010

Diamond Drilling

Area of O'Sullivan Lake

Report Nº 19

Work performed by: Osulake Mines Ltd.

Claim Nº	Hole Nº	Footage	Date	Note
KK 3202	150-1	79.8'	Aug/47	
	150-2	36'	Dec/47	
	150-3	83.5'	Dec/47	
	2-1	80'	Dec/47	
	2-2	96'	Dec/47	
	2-3	129'	Jan/48	
	1-4	46'	Apr/48	
	1-5	55'	Apr/48	
KK 3338	S-1	300'	Oct/47	

Notes:

DIAMOND DRILL RECORD

LOCATION: LAT. / DEP. First Level Station

ELEVATION OF COLLAR

DATUM

DIRECTION AT START: BEARING N 20° W / DIP Flat

PROPERTY Osulake

STARTED Aug 23

COMPLETED Aug 24

HOLE NO. 150 - 1

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD $	SLUDGE GOLD $
0 - 24.7	Schisted greenstone in part tuffaceous				
24.7 - 25.7	Schist	2526	1.0		
25.7 - 27.7	Qtz well mineralized several specks V.G.	specimen			
27.7 - 30.2	Qtz well mineralized 3 specks V.G.	2527	2.5		
30.2 - 31.2	Brecciated tuff with qtz stringers	2522	1.0		
31.2 - 34.2	Brecciated tuff with stringers	2523	3.0		
34.2 - 50	Tuff				
50 - 65.2	Tuff				
65.2 - 66.2	Mineralized altered porphyry	2524	1.0		
66.2 - 68.5	Schist				
68.5 - 69.0	Qtz stringer f.w. m.	2525	0.5		
69.0 - 74.8	Schisted tuff				
74.8 - 77.8	Ore Section				
73.3 - 74.8	Schist - small stringers	2528	1.5		
74.8 - 75.8	Qtz well mineralized	2529	1.0		
75.8 - 76.8	Porphyry fairly well mineralized	2530	1.0		
79.8 - 90.0	Porphyry				
76.8 - 79.8	Porphyry fairly well mineralized	2531	3.0		
	End of Hole				

GERALDTON TIMES LIMITED-3641

DRILLED BY W J Thompson

SIGNED

DIAMOND DRILL RECORD

LOCATION: LAT.
DEP. Shaft.

ELEVATION OF COLLAR

DATUM

DIRECTION AT START: BEARING Vertical
DIP

PROPERTY Osulake Mines Ltd

STARTED October 1947

COMPLETED November 194[illegible]

HOLE NO. S-1

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD $	SLUDGE GOLD $
0 - 20	Schisted Greenstone				
20 - 60	Greyish sheared Greenstone				
60 - 80	Greenstone				
80 - 90	Same as above				
90 - 92	Same as above				
92 - 112	Same as above				
112 - 140	Same as above				
140 - 160	Greenstone with a few pyrite stringers				
160 - 180	Greenstone				
180 - 200	Greyish greenstone				
200 - 220	Same as above				
220 - 240	[illegible] carbonated Greenstone				
240 - 260	Greenstone				
260 - 280	✓				
280 - 300	✓				
	End of Hole				

GERALDTON TIMES LIMITED-3641

DRILLED BY W J [illegible] Drilling Co. Ltd.

SIGNED [illegible]

DIAMOND DRILL RECORD

LOCATION: LAT. ______ DEP. ______

ELEVATION OF COLLAR ______

DATUM ______

DIRECTION AT START: BEARING N 50 W DIP Flat

PROPERTY ______

STARTED [illegible]

COMPLETED ______

HOLE NO. 1[illegible]

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD $	SLUDGE GOLD $		
[illegible]	[illegible] quartzite						
	[illegible] stains						
[illegible]	[illegible] material						
	[illegible]						
	[illegible]						
	[illegible] few small specks of [illegible]						
[illegible]	[illegible] mm. Py. 4						
[illegible]	[illegible]						
	[illegible]						

GERALDTON TIMES LIMITED-3641

DRILLED BY [illegible] Thompson Drilling Co. Ltd.

SIGNED [illegible]

DIAMOND DRILL RECORD

LOCATION: LAT. _____ DEP. _____

ELEVATION OF COLLAR _____

DATUM _____

DIRECTION AT START: BEARING N. 31° E. DIP FLAT

PROPERTY OSULAKE MINES LIMITED

STARTED DECEMBER 9th, 1947.

COMPLETED DECEMBER 10th, 1947.

HOLE NO. 150 - 3

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD $	SLUDGE GOLD $		
0 - 9.7	Sheared greyish greenstone Qtz. carbonate stringers						
9.6-11.6	Qtz. section in sheared greenstone						
	25% Qtz. P & H. (8" Qtz.)	9554	2.0				
11.6-20.0	Sheared greenstone Few Qtz. carbonate stringer						
	1" Qtz. Stringer at 16'-8"						
20.0-40.0	Sheared carbonated greenstone						
40.0-53.0	Same as above section, more Qtz. Carbonate Stringers						
53.0-54.0	Qtz. section in sheared greenstone	9555	1.0				
	Narrow black seam noted - small speck of V.G.						
54.0-57.4	Sheared greenstone. Few Qtz. carbonated stringers						
57.4-60.0	Contact zone, 80% Qtz. Some P. & H..Small speck of V.G.	9556	2.6				
60.0-61.0	Contact zone. Qtz section 60% W.M.	9557	1.0				
61.0-63.3	Qtz. section W.M. Several specks of V.G.	9558	2.3				
63.3-64.7	Qtz. section W.M. Small speck of V.G.	9559	1.4				
64.7-66.5	Qtz. section 30% Qtz. W.M. with P.H.A.	9560	1.8				
66.5-67.5	Sheared carbonated greenston. Sl. Min. P. & H.	9561	1.0				
67.5-74.5	Sheared greenstone with carbonate stringer grading to sheared Qtz. porphyry at 74'-0						

GERALDTON TIMES LIMITED-3641

DRILLED BY _____

SIGNED _____

DIAMOND DRILL RECORD

LOCATION: LAT. _____ DEP. _____

ELEVATION OF COLLAR _____

DATUM _____

DIRECTION AT START: BEARING N. 31° E. DIP FLAT

PROPERTY OSULAKE MINES LIMITED

STARTED DECEMBER 9th, 1947

COMPLETED DECEMBER 10th, 1947

HOLE NO. 150 - 3 Continued

DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	GOLD $	SLUDGE GOLD $		
74.5-75.5	Sheared Qtz. Porphyry Sl. Min. with P. & H.	9562	1.0				
75.5-82.0	Sheared greenstone carbonated stringers.						
82.0-83.5	Sheared Qtz. porphyry.						
	End of Hole.						

GERALDTON TIMES LIMITED-3641

DRILLED BY _____

SIGNED _____

DIAMOND DRILL RECORD

LOCATION: LAT. _____ DEP. _____

ELEVATION OF COLLAR 2Nd level

DATUM _____

DIRECTION AT START: BEARING N19W DIP Flat

PROPERTY OSULAKE MINES LTD.

STARTED Dec. 16 1947

COMPLETED _____

HOLE NO. 2-1

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD $	SLUDGE GOLD $
0.0-2.0	Casing. Sheared carbonated greenstone				
2.0 - 25.0	Light grey sheared greenstone, a few qtz.				
	stringers. lightly sheared at 25.0'				
25.0 - 26.8	greenstone with tuff bands.				
26.8 - 28.1	Greenstone with qtz. & calcite stringers				
	slightly mineralized. 10% qtz.	9568	1.3		
28.1 - 31.3	Greenstone withscattered dry qtz. stringers				
31.3 - 31.7	Ground core				
31.7 - 32.6	silicified greenstone, slightly mineralized	9569	0.9		
	so e sphalerite				
32.6 - 38.2	Ground core.				
38.2 - 38.2	Schisted greenstone with cemented seam at 37.5				
38.2 - 42.9	The same becoming more mineralized				
42.9 - 44.2	The same grading into vein material	9570	1.3		
44.2 - 45.7	Qtz vein-well mineralized with sphalerite &				
	chalcopyrite	9571	1.5		
45.7 - 48.5	Folded qtz. breccia, fairly well mineralized				
	sphalerite and three v.g. specks noted	9572	2.8		
48.5 - 50.6	Dark fine grained qtz. carbonate slightly min-				
	eralized & rusty seams	9573	2.1		
50.6 - 52.9	Greenstone with many rusty fault seams				

GERALDTON TIMES LIMITED-3641

DRILLED BY _____

SIGNED _____

DIAMOND DRILL RECORD

LOCATION: LAT. _____ DEP. _____

ELEVATION OF COLLAR 2nd level

DATUM _____

DIRECTION AT START: BEARING N19°W DIP _____

PROPERTY OSULAKI MINES LTD.

STARTED _____

COMPLETED June 4 / 43

HOLE NO. X/E 2-1

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD $	SLUDGE GOLD $
52.9 - 61.3	Qtz. carbonate, slightly min. core badly broken up from 57.5 - 58.5. cemented seams noted				
	This hole to be completed later after				
	grouting water seam.				
61.3 - 61.5	Mud seam (cemented)				
61.5 - 63.5	Sheared silicified greenstone				
63.5 - 64.5	Blue-grey sl. min. silicified greenstone P&H	9595	1.0	0.07	
64.5 - 66.5	Qtz. section, 40% qtz. in sheared qtz. por.				
	W.M. P. H. A. several specks v.g.	9596	2.0	0.27	
66.5 - 68.5	Qtz. section 40% qtz. in sheared altered por.				
	W.M. P. H. A.	9597	2.0	0.48	
68.5 - 70.5	Qtz. section 30% qtz. in sheared altered				
	qtz. por. W.M. P. H. A.	9598	2.0	0.20	
70.5 - 72.0	Blue grey qtz. por. 10% qtz. sl. min. P&H	9599	1.5	0.12	
72.0 - 73.5	Blue grey qtz. por. 5% qtz. sl. min. P&H.	9600	1.5	0.03	
73.5 - 75.0	Blue grey qtz. por 5% qtz sl. min. P&H.	9651	1.5	0.01	
75.0 - 80.0	Blue grey qtz. por				
	End of hole.				

GERALDTON TIMES LIMITED-3641

DRILLED BY W. J. Thompson

SIGNED _____

DIAMOND DRILL RECORD

LOCATION: LAT. _____ DEP. _____

ELEVATION OF COLLAR 2nd level

DATUM _____

DIRECTION AT START: BEARING N43W DIP flat

PROPERTY OSULA[illegible]E MINES LTD.

STARTED Dec. 3 19 8

COMPLETED Dec. 4. 1948

HOLE NO. 2-2

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD $	SLUDGE GOLD $
0.0 - 2.2	Casing				
2.2 - 20.0	Greenstone with qtz. stringers at 16.5, 17.5				
	& 19.0' slightly mineralized				
20.0 - 40.0	Thessme with many narrow qtz. stringers				
40.0 - 60.0	Sheared greenstone, slightly mineralized				
60.0 - 66.6	Greenstone becoming more silicified				
66.6 - 68.6	silicified vein material well mineralized with				
	pyrite & pyrrhotite.	9574	2.0		
68.6 - 71.6	Well mineralized qtz. carbonate 10% qtz.	9575	3.0		
71.6 - 76.0	Thessame -not as much qtz.	9576	4.4		
76.0 - 81.3	Qtz. carbonate, narrow qtz. stringers				
	mineralized-mostly pyrite	9577	5.3		
81.3 - 84.3	Qtz. vein material with havy pyrite & some				
	pyrrhotite. Banded with tuffs. 2 v.g. specks	9578	3.0		
84.3 - 87.0	Qtz. vein, not well mineralized, sphalerite	9579	2.7		
87.0 - 90.0	Mineralized qtz. porphyry, pyrite & pyrrohtite	9580	3.0		
90.0 - 96.0	Mineralized qtz. porphyry				
	End of hole				

GERALDTON TIMES LIMITED-3641

DRILLED BY _____

SIGNED _____

DIAMOND DRILL RECORD

LOCATION: LAT. _____ DEP. _____

ELEVATION OF COLLAR 2nd level station

DATUM _____

DIRECTION AT START: BEARING N20E DIP FLAT

PROPERTY OSULAKE MINES LTD.

STARTED Jan. 8 1948

COMPLETED Jan. 9 1948

HOLE NO. 2-3

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD $	SLUDGE GOLD $		
0.0 - 20.0	Sheared greyish green stone- a few qtz. carbonate stringers.						
20.0 - 40.0	Sheared carbonated greenstone- a few narrow ½" qtz. stringers.						
40.0 - 41.0	Sheared greenstone sl. min.	9581	1.0				
41.0 - 49.0	Sheared carbonated greenstone						
49.0 - 50.0	Narrow 8" qtz stringer in sheared carbonated greenstone	9582	1.0				
50.0 - 56.0	Sheared greyish carbonated greenstone						
56.0 - 58.0	Greyish brecciated zone-F. W. M. P.H.A. S zone	9583	2.0				
58.0 - 59.0	Sheared brecciated greenstone-F.W.M.	9584	1.0				
59.0 - 60.0	The same as above- fairly well sheared	9585	1.0				
60.0 - 62.5	Brecciated qtz. carbonate zone, as above	9586	2.5				
62.5 - 64.6	Sheared carbonated greenstone-Rusty qtz seam at 63.0						
64.6 - 66.0	Sheared carbonated greenstone, sl. min. P&H	9587	1.4				
66.0 - 72.0	Sheared carbonated greenstone						
72.0 - 73.0	Sheared brecciated zone in greenstone sl. min. P & H.	9588	1.0				
73.0 - 91.5	Sheared carbonated greenstone-						

GERALDTON TIMES LIMITED-3641

DRILLED BY _____ SIGNED _____

DIAMOND DRILL RECORD

LOCATION: LAT. _____ DEP. _____

ELEVATION OF COLLAR _____

DATUM _____

DIRECTION AT START: BEARING _____ DIP _____

PROPERTY OSULAKE MI ES LTD.

STARTED _____

COMPLETED _____

HOLE NO. 2-3 (continued)

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD $	SLUDGE GOLD $
91.5 -93.0	Sheared carbonated greenstone- a few qtz. stringers, sl. min.	9589	1.5		
93.0 - 95.0	Qtz. section in W.M. Qtz. por. F.W.M. P.H.A.	9590	2.0		
95.0 - 97.0	Qtz section, 20% qtz. in sheared qtz por. F.W.M. P.H.A.	9591	2.0		
97.0 - 99.0	Qtz. section in qtz. por.30% qtz F.W.M. P.H.A.	9592	2.0		
99.0 - 100.0	Qtz. section, 10% qtz. in altered qtz.por. sl. min. P. & H.	9593	1.0		
100.0- 104.5	Dark greyish altered qtz por. Qtz. carbonate stringers.				
104.5- 106.0	Narrow qtz section in altered qtz por. sl. min P & H.	9594	1.5		
106.0- 121.5	Sheared carbonated greenstone				
121.5- 129.0	Blue grey qtz. por.				
	End of hole.				

GERALDTON TIMES LIMITED-3641

DRILLED BY _____

SIGNED _____

DIAMOND DRILL RECORD

LOCATION: LAT. 103 E Dr.
DEP. 14.3' E PH 1-10
ELEVATION OF COLLAR 150' Level
DATUM
DIRECTION AT START: BEARING S 22-E
DIP FLAT

PROPERTY
STARTED
COMPLETED
HOLE NO. 1-4

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD $	SLUDGE GOLD $		
0.0 - 1.0	Qtz. vein in sheared gts. porph. F.W. M. P.H.A. 20% gts.						
1.0 - 3.2	Sheared greyish gts. porph. F.W.M. P.H.A. 10% gts.						
3.2 - 5.0	Sheared gts. porph. Sl. min. P.H.A. 5% gt.						
5.0 - 7.0	Sheared, sl. alt. grey. gts. porph. sl. min. P.H.						
7.0 - 12.2	grey alt. gts. porph. grading to cark. banded greenstone.						
12.2 - 13.2	Cark. Greenstone, sl. min. H.P. narrow qtz. vein 2"						
13.2 - 18.7	Bluish green cark. greenstone						
18.7 - 20.5	Qtz. section 15% gts. F.W.M. in cark greenstone						
20.5 - 23.0	Sheared cark greenstone						
23.0 - 25.0	Lt. grey. alt. cark material. Sl. min P.H.A.						
25.0 - 26.2	" " " " material very Sl. min.						
26.2 - 28.0	" " " " " F.W.M. chalco & P.						
28.0 - 30.0	Alt. grey cark. material F.W.M. chalco, P.H. 5% gts						
30.0 - 46.0	Grey. green alt. cark. grading to sheared cark greenstone						

END OF HOLE

GERALDTON TIMES LIMITED-3641

DRILLED BY W. J. Thompson Drilling Co Ltd

SIGNED W. J. Thompson

DIAMOND DRILL RECORD

LOCATION: LAT. 10 3 WDR.
DEP. 0.0 PH 1-9
ELEVATION OF COLLAR 150' LEVEL
DATUM
DIRECTION AT START: BEARING S 20E
DIP FLAT

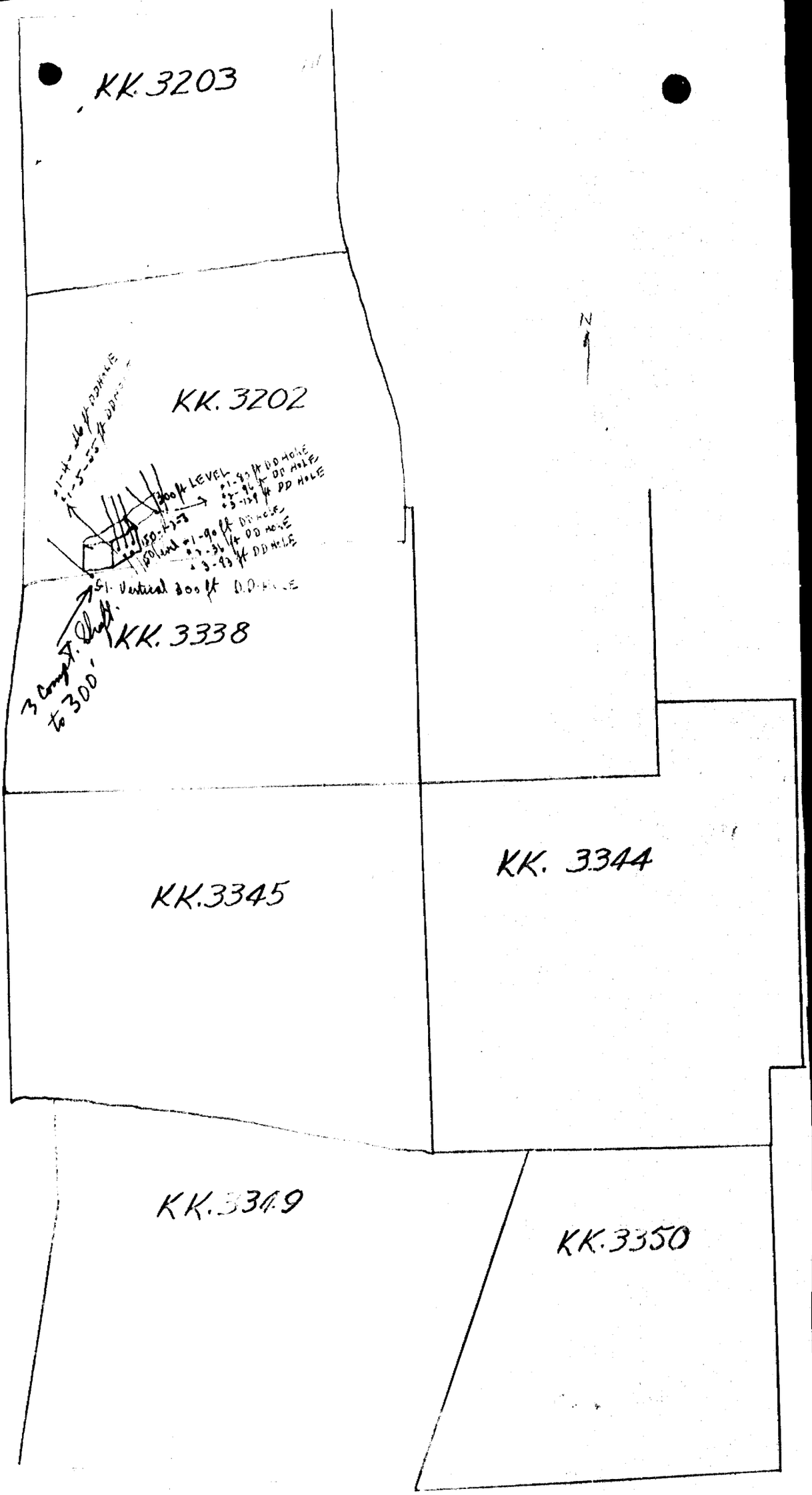
PROPERTY
STARTED
COMPLETED APRIL 27-48
HOLE NO. DDH 1-5

DEPTH FEET	FORMATION	SAMPLE No.	WIDTH OF SAMPLE	GOLD $	SLUDGE GOLD $		
0.0 - 16.0	Grey. - green Carb. greenstone						
16.0 - 16.1	flat qtz. slip, sl. min P.						
16.1 - 25.5	grey - green Carb. greenstone						
25.5 - 27.5	SH. grey carb greenstone, Sl. min. P. & H.						
27.5 - 28.5	As above. Sl. min.						
28.5 - 30.0	SH. grey - green Carb. greenstone Sl. MIN						
30.0 - 31.0	2" qtz stringer in SH. Carb greenstone VG.						
31.0 - 32.0	SH grey Carb, greenstone, Sl min.						
32.0 - 41.0	Sl. arid grey. green Carb greenstone						
41.0 - 43.0	As above						
43.0 - 45.0	As above, Sl., min.						
45.0 - 55.0	SH. greenstone, Sl. fractured						
	END OF HOLE						

GERALDTON TIMES LIMITED-3641

DRILLED BY N. J. Thompson Drilling Co Ltd

SIGNED N J Thompson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