THE HANNA MINING COMPANY

TO: J. G. Stone

FROM: W. A. Rowe

PROJECT: WALTERS DRILLING

DATE 7/6/73

A.F.E. NO.

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 Lherzolite 5% sulfide - 1-3% mag high Pn/po ratio.
					99	112		fract zone
					112	137		Talcose alt Lherzolite 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.

Printed in Canada

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	35N	385	522	(137)	475		Peridotite - Lherzolite to Saxonite
Collar								Locally grading into ov gabb.
ELEV:	142.5'							Local gabbro pegmatoids.
								generally incip talc alt.
								Min: 137-230 - 5%
								230-418 - 10% } sulf.
								418-439 - 15% }
								439-475 - barren
					475 - 522			Bucksport calc-silicate granulite
36-31	36E	31N	- 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 Harriman-Perpall Pd:

1) Pd is 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 mdg to csg.

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.

Date Submitted _____

Date Reported 8-2-73

Sample Submittal/Report Form

Hanna Research Lab

Project 646-145

Send Report To: MLP

Lab No.	Sample No.	KNOX -100# 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

KNOX -10 OM

Lab No.	Sample No.	Sample Description	Fe$_t$	Ni	Co	Cu	S			
			Requested Analyses (Please Check) % Wt.							
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: WMG

Lab No.	Sample No.	KNOX -100M 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]~~

Lab No.	Sample No.	KNOX -100m Sample Description	Fe$_t$	Ni	Co	Cu	S			
				% Wt.						
9622	36E-35N	416-427'		.289	.026	.199	2.77			
23	" "	427-439'		.464	.029	.362	4.52			

KNOX MINING CORPORATION
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JUL 26 1973