

COLLAR

North 0+90) West Coast
 East 4+85) Coordinates
 Elevation 4580
 Azimuth 240°
 Dip -60
 Logged By M. R. Swanson

93 N
 Nation Copper

812775

Hole No. 137-71-1
 Commenced July 2, 1971
 Finished July 5, 1971
 Purpose Of Hole Test Night Hawk Zone

DIAMOND DRILL RECORD

FROM	TO	DESCRIPTION	CORE LENGTH				ASSAYS				ACCUMULATIVE AVERAGES			
			FROM	TO	ACC WIDTH	SAMPLE NO.	AU OZ.	AG OZ.	% CU		AU W	AG W	CU W	
0	114	Coarse grain diorite; slightly magnetic intensely fractured with grains healed by chlorite. Secondary biotite and magnetic associated with hornblende. Later calcite occurs along open joints. A second stage quartz also occurs as veinlets which cut an earlier quartz-K-spar-epidote veins.												
114	155 ⁵	Same rock with intermitent local shearing with chloritic slickened sides and 1 to 1 1/2 inches of offset on the quartz veins.												
155 ⁵	158 ⁰	Same rock with altered epidote-quartz-K-spar vein with small speck of chalcopryrite.												
158 ⁰	175 ⁰	Same rock with intermitent shearing becoming less frequent.												
175 ⁰	184 ⁵	Hornblende porphyritic andesite dike with calcite filled fractures and chloritic slickened sides.												
184 ⁵	226 ⁰	Coarse grain diorite well fractured propylitic alteration with feldspars partially altered to sericite. Intermitent shears with 1 1/2 inch offsets. Small calcite stringers earlier than shears. Small K-spar zones 1 to 6 inches wide along joints.												
226 ⁰	227 ⁵	Fault zone: chloritized with 15% sulfides chalcopryrite and pyrite.	224	229	5'	711			1.62					5' @ 1.62

