DRILL HOLE RECORD

LEVEL		BEARING / DIP / TYPE OF SURVEY	CORE SIZE: NQ
LOCATION: Ashnola		COLLAR: Vertical	LENGTH: 340'
ELEVATION			COMPLETED: Aug. 15, 1972
LATITUDE: 9,980	N	811824	~~PURPOSE~~ Started: Aug. 12, 1972
DEPARTURE: 10,770	E		TOTAL RECOVERY

HOLE No. 72-5
SHEET No. 1 of 5
LOGGED BY: G. Foye
Aug. 13, 1972

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION OF ROCK TYPES	DRILL HOLE	MINERALIZATION AND STRUCTURES	ESTIMATED % OF SULPHIDES
0	20'	Overburden. Casing to 20'			
20	340	Class 4 altered rhyolite			
		20-30' The rhyolite exhibits quartz veining and smaller sized quartz phenocrysts. Oxides occur along fractures and as disseminations. Rock is a dark gray colour. The core is quite broken and the recovery is poor		Only very minor pyrite. No other sulphides visible	
		30-40' Recovery is still very poor		Only a trace of pyrite	
		40-50' 41.5'-45' Very fine grained white rhyolite. Occasional quartz phenocrysts. Softer than the other rhyolite. The rest of the interval is a typical class 4 rhyolite, quite fractured in places.		Spots of malachite in the softer rhyolite. Pyrite still quite minor but increasing slightly.	
		50-60' An increase in iron oxides - otherwise the same rock type		A trace of MoS_2 along with minor pyrite. A little calcocite.	
		60-70' Core recovery up to 100%		Pyrite gradually increasing. Occurs finely disseminated on fractures and as veins	

ASSAYS

SAMPLE NO.	FROM	TO	WIDTH	REC.	% CU	% ~~ZN~~ Mo	OZS. AU	OZS. AG	GROUPED AVERAGE
31876	20	30	10		<.01	<.001			
77	30	40		4.8	<.01	<.001			
78	40	50		8.2	<.01	<.001			
79	50	60		9.4	.02	<.001			
80	60	70		10.0	.02	<.001			
81	70	80		10.0	.02	<.001			
82	80	90		8.8	.03	<.001			
83	90	100		8.5	.03	<.001			
84	100	110		9.0	.03	<.001			
85	110	120		10.0	.04	.002			
86	120	130		6.6	.04	.002			
87	130	140		7.0	.03	<.001			
88	140	150		9.4	.03	<.001			
89	150	160		8.2	.09	<.001			
90	160	170		4.8	.11	<.001			
91	170	180		6.6	.20	<.001			
92	180	190		10.0	.20	.001			
93	190	200		9.6	.11	.001			
94	200	210		7.8	.09	.005			
95	210	220		4.6	.09	.002			
96	220	230		9.4	.15	.002			
97	230	240		10.0	.14	.001			
98	240	250		10.0	.11	.001			
99	250	260		9.5	.20	.001			
31900	260	270		10.0	.13	.001			
31951	270	280		10.0	.26	.001			
52	280	290		9.8	.20	.001			
53	290	300		10.0	.14	.001			
54	300	310		10.0	.13	.001			
55	310	320		10.0	.13	.001			
56	320	330		9.8	.09	.001			
31957	330	340	10	10.0	.08	.001			

RECOVERY

RUN	MEASURED
23	
26	1.0
28	1.5
30	1.4
31.5	1.0
36.5	3.4
41.5	0.8
47	5.3
56	8.2
60	4.8
64	4.0
65.5	1.5
68	2.5
72	3.5
74	2.0
77	3.0
79	2.0
83	4.0
88	4.3
90.5	1.8
93.2	1.8
95	1.8
102	6.0
105	2.6
106.8	1.3
110	3.2
113	3.0
116.5	3.1
118.5	2.0
122.5	4.0
123.5	2.8
126	0.5
132.5	0.5
134.5	1.8
139	4.1

DRILL HOLE RECORD

LEVEL	BEARING DIP TYPE OF SURVEY	CORE SIZE	HOLE No. 72-5
LOCATION	COLLAR	LENGTH	SHEET No. 2 of 5
ELEVATION		COMPLETED	LOGGED BY:
LATITUDE N		PURPOSE	
DEPARTURE E		TOTAL RECOVERY	

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION OF ROCK TYPES	DRILL HOLE	MINERALIZATION AND STRUCTURES	ESTIMATED % OF SULPHIDES	ASSAYS SAMPLE NO.	FROM	TO	WIDTH	REC.	% CU	% ZN	OZS. AU	OZS. AG	GROUPED AVERAGE	RECOVERY RUN	MEASUR
		70-80' Iron oxides quite abundant.														139	
																146	6.6
																149	2.8
		80-90' Iron oxides still very prominent - a little more disseminated throughout the rock rather than being predominantly on fractures		Not much pyrite - most of it has been oxidized												154	4.0
																156.5	2.2
																164.5	6.4
																174	1.6
																177	3.0
																182.2	5.2
		90-100'														187	4.8
		90.5'-91.5' Soft and crumbly		Pyrite much more abundant especially around 94'-96'. Also a little calcocite												191.5	3.8
																197	5.5
																199.2	2.2
																202.5	2.5
																207	3.7
		100-110' Same rock type. Iron oxides decreasing slightly														209.7	2.0
																211	0.9
																214	1.5
		110-120'		Pyrite veining increasing somewhat. Less oxidation												215.5	0.3
																218	1.6
																221	0.5
																222.2	1.8
		120-130' very poor recovery. Quite a lot of ground core.														224.5	2.0
																229	4.6
																234.5	5.1
		130-140' Recovery is still relatively poor.		A little bornite ? as well as chalcocite												237	2.5
																238	1.0
																242	4.2
		140-150' Iron oxides rapidly decreasing. Quartz veining rather abundant		A few inches of gouge around 149'. Pyrite still relatively minor - occurs mainly on fractures.												246	3.6
																251.5	5.5
																255.5	3.4
																258	2.5
																259	0.8
																260	1.0
																263.5	3.0
																268	5.0

DRILL HOLE RECORD

LEVEL	BEARING DIP TYPE OF SURVEY	CORE SIZE	HOLE No. 72-5
LOCATION	COLLAR	LENGTH	SHEET No. 3 of 5
ELEVATION		COMPLETED	LOGGED BY:
LATITUDE N		PURPOSE	
DEPARTURE E		TOTAL RECOVERY	

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION OF ROCK TYPES	DRILL HOLE	MINERALIZATION AND STRUCTURES	ESTIMATED % OF SULPHIDES
		150-160' From 156' is a softer more porous rhyolite. Limonites relatively minor		A little gouge around 156'. No mineralization seen in the porous interval	
		160-170' Very poor recovery (<50%)		A small amount of chalcocite	
		170-180' Relatively poor recovery again. Just a trace of iron oxides. Core is quite competent. The rock is quite uniform. There are a few quartz phenocrysts but quartz veining still common.		Pyrite slightly more abundant. Increase in disseminated pyrite especially.	
		180-190' No iron oxides		Pyrite continues to increase slightly.	
		190-200' Some fractures are chloritized. Trace of limonites around 198'		A little more chalcocite occurs as coatings on pyrite	
		200-210' Some iron oxide around 202'			
		210-220' Very poor recovery. The core is all quite broken. Traces of limonites.		Gouge around 216-217'	
		220-230'		A little chlorite on some fractures. Chalcocite continues to occur as coatings on pyrite	

ASSAYS: SAMPLE NO.	FROM	TO	WIDTH	REC.	% CU	% ZN	OZS. AU	OZS. AG	GROUPED AVERAGE

RECOVERY: RUN	MEASURED
268	
272.3	4.0
276.3	4.0
280	3.7
287	6.8
291	4.0
292.5	1.2
294.5	2.0
296	1.5
299.8	3.8
304	4.2
307	3.0
311	4.4
315.5	4.5
322.8	7.3
324.8	2.0
330.5	5.5
336	4.8
340	4.5

DRILL HOLE RECORD

LEVEL	BEARING DIP TYPE OF SURVEY	CORE SIZE	HOLE No. 72-5
LOCATION	COLLAR	LENGTH	SHEET No. 4 of 5
ELEVATION		COMPLETED	LOGGED BY:
LATITUDE N		PURPOSE	
DEPARTURE E		TOTAL RECOVERY	

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION OF ROCK TYPES	DRILL HOLE	MINERALIZATION AND STRUCTURES	ESTIMATED % OF SULPHIDES	ASSAYS SAMPLE NO.	FROM	TO	WIDTH	REC.	% CU	% ZN	OZS. AU	OZS. AG	GROUPED AVERAGE	RECOVERY RUN	MEASUR
		230-240' Rock quite vuggy in places. Limonites have virtually disappeared.		Chalcocite more abundant in the area of 236'-237'. Possibly a little bornite also.													
		240-250' Rock is still class 4 altered rhyolite. Quartz veining prominent but pyrite veining is relatively minor - pyrite occurs mainly along fractures. Good recovery once again															
		250-260' Chlorite occurs on some fractures		Slightly more chalcocite again. Pyrite seems to be more abundant along fractures.													
		260-270' Rock type quite consistent. Almost no quartz phenocrysts		270' - 2" of gouge.													
		270-280'		Near vertical fracturing quite common.													
		280-290' Core is quite competent. Quartz veining no longer quite so prominent, however, fine stringers of quartz are common		Minor chalcocite on pyrite													
		290-300' Rock is considerably more broken. Some chlorite present again															
		300-310 No change		Pyrite not quite so common on fractures													

DRILL HOLE RECORD

LEVEL	BEARING DIP TYPE OF SURVEY	CORE SIZE	HOLE No. 72-5
LOCATION	COLLAR	LENGTH	SHEET No. 5 of 5
ELEVATION		COMPLETED	LOGGED BY:
LATITUDE N		PURPOSE	
DEPARTURE E		TOTAL RECOVERY	

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION OF ROCK TYPES	DRILL HOLE	MINERALIZATION AND STRUCTURES	ESTIMATED % OF SULPHIDES
		310-320' Rock is quite competent and uniform, slightly vuggy in places		Pyrite more abundant	
		320-330' Most of the rock is quite brecciated with softer material separating the fragments		Less pyrite once again	
		330-340' 335.5'-338'. A softer, grey rock with small quartz phenocrysts. A dyke?		No mineralization in the dyke? rock	

ASSAYS SAMPLE NO.	FROM	TO	WIDTH	REC.	% CU	% ZN	OZS. AU	OZS. AG	GROUPED AVERAGE	RECOVERY RUN	MEASUR'D