



52E10SW8537 14 SHOAL LAKE

010

## Diamond Drilling

Area of SHOAL LAKE

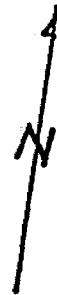
Report N<sup>o</sup> 14

Work performed by: Phelps Dodge Corporation

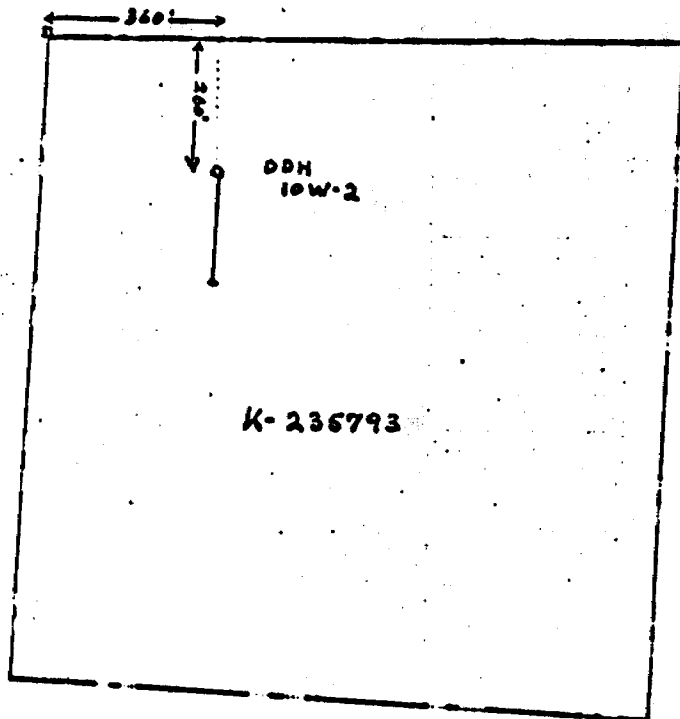
Claim N <sup>o</sup>	Hole N <sup>o</sup>	Footage	Date	Note
K 235793	10-10-2	309.0'	Aug/70	

Notes:

14



Scale 1" = 400'



DBH-10W-2 is 260' S  
+ 360' E of  
#4 post K-235993

# 13/71 Shad Lake Area  
Phelps Dodge Corp. Plans

CLAIM NO. K-235793

## DIAMOND DRILL RECORD

PROPERTY Shoal LakeHOLE NO. 10 W-2LATITUDE 4+50 S

ELEVATION

BEARING 175°DEPTH 309'STARTED Aug1970COMPLETED Aug1970DEPARTURE 12 ESECTION 12 EDIP 45° grid SDRILLED BY Fathom DrillingLOGGED BY P. Clark

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS		
						cu	zn	Ag
0-43	Casing.							
43-146½	Carbonatized Dacite Uniform slightly schistose light grey volcanic Fine streaks + disseminations of po. py ≈ 1%-2% common throughout, and narrow schist zones carry 10% po. 5% py at 114' + 134'. Trace of cpy at 79.5' Brecciated dacite 146'-146½' Core angle 35° at 114', 30° at 134'.							
146½-151½	Schistose Dacite with sulfide. Sheared + contorted zone carrying 20% po. 10% py on schistosity with heavier sulfide layers enclosing rolled fragments of dacite. Minor cpy occurs in fg. borders on some pebbles and as fine late stringers crossing foliation.	TB-378	146½	151½	5'	.04	.17	tr



CLAIM NO. ....

## DIAMOND DRILL RECORD

PROPERTY

Shel.

HOLE NO.

89-1242

LATITUDE

ELEVATION

BEARING

DEPTH

STARTED

COMPLETED

DEPARTURE

SECTION

DIP

DRILLED BY

LOGGED BY

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS		
						Ca	Zn	Ag
	intersections with the po streaks.							
	Core angle schistosity = po 40° (vertical)	TB-379	237½	242½	10'	56	.21	hr
	" " core fracture = cpy 40° (horizontal)							
	Lamination plunges 60° SW on vertical slices							
246½ - 247½	Schistose Dacite.							
247½ - 271	Slightly schistose contactated Dacite v.f.g. disse. po ≈ 1/2% of section. Core angle 35° at 263'							
271 - 277	Graphitic pyroclastic schist. Sheared + contactated graphitic schist with long po. streaks + nodules. Some pyrite cc. impurities po. + very minor cpy + sph. occasional features.							
277 - 286	Dacite cut by several narrow shears with minor poi + traces of sph.							



CLAIM NO. 235791

## DIAMOND DRILL RECORD

PROPERTY

Project 83

#12

HOLE NO. 1011-1

LATITUDE C. 70 S

ELEVATION

BEARING

Grid North

DEPTH 351'

STARTED

August 27/70

COMPLETED

Sept. 1, 70

DEPARTURE

6100 E

SECTION

DIP

-45°

DRILLED BY

F. Allen Silling

LOGGED BY

A. Philipp

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS			
0 - 46'	Casing								
46 - 90'	massive, fractured basic lapillstone. Altered zones. Fragments more intermediate in composition. pyroclastic + pyrite seams, usually in fractures, a red fragment, especially from 57 - 90'.								
90 - 96.5'	Tuffaceous, thinly bedded acid lapillstone. Beds at 45° to core axis. Seams of pyrite + pyroclastic, minor chalcoprite in tight fractures. Lower contact sharp at 30° with acid volcanic.								
96.5 - 142.5'	massive, slightly banded buff siltstone. Intermittent narrow shear zones, probably slightly tuffaceous, fragmental, carrying seams + stringers of pyroclastic + pyrite. Sulphides at: 120 - 121'; 127' - 130'.								
142.5 - 149'	acid fragmental with narrow graphitic zones, carrying sulphides. 142.5' - 143.5' graphitic fragmental with pyroclastic + pyrite seams. 145' - 149' strongly graphitic for top 2 feet with about 40% sulphides, as mainly pyroclastic, some pyrite, minor chalcoprite.								

CLAIM NO. ....

**DIAMOND DRILL RECORD**

PROPERTY .....

HOLE NO. *104-1*

LATITUDE .....

ELEVATION .....

BEARING .....

DEPTH .....

STARTED .....

COMPLETED .....

DEPARTURE .....

SECTION .....

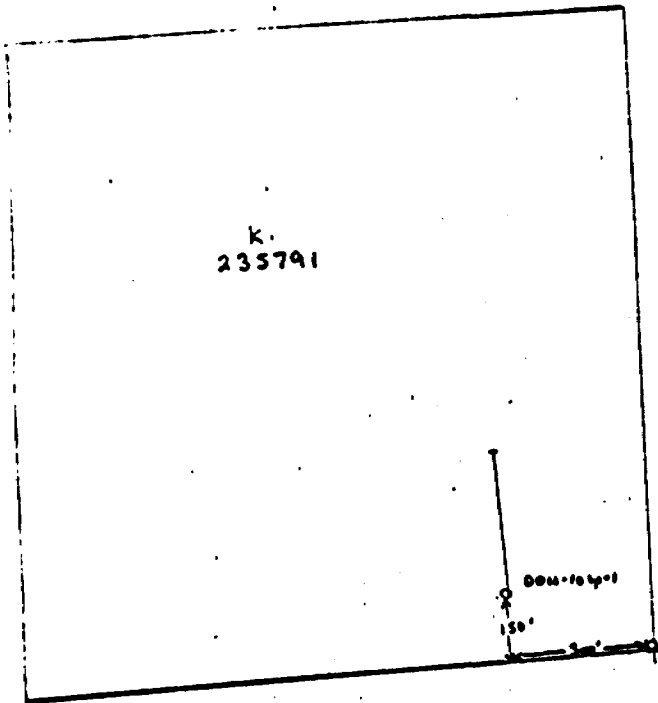
DIP .....

DRILLED BY .....

LOGGED BY *A. P.*

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS		
						<i>cu</i>	<i>zn</i>	<i>pb</i>
149-267'	Basic, lightly altered, green - diopside - biotite schist and lapillistone. Well bedded, beds near 170' at 35% CA. Odd sections very schistose with abundant biotite, usually parallel to core axis.							
195' - 246'	Fine grained massive carbonate - diopside rock.							
246' - 267'	changing to carb. biotite - quartz schist, containing much sulphides as pyrrhotite, minor chalcopyrite.	TB-381	252'	262'	10'	.06	.16	dr.
262' - 267'	bottom lightly graphitic with much pyrrhotite							
267-351'	Massive basic rock. Intermittent narrow sections showing lapillistone in green, garnetiferous matrix.							
351'	End of hole.							
	<i>P. J. Clarke.</i>							





Scale 1" = 400'

DDH-10-W-1  
is 150' North + 300' W of  
#2 post claim K-235791