



#### **Diamond Drilling**

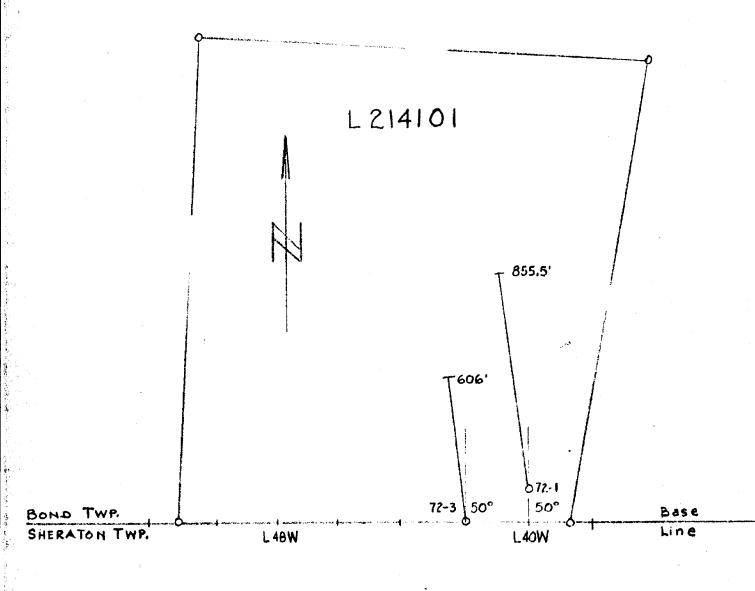
Township of Bond Report NO: 15

Work performed by: Seaway Copper Mines (D. McKinnon)

Claim Nº	Hole No	Footage	Date	Note
L 214101	72-1 72-3 72-5	855.5' 606' 600'	Jan/72 Feb/72 Mar/72	(1) (1) (2)
L 214102	72-4	702'	Feb/72	(1)
L 214090	72-7	<u>525'</u> 3288.5	Apr/72	(2)

#### Notes:

- (1) 72/72(2) 39/73



DRILL HOLE LOCATION
HOLES 72-1 & 72-3

1" = 300'

4085

	PROPERTY SEAWAY C								
LOCATION Li	ine 40W	CORE LOCATION						enuary 6	, 1972.
St	tation 1+00N	DATUM	***************************************					anuary 31	
		BEARING	N10°W		******			55.51	
ELEVATION		DIP	50°			***************************************			************
DEPTH FEET	FORMA	TION 4		SAMPLE NO.	WIDTH OF SAMPLE	Zn %	Рь %	Cu %	Ag oz.
0 - 135	Casing (overburden).								
135 - 159.5	Slate: black with clots	of marcasite,	edding						
	@ 10 - 35° to c.a.								
	155 bedding @ 40° to c.a								
159.5 - 166.5	Tuff: very fine grained,	light grey, so	oft,						
	schistose @ 45° to c.a.,	slight pyrite.			•				
<u> 166.5 - 593.5</u>	<u>5late:</u> grey-black, argil	laceous in plac	es,						
	bedding at 70° to c.a., s	light pyrite o	cesionall	<b>y</b>				<u></u>	<b>.</b> .
	graphitic.								
	190 – 195 slight sphaler	ite in seams &	fractures	1-1	5.0				
	with calcite (	whole core)							
	195 <b>–</b> 200 about 10% sph.	in breccia zo	ne with	1-2	5.0				
	slate fragment	s & calcite (w	nole core)		Togram and				
	200 <b>–</b> 205 as above (whol	e core)		1-3	5.0				
	205 - 210 slight sphaler	ite (whole cor	3)	1-4	5.0				
B	205 – 275 occasional sho	wings of sphale	erite				,		
	263 slight cpy. wi	th sphalerite				-			
	365 – 369 feldspar quart	z porphyry with	1			-	1		
	disseminated p	yrite							

Drilled By Lake Superior Diamond Drilling

Signed & Bally

PROPERTY				HOLE N	0. 72	-1		
	TOWN	SHIP		PAGE N	0	2		
LOCATION		CORE LOCATION			STARTE	D		*******
		DATUM		*******	COMPLE	ETED		
		BEARING			DEPTH.			
ELEVATION	·····	DIP			•••••••	•••••		
DEPTH FEET		FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	Zn %	РЬ %	Cu %	Ag oz.
	410 - 415	slight sphalerite (whole core)	1-5	5.0		1		<del></del>
	415 - 420	core missing						
	420 - 425	about 4% sphalerite & galena in	1-6	5.0				
		calcite filling fracture zone						
	425 - 426	2% sphalerite with calcite						
-	450	bedding @ 75-80° to c.a.		,				
PACE AND ADDRESS OF THE PACE A	474	few grains of sphalerite & galena						
•	475 - 477	sphalerite in fractures						
	556.5 - 56	5.0 narrow generally conformable						
		feldspar porphyry dykes with pyrite						
**************************************	565 - 575	generally black & somewhat graphitic						
		with clots of marcasite						
	580 - 582	sphalerite & galena in seams of						
***************************************		calcite filling fractures.						
93.5 - 641.0	Feldspar Q	uartz Porphyry: grey, medium to coarse						
	grained, m	assive, lathes of feldspar up to ¼",						
****	slight sph	alerite & galena mostly in fractures bu	<u> </u>					
*	some diss.	grains & sligh <b>t diss.</b> pyr <b>ite.</b>						
			1	[	1			- [

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	PROPERTYTOWNSHIP							
LOCATION	CORE LOCATION			STARTE	<b>)</b>		**********	
	DATUM			COMPLE	TED			
	BEARING			DEPTH		*****************	MJ#44844	
ELEVATION	DIP							
DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	Zn %	Pb %	Ag oz.	Au oz.	, C
	593 - 600 slight sphalerite	1-7	7.0					,
	600 605 " "	1-8	5.0	,				
	635 - 640 " "	1-9	5.0	•				
	640 - 645 slight sphalerite in fractures at	1-10	5.0					
<u> </u>	contact, slight cpy., galena	637.5 g.s.=1						
	bottom contact @ 90° to c.a.		,					
641 - 706	Graphitic Slate: bedding at 90° to c.a., grey to							
	black, about 10% clots and seams of pyrite &/or							
	marcasite.							
	618 slight sphalerite & cpy.							
	646.5 sphalarite in seams							1
	700 - 705 pyrite	1-11	5.0					
706 - 759	Andesite: altered, light green, soft, carbonatiz	≥d						
	sli. pyrite, hematite, occ. qtz. stringers.							
	705 - 710	1-12	5.0					
<b>759 - 78</b> 0	Andesite Agglomerate: medium green, harder,							
	lapilli up to several inches, with irregular							
	pinkish quartz stringers.							

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	PROPERTY	PAGE NO. 4							
••••	CORE LOCATION  DATUM	CORE LOCATION  DATUM  BEARING			STARTED COMPLETED DEPTH				
	DIP	<del></del>							
DEPTH FEET	FORMATION (	SAMPLE NO.	WIDTH OF SAMPLE						
780 - 855.5	Andesite: medium green, massive, carbonatized, few irregular qtz. stringers, slight pyrite.								
855.5	END.								
	DIP TESTS		,						
	140' - 48° 300' - 45°								
	600! - 26.5° 800! - 18.5°								
				·					

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Signed Signed MATTER

		OPPER MINES LIMITED						
LOCATIONL		CORE LOCATION CORE She	ack		STARTE	D FE	ebruary 12, ebruary 25,	
		BEARING N10°W DIP 50°					16¹	
DEPTH FEET		TION	SAMPLE NO.	WIDTH OF SAMPLE	Au oz.	Ag cz		
0 - 152	Casing (overburden).							
152 - 166.5	Andesite Tuff: green wit	h light grey lapilli,						
	schistose @ 45° to core a	xis.						
	161-165 rusty fractures	after pyrite -		:				
	generally at 45°	to core axis				<u> </u>		
166.5 - 170.7	Graphitic Slate: black w	ith bedding @ 60° to c.a.		,				
	up to 15 per cent pyrite	generally as conformable						
	seams.				_			
	167 3" massive pyrite				_			
1 <u>70.7 - 321.9</u>	Andesite Tuff: green, so	histose @ 45° to c.a.,			_			
	much carbonate as stringe	rs & grains.			_			
	229 ½" conformable str.	of salmon coloured grani	te	:	<u> </u> 			
	259.1-264 felsic intrusi	ve, light grey feldspar						
	phenocrysts &	chlorite or biotite in			  -			
	matrix; diss.	pyrite & qtz. stringers						
	260-264		3-1	4.0	<u>.</u>			·
	286.4-287.1 graphitic sl				:			
	c.a, bottom	contact brecciated			-	ŢŽ.		
	<b>!</b>		1	I				

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Drilled By. Lake Superior Diamond Drilling

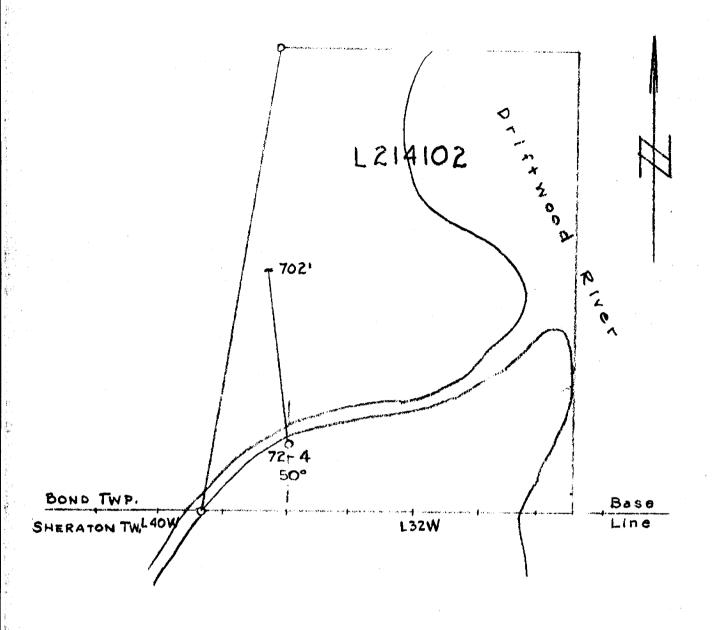
	PROPERTY		HOLE N	o. 72	-3		
	TOWNSHIP		PAGE N	<b>).</b>	2		
LOCATION	CORE LOCATION	•••••		STARTE	D		
	DATUM	·	*********	COMPLE	ETED		
	BEARING			DEPTH.			
ELEVATION	DIP			***************************************			
DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	Zn %	Pb %	Ag az.	
	314-321.9 felsic intrusive (?), grey, fine						
	grained, porphyroblasts or corroded						
	phenocrysts of white feldspar, moderate						
	pyrite dissemination						
21.9 - 606	Slate: black, bedding @ 70-85° to c.a.,						
	occasionally graphitic, slight pyrite initially		,				ļ
	as rusty seams.						
•	385-390 3% sphalerite as seams & gashes, bedding						
	@ 75° to c.a.						
	418 3" quartz carb. str. with py., minor po.					_	ļ
	453.5 6" irregular qtzcarb. vein with some py.	<u> </u>					ļ
	462 2" " " str. with pypo.						
<u> </u>	509-512.5 disuniform felsic intrusive; fine to						<b></b>
	medium grained, with quartz str.,						
	slight pyrite-pyrrhotite						
<u>k</u>	526.5-527.5 5% sphalerite in calcite seams,				,		ļ
<b>4</b>	slight chalcopyrite, bedding @ 80°				-		
	to core axis						
					1	1	1

Drilled By Lake Superior Diamond Drilling

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	HOLE NO. 72-3							
•	TOWNSHIP							
LOCATION	CORE LOCATION	*************		STARTED	)			
<b></b>	DATUM			COMPLET	ΓED			
<b>Bross</b>	BEARING			DEPTH				
ELEVATION	DIP		· ·		***************************************		•	
DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	Zn %	Pb %	Ag oz.		
	561.8-567.0 colour change from grey to black,	3-2	5.2	_				
	approx. 5% sphalerite, galena, py.							
	in seams & gashes paralleling core							
	595-600 2% sphalerite, galena, pyrite in gashes	3-3	5.0	-				
	paralleling core			_				
	600-605.5 3% sphalerite, galena, pyrite, cpy. in	3-4	5.5	-				
	gashes & seams generally paralleling			-				
	core			<del>-</del> :				
606				-				
				-	g 1 <sup>44</sup>	-		
	DIP TESTS			_				
	0 - 50°			_				
	150' - 47°			-			1	
	3001 - 440							
A	600 <b>' -</b> 18°							
	ann . = 10						<b>†</b>	
							<del> </del>	
						· · · · · · · · · · · · · · · · · · ·		

Signed SHIELD GEOPHYSICS LIMITED



DRILL HOLE LOCATION
HOLE 72-4

1" = 300'

12

	PROPERTY SEAWAY COPPER MINES LIMITED TOWNSHIP Bond Township							
St	ine 36W CORE LOCATION Camp site Station 2N DATUM BEARING N 10° W			STARTED COMPLET	Feb. Feb. Mar	E-1		
ELEVATION	DIP							
DEPTH FEET	FORMATION 1	SAMPLE NO.	WIDTH OF SAMPLE	Au/oz.	Ag/oz.	Zn % Pb	Cu %	
0 - 130	Casing.							
130 - 151.4	Andesite Tuff: dark green, fine grained, folia-							
	tion @ 50° to core axis, some granitization sug-							
	gested by white porphyroblasts.							
	148.5 - moderate pyrite as seams and clots in							
•	rusty fractures		,					
151.4 - 160.0	Slate: black, graphitic, carbonate, gashes and							
•	seams, bedding @ 50° to c.a., 15% pyrite mainly			,				
	in seams, bottom contact appears tuffaceous.							
160.0 - 168.5	Feldspar Porphyry: grey-white, fine to medium							
	grained with black mineral (tourmaline ?) ,			· <del></del> -				
	moderate pyrite dissemination.			<b></b> .				
	160 - 165	4-1	5.0					
	165 - 168.5	4-2	5.0	<del></del>				
168.5 - 208.5	Slate: black, graphitic, carbonate, 10-15% pyri	te.		 <del>-</del>				
208.5 - 215.0	Feldspar Porphyry: as above, with quartz str.	4-3	6.5					
	& slightly disseminated pyrite, pyrrhotite,			_				
-	sphalerite, galens, chalcopyrite in that order			-	v., V			
		1						

Lake Superior Diamond Drilling

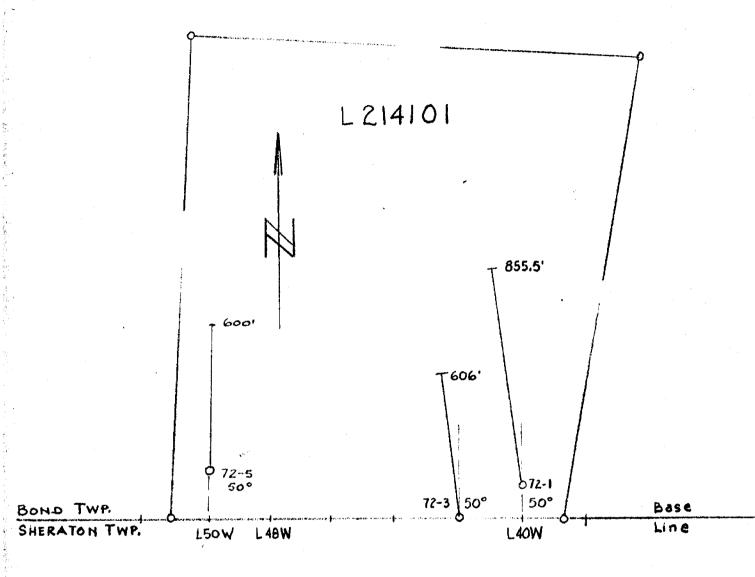
Signed 1-R STORY WORKS LIMITED

	PROPERTY							
	TOWNSHIP	PAGE NO						
LOCATION	CORE LOCATION	************************************		STARTED	)			
	DATUM			COMPLET	red	····	••••••	
***************************************	BEARING			DEPTH				
ELEVATION	DIP			, <del></del>	·			
DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE	-				
215 - 222	<u>Felsic Tuff</u> : light grey-green, foliation at 60°							
	to c.a., some porphyry, moderate pyrite.							
222 - 236.2	Slate: black, bedding @ 60° to c.a.							
	224.D - 226.3 felsic tuff es above with 2"							
	feldspar porphyry at bottom contac	i.						
•	231.6 - 234.0 felsic tuff as above with moderate							
	pyrite							
•	235.0 - 236.2 50% pyrite							
236.2 - 247.0	Feldspar Porphyry: large white phenocrysts up to							
	½" in fine grained grey-green matrix, contacts	:				· · · · · · · · · · · · · · · · · · ·		
	nonconformable, slight pyrite.							
247.0 - 254.2	Slate: graphitic, black, 10% pyrite as seams,							
	carbonate as seams and gashes.							
	251.3 - 252.5 feldspar porphyry as above						<b></b>	
254.2 - 281.5	Feldspar Porphyry: greenish-white phenocrysts							
	in fine to medium grained feldspathic matrix,							
	few qtz. stringers with slight sphalerite, galena							
	and pyrite.							

	HOLE NO. 72-4							
¢.	TOWNSHIP							
LOCATION	CORE LOCATION			STARTE	<b>)</b>	•		
	DATUM			COMPLE	TED		• • • • • • • • • • • • • • • • • • • •	
	BEARING		*********	DEPTH				
ELEVATION	DIP			*************	************	*****		
DEPTH FEET	FORMATION 1	SAMPLE NO.	WIDTH OF SAMPLE	Au/oz.	Ag/oz.			
	260 - 262.4 irregular quartz stringers with	4-4	2.4				•	
	pyrite, slight galena sphalerite			-				
81.5 - 326.7	Slate: black, bedding @ 70° to c.a., slight							
	pyrite.							
26.7 - 330.6	Feldspar Porphyry: white phenocrysts in feld-							
•	spathic matrix, slight pyrrhotite dissemination.							
	329.8 possible fine V.G. with chloritic seams	,	·					
	at 45° to c.e.			-				
30.6 - 646.7	Slate: black to grey, bedding @ 70° to c.a.,			-				
	slight pyrite.	<u> </u>						
	401.1 - 2" quartz str. with pyrite @ 70°							
	401.6 - 1" " " " " " " "					- -		
	425.7 - 427.0 5-10% sphalerits-galens in	ļ					<u> </u>	
	carbonatized section	<del> </del>					<u> </u>	
	451.0 - 453.0 seems & gashes of calcite with						-	
	sphalerite (about 5%)						ļ	
	487.0 - 646.7 graphitic with calcite seems &			: 			<del> </del>	
	5-10% pyrite.						<del> </del>	
		<u></u>			<u> </u>		<u> </u>	

PROPERTY			HOLE NO	<b>72-</b> 4				
1	TOWNSHIP		PAGE NO	<b>5.</b> 4				
LOCATION	CORE LOCATION			STARTE	)	****		
	DATUM	************						
••••	BEARING	~~B~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		DEPTH	ГН			
ELEVATION	DIP							
DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE					
	548.8 - 558.8 about 5% sphalerite as grains and							
	stringers							
	567.2 - 4" slightly brecciated zone with calcite							
	& 5-10% sphalerite-galena							
	587.6 - slight chalcopyrite							
•	637.0 - sphalerite-galena along contact of ½"		•					
	qtz. str. @ 45° to c.a.							
646.7 - 702.0	Carbonatized Intermediate Volcanic: sharp				-			
	contact @ 70° to c.a., well foliated at 70°		·					
****	to c.a., variable green, soft, perhaps tuffaceous							
	slight pyrite.							
	675 - 702 less foliation, apparently less							
	carbonate	·						
702	END.							
	DIP TESTS							
-	0' - 50°							
	300° 44°							
	600 <b>1 -</b> 20°				1			
	702' -				<u> </u>			

Signed SHIELD GEOPHYSICS LIMITED



DRILL HOLE LOCATION

HOLES 72-1 & 72-3, 72-5

1" = 300'

	PROPERTY SEAWAY COPPER MINES LIMITED		HOLE NO	o. 72-5	L'A'	
	TOWNSHIP Bond Township				V	
LOCATION	Stat. 1+30 N CORE LOCATION CORE STATE DATUM	hack		STARTED	April 15,	
	DIP 50°			DEPTH		
DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE			
0 - 190	Casing (overburden)					
190 - 420	Slate: v. fine grained, black with bedding @ 45°-70° to core axis; much fine carbonate seaming,					
	moderate pyrite dissemination as clotted seams,					
	core highly broken, initially carbonaceous					
	becoming less so deeper, occasional showings of					
	sphalerite and galera.					
	205-220 1-3% sphalerite & galena in seams, grains generally assoc. with carbonate & breccis					
	from 225 core less broken					
	243-244.5 very f. grained, grey felsic intrusive @ 30° to core exis					
	288.0 few fine seams of sphalerite in bedding '					
	planes with calcite					
	300-301.5 3% sphalerite & galena, in seams &					
	fractures					
	310.3 little sphalerite					
	313.5-317.0 grey, uniform, medium soft, fine					
	amplement Aug 5 2					- 1

Lake Superior Diamond Drilling
Drilled By.....

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	PROPERTY		HOLE N	0. 72	-5		
	TOWNSHIP						
LOCATION	CORE LOCATION			STARTE	D		
	DATUM			COMPLI	ETED		
	BEARING	RING					•••••
ELEVATION	DIP			••••		,	
DEPTH FEET	FORMATION '	SAMPLE NO.	WIDTH OF SAMPLE				
	323.5-327.3 grey, unform, medium soft, fine						
	grained tuff ?						
<u></u>	327.3-330.0 1% sphalerite-galena in seams						
	336-338 few fine seems of sphalerite-galena					ļ	
	364 sphalerite & galena in fine fracture						
<b></b>	paralleling core						
	393 little sphalerite						
420 - 450.5	Graphitic Slate: highly carbonaceous, graphitic						ļ
	fractures @ 30° to core axis, moderate pyrite,	ļ					<b> </b>
	carbonate, slight sphalerite-galens.		-				<u> </u>
	432.6-435 less than 2% diss. sphalerite						
	435-442 light coloured dragged tuff in part			<del></del>			
	graphitic						
	447.8 1/8" sphalerite seems in bedding						
50.5 - 463.0	Intermediate to Felsic Tuff: light grey to light					ļ	ļ
	green, fine grained, banded @ 80° to c.a., Highly						
	carbonatized, some carbonaceous (graphitic) section	ns.					<u> </u>
	much pyrite to 460°.						
	462 1" of sphalerite, sli. cpv. in seams	1					

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Drilled By.....

	PROPERTY		HOLE NO	72-	-5		
•	TOWNSHIP		PAGE NO	<b>).</b>	3		
LOCATION	CORE LOCATION				)		
	DATUM			COMPLET	red		
	BEARING			DEPTH		· · · · · · · · · · · · · · · · · · ·	
ELEVATION	DIP						
DEPTH FEET	FORMATION	SAMPLE NO.	WIDTH OF SAMPLE				
463 - 494.8	Intermediate Volcanic Flow: light green, massive,						
	with carbonate & qtz-filled fractures.						
94.8 - 502.2	Feldspar Porphyry: white feldspar phenocrysts in			:			
	light grey matrix as in hole 72-1.						
502.2 - 600	Intermediate Volcanic Flow: light green, very					-	
	fine grained, fractures filled with quartz, some						
	epidote, few hematitic seams,						· ·
<del></del>	502.2-507.5 few black carbonaceous sections						
600	END.						
	DIP TESTS						
•	0 - 50°						
•	200° - 47°						
*.	600° - 35°						
				-			·
						· · · · · · · · · · · · · · · · · · ·	
							<u> </u>
			<u> </u>				<u> </u>

Signed B

Drilled By.....

LX14090 525'

Bond Teop! Report # 39/13 Donald McKinnon

DRILL HOLE LOCATION
HOLE 72-7

£214090 SEAWAY COPPER MINES LIMITED HOLE NO. 72-7 PROPERTY. Bond Township PAGE NO. 1 TOWNSHIP. CORE LOCATION CORE Shack 27+60'N of B.L. April 7, 1972. LOCATION. STARTED... 135'W of L32W April 12, 1972. DATUM..... COMPLETED. BEARING N68°E 5251 DEPTH..... 50° ELEVATION..... WIDTH

FORMATION '	SAMPLE NO.	OF SAMPLE	N1%			
Casing (overburden).						
Fedspar Porphyry: large white (with pink cast)						
feldspar phenocrysts up to %" in dark green						
very fine grained hard matrix; occasional grey-				<u>.</u>		
white quartz stringers, slight pyrite, occasional						
hematite stained fractures.						
102-119 foliation and banding @ 30° to core axis						
marked by alignment of feldspar & epidote						
109.5-110 soft rusty micaceous mineral aligned						
at 25° to c.a fault?						
Diabase: very fine grained, fractured, dark						
grey-green, with moderate pyrite diss. as grains						
up to ¼".						
220	g.s.		nil			
<u>Feldspar Porphyry</u> : as above.						
287.D 6" qtz. str. with slight pyrite and						
chalcopyrite at contact @ 50° to c.a.						
Diabase: fine to very fine grained diabasic			: .			
texture; dark green, uniform.		* .				
	Feldspar Porphyry: large white (with pink cast) feldspar phenocrysts up to %" in dark green very fine grained hard matrix; occasional grey- white quartz stringers, slight pyrite, occasional hematite stained fractures.  102-119 foliation and banding @ 30° to core axis marked by alignment of feldspar & epidote 109.5-110 soft rusty micaceous mineral aligned at 25° to c.a fault?  Diabase: very fine grained, fractured, dark grey-green, with moderate pyrite diss. as grains up to %".  220 Feldspar Porphyry: as above.  287.0 6" qtz. str. with slight pyrite and chalcopyrite at contact @ 50° to c.s.  Diabase: fine to very fine grained diabasic	Casing (overburden).  Feldspar Porphyry: large white (with pink cast)  feldspar phenocrysts up to %" in dark green  very fine grained hard matrix; occasional grey- white quartz stringers, slight pyrite, occasional hematite stained fractures.  102-119 foliation and banding @ 30° to core axis marked by alignment of feldspar & epidote  109.5-110 soft rusty micaceous mineral aligned at 25° to c.a fault?  Diabase: very fine grained, fractured, dark grey-green, with moderate pyrite diss. as grains up to %".  220 g.s.  Feldspar Porphyry: as above.  287.0 6" qtz. str. with alight pyrite and chalcopyrite at contact @ 50° to c.s.  Diabase: fine to very fine grained diabasic	Casing (overburden).  Feldspar Porphyry: large white (with pink cast) feldspar phenocrysts up to %" in dark green very fine grained hard matrix; occasional grey- white quartz stringers, slight pyrite, occasional hamatite stained fractures.  102-119 foliation and banding @ 30° to core axis marked by alignment of feldspar & epidote  109.5-110 soft rusty micaceous mineral aligned at 25° to c.a fault?  Diabase: very fine grained, fractured, dark grey-green, with moderate pyrite diss. as grains up to %".  220 g.s. Feldspar Porphyry: as above.  287.0 6" qtz. str. with slight pyrite and chalcopyrite at contact @ 50° to c.s.  Diabase: fine to very fine grained diabasic	Casing (overburden).  Fedspar Porphyry: large white (with pink cast)  feldspar phenocrysts up to %" in dark green  very fine grained hard matrix; occasional grey— white quartz stringers, slight pyrite, occasional hematite stained fractures.  102-119 foliation and banding @ 30° to core axis marked by alignment of feldspar & epidote  109.5-110 soft rusty micaceous mineral aligned at 25° to c.a fault?  Diabase: very fine grained, fractured, dark grey-green, with moderate pyrite diss. as grains up to %".  220 q.s. nil  Feldspar Porphyry: as above.  287.0 6" qtz. str. with slight pyrite and chalcopyrite at contact @ 50° to c.s.  Diabase: fine to very fine grained diabasic	Casing (overburden).  Feldspar Porphyry: large white (with pink cast)  feldspar phenocrysts up to %" in dark green  very fine grained hard matrix; occasional grey- white quartz stringers, slight pyrite, occasional hematite stained fractures.  102-119 foliation and banding @ 30° to core axis marked by alignment of feldspar & epidote  109.5-110 soft rusty micaceous mineral aligned at 25° to c.a fault?  Diabase: very fine grained, fractured, dark grey-green, with moderate pyrite diss. as grains up to %".  220  g.s. nil  Feldspar Porphyry: as above.  287.0 6" qtz. str. with slight pyrite and chalcopyrite at contact @ 50° to c.a.  Diabase: fine to very fine grained diabasic	Casing (overburden).  Feldspar Porphyry: large white (with pink cast)  feldspar phenocrysts up to %" in dark green  very fine grained hard matrix; occesional grey- white quartz stringers, slight pyrite, occesional hematite stained fractures.  102-119 foliation and banding @ 30° to core axis  marked by alignment of feldspar & epidote  109.5-110 soft rusty micaceous mineral aligned  at 25° to c.a fault?  Diabase: very fine grained, fractured, dark grey-green, with moderate pyrite diss. as grains up to %".  220  g.s. nil  Feldspar Porphyry: as above.  287.0 6" qtz. str. with alight pyrite and chalcopyrite at contact @ 50° to c.a.  Diabase: fine to very fine grained diabasic

Drilled By... Lake Superior Diamond Drilling

	PROPERTYTOWNSHIP		HOLE NO	72 <b>-</b>	7 2	
LOCATION	CORE LOCATION			STARTED	)	
<b>b</b>	DATUM			COMPLET	red	 •••••
	BEARING		**********	DEPTH	·	 
ELEVATION	DIP		*******	•••••		 
DEPTH FEET	FORMATION .	SAMPLE NO.	WIDTH OF SAMPLE			
387 - 489	Feldspar Porphyry: as above with contact at 30°					 
	to core axis.					 
	460 ¼" pink qtz-feldspar stringer @ 15° to c.a.					 ļ
	with pyrite and chalcopyrite					 
	475-476,5 barren white quartz vein					 
489 - 510.2	Diabase: altered; porphyritic; fine to medium					 ļ <u>.</u>
	grained diabasic texture of dark green matrix					 
	slight pink cast.	<u> </u>				 
10.2 - 525	Feldspar Porphyry: as above.					 
		<u> </u>				 ļ
525	END.					
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Lake Superior Diamond Drilling

Signed SHIELD GEOPHYSICS LIMITED