplite contains fleck MoS ₂							
40.1-45.0	Granodiorite.							
45.0-45.5	Pegmatite - central quartz vein with feldspar on both contacts a few flecks MoS ₂ contacts 30° to C.A.							
45.5-49.6	Granodiorite contains aplite at 46.5							
49.5-50.0	Quartz vein							
50.0-52.2	Granodiorite - whitish pink leached.							
52.2-52.6	Aplite							
52.6-60.0	Granodiorite - mottled appearance.							
60.0-60.2	Pegmatite - feldspar quartz, massive MoS ₂ .							
60.2-62.0	Granodiorite							
62.0-62.7	Aplite - fine grained, red colour.							
62.7-73.3	Granodiorite.							
73.3-86.0	Aplite - fine grained, pink, contacts 35° to C.A. Flecks MoS ₂ 74-76.5.							
86.0-86.8	Granodiorite.							
86.8-88.4	Aplite - broken core 87-88.							
88.4-88.5	Pegmatite - flecks MoS ₂							
88.5-95.2	Aplite.							

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D. Gilbert

Drilled by Continental H. Daigle

DIAMOND DRILL RECORD

PROPERTY

Lateral Molybdenite EX-454

HOLE NO. 12

SHEET NUMBER 2 SECTION FROM _____ TO _____ STARTED _____
 LATITUDE _____ DATUM _____ COMPLETED _____
 DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____
 ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	MO8 MO8	SLUDGE GOLD \$
95.2-96.5	Granodiorite				
96.5-99.8	Aplite	2045	97.8-99.8	Tr	
99.8-102	Aplite coarse grained contains heavy MoS2	2046	99.8-102.5	2.203	
102-110	Granodiorite				
110-112.1	Aplite				
112.1-137	Granodiorite				
137-138.8	Aplite				
138.8-193.2	Granodiorite				
193.2-145-2	Aplite				
145.2-152	Granodiorite				
152-154.7	Aplite				
154.7-154.8	Quartz vein - contacts 70° to C.A.				
154.8-155.7	Aplite				
155.7-158	Granodiorite				
158-158.8	Quartz vein with 15% feldspar.				
158.8-173.5	Granodiorite.				
173.5-174	Quartz vein contacts 55° to C.A.				
174-174.3	Pegmatite				
174.3-174.6	Granodiorite				
174.6-174.8	Quartz vein				
124.8-202.3	Granodiorite, few flecks MoS2				
202.3-202.8	Quartz vein contacts 70° to C.A.				
202.8-217.7	Granodiorite.				
217.7-218.5	Aplite with two quartz strings				
218.5-280.7	Granodiorite aplite veins 242-242.5, 246.5-247, 257.5-258 at 40° to 55° to C.A.				
280.7-281.1	Quartz vein 15% feldspar flecks MoS2 at 280.1.				
281.1-283.5	Granodiorite.				
283.5-284.1	Pagmatite containing MoS2				
284.1-329	Granodiorite - MoS2 - 284.1-284.6 containing numerous aplite veins less than 4" wide and quartz veins less than 4" wide 297.6 (contains MoS2). 298.5, 301, 318 (contains MoS2) at 45° to 55° to C.A. MoS2 297.5-300.5	2047	297.3-300	50.188	

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DIAMOND DRILL RECORD

PROPERTY Lateral Molybdenite Ex-454

HOLE NO. 12

SHEET NUMBER 4 SECTION FROM _____ TO _____ STARTED _____
 LATITUDE _____ DATUM _____ COMPLETED _____
 DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____
 ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD	SLUDGE GOLD \$		
329-330	Quartz vein core parallels contact.						
330-330.5	Granodiorite; flecks MoS ₂						
330.5-5-332	Quartz vein contact 15° to C.A. contains some granodiorite flecks MoS ₂ .						
332-359.2	Granodiorite quartz vein less than 4" wide at 342.						
359.2-360.1	Quartz vein contacts 70° to C.A.						
360.1-360.9	Granodiorite with flecks MoS ₂						
360.9-362.2	Aplite; flecks MoS ₂ at 362						
362.2-363	Quartz vein.						
363-363.5	Aplite						
363.5-364	Quartz vein						
364-370.5	Aplite MoS ₂ at 370.5						
370.5-371	Quartz vein contains MoS ₂						
371-372.6	Aplite - a few flecks MoS ₂						
372.6-375.5	Granodiorite - approximately 40% aplite						
375.5-375.9	Sediments - quartz; chlorite, hornblende - hornblende gneiss.						
375.9-376.3	Aplite						
376.3-378	Quartz vein						
378-379.1	Aplite						
379.1-382.5	Granodiorite						
382.5-383	Quartz vein						
383-387	Granodiorite						
387-387.5	Aplite						
387.5-404	Sediments fine to medium grained hornblende chlorite quartz biotite pyrite contact 10° foliation 10° to C.A.						
404-405	Aplite						
405-410	Sediments.						

**DUPLICATE COPY
 POOR QUALITY ORIGINAL
 TO FOLLOW**

D. Gilbert

DIAMOND DRILL RECORD

PROPERTY Lateral Molybdenite Ex-454

HOLE NO. 12

SHEET NUMBER 1

SECTION FROM _____ TO _____

STARTED Sept. 1/63

LATITUDE 60' N of base line

DATUM _____

COMPLETED Sept. 4/63

DEPARTURE 60' W of line 27+00

BEARING 320°

ULTIMATE DEPTH 410'

ELEVATION Casing 3' above ground

DIP -35°
Test at 400' = -37°

PROPOSED DEPTH 600'

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0-13	Overburden				
13-26	Granodiorite medium to coarse grained pink feldspar quartz epidote pyrite biotite.				
26-27.6	Aplite fine medium grained pink mottled appearance				
27.6-34.5	Quartz vein contains 10-19% feldspar milky contact approximately 45° C.A.				
34.5-38.3	Aplite very fine grained red, a few fleck MoS ₂ , contact at 38.2 at angle of 35° to C.A.				
38.3-38.5	Brecciated rock.				
38.5-40	Granodiorite medium grained whitish-pink mottled colour, a few grains MoS ₂ .				
40-40.1	Aplite contains fleck MoS ₂				
40.1-45.0	Granodiorite.				
45.0-45.5	Pegmatite - central quartz vein with feldspar on both contacts a few flecks MoS ₂ contacts 30° to C.A.				
45.5-49.6	Granodiorite contains aplite at 46.5				
49.5-50.0	Quartz vein				
50.0-52.2	Granodiorite - whitish pink leached.				
52.2-52.6	Aplite				
52.6-60.0	Granodiorite - mottled appearance.				
60/0-60.2	Pegmatite - feldspar quartz, massive MoS ₂ .				

DRILLED BY

Continental H. Daide

SIGNED

D. Gilbert

DIAMOND DRILL RECORD

PROPERTY

Lateral Molybdenite Ex-454

HOLE NO. 12

SHEET NUMBER

2

SECTION FROM _____ TO _____

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING _____

ULTIMATE DEPTH _____

ELEVATION _____

DIP _____

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Mo XXXX	SLUDGE GOLD %			
60.2-62.0	Granodiorite							
62.0-62.7	Aplite - fine grained, red colour.							
62.7-73.3	Granodiorite.							
73.3-86.0	Aplite - fine grained, pink, contacts 35° to C.A. Flecks Mo82 74-76.5.							
86.0-86.8	Granodiorite.							
86.8-88.4	Aplite - broken core 87-88.							
88.4-88.5	Pegmatite - flecks Mo82							
88.5-95.2	Aplite.							
95.2-96.5	Granodiorite							
96.5-99.8	Aplite	2045	778-778	Tr				
99.8-102	Aplite coarse grained contains heavy Mo82	2046	778-702.5	XXXX				
102-110	Granodiorite							
110-112.1	Aplite							
112.1-137	Granodiorite							
137-138.8	Aplite							
138.8-193.2	Granodiorite							
193.2-145.2	Aplite							
145.2-152	Granodiorite							
152-154.7	Aplite							
154.7-154.8	Quartz vein - contacts 70° to C.A.							

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DIAMOND DRILL RECORD

PROPERTY Lateral Molybdenite Ex-454 HOLE NO. 2E

SHEET NUMBER 3 SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTI _____

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	Mo % SP/GR	SLUDGE GOLD %
154.8-155.7	Aplite				
155.7-158	Granodiorite				
158-158.8	Quartz vein with 1% feldspar.				
158.8-173.5	Granodiorite.				
173.5-174	Quartz vein contacts 55° to C.A.				
174-174.3	Fegatite				
174.3-174.6	Granodiorite				
174.6-174.8	Quartz vein				
184.8-202.3	Granodiorite, few flecks MoS2				
202.3-202.8	Quartz vein contacts 70° to C.A.				
202.8-217.7	Granodiorite.				
217.7-218.5	Aplite with two quartz strings				
218.5-280.7	Granodiorite aplite veins 242-242.5, 246.5-247, 257.5-258 at 40° to 55° to C.A.				
280.7-281.1	Quartz vein 1% feldspar flecks MoS2 at 280.1.				
281.1-283.5	Granodiorite.				
283.5-284.1	Fegatite containing MoS2				
284.1-329	Granodiorite - MoS2 284.1-284.6; containing numerous aplite veins less than 4" wide and quartz veins less than 4" wide at 297.6 (contains MoS2).				
	298.5, 301, 318 (contains MoS2) at 45° to 55° to C.A.	2047	297.8-300.5		
	MoS2 291.5-300.5				

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DIAMOND DRILL RECORD

PROPERTY Lateral Molybdenite Ex-454 HOLE NO. 12

SHEET NUMBER 4 SECTION FROM TO STARTED

LATITUDE DATUM COMPLETED

DEPARTURE BEARING ULTIMATE DEPTH

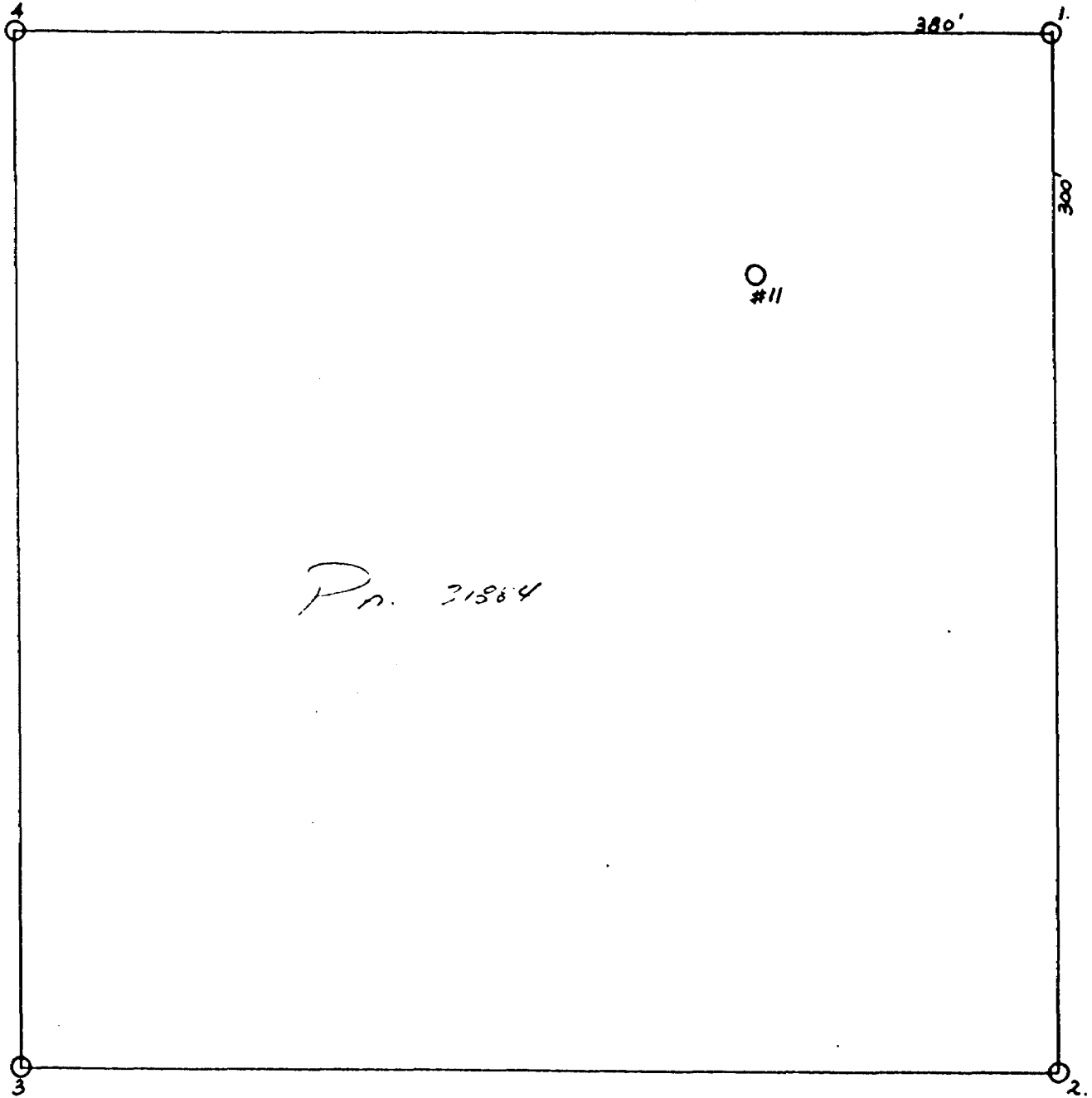
ELEVATION DIP PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE NO	WIDTH OF SAMPLE	No \$ 	SLUDGE GOLD \$
329-330	Quartz vein core parallels contact.				
330-330.5	Granodiorite; flecks Mo82.				
330.5-332	Quartz vein contact 15° to C.A. contains some granodiorite flecks Mo82.				
332-359.2	Granodiorite quartz vein less than 4" wide at 342				
359.2-360.1	Quartz vein contacts 70° to C.A.				
360.1-360.9	Granodiorite with flecks Mo82.				
360.9-362.2	Aplite; flecks Mo82 at 362				
362.2-363	Quartz vein.				
363-363.5	Aplite				
363.5-364	Quartz vein				
364-370.5	Aplite Mo82 at 370.5				
370.5-371	Quartz vein contains Mo82				
371-372.6	Aplite - a few flecks Mo82.				
372.6-375.5	Granodiorite - approximately 40% aplite				
375.5-375.9	Sediments - quartz; chlorite, hornblende - hornblende gneiss.				
375.9-376.3	Aplite				
376.3-378	Quartz vein				
378-379.1	Aplite				
379.1-382.5	Granodiorite				

DRILLED BY

SIGNED

 D. Gilbert



Pa. 31884

1" = 200'

DENISON MINES LIMITED	
LATERAL MOLYBDENUM	
ECHO TWP	
D.D.H. LOCATION CLAIM Pa 31884	
SCALE 1" = 200'	DRAWN BY F.Q.B.
DATE 16 Oct, 1963	APPROVED BY <i>[Signature]</i>

PROD. NO. EX 454



DENISON MINES LIMITED

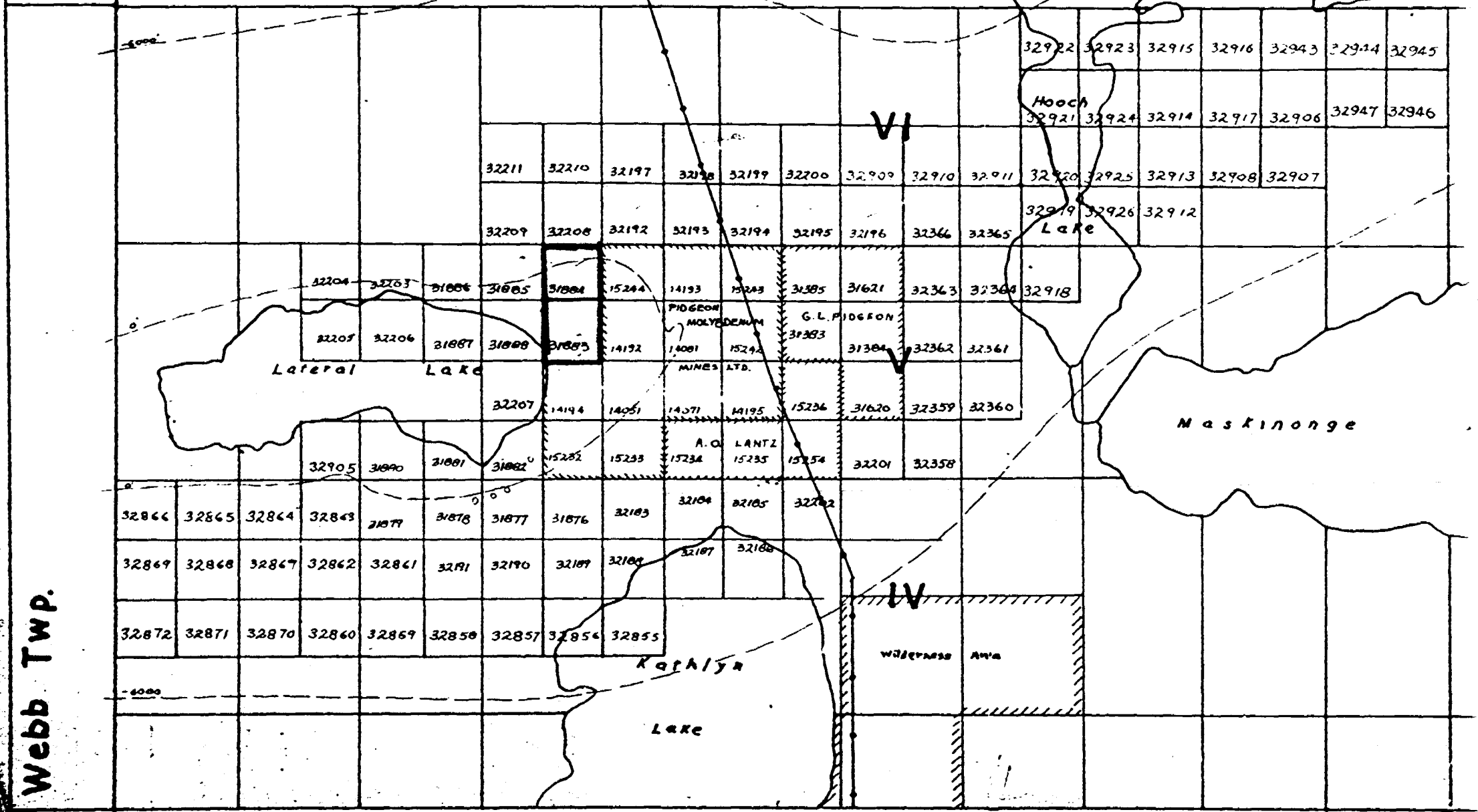
EXPLORATIONS DIVISION

PROPERTY LATERAL MOLYBDENUM
LOCATION ECHO TWP. PATRICIA MINING DIVISION
MAP TITLE PROPERTY MAP

SCALE 1" = 2640'
DATE 24 AUG, 1963
DRAWN BY F.B.B.
APPC BY [Signature]
PROJECT 21454
DWG.

1" = 2640'

Lomond Twp.



Webb Twp.