~~[illegible] McDonald~~

60-53.5-AN8

Project Knox Mining Date 3/29/74

From WAR

Summary Medomak Drilling

Drills Working	Shifts Working	Total Shifts	Footage This Week	Total Footage	Feet/Shift This Week	Feet/Shift To Date
1	5	53	196	3547	39	67

Holes Drilled

#	Coordinates	Elevation Collar	Elevation Ground	Angle	Azmuth	Advance	Depth	Core Recovery
12E-39.1N	12E-39.1N (medomak grid)	158.4	161.4	52°	357	60	506	100%
60E-53.5N	60E-53.5 N (An 8 grid)			46°	167	136	136	99%

Summary Log

Hole Number	From	To	Formation	Ore Intersections From	To	%Sulf	Notes
12E-39.1 N	(446)	488	Peridotite				Barren
	488	499	rexld BK				
	499	506	Meta gabb w/ BK incl				
60E-53.5N	0	25	ob				
	25	77	Mixed BK w/ hb				local fract zones.
			meta gabbro dikes				
	77	124	highly fractured - crushed				numerous crushed slip
			meta gabb + BK + granite				planes - 17-20° to CA
	124	136	Fractured granite				
			w/ local Pd. incl.				

Comments

2 days were lost moving drill and all equipment from Medomak to An 8 grid.

Intense crushed and fracture zones in 60E-53.5N has caused drilling problems. The hole continues to cave. if the problem zone is not soon passed, the drill will be moved to 60E 52.5 N. This drill target would still test the magnetics over the gabbro zone, and would only be 50' within the limits of the IP Anomaly.

Project Knox mining Date 4/5/74

From WAR

Summary An 8 drilling

Drills Working	Shifts Working	Total Shifts	Footage This Week	Total Footage	Feet/Shift This Week	Feet/Shift To Date
1	5	58	466	~~4013~~ 4073	93	69

Holes Drilled

#	Coordinates	Elevation Collar	Elevation Ground	Angle	Azmuth	Advance 140	Depth	Core Recovery
60E-53.5N	60E-53.5N	206.7	204.3	46°	194	~~86~~	276	99%
60E-52.5N	60E-52.5N	207.0	209.4	46°	193	386	386	100%

Summary Log

Hole Number	From	To	Formation	Ore Intersections From	To	%Sulf	Notes
60-53.5	(136)	141	Peg				
	141	158	biotite gn (Penobscot?)				
	158	229	bronzitite (low ov Saxonite)				highly fractured
	229	247	bio hb gn				numerous fault zones
TD 276	247	276	Serp+mag alt Pd				w/ Serp smears-flooding
60-52.5	0	12	ob				
	12	44	hb (cumm) gabbro				
	44	48	fract zone				
	48	124	Serp mag alt Pd				Core highly mag
	124	132	fract zone				
	132	350	Serp mag (talc) alt Pd	184	189.3	50%	Core highly magnetic over
			fract zones: 140-143; 302-310	341	343	5%	total intercept
	350	357	alt BK				
	357	380	csg granite - Peg				
	380	386	rel fresh BK				
			granulite.				
TD - 386							

Comments

Hole 60E-53.5N was finally stopped at 276'. faulting and brecciation at a similar dip (10-20° to CA) caused extreme drilling difficulties.

The drill was moved 100's to 60E-52.5N to cut the magnetics and IP anomalies. The drill hole explained the gravity, magnetic, and IP anomalies as being a large zone of Serp-mag altered Pd. The core is highly magnetic w/ finely dispersed mag grains. only local traces of sulfides were noted with maximum concentration of 5% over 2' intervals.

- Drill will move to 16N-15W - Fish Pond Grid.

→ 74 drilling costs as of April 1, 74 = 3607'; - total cost = $21,396.37; cost/ft = $5.93

The $5.93/ft is higher than last year because of the large number of moves.