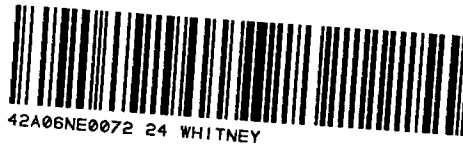


Diamond Drilling



42A06NE0072 24 WHITNEY

010

Township of WHITNEY

Report No: 24

Work performed by: Oro Mines

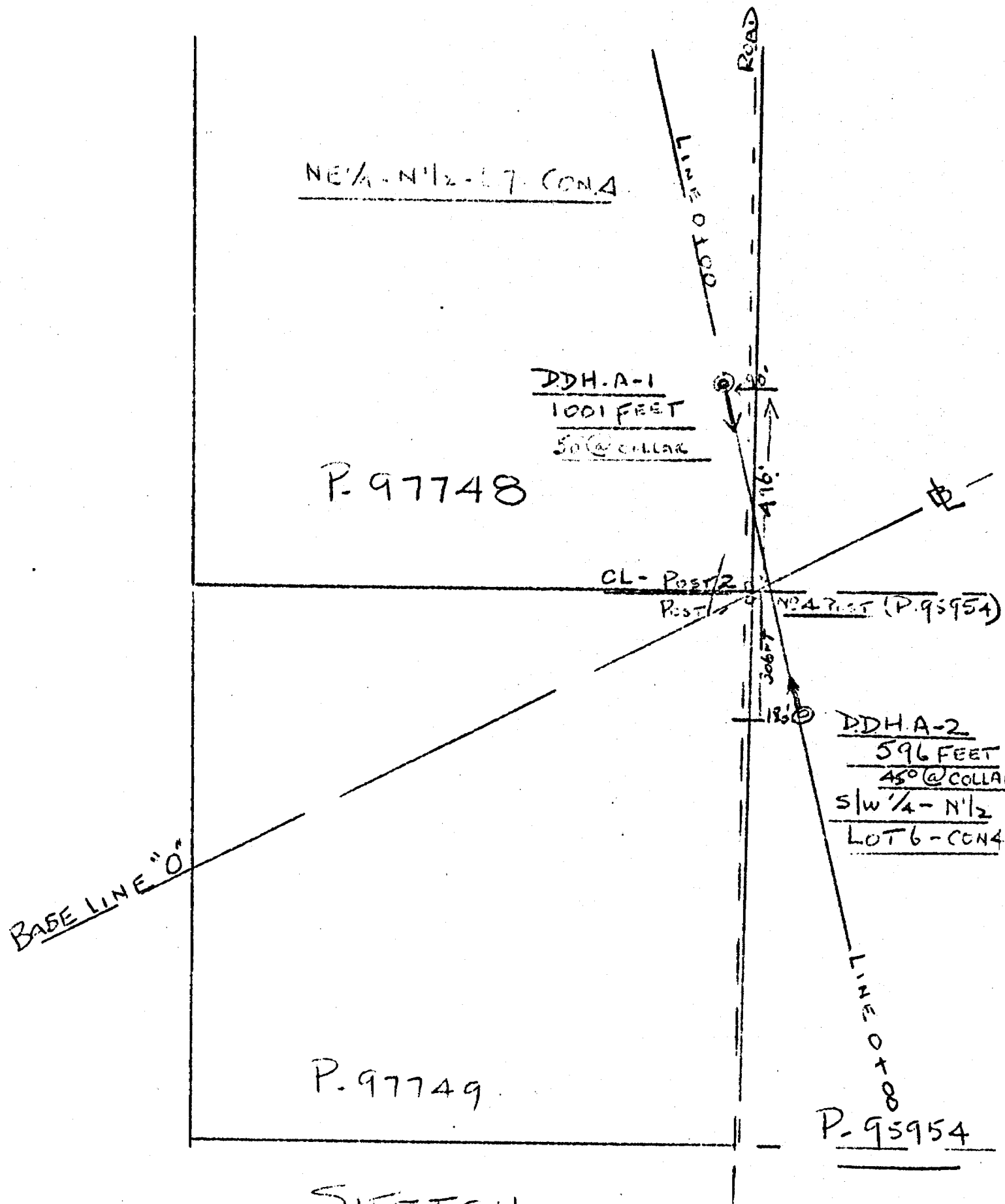
Claim No	Hole No	Footage	Date	Note
P 97748	A-1	1001.0'	July/69	
P 95954	A-2	596.0'	July/69	

2 DDH 1597.1

Notes:

(24)

July 1969



SKETCH
 D.D.H. A-1 & A-2
 ORO MINES LIMITED - WHITNEY TWP.

157/70 Whitney Sup.
 Oro Mines Ltd

WHITNEY TOWNSHIP, ONTARIO
 (m Group "A")

DRG MINES LIMITED

D. D. HOLE No. A-1

Loc. Mining Claim P. 97748 Dip collar : 50° Bearing collar : S 25° E Length: 1001 ft.
 Picket Line 0+00 260': 49 575': 53 875': 54 Collar el. :
 375': 51 675': 55 975': 55
 5+00 N of B.L. 0+00 475': 51 775': 55 Bottom el. :

Drilled by: Bradley Core size: AXQ Begun: June 24/69 Ended: July 29/69 Logged by: K.H. Darke, F. Eng

Samples	Footage drilled				Geology
	From	To	Len.	Rec. %	
	0	235	235	0	OVERBURDEN; clay
	235	250	15	0	AX Casing set in bedrock; no core recovered.
	250				STEATITE: Highly altered, Talcose-Chloritic
					PERIDOTITE; in places, the rock is almost entirely altered to Talc; disseminated Magnetite throughout with a few local concentrations; a few blebs & cubas of Pyrite; scattered Calcite & a few Quartz stringers; minor Chrysotile fibre in places.
					*NOTE:- the entire interval cored contains numerous fractures filled with chlorite-talc, and to a lesser extent, Calcite, Quartz, & Serpentine. Besides the aforementioned fractures, there also are closely-spaced schistosity planes and at least two opposing sets (four) of jointing planes (hairline fractures). Rock outcrops in the immediate area have schistosity and/or jointing planes that dip at angles of 12, 33, 41, 46, 67 & 84-90 degrees. The fracture patterns noted in the following description are given as a few local examples only of the widespread shearing, etc. encountered
					*580 ft.: original hole drilled to 580 ft.; rods (AX) kept "hanging up" on cave at 335 ft.; hole cemented; original hole "lost" at 323 ft. & "new" hole continued with AXQ wireline rods.
					335': talcose rock, highly fractured & very soft.
					431-35': Fault Zone; badly broken, talcose fractures.
					* * * * * * 434': Hole wedged; flattened by 1 1/2 degrees.
		445	195	98	----- gradual change to less talcose rock.
	445				Highly Altered, Serpentinized PERIDOTITE: chloritic, talcose; mineralization & fracturing as before
					506': talcose fracture; mud seam.
					517': " " ; " "
					520-45': numerous chloritic-talcose fractures; interval generally brecciated.
					545-47': sand & cave; hole cemented.
					566-75': highly fractured.
					605': 1/8 " Quartz-filled fracture @ 59° to core axis.
					609': well defined Chlorite-Talc-filled fractures @ 33-39 & 87° to core axis.

D. D. Hole No. A-1



D. D. HOLE No. A-1 continued

Loc. Dip collar : Bearing collar : Length: 1001 ft.
 : : Collar el. :
 : : Bottom el. :

Drilled by: Core size: Begun: Ended: Logged by: K.H. Darke, P. Eng.

Samples	Footage drilled				Geology
	From	To	Len.	Rec. %	
	(445)		(Highly altered, Serpentinized PERIDOTITE)
					613': well defined, 3/8" chlorite-filled fracture @ 23° to core axis.
					618': Hematite-stained, pitted & weathered fracture @ 6° to core axis.
9523					641-45': 10% Calcite stringers; appear barren; few specks & blebs Pyrite in matrix.
9654					760-65': chloritic & talcose; specks of Magnetite & Pyrite.
9655					794.8-796': 50% Calcite; stringers appear barren.
9656					810-15': chloritic & talcose; specks Magnetite & Pyrite
					838-43': numerous talc-chlorite-filled fractures @ 45° to core axis.
					840.8-41': 2" talc-chlorite-filled fracture with gouge @ 51° to core axis.
					860-68': very talcose; chlorite-filled fractures (rudimentary fibre) @ 44-47° & 29-33° to c.a.
					879': Chloritic fractures @ 15 & 57° to core axis.
9657					980.4-81.1': 20% Calcite stringers; appear barren.
9658					995-98': 10% Calcite stringers with crystals Magnetite & minor Pyrite in brecciated, chloritic-talcose matrix.
		1001	556	98	
		E N D O F H O L E			



WHITNEY TWP., ONT.

CRO MINES LIMITED

aim Group A

D. D. HOLE No. A-2

Loc. Mining Claim P. 95954 Dip collar : 45° Bearing collar : N 25° W Length: 596 ft.
 Picket Line 0+00 220' : 46 Collar el. :
 420' : 46
 3+00 S of B.L. 0+00 520' : 45 Bottom el. :

Drilled by: Bradley Core size: AXQ Begun: July 31/69 Ended: Aug. 14/69 Logged by: K.H. Darke, P. Eng.

Samples	Footage drilled				Geology
	From	To	Len.	Rec. %	
	0	220	220	0	OVERBURDEN; clay
	220				Serpentinized PERIDOTITE: highly altered with chloritic & talcose sections prevalent; disseminated Magnetite throughout; a few cubes of Pyrite & specks of Pyrrhotite (?) in places; scattered Calcite & a few Quartz stringers; minor Chrysotile fibre in places along Serpentine-filled fractures.
					*NOTE:- the entire interval cored contains numerous fractures filled with chlorite-talc, and to a lesser extent, calcite, quartz, & serpentine. Besides the aforementioned fractures, there also are closely-spaced schistosity planes and at least two opposing sets (four) of jointing planes (hairline fractures). Rock outcrops in the immediate area have schistosity and/or jointing planes that dip at angles of 12, 33, 41, 46, 67 & 84-90 degrees. The fracture patterns noted in the following description are given as a few local examples only of the widespread shearing, etc. encountered
					224.6-26': sand seam; no core recovered.
					220-30': chlorite-talc-filled fractures @ 9-10, 18, 30-33, 41-44, 50 & 57° to core axis.
					230-33': Calcite-talc-filled fractures @ 51, 59 & 75° to core axis.
					235-36.2': fault zone; badly broken rock.
					238': three sets of chlorite-talc-filled fractures @ 4, 43, & 62° to core axis.
					239': fractures @ 17, 35, 68, 71, 80 & parallel to c.a.
					271-74': fault zone; healed breccia.
					271.5': 1/2" calcite stringer @ 22° to core axis.
					272.3': 2" Quartz stringer @ 45° to core axis.
					291-98': talc-chlorite-filled fractures @ 26 & 43°, & hairline fractures @ 40, 47 & 54° to c.a.
					298-311': mottled texture; irreg. splotches of calcite in a dark green, serpentinized matrix.
					301': 1/16" serpentine-filled fracture (minor cross fibre) @ 37° to core axis.
					310-11': mottled; few specks Pyrrhotite (?).
					313-18': minor chrysotile fibre.
					320-21': chlorite-talc "wafers" @ 52 & 71° to core axis.
					322-35': chlorite-talc-filled fractures @ 8, 13, 22, 42, 56, 62, 69, & 80° to core axis.
					338-42': mottled texture; calcite blebs.
					339-47': chlorite-talc-filled fractures @ 14, 20, 25, 40-41, 50-54, 68, & 80-82° to core axis.
					353': talc-chl. fract. (gouge) @ 70° to core axis.

D. D. Hole No. A-2



D. D. HOLE No. A-2 continued

..... Dip collar : Bearing collar : Length: 596 ft.
 : : Collar el. :
 : : Bottom el. :

Drilled by: Core size: Begun: Ended: Logged by: K.H. Darke, P. Eng.

Samples	Footage drilled				Geology
	From	To	Len.	Rec. %	
(220)					(Serpentinized PERIDOTITE: talcose, chloritic)
					359-60': talcose; gouge zone.
					408': Calcite stringers @ 48° to core axis.
					422': 1/2" talc-chlorite seam @ 25° to c.a.
					439': 1" " " " @ 59° " "
					441-68': specks Magnetite & Pyrrhotite (?).
					484': 2" chlorite-talc-filled shear @ 54° to core axis.
					495': 1" Calcite stringers @ 31° to c.a.
					508': two Calcite stringers opposed @ 33 & 41° to c.a.
					513-33': fractures @ 16, 24, 30, 33, 36, 45-48, 57, & 68° to core axis.
					533-34': lost water pressure; 4" sand seam.
					543': Calcite stringer with trace Pyrite, <u>Chalcopyrite</u> .
					565': Quartz stringers @ 35 & 51° to core axis.
					567-84': fractures @ 10, 26, 38 & 71° to core axis.
		596	376	95	
		E N D O F H O L E			

