



42A07NE0239 16 SHERATON

010

## Diamond Drilling

Township OF SHERATON

Report N<sup>o</sup>: 16

Work performed by: R. JARVI & CARD LAKE COPPER MINES LTD.

Claim N <sup>o</sup>	Hole N <sup>o</sup>	Footage	Date	Note
P 327531	2	452'	Sept/72	(1) (2)

### Notes:

- (1) 206/72 -- R. Jarvi first 170'
- (2) 221/73 --Card Lake last 280'

SKETCH PLAN  
DIAMOND DRILL HOLE No. 21  
SHERATON Twp.  
S.W. 1/4 of S 1/2 Lot 2, Cont. 2.

B.N. 040

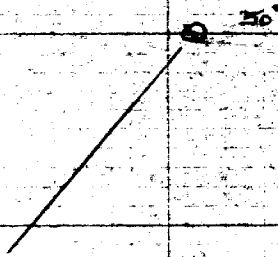
10 + 00 N

8 N

6 N

4 N

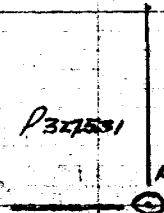
2 N



SCALE  
1" = 200'

P321531

No. 2 POST



Hole No. 2 DIAMOND DRILL LOG [REDACTED] Property \_\_\_\_\_  
 Location Aheraton Dwp Bearing WEST Angle 50° Start Sept. 3<sup>rd</sup> 72 Finish Sept. 7<sup>th</sup> 72 Date Sept. 10<sup>th</sup> 72 By A. KONIG  
 Coordinates N. LINE 10N E. 2+27E Elevation \_\_\_\_\_ Coaling 125' Tests \_\_\_\_\_

From	To	Description	Alteration	Structure	Sample	From	To	Feet	Assays
0	125	CASING.							
125	159	ANDESITE - medium grey, fine grained essentially massive. Little variation throughout intersection.	chlorite-sericite.	Essentially massive.					
		Occasional vadosal qtz carb. stringers	minor silicification						
		Chlorite-sericite alteration throughout, minor silicification adjacent to qtz veins and stringers.							
		Fine flecks of pyrite and pyrrhotite weakly disseminated throughout intersection, but more predominant at the margins and within qtz veins.							
		~139 porphyritic.							
		Irregular qtz vein at 140-141, and 142.5							
		Silicification 151-152 and NB. pyrite and pyrrhotite.							
		Contact with unit below not clearly defined.							
159	201	CHLORITE-SERICITE SCHIST - medium grey-green, fine grained. Numerous qtz and qtz carb. stringers present throughout - some parallel and some cutting the plane of schistosity. Schistosity strongly developed to 181 ft. and consistently at an acute angle.	chlorite-sericite. minor silicification	Schistose.					

206/72 Aheraton Dwp

KONIG

PROPERTY Raino Jarvi HOLE NO. 2



SKETCH PLAN

DIAMOND DRILL HOLE NO. 2

SHERATON TWP.  
SE 1/4 of S 1/2 LOT 2 CON. 2.

12+00N

10+00N

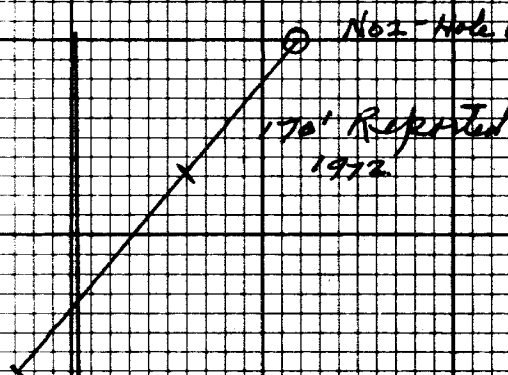
8+00N

6+00N

4+00N

2+00N

1+00N



SCALE 1" = 200'

P<sub>3</sub> 27531



176'

CORE LOGGED FOR J. JOHNSON.

Hole No. \_\_\_\_\_ DIAMOND DRILL LOG

Property SHERATON TWP.

Location \_\_\_\_\_ Bearing \_\_\_\_\_ Angle \_\_\_\_\_ Start \_\_\_\_\_ Finish \_\_\_\_\_ Date \_\_\_\_\_ By \_\_\_\_\_  
 Coordinate \_\_\_\_\_ E. \_\_\_\_\_ Elevation \_\_\_\_\_ Casing \_\_\_\_\_ Tests \_\_\_\_\_

From	To	Description	Alteration	Structure	Sample	From	To	Feet	Assays
0	125	CASING IN OVERBURDEN.							
125	159	ANDESITE - medium grey, fg., essentially massive and little variation throughout intersection. Occasional random qtz. carb. stringers. Chlorite, sericite alteration throughout, also minor silicification particularly adjacent to qtz. veins and stringers. Fine flecks of pyrite and pyrrhotite weakly disseminated throughout intersection, but more predominant at the margins and within qtz. veins. - Porphyritic at 139' - Irregular qtz. veining at 140-141, and 142.5 - Silicification and Nb. pyrite + pyrrhotite 151-152. Contact with unit below not clearly defined.							
159	198	CHLORITE - SERICITE SCHIST - med. grey-green, fg., numerous qtz. and qtz. carb. stringers present throughout as above - some parallel to, and some cutting the schistosity plane. Schistosity strongly developed at 181' and consistently at an acute angle (65° to 75°) to the core axis. Chlorite-sericite alteration, also minor silicification adjacent to qtz.							

PROPERTY \_\_\_\_\_

HOLE NO. \_\_\_\_\_

Hole No. \_\_\_\_\_ DIAMOND DRILL LOG \_\_\_\_\_ Property \_\_\_\_\_

Location \_\_\_\_\_ Bearing \_\_\_\_\_ Angle \_\_\_\_\_ Start \_\_\_\_\_ Finish \_\_\_\_\_ Date \_\_\_\_\_ By \_\_\_\_\_

Coordinate \_\_\_\_\_ E \_\_\_\_\_ Elevation \_\_\_\_\_ Casing \_\_\_\_\_ Tests \_\_\_\_\_

From	To	Description	Alteration	Structure	Sample	From	To	Feet	Assays	
159	198	Continued:- shingles. Very finely disseminated sulphides mostly pyrite frequently visible. Decrease in degree of schistosity from 181' but lamination persists. Blochy appearance at 179 - sh. carb alteration?							Ozs./ton Au.	
					1099	186	187	1	0.01	
198	229	META-AMPHIBOLITE - grey-green, mg., fairly strong lamination and mottled turning to. Sincite-calcite alteration, also moderate silicification (sh. carb) 200-217 massive epidote alteration. (200-201 core ground). 215-225 somewhat darker Possibly spheerulitic at 221' minor finely disseminated sulphides occasional, sinite.								
229	241	BIFURCATE - med. grey, mg., rather friable. coarse sulphides visible. Possibly and altered (amphiphyre). 230-231, 234-234 core ground.				1100	235	236	1	Nil, 0.01% Cu 10/23
241	264	NOTICED MET-AMPHIBOLITE - med. to pale veg, foliated and altered. Calcite- Sincite + sh. carb. alteration, including possibly a manifestation of primary				1325	261 1/2	262 1/2	1	Nil.

Hole No. \_\_\_\_\_ DIAMOND DRILL LOG \_\_\_\_\_ Property \_\_\_\_\_

Location \_\_\_\_\_ Bearing \_\_\_\_\_ Angle \_\_\_\_\_ Start \_\_\_\_\_ Finish \_\_\_\_\_ Date \_\_\_\_\_ By \_\_\_\_\_

Coordinates N \_\_\_\_\_ E \_\_\_\_\_ Elevation \_\_\_\_\_ Casing \_\_\_\_\_ Tests \_\_\_\_\_

From	To	Description	Alteration	Structure	Sample	From	To	Feet	Assays
241	264	Continued:- porphyry. Possible dx. 255-256 White 'bull' qtz. at 255, 256-257. Core ground 251-252, 263-264.							
264	305	ARGILL. SLATES - Dark grey, fg., well banded water lain material - lamination acute to core axis. Cubes of p. intc occasionally visible. Few qb. carb. stringers randomly cut the bedding. Lower contact intercalated with med. grey, fg. matrix andesite - not as highly altered as volcanics described above.							
305	318	ANDESITE - Massive, med. grey, fg., minor qb. carb. and sericite alteration. Numerous qb. carb. stringers. NB. visible mineral (p. intc + pyroxite) 315-318.			1346	315	318	3	Nil.
318	325.5	QTZ. F-SPTX PORPHYRY? Possible intrusive? Med. to pale grey, fg., but with abundant white large p. pyroblasts. Occasional quite coarse p. intc visible.							
325.5	332	ANDESITE - med. to dark grey, fg., becoming mg. and alt. med. (calcite + sericite) ~ 330 325.8 - 330 ground.							

PROPERTY \_\_\_\_\_ HOLE NO. \_\_\_\_\_



Hole No. \_\_\_\_\_ DIAMOND DRILL LOG \_\_\_\_\_ Property \_\_\_\_\_

Location \_\_\_\_\_ Bearing \_\_\_\_\_ Angle \_\_\_\_\_ Start \_\_\_\_\_ Finish \_\_\_\_\_ Date \_\_\_\_\_ By \_\_\_\_\_  
 Cordina N \_\_\_\_\_ E \_\_\_\_\_ Elevation \_\_\_\_\_ Casing \_\_\_\_\_ Tests \_\_\_\_\_

From	To	Description	Alteration	Structure	Sample	From	To	Feet	Assays
325.5	352	Continued -- NB. Log. veining old mineral 340-344, and 2" massive pyrrhotite-pyrite 343.5			1327	342	344.5	2.5	Nil.
352	366	ARGILL. SLATES - same as 264-305							
366	369	ANDESITE - massive, altered, as 305-318							
369	372	ARGILL. SLATES - same as 264-305							
372	391	Intercalated ANDESITE and ARGILL. SLATES.							
391	452	Possible volcanic - ALTERED ANDESITE ?? Shale and highly altered. Rock is not grey-green and streaked - this results from silicification together with a masswetting and chloritization. Minor finely disseminated sulphides occasionally visible. 445-452 possible altered breccia - not as finely streaked (fractured) and what appears to be volcanic frags present.							
	452	END OF LOG.							
<p>Logged for J. Johnson by A. Kowig November 1972.</p>									