Project Knox mining Date 3/22/74

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	48	446	3351	89	70

Holes Drilled

#	Coordinates	Elevation Collar	Elevation Ground	Angle	Azmuth	Advance	Depth	Core Recovery
12E-39.1N	12E-39.1 N			50°	N 2°W	446	446	100%

Summary Log

Hole Number	From	To	Formation	Ore Intersections From	To	%Sulf	Notes
12E-39.1N	0	7	ob				
	7	98	Bucksport				
	98	108	granite				
	108	114	Bucksport				
	114	128	mafic gabbro				
	128	(446)	Peridotite - ov gabbro	300	308	1%	cpy in tl veins
			incip to advanced talc,	333	346	10%	Large blebs, msv vein (338),
			Cumm, chl alt.				thin veinlets of Po. High
			Local tl veins				Pn and cpy content.

Comments

The large intercept of Pd and the remobilized type of sulfide mineralization may be indicative of a folded Pd with remobilized sulfides in the nose.

The wide intercept of Pd is unexplainable by the synform theory unless the Pd is wider. An additional possibility is that the magnetics and Pd outcrops to the E define a Westerly plunging antiform structure.

The hole will continue as long as it remains in Pd and geologic information is being obtained.

~~[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-53.5N (An 8 grid)			46°	167	136	136	99%

Summary Log

Hole Number	From	To	Formation	Ore Intersections From	To	%Sulf	Notes
12E-39.1N	(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	biohb gn (Penobscot?)				
	158	229	bronzitite (low ov Saxonite)				highly fractured numerous fault zones w/ serp smears - flooding
	229	247	bio hb gn				
TD 276	247	276	Serp+mag alt Pd				
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 interval
	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 disperced 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.

Date Submitted 5/25/74 AN 8

Date Reported

Sample Submittal/Report Form
Hanna Research Lab

Project 646 - 145

Send Report To: FWK

Lab No.	Sample No.	KNOX Sample Description .100	Requested Analyses (Please Check) % Wt. Fe$_t$	Ni	Co	Cu	S	S			
				✓	✓	✓	✓				
4807		AN-8 60E-52.5N 22-32		0.008	0.008	0.005		0.17			
				✓	✓	✓	✓				
4808		" 32-42		0.012	0.010	0.007		0.55			
				✓	✓	✓	✓				
4809		" 106-116		0.034	0.014	0.005		0.14			
			Re Run 6/10/74 .059	✓	✓	✓	✓				RMG
4810		" ~~184~~ 182-186		~~0.060~~	0.016	0.017		~~0.97~~	Re Run 0.91 7/30/74		.86 5/21/74
				✓	✓	✓	✓				
4811		" 198-208		0.042	0.014	0.011		0.37	=		.11
				✓	✓	✓	✓				
4812		" 229-239		0.046	0.013	0.017		0.33			
				✓	✓	✓	✓				
4813		" 239-246		0.076	0.016	0.039		0.74			.11
				✓	✓	✓	✓				
4814		" 266-277		0.069	0.016	0.011		0.18			
				✓	✓	✓	✓				
4815		AN-8 60E-53.5N 176-178		0.311	0.038	0.055		2.91			.12
				✓	✓	✓	✓				
4816		" 269-276		0.036	0.013	0.007		0.25			

KNOX MINING CORPORATION
RECEIVED
JUN 3 1974

THE HANNA MINING COMPANY

TO: S. G. Stone DATE 7/20/73

FROM: W. A. Rowe A.F.E. NO.

PROJECT: WALTERS DRILLING

DRILLING STATUS

SUMMARY

1. DRILLS WORKING	SHIFTS WORKED	TOTAL HOLES: AFE AUTH.	TOTAL HOLES: COMPLETED	TOTAL HOLES: DRILLING	TOTAL FOOTAGE: AUTH. AFE	TOTAL FOOTAGE: TO DATE	TOTAL FOOTAGE: THIS WEEK
1	5		0	1		969	447

HOLES DRILLED THIS PERIOD

2. HOLE NO.	COORDINATES N	COORDINATES E	ADVANCE FT.	DEPTH FT.	ORE INTERSECTION FROM	ORE INTERSECTION TO	ORE RECOVERY	ROCK FORMATIONS & ORE CUT
36-31	36E	31N	447	447	0	38		overburden
					38	122		
					122	445		peridotite w/ local gabbroic pegmatoid dikes - Barren
					445	(447)		Bucksport Cole - schiate granulite - inclusion? footwall?
Collar elev: 158.5								

3.		THIS PERIOD	PROJECT TOTAL		THIS PERIOD	PROJECT TOTAL
	CORE RECOVERY IN WALL ROCK			AVG. FEET/DRILL 926/14	89.5	66
	CORE RECOVERY IN ORE			AVG. FEET/WORK SHIFT		
	TOTAL CORE RECOVERY			AVG. FEET/DRILL SHIFT		
	RATE OF PENETR. IN ORE/SHIFT			AVG. RATE PENETR. HOST ROCK/SHIFT		

4. SAMPLE STATUS

SAMPLES COLLECTED INTERVAL	SAMPLES PREPARED OR COMPOSITED	SAMPLES SENT TO LABORATORY PERIOD	SAMPLES SENT TO LABORATORY TOTAL	SAMPLE RESULTS PERIOD	SAMPLE RESULTS TOTAL	NOTES

5. GENERAL DRILLING RESULTS

(COMMENTS)

- Peridotite is anomalously barren in sulfides and magnetite. The last 0 feet suggest the hole is near completion. an additional 90-50' will be drilled to assure the last 2' are indicative of footwall and not inclusions. The third hole on walters anomaly will be drilled at 28-35 if Krooks is available or 90-35. The Peridotite appears to be dipping and thinning to the south.

NOTE: Attach following:

1. Geological plan showing proposed holes, holes drilled to date and this period; with elevation of collar, inclination, etc.
2. Log and cross-section of each hole.
3. Graph showing progress.

Printed in Canada

THE HANNA MINING COMPANY

TO: JGS DATE 7/27

FROM: DJR A.F.E. NO.

PROJECT: MEDOMAK

DRILLING STATUS

SUMMARY

1. DRILLS WORKING	SHIFTS WORKED	TOTAL HOLES: AFE AUTH.	TOTAL HOLES: COMPLETED	TOTAL HOLES: DRILLING	TOTAL FOOTAGE: AUTH. AFE	TOTAL FOOTAGE: TO DATE	TOTAL FOOTAGE: THIS WEEK
1	5					1185	216

HOLES DRILLED THIS PERIOD

2. HOLE NO.	COORDINATES N	COORDINATES E	ADVANCE FT.	DEPTH FT.	ORE INTERSECTION FROM	ORE INTERSECTION TO	ORE RECOVERY	ROCK FORMATIONS & ORE CUT
36-31			79	526	444	~~526~~ 465		TALC ALT LHERZOLITE
					465	526		BIO QTZ MONZ
40-36	COLLAR 146,0		137+	137+	0	40		QAL
					40	99		GAB
					99	107		SCH (BUCKSPORT)
					107	117		DIABASE
					117	(137)		SCH (CLARY HILL)

~~#~~ 32-29 COLLAR 172,8

3.	THIS PERIOD	PROJECT TOTAL		THIS PERIOD	PROJECT TOTAL
CORE RECOVERY IN WALL ROCK			AVG. FEET/DRILL		
CORE RECOVERY IN ORE			AVG. FEET/WORK SHIFT 1185/19		
TOTAL CORE RECOVERY			AVG. FEET/DRILL SHIFT	43	62
RATE OF PENETR. IN ORE/SHIFT			AVG. RATE PENETR. HOST ROCK/SHIFT		

4. SAMPLE STATUS

SAMPLES COLLECTED INTERVAL	SAMPLES PREPARED OR COMPOSITED	SAMPLES SENT TO LABORATORY: PERIOD	SAMPLES SENT TO LABORATORY: TOTAL	SAMPLE RESULTS: PERIOD	SAMPLE RESULTS: TOTAL	NOTES

5. GENERAL DRILLING RESULTS

(COMMENTS)

NOTE: Attach following:

1. Geological plan showing proposed holes, holes drilled to date and this period; with elevation of collar, inclination, etc.
2. Log and cross-section of each hole.
3. Graph showing progress.

Printed in Canada

THE HANNA MINING COMPANY

TO: J. G. S DATE 8/3/73

FROM: WAR A.F.E. NO.

PROJECT: WALTERS -

DRILLING STATUS

SUMMARY

1. DRILLS WORKING	SHIFTS WORKED	TOTAL HOLES: AFE AUTH.	TOTAL HOLES: COMPLETED	TOTAL HOLES: DRILLING	TOTAL FOOTAGE: AUTH. AFE	TOTAL FOOTAGE: TO DATE	TOTAL FOOTAGE: THIS WEEK
1	5		2	3		1858	673

HOLES DRILLED THIS PERIOD

2. HOLE NO.	COORDINATES E	COORDINATES N	ADVANCE FT.	DEPTH FT.	ORE INTERSECTION FROM	ORE INTERSECTION TO	ORE RECOVERY	ROCK FORMATIONS & ORE CUT
40-36	40	36	50	187	(137)	187		plag bio, musc gn Clary Hill
32-29	32	29	337	337	0	8		overburden
					8	244		plag, bio, musc gn - (Clary Hill) Serp zone 70-82
					244	337		Sill gar gn -
34-34.5	34	34.5	286	(286)	0	21		Ob
	collar elev:	145.9			21	(286)		peridotite - +10% sulfides 205-286.

3.	THIS PERIOD	PROJECT TOTAL		THIS PERIOD	PROJECT TOTAL
CORE RECOVERY IN WALL ROCK			AVG. FEET/DRILL 1858/29		
CORE RECOVERY IN ORE			AVG. FEET/WORK SHIFT	1345	77
TOTAL CORE RECOVERY			AVG. FEET/DRILL SHIFT		
RATE OF PENETR. IN ORE/SHIFT			AVG. RATE PENETR. HOST ROCK/SHIFT		

4. SAMPLE STATUS

SAMPLES COLLECTED INTERVAL	SAMPLES PREPARED OR COMPOSITED	SAMPLES SENT TO LABORATORY PERIOD	SAMPLES SENT TO LABORATORY TOTAL	SAMPLE RESULTS PERIOD	SAMPLE RESULTS TOTAL	NOTES

5. GENERAL DRILLING RESULTS

(COMMENTS)

Sulfides in Pd at 205-286 are anomalous in Pn and cp - Pd of this intercept is high in Cr and serp alt. Several other Ni minerals (other than Pn) are noted in this intercept.

NOTE: Attach following:

1. Geological plan showing proposed holes, holes drilled to date and this period; with elevation of collar, inclination, etc.
2. Log and cross-section of each hole.
3. Graph showing progress.

Deleted in Genesis

Date Submitted 8/13/73
Date Reported 8-17-73

Sample Submittal/Report Form
Hanna Research Lab

Project 646-145
Submitter LAM

KNOX 40N-36NW

Lab No.	Sample No.	Sample Description -100M	Requested Analyses (Please Check) % Wt. Fe	Ni	Co ✓	Ni ✓	Cu ✓	S ✓	Au ✓
10865		44'-54.5' (Reported)			.011	.004	.011	0.32	
66		107'-128'							No Trace
67		128'-143'							No Trace
68		159'-167'							No Trace
10869		175.5'-187'							No Trace

KNOX MINING CORPORATION
RECEIVED
SEP 6 1973

Walter

THE HANNA MINING COMPANY

TO: J. G. Stone DATE 8/10/73

FROM: WAR A.F.E. NO.

PROJECT: Walters

DRILLING STATUS

SUMMARY

1. DRILLS WORKING	SHIFTS WORKED	TOTAL HOLES: AFE AUTH.	TOTAL HOLES: COMPLETED	TOTAL HOLES: DRILLING	TOTAL FOOTAGE: AUTH. AFE	TOTAL FOOTAGE: TO DATE	TOTAL FOOTAGE: THIS WEEK
1	5		1	2		2283	425

HOLES DRILLED THIS PERIOD

2. HOLE NO.	COORDINATES N	COORDINATES E	ADVANCE FT.	DEPTH FT.	ORE INTERSECTION FROM	ORE INTERSECTION TO	ORE RECOVERY	ROCK FORMATIONS & ORE CUT
34-34.5	34E	34N	268	554	(286)	376		Pd (local peg, Ore Mont)
	450 N							10% sulf 286-293, 15%
								299-331.
					376	415		Bucksport
collar - 145.9					415	496		talc Pd - barren
					495	554		Mixed Clary Hill and Bucksport.
34-34	34E	34N			0	27		ob
					27	(157)		pd - fr sulfides

	THIS PERIOD	PROJECT TOTAL		THIS PERIOD	PROJECT TOTAL
3. CORE RECOVERY IN WALL ROCK			AVG. FEET/DRILL	2283/29	
CORE RECOVERY IN ORE			AVG. FEET/WORK SHIFT	85	79
TOTAL CORE RECOVERY			AVG. FEET/DRILL SHIFT		
RATE OF PENETR. IN ORE/SHIFT			AVG. RATE PENETR. HOST ROCK/SHIFT		

4. SAMPLE STATUS

SAMPLES COLLECTED INTERVAL	SAMPLES PREPARED OR COMPOSITED	SAMPLES SENT TO LABORATORY PERIOD	SAMPLES SENT TO LABORATORY TOTAL	SAMPLE RESULTS PERIOD	SAMPLE RESULTS TOTAL	NOTES

5. GENERAL DRILLING RESULTS

(COMMENTS)

Hole 34-34.5 was a success w/ 120' of +10% Sulfide mineralization

Hole 34-34 (vertical) has 157' of barren (<5%) sulfides.

NOTE: Attach following:

1. Geological plan showing proposed holes, holes drilled to date and this period; with elevation of collar, inclination, etc.
2. Log and cross-section of each hole.
3. Graph showing progress.

THE HANNA MINING COMPANY

TO: JGS DATE 8/17/73

FROM: DJR A.F.E. NO.

PROJECT: MEDOMAK POND

DRILLING STATUS

SUMMARY

1. DRILLS WORKING	SHIFTS WORKED	TOTAL HOLES: AFE AUTH.	TOTAL HOLES: COMPLETED	TOTAL HOLES: DRILLING	TOTAL FOOTAGE: AUTH. AFE	TOTAL FOOTAGE: TO DATE	TOTAL FOOTAGE: THIS WEEK
1	5					2753	470

HOLES DRILLED THIS PERIOD

2. HOLE NO.	COORDINATES N	COORDINATES E	ADVANCE FT.	DEPTH FT.	ORE INTERSECTION FROM	ORE INTERSECTION TO	ORE RECOVERY	ROCK FORMATIONS & ORE CUT
34-34	34E	34N	470	627	(157)	600		Pd (BARREN)
					600	627		CLARK HILLS BUCKSPORT

	THIS PERIOD	PROJECT TOTAL		THIS PERIOD	PROJECT TOTAL
3. CORE RECOVERY IN WALL ROCK			AVG. FEET/DRILL 2753/34		
CORE RECOVERY IN ORE			AVG. FEET/WORK SHIFT	94	81
TOTAL CORE RECOVERY			AVG. FEET/DRILL SHIFT		
RATE OF PENETR. IN ORE/SHIFT			AVG. RATE PENETR. HOST ROCK/SHIFT		

4. SAMPLE STATUS

SAMPLES COLLECTED INTERVAL	SAMPLES PREPARED OR COMPOSITED	SAMPLES SENT TO LABORATORY: PERIOD	SAMPLES SENT TO LABORATORY: TOTAL	SAMPLE RESULTS: PERIOD	SAMPLE RESULTS: TOTAL	NOTES

5. GENERAL DRILLING RESULTS

(COMMENTS)

MOVING TO 36E 15.7N VIA 40-36 TO PULL CASING LEFT IN HOLE

36E 15.7N AT 85°S TO INTERSECT "MAGNETIC DIKE" AT ~ 500'

NOTE: Attach following:

1. Geological plan showing proposed holes, holes drilled to date and this period; with elevation of collar, inclination, etc.
2. Log and cross-section of each hole.
3. Graph showing progress.

Printed in Canada

(5)

Date Submitted 8/17/73 **34-34.5**

Date Reported 8-27-73

Sample Submittal/Report Form
Hanna Research Lab

Project 646-145

Send Report To: VMO

KNOX -100m

Lab No.	Sample No. (10N-21E?)	Sample Description	Requested Analyses (Please Check) % Wt. Fe$_t$	Ni	Co	Cu	S	NEW		
	2E			—	—	—	—	S		
~~11188~~	~~10N-[illegible]~~	~~38-44.5'~~		~~.188~~	~~.023~~	~~.090~~	~~1.18~~			
				—	—	—	—			
~~89~~	~~"~~	~~44.5-53.5~~		~~.054~~	~~.013~~	~~.018~~	~~0.44~~			
				—	—	—	—			
~~90~~	~~E 24~~	~~222-233.5'~~		~~.067~~	~~.011~~	~~.062~~	~~1.04~~			
				—	—	—	—			
~~91~~	~~"~~	~~245.5-259'~~		~~.141~~	~~.022~~	~~.087~~	~~1.24~~			
				—	—	—	—			
92	34-34.5	106-110'		.050	.014	.014	0.44	0.42		
				—	—	—	—			
93	"	110-116'	on major X section	.045	.015	.009	0.28	0.29		
				—	—	—	—			
94	"	116-126'		.046	.015	.013	0.28	0.30		
				—	—	—	—			
~~95~~	~~5-71~~	~~325-335'~~		~~.073~~	~~.013~~	~~.057~~	~~1.01~~			
				—	—	—	—			
~~96~~	~~"~~	~~335-339'~~		~~.086~~	~~.013~~	~~.029~~	~~0.08~~			
				—	—	—	—			
~~97~~	~~"~~	~~414.7-415.9'~~		~~.621~~	~~.069~~	~~.112~~	~~11.73~~			
				—	—	—	—			
~~98~~	~~EDA-16~~	~~99-110'~~		~~.055~~	~~.012~~	~~.061~~	~~1.18~~			
				—	—	—	—			
~~11199~~	~~5-63~~	~~8-11'~~		~~.103~~	~~.018~~	~~.052~~	~~2.06~~			

KNOX MINING CORPORATION
RECEIVED
AUG 31 1973

Date Submitted 8/20/73 Grade One

Date Reported 8-29-73

Sample Submittal/Report Form
Hanna Research Lab

Project 646-145

Send Report To: 7MK

Lab No.	Sample No.	Sample Description KNOX -80M	Requested Analyses (Please Check) % Wt. Fe	Ni	Co	Cu	S		New S	
11333	34-34.5	150'-161'		.052	.016	.091	0.44		0.44	
11334		161'-175'		.013	.011	.017	0.22		0.25	
11335		175'-188'		.039	.013	.123	0.96		0.94	
11336		188'-202'		.010	.009	.072	0.19		0.17	
11337		202'-205'		.057	.014	.117	~~1.39~~	→	1.12	
11338		285'-293'		.225	.027	.342	~~1.94~~	→	3.52	
11339		293'-299.5'		.007	.003	.024	0.03		0.09	
11340		299.5'-316'		.223	.027	.316	~~1.24~~	→	3.31	
11341		316'-326'		.111	.018	.272	~~0.42~~	→	1.42	
11342		326'-331'		.048	.014	.056	0.56		0.54	
11343		331'-333.5'		.020	.006	.033	0.23		0.30	
11344		333.5'-350'		.037	.012	.030	0.40		0.42	
11345	34-34.5	350'-366'		.046	.014	.069	0.44		0.44	

Corrections 9/25/73

34-34.5

Date Submitted 8-28-73

Date Reported 9-4-73

Sample Submittal/Report Form

Hanna Research Lab

Project 646-145 ①

Send Report To: F.W.K.

Lab No.	Sample No.	KNOX -100m Sample Description	Requested Analyses (Please Check) % Wt. Fe	Ni	Co	Cu	S			
				—	—	—	—			
~~11560~~	~~5-07~~	~~49-53'~~		~~.154~~	~~.013~~	~~.128~~				
				—	—	—				
~~61~~	~~0-8~~	~~180.5-187.5'~~		~~.077~~	~~.015~~	~~.078~~				
				—	—	—				
~~62~~	~~5-45~~	~~146.5-148'~~		~~.118~~	~~.010~~	~~.093~~		S		
				—	—	—	—			
63	34-34.5	415.5-426'		.030	.013	.013		.16		
				—	—	—	—			
64	"	426 - 436'		.040	.015	.013		.36		
				—	—	—	—			
65	"	436 - 446'		.038	.014	.009		.16		
				—	—	—	—			
66	"	446 - 456'		.040	.015	.008		.45		
				—	—	—	—			
67	"	456 - 466'		.037	.015	.009		.24		
				—	—	—	—			
68	"	466 - 476'		.038	.014	.007		.20		
				—	—	—	—			
~~69~~	~~5-79~~	~~201 - 210'~~		~~.047~~	~~.019~~	~~.059~~		1.63		
				—	—	—	—			
~~70~~	~~"~~	~~210 - 220'~~		~~.056~~	~~.019~~	~~.059~~		1.11		
				—	—	—	—			
~~71~~	~~"~~	~~220 - 235~~		~~.100~~	~~.019~~	~~.124~~		1.93		
				—	—	—	—			
~~11572~~	~~"~~	~~260 - 272'~~		~~.041~~	~~.011~~	~~.025~~		.84		

KNOX MINING CORPORATION

RECEIVED SEP 6 1973

Project Knox mining, Walters Date 10/5/73

From WAR

Summary

Drills Working	Shifts Working	Total Shifts	Footage This Week	Total Footage	Feet/Shift This Week	Feet/Shift To Date
1	5	67	427	5,369	85	80

Holes Drilled

#	Coordinates	Elevation Collar	Elevation Ground	Angle	Azmuth	Advance	Depth	Core Recovery
36-37.4	36E - 37.4N	132.2	129.6	90	~	427	427	100 %

Summary Log

Hole Number	From	To	Formation	Ore Intersections From	To	%Sulf	Notes
36-37.4	0	18	ob				
	18	384	pd - local gabbro dikes gentale elf minor serp, mag	133	160	15	27' of sulfides w/ high Pn, cp /po ratios.
	384	427	Clarry Hill schist				fol 70° to cA

Comments

The 36-37.4 drill hole shows (as does IP) that the "ore" thins to the north. The drilling is completed for the 1973 stage of exploration on Walter's ground. Additional drilling in 1974 will define the actual shape and size of the mineralization zone. a possibility of up to 4 x 10^6 tons of 0.3 Ni, 0.25 Cu may be present on walter's.

The Cat will be returned to walters for road work and cleaning of drill pads (on Tuesday), as Mrs. Virgil Morse is monitoring the exploration activities on Walters.

The drill is moving to Calderwood's ground on the magnetic Dike for a Scheduled 509.6' hole.

Date Submitted 10/29/73
Date Reported 11-12-73

Sample Submittal/Report Form
Hanna Research Lab

Project 646-145
Send Report To: EWK

Lab No.	Sample No.	Sample Description (Knox–100m)	Requested Analyses (Please Check) % Wt. Fe$_t$	Ni	Co	Cu	S
14183	36E-37.4N	109-119'		.038	.014	.008	0.23
184	"	119-129'		.050	.011	.032	2.42
185	"	129-130.5'		.024	.011	.019	0.16
186	"	130.5-137'		.257	.026	.344	4.16
187	"	137-143'		.268	.025	.201	3.89
188	"	143-149'		.306	.029	.281	4.39
189	"	149-155'		.413	.038	.324	6.20
190	"	155-160'		.314	.026	.225	4.35
191	"	160-169'		.037	.011	.064	0.43
192	"	177-187'		.073	.016	.053	0.99
193	"	253-263'		.031	.011	.006	0.20
194	"	323-335'		.034	.014	.003	0.20
14195	"	335-347'		.033	.011	.005	0.36

KNOX MINING CORPORATION
RECEIVED
NOV 26 1973

THE HANNA MINING COMPANY

TO: T. G. Stone DATE 7/6/73

FROM: W. A. Roux A.F.E. NO.

PROJECT: WALTERS DRILLING

DRILLING STATUS

SUMMARY

1. DRILLS WORKING	SHIFTS WORKED	TOTAL HOLES: AFE AUTH.	TOTAL HOLES: COMPLETED	TOTAL HOLES: DRILLING	TOTAL FOOTAGE: AUTH. AFE	TOTAL FOOTAGE: TO DATE	TOTAL FOOTAGE: THIS WEEK
1	4		0	1		137	137

HOLES DRILLED THIS PERIOD

2. HOLE NO.	COORDINATES N	COORDINATES E	ADVANCE FT.	DEPTH FT.	ORE INTERSECTION FROM	ORE INTERSECTION TO	ORE RECOVERY	ROCK FORMATIONS & ORE CUT
36-35	36 NE	35 NW	137	137	8	99		Talcose alt Chrysolite 5% sulfide - 1-3% mag high Pn/Po ratio, frost zone
					99	112		
					112	137		Talcose alt Chrysolite 5% sulfide - high Pn, CP/Po ratio, 15% sulf 135-137.

3.	THIS PERIOD	PROJECT TOTAL		THIS PERIOD	PROJECT TOTAL
CORE RECOVERY IN WALL ROCK			AVG. FEET/DRILL		
CORE RECOVERY IN ORE			AVG. FEET/WORK SHIFT 137/4	46	46
TOTAL CORE RECOVERY			AVG. FEET/DRILL SHIFT		
RATE OF PENETR. IN ORE/SHIFT			AVG. RATE PENETR. HOST ROCK/SHIFT		

4. SAMPLE STATUS

SAMPLES COLLECTED INTERVAL	SAMPLES PREPARED OR COMPOSITED	SAMPLES SENT TO LABORATORY PERIOD	SAMPLES SENT TO LABORATORY TOTAL	SAMPLE RESULTS PERIOD	SAMPLE RESULTS TOTAL	NOTES

5. GENERAL DRILLING RESULTS

(COMMENTS)

First part of week used to bring in and set up drill. Began drilling 6/5/73.

Sulfides to 135 are not as high as the sulfides noted in pack-sack hole ~75' to E. 135-137 does show increase.

Pn appears high in round diss blebs in Pd, Pn occurs as flames and diss grns.

Local gabbroic pegmatoids are noted.

Local stringers of serpentine minerals are also noted.

No elevations available.

NOTE: Attach following:

1. Geological plan showing proposed holes, holes drilled to date and this period; with elevation of collar, inclination, etc.
2. Log and cross-section of each hole.
3. Graph showing progress.

THE HANNA MINING COMPANY

TO: J. G. Stone DATE 7/13/73

FROM: W. A. Rowe A.F.E. NO. 73 - -

PROJECT: WALTERS DRILLING

DRILLING STATUS

SUMMARY

1. DRILLS WORKING	SHIFTS WORKED	TOTAL HOLES: AFE AUTH.	TOTAL HOLES: COMPLETED	TOTAL HOLES: DRILLING	TOTAL FOOTAGE: AUTH. AFE	TOTAL FOOTAGE: TO DATE	TOTAL FOOTAGE: THIS WEEK
1	5		1	2		522	385

HOLES DRILLED THIS PERIOD

2. HOLE NO.	COORDINATES N	COORDINATES E	ADVANCE FT.	DEPTH FT.	ORE INTERSECTION FROM	ORE INTERSECTION TO	ORE RECOVERY	ROCK FORMATIONS & ORE CUT
36-35	36 E	35 N	385	522	(137)	475		Peridotite - Lherzolite to Saxonite Locally grading into ov gabbro. Local gabbro pegmatoids. Generally incip talc alt'n Mins 137-230 - 5% 230-918 - 10% } sulf. 918-939 - 15% } 939-475 - barren
Collar ELEV:	142.5'							
					475	522	—	Bucks Port calc-silicate granulite
36-31	36 E	31 N	— Setting up - 7/13/73					

3.	THIS PERIOD	PROJECT TOTAL		THIS PERIOD	PROJECT TOTAL
CORE RECOVERY IN WALL ROCK			AVG. FEET/DRILL 522/9		
CORE RECOVERY IN ORE			AVG. FEET/WORK SHIFT		
TOTAL CORE RECOVERY			AVG. FEET/DRILL SHIFT	77	58
RATE OF PENETR. IN ORE/SHIFT			AVG. RATE PENETR. HOST ROCK/SHIFT		

4. SAMPLE STATUS

SAMPLES COLLECTED INTERVAL	SAMPLES PREPARED OR COMPOSITED	SAMPLES SENT TO LABORATORY PERIOD	SAMPLES SENT TO LABORATORY TOTAL	SAMPLE RESULTS PERIOD	SAMPLE RESULTS TOTAL	NOTES

5. GENERAL DRILLING RESULTS

(COMMENTS)

Peridotite with numerous mineralogic trends and transitions is the dominant host rock type. A generalized increase in sulfides and grain size towards the base suggests the sequence is zoned with no apparent overturning. The Walters peridotite is generally similar, but does show the following differences from the Norrie-Perpall Pd:

1) Pd in opx richer - often saxonite
2) opx is generally greener - enstatite
3) Sulfides are round - rather than interstitial
4) Sulfides are richer in cp + pn
5) Silicates are coarser grained and less serp

The hole was terminated at 522' and the drill moved to 35E, 31N with vertical entry.

NOTE: Attach following:

1. Geological plan showing proposed holes, holes drilled to date and this period; with elevation of collar, inclination, etc.
2. Log and cross-section of each hole.
3. Graph showing progress.

Printed in Canada

Date Submitted _____
Date Reported 8-2-73

Sample Submittal/Report Form
Hanna Research Lab

Project 646-145
Send Report To: MLP

KNOX -100#

Lab No.	Sample No.	Sample Description	Requested Analyses (Please Check) % Wt. Fe$_t$	Ni	Co	Cu	S			
10241	36E-35N	8-25'		✓	✓	✓	✓			
				.050	.013	.008				
10242	36E-35N	25-41'		✓	✓	✓	✓			
				.058	.013	.014				
10243	36E-35N	41-56'		✓	✓	✓	✓			
				.084	.014	.027				
10244	36E-35N	56-67'		✓	✓	✓	✓			
				.089	.014	.034				
10245	36E-35N	67-77'		✓	✓	✓	✓			
				.100	.018	.033				
10246	36E-35N	77-83'		✓	✓	✓	✓			
				.063	.013	.040				
10247	36E-35N	83-99'		✓	✓	✓	✓			
				.096	.014	.033				
10248	36E-35N	99-112.5'		✓	✓	✓	✓			
				.058	.011	.025				
10249	36E-35N	112.5-133'		✓	✓	✓	✓			
				.050	.013	.019				
10250	36E-35N	133-139'		✓	✓	✓	✓			
				.233	.027	.096				
10251	36E-35N	139-155'		✓	✓	✓	✓			
				.073	.014	.066				
10252	36E-35N	155-162'		✓	✓	✓	✓			
				.011	.005	.014				
10253	36E-35N	162-179'		✓	✓	✓	✓			
				.091	.016	.033				

Date Submitted _____

Date Reported 8-2-73

Sample Submittal/Report Form

Hanna Research Lab

Project 646-145

Send Report To: MLD

Lab No.	Sample No.	KNOX -100M Sample Description	Requested Analyses (Please Check) % Wt. Fe$_t$	Ni	Co	Cu	S			
10254	36E-35N	179'-195'		✓ .143	✓ .020	✓ .076	✓ 1.17			
10255	36E-35N	195'-208'		✓ .154	✓ .020	✓ .094	✓ 1.20			
10256	36E-35N	208'-219'		✓ .130	✓ .018	✓ .072	✓ 0.91			
10257	36E-35N	219'-230'		✓ .108	✓ .016	✓ .053	✓ 0.68			
10258	36E-35N	439'-451'		✓ .050	✓ .011	✓ .093	✓ 0.49			
10259	36E-35N	451'-474.5'		✓ .023	✓ .009	✓ .012	✓ 0.26			

KNOX MINING CORPORATION

RECEIVED AUG 13 1973

Date Submitted 7-21-73
Date Reported 7-23-73

Sample Submittal/Report Form
Hanna Research Lab

Project 646-145
Send Report To: W.A.G

KNOX -100M

Lab No.	Sample No.	Sample Description	Requested Analyses (Please Check) % Wt. Fe$_t$	Ni	Co	Cu	S
				✓	✓	✓	✓
9609	36E-35N	230 - 241'		.151	.019	.074	1.02
10	" "	241 - 253'		.130	.021	.067	0.94
11	" "	253 - 261.5'		.152	.022	.098	1.67
12	" "	261.5 - 268.5'		.030	.009	.023	0.08
13	" "	268.5 - 286.5'		.234	.026	.166	2.19
14	" "	286.5 - 305.5'		.205	.022	.129	1.62
9615	" "	316 - 333'		.330	.029	.220	2.98
16	" "	333 - 350'		.289	.026	.190	2.61
17	" "	350 - 354'		.037	.009	.012	0.10
18	" "	354 - 367'		.097	.016	.055	0.60
19	" "	367 - 383'		.101	.016	.064	0.52
20	" "	383 - 400'		.135	.017	.089	1.10
9621	" "	400 - 416'		.135	.017	.082	0.97

KNOX MINING CORPORATION
RECEIVED
JUL 26 1973

Date Submitted 7-21-73
Date Reported 7-23-73

Sample Submittal/Report Form
Hanna Research Lab

Project 646-145
Send Report To: [illegible]

KNOX -100m

Lab No.	Sample No.	Sample Description	Requested Analyses (Please Check) % Wt. Fe$_t$	Ni	Co	Cu	S
				✓	✓	✓	✓
9622	36E-35N	416-427'		.289	.026	.199	2.77
23	" "	427-439'		.464	.029	.362	4.52

KNOX MINING CORPORATION
RECEIVED
JUL 26 1973

Project Medomak Date 1/18/74 – 2/8/74

From

Summary

Drills Working	Shifts Working	Total Shifts	Footage This Week	Total Footage	Feet/Shift This Week	Feet/Shift To Date
1	6	18	446	1220	74	68

Holes Drilled

#	Coordinates	Elevation Collar	Elevation Ground	Angle	Azmuth	Advance	Depth	Core Recovery
64E - 66N	64E - 66N			50°	N	446	446	100%

Summary Log

Hole Number	From	To	Formation	Ore Intersections From	To	%Sulf	Notes
64E - 66N	0	72	ob				
	72	188	Bucksport (local / meta dio)				
	188	274	Clarry Hill sch				
	274	352	veins dio - granodio				
			tr mag				
	352	436	Clarry Hill sch				
	436	(446)	Bucksport				

Comments

- Difficulties caused by warm weather and melting ice caused 1 week delay, also 3 days break-down time.
Hole did not encounter anything to explain the IP or magnetic response. The hole will be taken an additional 20 or 30' to check Clarry Hill - Bucksport contact as PY is often noted intruding along these interfingering contacts in Walter's grid area.
The drill will then be moved to 64E - 75 or 76 N to see if the IP and mag responses can be explained.

Project Knox mining Date 2/15/74

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	23	216	1436	43	63

Holes Drilled

#	Coordinates	Elevation Collar	Elevation Ground	Angle	Azmuth	Advance	Depth	Core Recovery
64E-66N	64E - 66N	129.3	127.2	50°	0	160	606	100%
64E-75N	64E - 75N			45°	180	56	56	100%

Summary Log

Hole Number	From	To	Formation	Ore Intersections From	To	%Sulf	Notes
64E-66N	(446)	606	Clarry Hill fm				MM or fault 498-505
64E-75N	0	20	overburden				
	20	29	hb amphib				tr Po
	29	(56)	Clarry Hill fm				

Comments Etch Tests 64E-66N { 300' - true & 49° ; 600' - 53.5°

Because this area represents a 3 line IP anomaly, hole 64E-75N is being drilled to explain these responses which were not explained by the 64-66 drill hole. A possibility exists that the IP responding zone dips to the north. a shorter hole on 64E-75N will either prove this or indicate the IP is caused by something of less interest than a Pd.

Project KNOX MINING Date 2/22/74

From RRH

Summary MEGA MAK DRILLING

Drills Working	Shifts Working	Total Shifts	Footage This Week	Total Footage	Feet/Shift This Week	Feet/Shift To Date
1	5	28	250	1686	50	60

Holes Drilled

#	Coordinates	Elevation Collar	Ground	Angle	Azmuth	Advance	Depth	Core Recovery
64E-75N	64E-75N	1305	1280	45°	180	2.50	306'	100%

Summary Log

Hole Number	From	To	Formation	Ore Intersections From	To	%Sulf	Notes
64E-75N	0	20	OVERBURDEN				
	20	29	hb amph BK				
	29	205	Clarry Hill Fm				
			55'-60'- ALTERED DIORITE				
			76'-85' ALT GABB				
			111'-113' - HB GABB				
			136'-151' - 50% qtz to 4A veins 1% Po&Py with tourmaline				
			163.5-168' - Buck Sport Fm				
			178'-183' - Buck Sport Fm				
	205'	225'	Mdg granite gneiss				
	225'	258'	CLARRY HILL FM				
	258	269	Mdg granite gneiss				Po,Py in fractures
	269	272	Mdg to csg bio alt gabb				
	272	283	Buck Sport Fm				Po,Py in fractures trace
	283	306	Alt Buck Sport Fm				gabb texture, faint banding

Comments

Project Knox Mining Date 3/1/74

From WAR

Summary Meldomak Drilling

Drills Working	Shifts Working	Total Shifts	Footage This Week	Total Footage	Feet/Shift This Week	Feet/Shift To Date
1	5	33	507	2193	101	66
				356		
				2549		

Holes Drilled

#	Coordinates	Elevation Collar	Elevation Ground	Angle	Azmuth	Advance	Depth	Core Recovery
24-41.5	24E-41.5N	144.1	141.5	90	—	507	507	100%

Summary Log

Hole Number	From	To	Formation	Ore Intersections From	To	%Sulf	Notes
24-41.5	0	30	ob				
	30	90	meta gabb (incl of BK, CH)				
	90	137	Csg hb gabb				1%sulf, tr mag
			bio Anthu Sch 100-105				
	137	241	amphib + meta gabb				
	241	259	K-spar Peg				
	259	283	Talc Anth chl alt Pd				No sulfides
	283	337	hb gabb				<1% sulfides
	337	351	meta gabb				
	351	371	Kspar peg				
	371	449	banded pl hb amphib				
			(Bucksport?)				
	449	507	Bucksport				

Comments

The hole was stopped at 507.
The IP response is not adequately explained
Additional drill hole(s) will be drilled on
E to check IP magnetic and gravity anomalies
as well as sulfidic Pd outcrops.

Project KNOX MINING Date 3/1/74

From RRH

Summary MEDOMAK DRILLING

Drills Working	Shifts Working	Total Shifts	Footage This Week	Total Footage	Feet/Shift This Week	Feet/Shift To Date
1	5	33	507	2193	101	66

Holes Drilled

#	Coordinates	Elevation Collar	Elevation Ground	Angle	Azmuth	Advance	Depth	Core Recovery
24E-41.5N	24E-41.5N	144.1	141.5	90	—	507	507	100%

Summary Log

Hole Number	From	To	Formation	Ore Intersections From	To	%Sulf	Notes
24E-41.5N	0	30	OVERBURDEN				
	30	90	MIXED BK & gabb				88'-90' — gradually changes to gabb
	90	99	MDG to CSG bio 2/4 gabb				minor Po
	99'	105'	ALTERED BUCKSPORT Fm				
	105'	137'	MDG to CSG bio 2/4 gabb	105	137	1%	Po disseminated
			116-119 PEG 122'-124'				
			124-126 - BK				
	137	162	alt BUCKSPORT FM				
	162	240	alt gabb gns (alt BK)	162	240	1%	PoPy in fractures
	240	259	tourmalene PEG				
	259	283.5	CSG Chl bio hb alt Pd				minor Po
	283.5	326.5	bio alt gabbro mdg to CSG				
	326.5	352	Eng bio alt gabb (alt BK)				1% PoPy in fractures
	352	362	PEG				
	362	409'	BUCKSPORT FM				good bedding 0-45° to core
	407	507	BK + gabb				

Comments

Project Knox mining Date 3/8/74

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	38	356	2549	71	67

Holes Drilled

#	Coordinates	Elevation Collar	Elevation Ground	Angle	Azmuth	Advance	Depth	Core Recovery
24-39	24E - 39N			45°	180	356	356	100%

Summary Log

Hole Number	From	To	Formation	Ore Intersections From	To	%Sulf	Notes
24-39	0	34	ob				
	34	40	Bucksport				
	40	12	Peridotite	64	75	5%	high cpy/po ratio
				86	92	3%	
	120	136	Bucksport				
	136	200	Peridotite	136	148	3-5%	high cpy/po ratio
				148	185	1-3%	
				185	191	5%	
	200	254	Bucksport				
	254	336	Peridotite w/ Bucksport inclusions			1%	
	336	356	Bucksport fm				

Comments Hole 24-39 was terminated at 356. The drill is being moved to 16E - 46N to drill N at 45°. The 16-46 hole is located to explain magnetics (highest in this area of Medomak grid), gravity, and possible IP anomaly (found in Mar 73 survey, but not re-confirmed in Nov 73 survey). Geologically, the hole will test the largest outcrop area of Pd on the Medomak grid as well as test the possibilities of post-Pd folding.

KNOX MINING CORPORATION

RECEIVED APR 15 1974

Date Submitted 4/4/74

Date Reported

Medomar

Sample Submittal/Report Form

Hanna Research Lab

Project 646-145

Send Report To: FWK

Lab No.	Sample No.	Sample Description -100M	Requested Analyses (Please Check) % Wt. Fe$_t$	Ni	Co	Cu	S				
2961	24E-39N	KNOX 64-74 500-100		✓ 0.224	✓ 0.022	✓ 0.109	✓ 1.79				
62	"	" 74-84		✓ 0.072	✓ 0.013	✓ 0.028	✓ 0.50				
63	"	" 84-90		✓ 0.150	✓ 0.016	✓ 0.069	✓ 1.21				
64	"	" 104-112		✓ 0.087	✓ 0.015	✓ 0.018	✓ 0.36				
65	"	" 112-120		✓ 0.101	✓ 0.016	✓ 0.039	✓ 0.66				
66	"	" 140-148		✓ 0.239	✓ 0.020	✓ 0.114	✓ 1.72				
67	"	" 148-158		✓ 0.095	✓ 0.014	✓ 0.025	✓ 0.37				
68	"	" 158-168		✓ 0.086	✓ 0.015	✓ 0.024	✓ 0.40				
69	"	" 184-193		✓ 0.147	✓ 0.017	✓ 0.058	✓ 0.80				
70	"	" 253-263.5		✓ 0.038	✓ 0.010	✓ 0.012	✓ 0.24				
71	"	" 263.5-274		✓ 0.060	✓ 0.013	✓ 0.025	✓ 0.35				
72	"	" 274-286		✓ 0.078	✓ 0.012	✓ 0.027	✓ 0.51				
2973	"	" 286-298		✓ 0.126	✓ 0.015	✓ 0.074	✓ 1.14				

on Xsection

KNOX MINING CORPORATION
RECEIVED
APR 15 1974

Date Submitted 4/4/74
Date Reported

Medomak

Sample Submittal/Report Form
Hanna Research Lab

Project 646-145
Send Report To: FWK

Lab No.	Sample No.	Sample Description (-100 M)	Fe$_t$	Ni	Co	Cu	S				
				✓	✓	✓	✓				
2974	24E-39N	KNOX 298-302.5		0.029	0.011	0.045	0.43				
				✓	✓	✓	✓				
2975	"	302.5-314		0.058	0.012	0.017	0.28				
				✓	✓	✓	✓				
2976	"	314-325		0.045	0.012	0.009	0.22				
				✓	✓	✓	✓				
2977	"	325-334.5		0.040	0.013	0.009	0.11				

Requested Analyses (Please Check), % Wt.

on Muller Keogh

Project Knox mining Date 3/15/74

From W A R

Summary Mcdonak drilling

Drills Working	Shifts Working	Total Shifts	Footage This Week	Total Footage	Feet/Shift This Week	Feet/Shift To Date
1	5	43	356	2905	71	68

Holes Drilled

#	Coordinates	Elevation Collar	Elevation Ground	Angle	Azmuth	Advance	Depth	Core Recovery
16-46	16E-46N	188.2	185.5	46°	3°	356	356	100%

Summary Log

Hole Number	From	To	Formation	Ore Intersections From	To	%Sulf	Notes
16-46	0	18	ob				
	18	74	Bucksport				
	74	242	Peridotite - incipient chl, talc alt.				No sulfides - mod. to strong magnetic 74-220
	242	332	Bucksport				
	332	356	meta gabbro bio alt.				Barren

Comments

The magnetic anomaly over the Pd in this area is explained by a high magnetite content in the relatively fresh Peridotite. The pd of this limb of the possible fold indicates a southerly dip of 55-75°. Therefore the nose of the projected Synform would be fairly deep.

Hole 12E-(44)N will be drilled into the "nose" of the structure where the Pd magnetic trends and pd outcrops converge into a single pd band. The pd as well as the linear elements of the Bucksport, show a Easterly plunge of ~20°.