



42L06NE0050 10 O'SULLIVAN LAKE

010

### Diamond Drilling

Area O'Sullivan Lake

Report N<sup>o</sup> 10

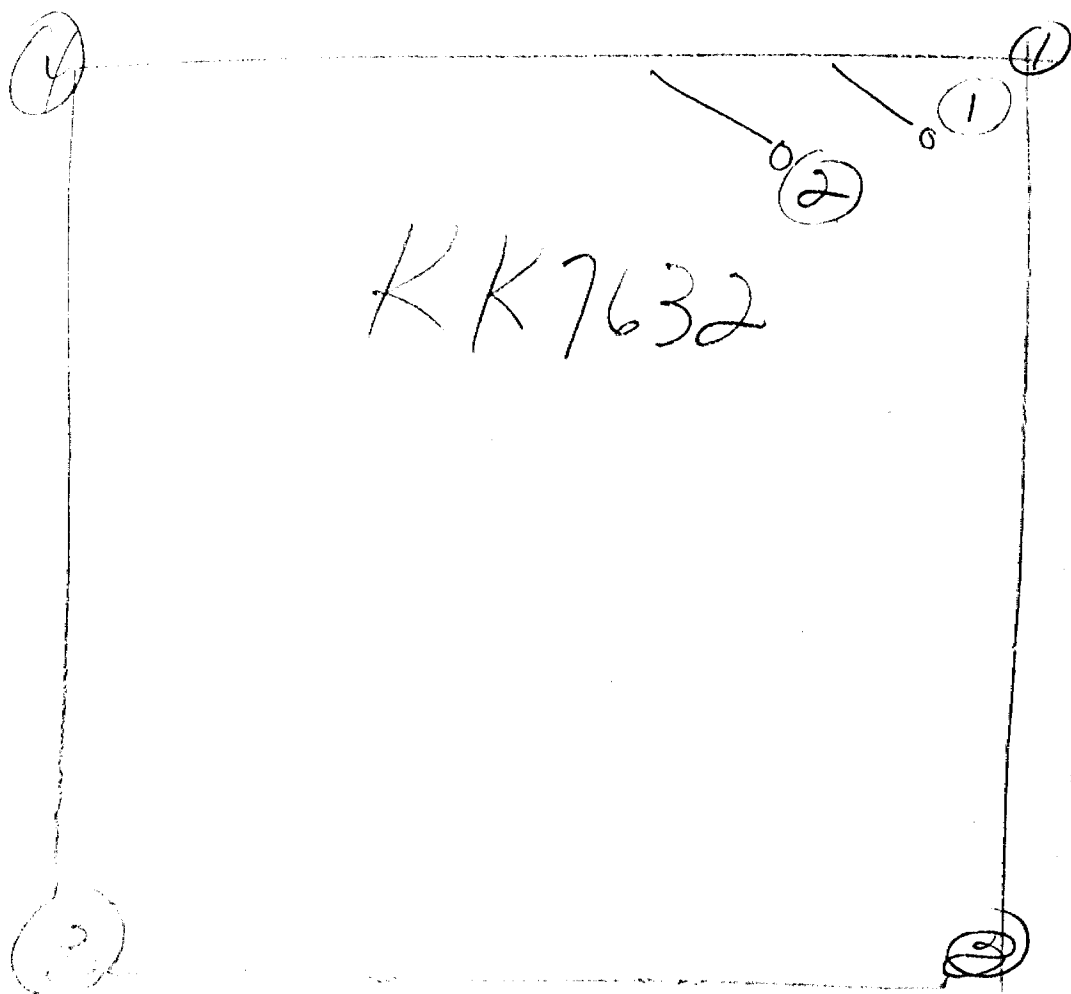
Work performed by: Camdeck Mines Ltd.

Claim N <sup>o</sup>	Hole N <sup>o</sup>	Footage	Date	Note
KK 7632	1	640'	June/55	
	2	389'	June/55	
	3	602'	Aug/55	
KK 7638	4	652'	Aug/55	
	5	639'	Aug/55	
	6	680'	Aug/55	

3602

6/3602'

Notes:



RECEIVED  
JUL 25 1955  
ALASKA MINING DIVISION

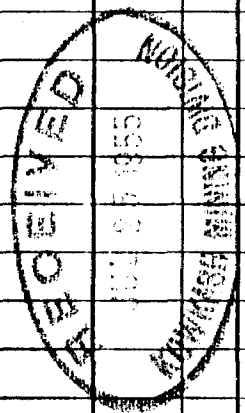
# DIAMOND DRILL RECORD

8-3-135

PROPERTY Candeck Mines Limited HOLE NO. 1

SHEET NUMBER 1 SECTION FROM 0 TO 640 STARTED June 22nd, 1955  
 LATITUDE From North Shore DATUM \_\_\_\_\_ COMPLETED June 27th, 1955  
 DEPARTURE of Bay on main BEARING North 30° West ULTIMATE DEPTH 640 feet  
 ELEVATION land claim KK7632 DIP 45° PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD †	
0.0 - 7.0	Casing					
7.0 - 127.0	Moderately sheared and carbonated lava, faint outline of pillows					
127.0 - 136.0	4" white quartz stringer 127° - 131°					
	Tuffaceous material 131.0 - 136.0					
136.0 - 216.0	Highly altered porphyritic and local dioritic sections. M. G.					
216.0 - 265.0	Medium grand grey porphyry					
265.0 - 305.0	Banded Rhyolitic tuff with few angular fragments					
305.0 - 365.0	Fine grained greenstone lightly carbonated gradually becoming massive.					
365.0 - 640.0	F. G. laval becoming massive at 390.0 from 390.0 rock showed distinct pillows					
640.0	End of hole.					



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

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# DIAMOND DRILL RECORD

9-3-135

PROPERTY

Camdeck Mines Limited

HOLE NO. 2

SHEET NUMBER 1

SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_

STARTED June 28th, 1955

LATITUDE 300 ft. south

DATUM \_\_\_\_\_

COMPLETED July 4, 1955

DEPARTURE west of # 1 hole

BEARING North 30° West

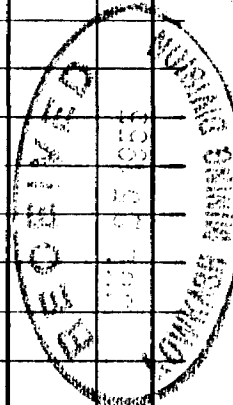
ULTIMATE DEPTH 389 feet

ELEVATION \_\_\_\_\_

DIP 45°

PROPOSED DEPTH \_\_\_\_\_

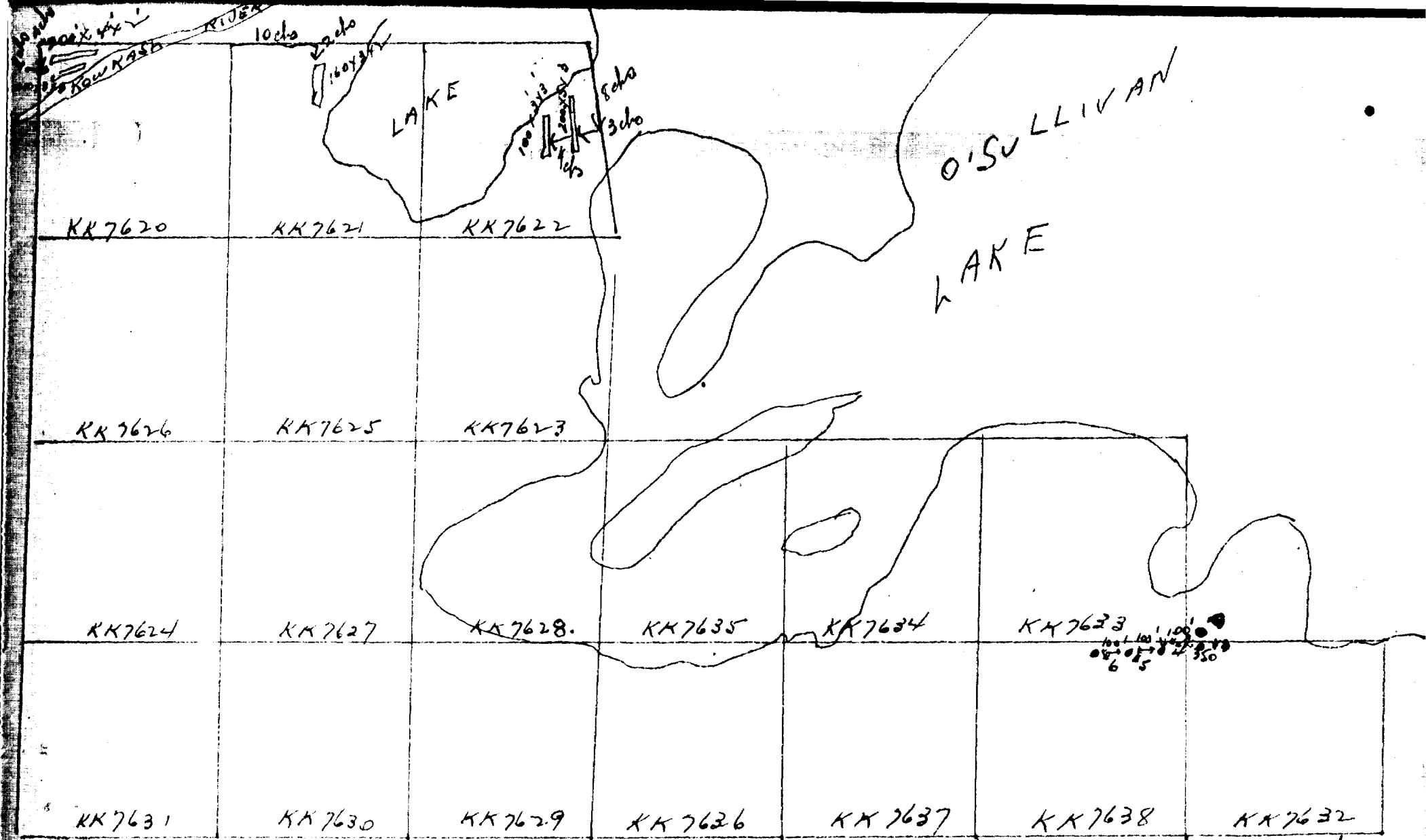
DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$		
0.0 - 2.0	Casing						
2.0 - 113.0	Sheared and carbonated lava, faint outline of pillows						
113.0 - 150.0	Tuffaceous material lightly mineralized						
	118.0 - 128.0						
	128.0 - 140.0 Tuffaceous material with black crushed hornblende, local drag folding						
150.0 - 203.0	Medium grained highly altered Porphyritic sections with M. G. Grey Porphyry						
203.0 - 389.0	Fine grained greenstone, becoming massive from 263.0 showing distinct but widely spaced pillows.						
389.0	End of hole.						



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WORK REPORT

PROPERTY - CAMDECK MINES LIMITED  
 O'SULLIVAN LAKE, ONT.

PORT ARTHUR MINING DIVISION

# DIAMOND DRILL RECORD

8-3-135

PROPERTY Camdeck Mines Limited

HOLE NO. 3

SHEET NUMBER 1

SECTION FROM 0 TO 602'

STARTED Aug. 4, 1955

LATITUDE 100 ft South

DATUM \_\_\_\_\_

COMPLETED Aug. 6, 1955

DEPARTURE 100 ft East

BEARING N 20° W

ULTIMATE DEPTH 602 feet

ELEVATION 4 Post-claim KK7632

DIP 40°

PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0 - 28.0	Casing				
28.0 - 67.5	F.G. Greenstone lightly sheared and carbonated				
	33.5 - 36.0 Lost core.				
	36.0 - 37.5 Schisted contact zone, grading to porphyritic.				
67.5 - 117.5	Grey quartz feldspar porphyry, lightly sheared in local sections but generally massive.				
117.5 - 217.5	81.4 - 95.0 Lost core.				
117.5 - 217.5	Tuffaceous banding showing many miniature dragfolds.				
	165.0 - 167.5 much folding				
	170.0 - 172.5 Lost				
	176.5 - 177.0 "				
	2" white quartz stringer at 161.0				
	1½" white quartz stringer at 164.0				
	190.0 - 192.0 Lost				
	211.0 - 217.5 Lost				
217.5 - 271.0	Grey porphyry as before, mostly massive with light shearings in narrow local sections.				
271.0 - 313.5	Fine grained lightly chloritized rock.				
313.5 - 383.5	Coarse grained dark grey porphyry dike (granite type)				
383.5 - 452.0	Sheared medium grained dioritic type lava, grading to massive from 440 on.				
452.0 - 602.0	F.G. light green lava massive from 500 on, Definite pillow margins at widely spaced intervals.				
602.0	End of hole.				

*[Handwritten Signature]*

# DIAMOND DRILL RECORD

8-3-136

PROPERTY Camdeck Mines Limited HOLE NO. 4

SHEET NUMBER 1 SECTION FROM 0 TO 652' STARTED Aug. 8, 1955  
 LATITUDE 100 feet South DATUM \_\_\_\_\_ COMPLETED Aug. 10, 1955  
 DEPARTURE 250 feet West BEARING N. 20° W ULTIMATE DEPTH 652 feet  
 ELEVATION #1 Post Km 7638 DIP 40° PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0 - 11.0	Casing				
11.0 - 81.5	Fine grained lava, suggestions of pillows but contorted. Few local tuffaceous sections 31.0 - 35.0 showing few cherty bands 2" to 4" wide.				
81.5 - 205.0	Grey quartz feldspar porphyry, fairly massive.				
205.0 - 405.0	Well sheared greenstone, lightly carbonated shear weakening from 255.0 and becoming massive and chilled 400.0 - 405.0				
405.0 - 482.6	Medium grained dioritic lava, moderately sheared becoming fine grained from 460.0 - 482.6				
482.6 - 533.0	Medium grained grey feldspar porphyry, (massive) 505.5 - 506.0 white quartz stringer, apparently parallel to core. No visible mineral.				
533.0 - 652.0	Medium grained diorite, lightly sheared from 533.0 becoming massive 535.0 to end of hole.				
652.0	End of hole.				

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# DIAMOND DRILL RECORD

5-3-136

PROPERTY Camdecc Mines Limited HOLE NO. 5

SHEET NUMBER 1 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED Aug. 11th. 1955  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED Aug. 15th. 1955  
 DEPARTURE 100 feet West BEARING North 20° West ULTIMATE DEPTH 639 feet  
 ELEVATION Hole #4 DIP 40° PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD %	SLUDGE GOLD %
0.0 - 6.0	Casing				
6.0 - 103.0	Moderately sheared and carbonated lava, faint outlines of pillows but contorted.				
	62.0 - 60.5 Grey porphyritic dike, lightly sheared. C. A. nearly right angle to core.				
	From 83 on pillows are well defined				
103.0 - 107.0	6" white quartz stringer at 101.0 No vis. min. Cream coloured tuffaceous material. Carbonated.				
	Few lightly pyritized seams near contacts, also black seams of crushed hornblende.				
107.0 - 125.0	Coarse grained grey porphyry				
	110.0 - 112.4 lost core				
	118.0 - 119.0 lost core				
125.0 - 130.5	Tuffaceous material with narrow sections showing small angular fragments and black crushed hornblende. Seams indicate local dragfolding.				
130.5 - 193.0	Medium grained highly altered porphyritic and local dioritic sections. Somewhat laminated.				
	133.0 - 135.0 lost core				
	137.5 - 140.0 " "				
	141.2 - 142.0 " "				
	153.5 - 154.5 " "				
	Too much cave between 133.0 and 154.5 hole had to be cemented. Probable fault zone				
193.0 - 215.5	Banded rhyolitic tuff with few angular fragments.				
215.5 - 359.0	Sheared medium grained dioritic type lava, grading massive.				
359.0 - 639.0	Fine grained greenstone lightly carbonated to 320.0 gradually becoming massive. From 323.0 showing distinct but widely spaced pillows.				

N.M.P., TORONTO STOCK EXCHANGE

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*[Signature]*



# DIAMOND-DRILL RECORD

8-3-131

PROPERTY Camdeck Mines Limited HOLE NO. 6

SHEET NUMBER 1 SECTION FROM \_\_\_\_\_ TO \_\_\_\_\_ STARTED Aug. 16th/55  
 LATITUDE \_\_\_\_\_ DATUM \_\_\_\_\_ COMPLETED Aug 21st/55  
 DEPARTURE 100 feet west BEARING North 30° East ULTIMATE DEPTH 680 ft.  
 ELEVATION Hole # 5 DIP 40° PROPOSED DEPTH \_\_\_\_\_

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD \$	SLUDGE GOLD \$
0.0 - 5.0	Casing				
5.0 - 192.5	Medium to coarse grain diorite, massive 85.0 - 95.0 lightly sheared and showing few carbonate seams. From 150.0 rock is grading to finer grain and is well sheared at 192.5				
192.5 - 226.0	Tuffaceous and siliceous rock lightly sheared and showing scattered grains of sulphide, also few grains of dark mineral probably magnetic iron. 226.0 - 240.0 well sheared dioritic appearing section probably dioritic soaking. 214.0 - 215.0 Lost 222.0 - 224.5 Lost				
226.0 - 268.0	Tuffaceous banding with sections of fragmental material. 248.8 - 250.8 Mud seam probable fault. From 250.8 rock is badly broken. 256.5 Lost 256.5 - 257.9 259.5 - 262.3 Lost				
268.0 - 300.0	F. G. Slightly banded tuff grading to pillowed lava.				
300.0 - 680.0	F. G. Lava gradually becoming massive at 320.0 At 320 cave between 240.0 and 320.0 made it impossible to lower rods. Hole was cemented from 240 to 320. At 290.0 hole was deflected while reborer cement. From 320 on rock shows distinct pillows and becomes massive from 330. From 400.0 to end rock shows narrow lightly carbonated shears but is generally massive.				
680.0	End of hole				

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*[Handwritten Signature]*