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Kaaterskill Exploration *Geochemistry • Petrology • Structural Analysis*

691 ROBINSON DRIVE • PRESCOTT, ARIZONA 86303 • 602/778-5321

DRAFT

DUPLICATE

PROPERTY EXAMINATION REPORT December 12, 1990

PROPERTY NAME: Roadside Mine Lease

PRIORITY: high **COMMODITY:** gold

EXAMINED BY: P. O'Hara

REPORT REQUESTED BY: Ivy Minerals Inc.

AMS SHEET: Kingman **TOPOGRAPHIC MAP:** Davis Dam 7.5' (AZ–NEV)
Union Pass 7.5', Burns Spring 7.5' and Spirit Mountain 7.5' (AZ–NEV) (figure 1)

DISTRICT: Katherine **COUNTY:** Mohave **STATE:** Arizona

TOWNSHIP,RANGE,SECTION: T21N/R21W/S 1, 2, 3, 10, 11, 12, 13, 14, 24
T22N/R21W/S 25, 26, 27, 34, 35, 36
T21N/R20W/S 4, 6, 7, 18

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Discher-Wall Drilling Co. Inc.

PAGE 26-1

PROJECT: ROADSIDE DDH # RSM-26 BEARING: _____ DIP: _____ TD: 785

LOGGED BY: B. HILLEMEYER DATE: 11-21-87 SCALE: _____ CORE SIZE: _____

FOOTAGE	RQD %	ROCK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu
0	20 40 60 80 100									
10			yellow-orange → red, flinty rhyol.							
			as but variegated.							
			Grey, pink and white rhyol. frags.							
20			Pinkish rhyol. w/ maroon frags. Mix rhyol tx.							
			variegated rhyol frags. often flinty and jasperoid							
30										
40										
50										
60										

Fischer-Wall Drilling Co. Inc.

PAGE 26-2

PROJECT: RSM DDH # RSM-26 BEARING: _____ DIP: _____ TD: 285'

LOGGED BY: B.H DATE: _____ SCALE: _____ CORE SIZE: _____

FOOTAGE	RQD %	ROCK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu		
	20 40 60 80 100											
			as w/ alt rhyol tuff									
70			NO SAMPLE TAKEN									
80												
90												
100												
110												
120												
130												

Discover- Well Drilling

PAGE 26-3

PROJECT: ROADSIDE DDH # RSM-26 BEARING: DIP: TD: 285

LOGGED BY: B. H. DATE: SCALE: CORE SIZE:

FOOTAGE	RQD %	ROCK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu	
30	20 40 60 80 100										
10											
50											
160											
70											
80											
90											

Discher- Wall Drilling Co. Inc.

PROJECT: PSM DDH # PSM-26 BEARING: ____ DIP: ____ TD: ____

LOGGED BY: B.H. DATE: ____ SCALE: ____ CORE SIZE: ____

FOOTAGE	RQD % (20 40 60 80 100)	ROCK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu
200										
210										
220										
230										
240			Strongly altered (strong arg., propylitic), pyritic pfgr.	Strong argil. prop.						
250										
260										

Fischer-Wall Drilling Co. Inc.

PAGE 265

PROJECT: RSM DDH # RSM-26 BEARING: DIP: TD: 265

LOGGED BY: B.H. DATE: SCALE: CORE SIZE:

FOOTAGE	RQD %	ROCK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu		
260	20 40 60 80 100											
			DECREASING PYRITE W/ DEPTH.									
270												
280												
			T.D.									
290												

Fischer-Watt Drilling Co. Inc.

ROTARY WET PAGE 27-1

PROJECT: ROADSIDE DDH # RSM-27 BEARING: ____ DIP: ____ TD: 225

LOGGED BY: D. HILLEMEIER DATE: 11-21-87 SCALE: ____ CORE SIZE: ____

FOOTAGE	RQD % (-20 +40 -60 -80 +100)	ROCK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu
0			RED/BROWN REGOLITH							
			NO SIGN, VEINING OR ALTERATION.							
			aa							
10			aa							
			aa w/ thin epid. v. frac. fillings							
20			Weakly alt and Fe-st. pt gv.							
			aa							
30			aa w/ min. qv. bx							
			aa							
40			aa							
			aa							
50			aa, but more qv-bx and Fe-st.							
			prod. Fe-std qv bx							
60			wholesale qv.							

Fischer-Watt Mining Co. Inc.

PAGE 27-2

PROJECT: RSM DDH # RSM-27 BEARING: ____ DIP: ____ TD: ____

LOGGED BY: B. H DATE: ____ SCALE: ____ CORE SIZE: ____

FOOTAGE	RQD% (-20, -40, -60, -80, -100)	ROCK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu	
			aa								
70			Fault - gouge zone hem com bx,								
			qtz-rich gr. + minor bx aa. wk chlor alt.								
80			aa								
			aa								
90			aa								
			alt gran and q-bx								
100			q-rich gr. NO SIGN VEINING								
110											
120											
130											

Discover- Wall Drilling Co. Inc.

PAGE 27-3

PROJECT: ROMPSIDE DDH # RSM-27 BEARING: _____ DIP: _____ TD: _____

LOGGED BY: B. Hillemeyer DATE: _____ SCALE: _____ CORE SIZE: _____

FOOTAGE	RQD %	ROCK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu	
130	20 40 60 80 100										
140											
150											
160											
170											
180											
190											

Fischer-Watt Mining Co. Ltd.

PAGE 27 4

PROJECT: RSM DDH # RSM-27 BEARING: DIP: TD: 225

LOGGED BY: B.H DATE: 11-21 SCALE: CORE SIZE:

FOOTAGE	RQD %	ROCK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	AG	PB	ZN	Cu
	0 20 40 60 80 100									
200										
			more chlor. alt.							
210										
220			Pred greenish rhyol + q aa							
			T.D.							

3. Fischer–Watt Phase 1 RVC drill results

SUMMARY DRILL RESULTS ROADSIDE PROSPECT
MOHAVE COUNTY, ARIZONA

Drill hole#	Angle	Type of Drilling	Total Depth	0.01 o/T Au Cutoff Interval	T.T.	Grade	0.02 o/T Au Cutoff Interval	T.T.	Grade
1 *	90	Dry RC	200	10-110	86	0.017	20-35	13	0.03
1A*	90	Dry RC	200	15-125	95	0.019	25-60	30	0.03
				175-195	17	0.013			
1B*	90	Wet RC	205	10-100	78	0.029	20-80	52	0.03
2 *	90	Dry RC	210	65-140	65	0.025	105-135	26	0.03
3 *	90	Dry RC	150	35-90	48	0.032	65-90	22	0.05
4 *	90	Dry RC	180	130-180	43	0.023	130-165	30	0.02
5 *	90	Dry RC	110	no significant interval > 0.01					
5A*	90	Dry RC	300	40-110	61	0.011	none		
6 *	90	Dry RC	120	50-95	39	0.031	60-85	22	0.04
7 *	90	Dry RC	165	no significant interval > 0.01					
8 *	90	Dry RC	160	no significant interval > 0.01					
9 *	90	Dry RC	230	no significant interval > 0.01					
10*	90	Dry RC	105	40-85	39	0.016	none		
11	90	Dry RC	110	no significant interval > 0.01					
12	90	Dry RC	200	no significant interval > 0.01					
13	90	Dry RC	220	190-210	17	0.012	none		
13A	90	Wet RC	285	no significant interval > 0.01					
14*	90	Dry RC	150	no significant interval > 0.01					
15	90	Dry RC	240	135-200	56	0.023	160-190	26	0.03
16	-60	Dry RC	300	0-100	100	0.016	75-95	20	0.02
17*	90	Dry RC	190	no significant interval > 0.01					
18*	90	Wet RC	285	no significant interval > 0.01					
19*	90	Wet RC	285	no significant interval > 0.01					
20	90	Wet RC	285	0-170	137	0.017	105-135	26	0.02
21	90	Wet RC	285	no significant interval > 0.01					
22	90	Wet RC	205	no significant interval > 0.01					
23	90	Wet RC	285	no significant interval > 0.01					
24	90	Wet RC	285	no significant interval > 0.01					
25	90	Wet RC	285	no significant interval > 0.01					
26	90	Wet RC	285	no significant interval > 0.01					
27	90	Wet RC	285	no significant interval > 0.01					
28*	90	Wet RC	285	no significant interval > 0.01					

ANACONDA DRILLING

84-1	?	HQ core	325	no significant interval > 0.01					
84-2	-66	HQ core	290	no significant interval > 0.01					
84-3	-65	HQ core	290	no significant interval > 0.01					
84-4	?	HQ core	224(?)	no significant interval > 0.01					
84-5	-65	HQ core	287	95-120	25	0.019			
84-6	-65	HQ core	360	335-340	5	0.023			
84-7	?	HQ core	224(?)	no significant interval > 0.01					
84-8	?	HQ core	240	no significant interval > 0.01					
84-9	-65	HQ core	240	no significant interval > 0.01					
84-10	-65	HQ core	300	30-75	45	0.014			

* Closely spaced RC holes at the Roadside Mine.

THE ROADSIDE DRILL PROJECT, DRILL ASSAY SUMMARY

Hole #1	Gold oz/T
0-5	Trace
5-10	0.007
10-15	0.012
15-20	0.009
20-25	0.045
25-30	0.040
30-35	0.020
35-40	0.014
40-45	0.013
45-50	0.005
50-55	0.010
55-60	0.005
60-65	0.013
65-70	0.010
70-75	0.027
75-80	0.010
80-85	0.010
85-90	0.010
90-95	0.045
95-100	0.016
100-105	0.013
105-110	0.015
110-115	0.009
115-120	0.003
120-125	0.003
125-130	0.005
130-135	0.005
135-140	0.005
140-145	0.005
145-150	0.006
150-155	0.006
155-160	0.006
160-165	0.006
165-170	0.005
170-175	0.003
175-180	0.003
180-185	0.002
185-190	0.002
190-195	0.002
195-200	0.002

Hole #1A	Gold oz/T
0-5	Trace
5-10	Trace
10-15	Trace
15-20	0.016
20-25	0.016
25-30	0.029
30-35	0.073
35-40	0.006
40-45	0.030
45-50	0.072
50-55	0.016
55-60	0.023
60-65	0.010
65-70	0.012
70-75	0.010
75-80	0.003
80-85	0.005
85-90	0.011
90-95	0.016
95-100	0.015
100-105	0.010
105-110	0.012
110-115	Trace
115-120	0.017
120-125	0.010
125-130	0.001
130-135	Trace
135-140	Trace
140-145	Trace
145-150	0.005
150-155	Trace
155-160	0.006
160-165	0.008
165-170	Trace
170-175	0.002
175-180	0.018
180-185	0.015
185-190	0.007
190-195	0.012
195-200	

Hole #1B	Gold oz/T
0-5	Trace
5-10	0.002
10-15	0.018
15-20	0.002
20-25	0.035
25-30	0.003
30-35	0.027
35-40	0.042
40-45	0.041
45-50	0.046
50-55	0.033
55-60	0.063
60-65	0.056
65-70	0.020
70-75	0.016
75-80	0.072
80-85	0.003
85-90	0.017
90-95	0.006
95-100	0.014
100-105	0.006
105-110	0.008
110-115	Trace
115-120	0.001
120-125	Trace
125-130	0.001
130-135	0.001
135-140	Trace
140-145	Trace
145-150	0.001
150-155	Trace
155-160	Trace
160-165	Trace
165-170	0.001
170-175	0.002
175-180	0.001
180-185	0.001
185-190	0.002
190-195	Trace
195-200	Trace
200-205	Trace

THE HOARSTIL MIN. MONT. DRILL ASSAY SUMMARY

Hole #1	GOLD oz/T	SILVER oz/T	Hole #1A	GOLD oz/T
0-5	trace	0.05	0-5	trace
5-10	0.007	0.05	5-10	trace
10-15	0.012	0.10	10-15	trace
15-20	0.009	0.15	15-20	0.016
20-25	0.045	0.05	20-25	0.016
25-30	0.040	-0.05	25-30	0.029
30-35	0.020	0.05	30-35	0.073
35-40	0.014	0.05	35-40	0.006
40-45	0.013	0.10	40-45	0.030
45-50	0.005	-0.05	45-50	0.072
50-55	0.010	-0.05	50-55	0.016
55-60	0.005	0.05	55-60	0.023
60-65	0.013	0.10	60-65	0.010
65-70	0.010	0.10	65-70	0.012
70-75	0.027	0.05	70-75	0.010
75-80	0.010	-0.05	75-80	0.003
80-85	0.010	-0.05	80-85	0.005
85-90	0.010	-0.05	85-90	0.011
90-95	0.045	-0.05	90-95	0.016
95-100	0.016	-0.05	95-100	0.015
100-105	0.013	-0.05	100-105	0.010
105-110	0.015	-0.05	105-110	0.012
110-115	0.009	-0.05	110-115	trace
115-120	0.003	-0.05	115-120	0.017
120-125	0.003	-0.05	120-125	0.010
125-130	0.005	-0.05	125-130	0.001
130-135	0.005	-0.05	130-135	trace
135-140	0.005	-0.05	135-140	trace
140-145	0.005	-0.05	140-145	trace
145-150	0.006	-0.05	145-150	0.005
150-155	0.006	-0.05	150-155	trace
155-160	0.006	-0.05	155-160	0.006
160-165	0.006	-0.05	160-165	0.008
165-170	0.005	-0.05	165-170	trace
170-175	0.003	-0.05	170-175	0.002
175-180	0.003	-0.05	175-180	0.018
180-185	0.002	-0.05	180-185	0.015
185-190	0.002	-0.05	185-190	0.007
190-195	0.002	-0.05	190-195	0.012
195-200	0.002	-0.05	195-200	no assays

THE ROADSIDE MINE PROJECT, DRILL ASSAY RESULTS

Hole #2	GOLD oz/T	SILVER oz/T
0-25	no assays	
25-30	0.003	-0.05
30-35	0.003	-0.05
35-40	0.003	0.05
40-45	0.003	0.05
45-50	0.003	-0.05
50-55	0.003	0.05
55-60	0.001	0.10
60-65	0.001	0.10
65-70	0.015	0.10
70-75	0.015	0.05
75-80	0.021	0.05
80-85	0.020	0.05
85-90	0.018	-0.05
90-95	0.018	0.10
95-100	0.006	0.10
100-105	0.015	0.15
105-110	0.025	0.50
110-115	0.035	0.50
115-120	0.036	0.65
120-125	0.039	0.30
125-130	0.037	0.25
130-135	0.061	0.35
135-140	0.015	0.20
140-145	0.003	0.05
145-150	0.003	-0.05
150-155	0.004	-0.05
155-160	0.001	-0.05
160-165	0.009	-0.05
165-170	0.006	-0.05
170-175	0.002	-0.05
175-180	no assay	no assay
180-185	0.003	-0.05
185-190	0.003	-0.05
190-195	0.009	
195-200	0.010	
200-205	0.003	
205-210	0.001	

Hole #2	GOLD oz/T
190-195	0.007
195-200	0.010
200-205	trace
205-210	0.002

THE ROADSIDE MINE PROJECT, DRILL ASSAY SUMMARY

Hole #3	GOLD oz/T	SILVER oz/T
5-10	0.002	0.05
10-15	0.002	-0.05
15-20	trace	-0.05
20-25	0.002	-0.05
25-30	0.003	-0.05
30-35	0.002	-0.05
35-40	0.010	-0.05
40-45	0.014	0.10
45-50	0.015	0.10
50-55	trace	0.10
55-60	0.015	-0.05
60-65	0.015	-0.05
65-70	0.091	0.05
70-75	0.002	-0.05
75-80	0.020	-0.05
80-85	0.108	0.05
85-90	0.065	0.10
90-95	0.005	-0.05
95-100	0.010	-0.05
100-105	0.003	-0.05
105-110	0.004	0.05
110-115	0.005	0.05
115-120	0.009	-0.05
120-125	0.002	-0.05
125-130	0.003	-0.05
130-135	0.001	-0.05
135-140	0.001	-0.05
140-145	0.001	-0.05
145-150	0.001	-0.05

THE ROADSIDE MINE PROJECT, DRILL ASSAY RESULTS SUMMARY

	GOLD oz/T	SILVER oz/T
Hole #4		
5-10	0.001	
10-15	trace	
15-20	0.003	
20-25	0.004	
25-30	0.003	
30-35	0.003	
35-40	0.005	
40-45	trace	
45-50	0.001	
50-55	0.001	
55-60	trace	
60-65	0.005	
65-70	0.001	
70-75	0.001	
75-80	0.002	
80-85	0.001	
85-90	0.001	
90-95	0.001	
95-100	0.005	
100-105	0.006	
105-110	0.008	
110-115	0.003	
115-120	trace	
120-125	0.008	
125-130	0.007	
130-135	0.030	
135-140	0.029	
140-145	0.020	
145-150	0.025	
150-155	0.017	
155-160	0.021	
160-165	0.020	
165-170	0.008	
170-175	no assay	
175-180	0.038	

THE ROADSIDE MINE PROJECT, DRILL ASSAY RESULTS SUMMARY

Hole #5	GOLD oz/T	SILVER oz/T
5-10	0.002	
10-15	0.002	
15-20	0.003	
20-25	0.001	
25-30	trace	
30-35	trace	
35-40	0.001	
40-45	0.002	
45-50	trace	
50-55	trace	
55-60	trace	
60-65	trace	
65-70	trace	
70-75	trace	
75-80	0.001	
80-85	0.001	
85-90	0.002	
90-95	0.002	
95-100	0.001	
100-105	trace	
105-110	0.002	
TD		

Hole #5A	GOLD oz/T
5-10	no assay
10-15	no assay
15-20	0.006
20-25	trace
25-30	0.007
30-35	0.005
35-40	0.007
40-45	0.019
45-50	0.005
50-55	0.010
55-60	0.012
60-65	0.005
65-70	0.010
70-75	0.010
75-80	0.010
80-85	0.021
85-90	0.019
90-95	0.009
95-100	0.010
100-105	0.007
105-110	0.013
110-115	trace
115-120	trace
120-125	trace
125-130	trace
130-135	0.001
135-140	0.003
140-145	trace
145-150	trace
150-155	trace
155-160	trace
160-165	0.021
165-170	0.004
170-175	trace
175-180	0.011
180-185	0.003
185-190	trace
190-195	trace
195-200	0.001
200-205	0.001
205-210	trace
210-215	trace
215-220	trace
220-225	trace
225-230	0.001
230-235	0.002
235-240	0.001
240-245	trace
245-250	0.002

THE ROADSIDE MINE PROJECT, DRILL ASSAY RESULTS SUMMARY

GOLD oz/T	SILVER oz/T		GOLD oz/T
		Hole #5A	
		250-255	0.001
		255-260	trace
		260-265	trace
		265-270	trace
		270-275	0.001
		275-280	0.001
		280-285	0.002
		285-290	trace
		290-295	trace
		295-300	trace

THE ROADSI MINE PROJECT, DRILL ASS RESULTS SUMMARY

	GOLD oz/T	SILVER oz/T
Hole #6		
0-5	no assay	
5-10	no assay	
10-15	0.001	
15-20	trace	
20-25	trace	
25-30	trace	
30-35	trace	
35-40	0.010	
40-45	0.006	
45-50	0.006	
50-55	0.025	
55-60	0.016	
60-65	0.040	
65-70	0.016	
70-75	0.021	
75-80	0.098	
80-85	0.040	
85-90	0.019	
90-95	0.017	
95-100	0.003	
100-105	0.004	
105-110	0.004	
110-115	0.003	
115-120	trace	

THE ROADSIDE MINE PROJECT, DRILL ASSAY SUMMARY

	GOLD oz/T	SILVER oz/T
Hole #7		
5-10	no assay	
10-15	0.002	
15-20	0.003	
20-25	0.002	
25-30	trace	
30-35	0.002	
35-40	0.002	
40-45	0.002	
45-50	0.001	
50-55	0.004	
55-60	0.001	
60-65	trace	
65-70	trace	
70-75	trace	
75-80	0.003	
80-85	trace	
85-90	0.001	
90-95	0.002	
95-100	trace	
100-105	trace	
105-110	trace	
110-115	trace	
115-120	trace	
120-125	0.001	
125-130	trace	
130-135	0.001	
135-140	0.001	
140-145	0.001	
145-150	trace	
150-155	0.010	
160-165	trace	
TD		

THE ROADSIDE MINE PROJECT, DRILL ASSAY RESULTS SUMMARY

	GOLD oz/T	SILVER oz/T
Hole #8		
0-5	trace	
5-10	trace	
10-15	trace	
15-20	0.001	
20-25	trace	
25-30	trace	
30-35	trace	
35-40	trace	
40-45	0.001	
45-50	trace	
50-55	trace	
55-60	0.003	
60-65	trace	
65-70	0.007	
70-75	trace	
75-80	trace	
80-85	0.001	
85-90	0.001	
90-95	trace	
95-100	trace	
100-105	trace	
105-110	0.001	
110-115	trace	
115-120	trace	
120-125	0.003	
125-130	0.002	
130-135	trace	
135-140	trace	
140-145	0.001	
145-150	trace	
150-155	trace	
155-160	0.001	
TD		

THE ROADSIDE MINE PROJECT, DRILL ASSAY RESULTS SUMMARY

	GOLD oz/T	SILVER oz/T
Hole #9		
0-5	trace	
5-10	0.013	
10-15	0.002	
15-20	trace	
20-25	no assay	
25-30	trace	
30-35	trace	
35-40	trace	
40-45	trace	
45-50	trace	
50-55	0.004	
55-60	0.005	
60-65	0.005	
65-70	trace	
70-75	trace	
75-80	trace	
80-85	trace	
85-90	0.005	
90-95	0.015	
95-100	trace	
100-105	trace	
105-110	trace	
110-115	0.005	
115-120	0.003	
120-125	trace	
125-130	0.001	
130-135	trace	
135-140	0.005	
140-145	trace	
145-150	0.011	
150-155	trace	
155-160	0.001	
160-165	0.001	
165-170	trace	
170-175	0.006	
175-180	trace	
180-185	trace	
185-190	0.001	
190-195	0.001	
195-200	0.010	
200-205	0.010	
205-210	trace	
210-215	trace	
215-220	trace	
220-225	0.001	
225-230	trace	

THE ROADSIDE MINE PROJECT, DRILL ASSAY RESULTS SUMMARY

	GOLD oz/T	SILVER oz/T
Hole #10		
0-5	no assay	
5-10	0.003	
10-15	0.002	
15-20	0.001	
20-25	trace	
25-30	0.020	
30-35	0.007	
35-40	0.007	
40-45	0.011	
45-50	0.040	
50-55	0.006	
55-60	0.026	
60-65	0.009	
65-70	0.013	
70-75	0.010	
75-80	0.013	
80-85	0.023	
85-90	0.003	
90-95	0.010	
95-100	0.003	
100-105	trace	
TD		

THE ROADSIDE MINE PROJECT, DRILL ASSAY RESULTS SUMMARY

	GOLD oz/T	SILVER oz/T
Hole #11		
0-5	trace	
5-10	0.001	
10-15	0.001	
15-20	0.001	
20-25	0.001	
25-30	0.002	
30-35	0.001	
35-40	trace	
40-45	trace	
45-50	0.001	
50-55	0.001	
55-60	trace	
60-65	0.001	
65-70	trace	
70-75	trace	
75-80	trace	
80-85	0.001	
85-90	0.002	
90-95	trace	
95-100	trace	
100-105	trace	
105-110	0.001	

THE ROADSIDE MINE PROJECT, DRILL ASSAY RESULTS SUMMARY

	GOLD oz/T	SILVER oz/T
Hole #12		
0-5	trace	
5-10	0.001	
10-15	0.002	
15-20	0.001	
20-25	trace	
25-30	trace	
30-35	0.001	
35-40	trace	
40-45	trace	
45-50	trace	
50-55	trace	
55-60	0.001	
60-65	trace	
65-70	trace	
70-75	trace	
75-80	trace	
80-85	trace	
85-90	0.001	
90-95	0.001	
95-100	trace	
100-105	0.002	
105-110	trace	
110-115	trace	
115-120	0.001	
120-125	0.002	
125-130	0.001	
130-135	trace	
135-140	0.002	
140-145	0.001	
145-150	0.001	
150-155	0.002	
155-160	0.002	
160-165	trace	
165-170	0.001	
170-175	trace	
175-180	0.001	
180-185	trace	
185-190	trace	
190-195	0.018	
195-200	trace	

THE ROADSIDE DRILL PROJECT, DRILL ASSAY SUMMARY

Hole#13	Gold oz/T	Hole#13A	Gold oz/T	Silver oz/T
0-5	Trace	0-20	0.003	-0.05
5-10	Trace			
10-15	Trace			
15-20	Trace			
20-25	Trace	20-40	0.003	-0.05
25-30	Trace			
30-35	Trace			
35-40	Trace			
40-45	0.001	40-60	0.005	0.05
45-50	Trace			
50-55	0.002			
55-60	0.005			
60-65	Trace	60-80	0.005	-0.05
65-70	0.005			
70-75	0.007			
75-80	0.004			
80-85	0.003	80-100	0.005	-0.05
85-90	0.007			
90-95	0.013			
95-100	0.001			
100-105	Trace	100-120	0.005	-0.05
105-110	Trace			
110-115	Trace			
115-120	Trace			
120-125	0.002	120-140	0.005	-0.05
125-130	Trace			
130-135	Trace			
135-140	Trace			
140-145	Trace	140-145	0.001	-0.05
145-150	0.001			
150-155	0.002			
155-160	Trace			
160-165	Trace	160-180	0.005	-0.05
165-170	0.001			
170-175	0.001			
175-180	Trace			
180-185	Trace	180-185	0.005	0.05
185-190	Trace	185-190	0.005	0.10
190-195	0.010	190-195	0.005	0.10
195-200	0.010	195-200	Trace	-0.05
200-205	0.017	200-205	0.001	0.05
205-210	0.010	205-210	0.003	0.10
210-215	Trace	210-215	Trace	-0.05
215-220	Trace	215-220	0.001	-0.05
		220-225	0.001	-0.05
		225-230	0.001	-0.05
		230-235	Trace	0.10
		235-240	Trace	0.10
		240-245	Trace	0.10
		245-250	Trace	0.15
		250-255	Trace	0.10
		255-260	Trace	0.05
		260-265	0.002	0.10
		265-270	0.001	0.10
		270-275	Trace	0.05
		275-280	Trace	0.10
		280-285	0.002	0.15

THE ROADSIDE MINE PROJECT, DRILL ASSAY RESULTS SUMMARY

	GOLD oz/T	SILVER oz/T
Hole #13		
0-5	trace	
5-10	trace	
10-15	trace	
15-20	trace	
20-25	trace	
25-30	trace	
30-35	trace	
35-40	trace	
40-45	0.001	
45-50	trace	
50-55	0.002	
55-60	0.005	
60-65	trace	
65-70	0.005	
70-75	0.007	
75-80	0.004	
80-85	0.003	
85-90	0.007	
90-95	0.013	
95-100	0.001	
100-105	trace	
105-110	trace	
110-115	trace	
115-120	trace	
120-125	0.002	
125-130	trace	
130-135	trace	
135-140	trace	
140-145	trace	
145-150	0.001	
150-155	0.002	
155-160	trace	
160-165	trace	
165-170	0.001	
170-175	0.001	
175-180	trace	
180-185	trace	
185-190	trace	
190-195	0.010	
195-200	0.010	
200-205	0.017	
205-210	0.010	
210-215	trace	
215-220	trace	

THE ROADSIDE MINE PROJECT, DRILL ASSAY RESULTS SUMMARY

	GOLD oz/T	SILVER oz/T
Hole #14		
0-5	0.001	0.20
5-10	0.002	0.20
10-15	0.001	0.20
15-20	0.002	0.15
20-25	0.001	0.20
25-30	no assay	no assay
30-35	0.003	0.15
35-40	0.002	0.10
40-45	0.001	0.10
45-50	0.001	0.10
50-55	trace	0.05
55-60	trace	0.05
60-65	0.001	-0.05
65-70	trace	-0.05
70-75	trace	-0.05
75-80	trace	-0.05
80-85	trace	0.05
85-90	trace	0.10
90-95	trace	-0.05
95-100	0.001	0.05
100-105	trace	-0.05
105-110	trace	-0.05
110-115	trace	-0.05
115-120	trace	-0.05
120-125	trace	-0.05
125-130	trace	0.10
130-135	trace	-0.05
135-140	trace	0.05
140-145	trace	-0.05
145-150	0.001	0.10

THE ROADSIDE MINE PROJECT, DRILL ASSAY RESULTS SUMMARY

	GOLD oz/T	SILVER oz/T
Hole #15		
0-5	0.001	-0.05
5-10	0.001	-0.05
10-15	trace	0.05
15-20	trace	0.05
20-25	trace	0.05
25-30	0.001	-0.05
30-35	trace	-0.05
35-40	0.001	0.10
40-45	trace	0.10
45-50	0.002	0.10
50-55	0.001	0.05
55-60	0.006	-0.05
60-65	trace	-0.05
65-70	trace	-0.05
70-75	0.001	-0.05
75-80	0.002	-0.05
80-85	trace	0.10
85-90	0.006	0.05
90-95	trace	0.10
95-100	trace	-0.05
100-105	0.001	-0.05
105-110	0.001	-0.05
110-115	0.006	0.10
115-120	0.001	0.05
120-125	0.002	-0.05
125-130	0.005	0.05
130-135	0.005	-0.05
135-140	0.015	-0.05
140-145	0.007	0.15
145-150	0.010	-0.05
150-155	0.018	-0.05
155-160	0.016	0.05
160-165	0.085	0.10
165-170	0.008	-0.05
170-175	0.024	0.05
175-180	0.026	0.10
180-185	0.032	0.10
185-190	0.038	0.50
190-195	0.015	0.50
195-200	0.011	0.40
200-205	0.001	-0.05
205-210	0.001	0.10
210-215	trace	0.20
215-220	0.001	0.50
220-225	0.001	0.05
225-230	trace	0.20
230-235	trace	0.05
235-240	0.001	0.05

THE ROADSIDE MINE PROJECT - DRILL ASSAY RESULTS SUMMARY

	GOLD oz/T	SILVER oz/T
Hole #16		
0-5	0.022	0.25
5-10	0.013	0.15
10-15	0.010	0.10
15-20	0.007	0.10
20-25	0.008	0.05
25-30	0.009	0.10
30-35	0.010	0.20
35-40	0.009	0.10
40-45	0.025	0.05
45-50	0.029	0.25
50-55	0.008	-0.05
55-60	0.014	0.05
60-65	0.012	0.15
65-70	0.013	-0.05
70-75	0.017	-0.05
75-80	0.033	-0.05
80-85	0.022	-0.05
85-90	0.030	0.05
90-95	0.020	0.15
95-100	0.010	-0.05
100-105	0.008	0.10
105-110	0.007	-0.05
110-115	0.001	-0.05
115-120	0.001	-0.05
120-125	trace	-0.05
125-130	trace	-0.05
130-135	trace	0.10
135-140	0.002	-0.05
140-145	0.002	-0.05
145-150	0.001	-0.05
150-155	0.001	-0.05
155-160	0.002	-0.05
160-165	trace	-0.05
165-170	0.002	-0.05
170-175	trace	-0.05
175-180	trace	-0.05
180-185	trace	-0.05
185-190	0.001	-0.05
190-195	trace	-0.05
195-200	trace	-0.05
200-205	trace	0.05
205-210	0.001	-0.05
210-215	0.002	-0.05
215-220	trace	-0.05
220-225	0.001	-0.05
225-230	trace	-0.05
230-235	trace	-0.05
235-240	0.003	-0.05
240-245	trace	-0.05
245-250	trace	-0.05

THE ROADSIDE MINE PROJECT, DRILL ASSAY RESULTS SUMMARY

	GOLD oz/T	SILVER oz/T
Hole #16		
250-255	trace	0.05
255-260	0.001	-0.05
260-265	trace	-0.05
265-270	trace	-0.05
270-275	trace	-0.05
275-280	trace	-0.05
280-285	trace	-0.05
285-290	trace	-0.05
290-295	trace	-0.05
295-300	0.001	-0.05

THE ROADSIDE MINE PROJECT, DRILL ASSAY RESULTS SUMMARY

	GOLD oz/T	SILVER oz/T
Hole #17		
0-5	0.001	-0.05
5-10	0.001	-0.05
10-15	trace	-0.05
15-20	0.001	-0.05
20-25	0.001	-0.05
25-30	0.001	-0.05
30-35	0.001	-0.05
35-40	0.001	-0.05
40-45	0.001	-0.05
45-50	trace	-0.05
50-55	trace	-0.05
55-60	trace	-0.05
60-65	trace	-0.05
65-70	trace	-0.05
65-70	trace	-0.05
70-75	trace	-0.05
75-80	0.001	-0.05
80-85	trace	0.10
85-90	trace	-0.05
90-95	trace	-0.05
95-100	trace	-0.05
100-105	trace	-0.05
105-110	trace	-0.05
110-115	trace	-0.05
115-120	trace	-0.05
120-125	0.001	-0.05
125-130	trace	-0.05
130-135	trace	-0.05
135-140	0.001	-0.05
140-145	0.001	-0.05
145-150	0.001	-0.05
150-155	0.001	-0.05
155-160	trace	-0.05
160-165	trace	-0.05
165-170	trace	-0.05
170-175	0.001	0.10
175-180	trace	-0.05
180-185	0.001	-0.05
185-190	0.003	-0.05

THE ROADSIDE DRILL PROJECT, DRILL ASSAY SUMMARY

Hole #18	Gold oz/T	Silver oz/T
0-5	Trace	-0.05
5-10	0.001	0.05
10-15	Trace	-0.05
15-20	0.001	0.05
20-25	Trace	-0.05
25-30	0.002	0.05
30-35	Trace	-0.05
35-40	Trace	-0.05
40-45	Trace	-0.05
45-50	0.001	-0.05
50-55	0.001	0.05
55-60	0.002	0.05
60-65	Trace	-0.05
65-70	Trace	-0.05
70-75	0.002	0.05
75-80	Trace	-0.05
80-85	Trace	-0.05
85-90		
90-95	0.002	0.05
95-100	0.001	-0.05
100-105	Trace	-0.05
105-110	Trace	-0.05
110-115	0.001	-0.05
115-120	0.001	-0.05
120-125	Trace	-0.05
125-130	Trace	0.10
130-135	Trace	-0.05
135-140	Trace	0.05
140-145	Trace	-0.05
145-150	Trace	-0.05
150-155	0.001	0.05
155-160	0.001	0.05
160-165	Trace	-0.05
165-170	0.001	-0.05
170-175	0.001	-0.05
175-180	Trace	0.05
180-185	Trace	-0.05
185-190	Trace	0.05
190-195	0.001	0.05
195-200	Trace	0.05
200-205	0.002	0.05
200-205B	0.003	0.05
205-210A	0.001	0.05
205-210B	0.005	0.05
210-215A	0.003	-0.05
210-215B	0.001	0.05
215-220	Trace	0.05
220-225	0.001	0.05
225-230	Trace	-0.05
230-235	Trace	-0.05
235-240	Trace	-0.05
240-245	Trace	-0.05
245-250	0.001	0.05
250-255	0.001	0.10

THE ROADSIDE DRILL PROJECT, DRILL ASSAY SUMMARY

Hole #18	Gold oz/T	Silver oz/T
255-260	0.002	0.10
260-265	0.003	0.10
265-270	0.001	0.05
270-275	Trace	-0.05
275-280	0.002	0.10
280-285	Trace	0.05

THE ROADSIDE DRILL PROJECT, DRILL ASSAY SUMMARY

Hole #19	Gold oz/T	Silver oz/T
0-5	0.004	-0.05
5-10	0.003	0.05
10-15	0.001	0.05
15-20	0.002	0.05
20-25	0.002	0.10
25-30	0.001	0.10
30-35	Trace	-0.05
35-40	Trace	0.05
40-45	0.004	-0.05
45-50	0.001	-0.05
50-55	Trace	-0.05
55-60	0.001	-0.05
60-65	Trace	-0.05
65-70	Trace	-0.05
70-75	0.002	-0.05
75-80	Trace	-0.05
80-85	Trace	-0.05
85-90	Trace	-0.05
90-95	Trace	-0.05
95-100	Trace	-0.05
100-105	0.001	-0.05
105-110	Trace	-0.05
110-115	Trace	-0.05
115-120	Trace	-0.05
120-125	Trace	-0.05
125-130	Trace	-0.05
130-135	0.001	0.10
135-140	Trace	-0.05
140-145	Trace	-0.05
145-150	Trace	-0.05
150-155A	Trace	-0.05
150-155B	Trace	-0.05
155-160A	Trace	-0.05
155-160B	Trace	-0.05
160-165A	0.002	-0.05
160-165B	Trace	-0.05
165-170A	Trace	-0.05
165-170B	0.002	-0.05
170-175A	Trace	0.05
170-175B	Trace	0.05
175-180A	0.001	0.05
175-180B	Trace	-0.05
180-185A	0.001	-0.05
180-185B	Trace	0.05
185-190	0.001	0.10
190-195	Trace	-0.05
195-200	Trace	-0.05
200-205	Trace	-0.05
205-210	Trace	-0.05
210-215	Trace	-0.05
215-220	Trace	-0.05
220-225	0.002	0.05
225-230	Trace	0.05

THE ROADSIDE DRILL PROJECT, DRILL ASSAY SUMMARY

Hole # 19	Gold oz/T	Silver oz/T
230-235	Trace	-0.05
235-240	Trace	-0.05
240-245	0.001	-0.05
245-250	Trace	-0.05
250-255	Trace	-0.05
255-260	Trace	-0.05
260-265	Trace	-0.05
265-270	Trace	-0.05
270-275	Trace	-0.05
275-280	Trace	-0.05
280-285	0.001	-0.05

THE ROADSIDE DRILL PROJECT, DRILL ASSAY SUMMARY

Hole # 20	Gold oz/T	Silver oz/T
0-5	0.027	-0.05
5-15	0.015	-0.05
15-20	0.013	-0.05
20-25	0.028	-0.05
25-30	0.002	-0.05
30-35	0.007	-0.05
35-40	0.006	-0.05
40-45	0.011	-0.05
45-50	0.010	-0.05
50-55	0.018	-0.05
55-60	0.011	-0.05
60-65	0.022	-0.05
65-70	0.012	-0.05
70-75	0.008	-0.05
75-80	0.025	-0.05
80-85	0.011	-0.05
85-90	0.003	-0.05
90-95	0.017	-0.05
95-100	0.013	-0.05
100-105	0.012	-0.05
105-110	0.025	-0.05
110-115	0.026	-0.05
115-120	0.025	-0.05
120-125	0.017	-0.05
125-130	0.019	-0.05
130-135	0.033	-0.05
135-140	0.009	0.05
140-145	0.073	-0.05
145-150	0.023	-0.05
150-155	0.023	-0.05
155-160	0.035	0.05
160-165	0.011	-0.05
165-170	0.026	-0.05
170-175	Trace	-0.05
175-180	Trace	-0.05
180-185	0.007	-0.05
185-190	0.007	-0.05
190-195	0.046	-0.05
195-200	0.003	-0.05
200-205	0.010	-0.05
205-210	0.001	-0.05
210-215	0.001	-0.05
215-220	0.001	-0.05
220-225	0.016	-0.05
225-230	0.100	0.05
230-235	0.001	-0.05
235-240	Trace	-0.05
240-245	0.001	-0.05
245-250	0.001	-0.05
250-255	0.001	0.05
255-260	Trace	0.10
260-265	0.001	0.05
265-270	0.002	0.05
270-275	0.001	0.05

THE ROAD SIDE DRILL PROJECT, DRILL ASSAY SUMMARY

Hole #20	Gold oz/T	Silver oz/T
275-280	0.001	0.05
280-285	0.002	-0.05

THE ROADSIDE DRILL PROJECT DRILL ASSAY SUMMARY

Hole #21	Gold oz/T	Silver oz/T
0-5	0.001	0.10
5-10	0.003	0.15
10-15	0.002	0.05
15-20	0.003	0.05
20-30	Trace	0.10
30-35	Trace	0.10
35-40	0.004	0.10
40-45	0.003	0.15
45-50	0.001	0.10
50-55	0.005	0.05
55-60	0.005	0.10
60-65	0.006	0.15
65-70	0.003	0.05
70-75	0.003	0.05
75-80	0.004	0.05
80-85	0.003	0.10
85-90	0.003	0.10
90-95	0.003	0.10
95-100	0.005	0.05
100-105	0.002	-0.05
105-110	0.005	0.05
110-115	0.006	0.05
115-120	0.007	0.10
120-125	0.005	-0.05
125-130	0.005	0.10
130-135	0.005	0.05
135-140	0.006	0.05
140-145	0.004	-0.05
145-150	0.003	-0.05
150-155	0.007	0.10
155-160	0.005	-0.05
160-165	0.006	-0.05
165-170	0.001	-0.05
170-175	0.002	-0.05
175-180	0.002	-0.05
180-185	0.001	-0.05
185-190	Trace	-0.05
190-195	0.001	-0.05
195-200	0.001	-0.05
200-205	Trace	-0.05
205-210	Trace	-0.05
210-215	Trace	-0.05
215-220	Trace	-0.05
220-225	Trace	-0.05
225-230	Trace	-0.05
230-235	Trace	-0.05
235-240	Trace	-0.05
240-245	Trace	-0.05
245-250	0.003	0.05
250-255	0.001	-0.05
255-260	Trace	-0.05
260-265	0.001	0.10
265-270	0.001	0.05
270-275	Trace	-0.05
275-280	Trace	-0.05
280-285	Trace	-0.05

THE ROADSIDE DRILL PROJECT, DRILL ASSAY SUMMARY

Hole #22	Gold oz/T	Silver oz/T
0-5	Trace	-0.05
5-10	Trace	-0.05
10-15	Trace	-0.05
15-20	0.005	-0.05
20-25	Trace	0.05
25-30	0.002	0.05
30-35	0.002	-0.05
35-40	Trace	-0.05
40-45	Trace	-0.05
45-50	0.001	-0.05
50-55	0.003	-0.05
55-60	0.003	-0.05
60-65	0.002	-0.05
65-70	0.003	-0.05
70-75	0.005	-0.05
75-80	0.007	-0.05
80-85	0.005	0.10
85-90	0.005	0.05
90-95	0.004	0.05
95-100	0.002	-0.05
100-105	0.006	-0.05
105-110	0.007	-0.05
110-115	0.004	-0.05
115-120	0.005	-0.05
120-125	0.003	-0.05
125-130	0.001	-0.05
130-135	0.006	-0.05
135-140	0.006	-0.05
140-145	0.006	-0.05
145-150	0.007	-0.05
150-155	0.005	-0.05
155-160	0.005	-0.05
160-165	0.006	-0.05
165-170	0.006	-0.05
170-175	0.003	-0.05
175-180	0.003	0.05
180-185	0.005	0.10
185-190	Trace	-0.05
190-195	0.001	-0.05
195-200	Trace	-0.05
200-205	0.001	-0.05

THE ROADSIDE DRILL PROJECT, DRILL ASSAY SUMMARY

Hole #23	Gold oz/T	Silver oz/T
0-5	0.001	-0.05
5-10	Trace	-0.05
10-15	0.001	-0.05
15-20	Trace	-0.05
20-25	0.006	0.05
25-30	0.010	0.05
30-35	Trace	-0.05
35-40	0.001	-0.05
40-45	Trace	-0.05
45-50	0.001	-0.05
50-55	Trace	0.05
55-60	0.008	-0.05
60-65	0.010	0.10
65-70	0.002	-0.05
70-75	0.002	-0.05
75-80	Trace	-0.05
80-85	Trace	-0.05
85-90	Trace	-0.05
90-95	0.002	-0.05
95-100	0.008	-0.05
100-105	0.012	-0.05
105-110	Trace	-0.05
110-115	0.011	-0.05
115-120	0.004	-0.05
120-125	0.005	-0.05
125-130	Trace	-0.05
130-135	Trace	-0.05
135-140	0.001	-0.05
140-145	0.001	-0.05
145-150	0.001	-0.05
150-155	0.006	-0.05
155-160	Trace	-0.05
160-165	0.001	-0.05
165-170	0.002	0.05
170-175	0.001	0.05
175-180	0.003	-0.05
180-185	Trace	0.05
185-190	0.001	0.05
190-195	Trace	-0.05
195-200	0.001	-0.05
200-205	0.001	-0.05
205-210	Trace	-0.05
210-215	0.002	0.05
215-220	Trace	-0.05
220-225	Trace	-0.05
225-230	Trace	-0.05
230-235	Trace	-0.05
235-240	Trace	-0.05
240-245	Trace	-0.05
245-250	Trace	-0.05
250-255	Trace	-0.05
255-260A	0.003	-0.05
255-260B	Trace	-0.05
265-270	0.001	0.05
270-275	Trace	0.05
275-280	Trace	-0.05
280-285	Trace	-0.05

THE ROADS E DRILL PROJECT, DRILL AS Y SUMMARY

Hole #24	Gold oz/T	Silver oz/T
0-5	0.002	0.05
5-10	0.002	0.05
10-15	Trace	0.05
15-20	0.002	0.05
20-25	Trace	-0.05
25-30	0.002	0.05
30-35	0.001	0.05
35-40	0.002	0.05
40-45	0.002	0.10
45-50	0.002	0.10
50-55	0.003	0.10
55-60	0.001	0.05
60-65	0.002	0.05
65-70	Trace	-0.05
70-75	0.001	0.10
75-80	Trace	-0.05
80-85	0.003	0.05
85-90	Trace	-0.05
90-95	0.004	-0.05
95-100	0.003	-0.05
100-105	0.001	-0.05
105-110	Trace	-0.05
110-115	0.001	0.05
120-125	Trace	-0.05
125-130	Trace	0.05
130-135	0.001	-0.05
135-140	Trace	-0.05
140-145	Trace	-0.05
145-150	Trace	0.05
150-155	0.001	-0.05
155-160	Trace	0.05
160-165	Trace	0.05
165-170	Trace	0.05
170-175	0.001	-0.05
175-180	0.002	-0.05
180-185	0.004	-0.05
185-190	Trace	-0.05
190-195	Trace	-0.05
195-200	Trace	-0.05
200-205	Trace	-0.05
205-210	0.002	-0.05
210-215	Trace	-0.05
215-220	Trace	-0.05
220-225	Trace	-0.05
225-230	Trace	-0.05
230-235	0.001	0.05
235-240	Trace	-0.05
240-245	0.002	0.05
245-250	Trace	-0.05
250-255	Trace	-0.05
255-260	Trace	-0.05
260-265	Trace	-0.05
265-270	Trace	-0.05
270-275	Trace	0.05
275-280	Trace	-0.05
280-285	Trace	-0.05

THE ROADSIDE DRILL PROJECT, DRILL ASSAY SUMMARY

Hole #25	Gold oz/T	Silver oz/T
0-5	0.003	-0.05
5-10	0.003	-0.05
10-15	0.001	-0.05
15-20	0.003	-0.05
20-25	0.001	-0.05
25-30	0.001	0.05
30-35	0.001	0.05
35-40	Trace	-0.05
40-45	Trace	-0.05
45-50	0.001	-0.05
50-55	0.002	-0.05
55-60	0.013	-0.05
60-65	0.004	0.05
65-70	0.004	0.05
70-75	0.001	-0.05
75-80	0.003	0.05
80-85	0.003	-0.05
85-90	0.001	-0.05
90-95	Trace	-0.05
95-100	Trace	-0.05
100-105	0.001	-0.05
105-110	0.001	-0.05
110-115	0.002	-0.05
115-120	0.002	-0.05
120-125	0.001	-0.05
125-130	Trace	-0.05
130-135	Trace	-0.05
135-140	0.001	-0.05
140-145	Trace	-0.05
145-150	0.003	-0.05
150-155	0.002	-0.05
155-160	0.003	-0.05
160-165	0.002	-0.05
165-170	0.001	-0.05
170-175	0.001	-0.05
175-180	Trace	-0.05
180-185	0.001	-0.05
185-190	0.001	-0.05
190-195	0.001	-0.05
195-200	0.001	-0.05
200-205	Trace	-0.05
205-210	Trace	-0.05
210-215	Trace	-0.05
215-220	Trace	-0.05
220-225	Trace	-0.05
225-230	Trace	-0.05
230-235	Trace	-0.05
235-240	0.002	-0.05
240-245	0.001	-0.05
245-250	Trace	-0.05
250-255	0.001	-0.05
255-260	Trace	-0.05
260-265	Trace	-0.05
265-270	Trace	-0.05
270-275	0.004	0.05
275-280	Trace	-0.05
280-285	0.001	-0.05

THE ROADSIDE DRILL PROJECT, DRILL ASSAY SUMMARY

Hole #26	Gold oz/T	Silver oz/T
0-5	Trace	-0.05
5-10	Trace	-0.05
10-15	0.002	-0.05
15-20	0.003	-0.05
20-25	Trace	-0.05
25-30	0.003	-0.05
30-35	0.004	0.05
35-40	Trace	-0.05
40-45	Trace	-0.05
45-50	0.002	-0.05
50-55	Trace	-0.05
55-60	Trace	-0.05
60-65	Trace	-0.05
65-70	Trace	-0.05
70-75	Trace	-0.05
75-80	Trace	-0.05
80-85	Trace	-0.05
85-90	Trace	-0.05
90-95	Trace	-0.05
95-100	Trace	-0.05
100-105	0.002	-0.05
105-110	Trace	-0.05
110-115	0.001	-0.05
115-120	0.003	-0.05
120-125	0.001	-0.05
125-130	0.002	-0.05
130-135	0.005	-0.05
135-140	Trace	-0.05
140-145	Trace	-0.05
145-150	Trace	-0.05
150-155	0.001	-0.05
155-160	Trace	-0.05
160-165	Trace	-0.05
165-170	Trace	-0.05
170-175	Trace	-0.05
175-180	Trace	-0.05
180-185	0.001	-0.05
185-190	0.001	-0.05
190-195	Trace	-0.05
195-200	Trace	-0.05
200-205	Trace	-0.05
205-210	Trace	-0.05
210-215	Trace	-0.05
215-220	0.002	-0.05
220-225	0.002	-0.05
225-230	0.002	-0.05
230-235	0.001	-0.05
235-240	0.002	-0.05
240-245	0.002	-0.05
245-250	0.003	0.05
250-255	0.001	-0.05
255-260	Trace	-0.05
260-265	0.001	-0.05
265-270	0.001	-0.05
270-275	Trace	-0.05
275-280	0.002	-0.05
280-285	Trace	-0.05

TH ROADSIDE DRILL PROJECT, ILL ASSAY SUMMARY

Hole #27	Gold oz/T	Silver oz/T
0 5	0.001	
5 15	Trace	0.10
15 20	0.001	0.10
20 25	0.001	0.10
25 30	0.001	0.10
30 35	0.001	0.10
35 40	0.001	0.15
40 45	0.001	0.15
45 50	0.001	0.20
50 55	0.001	0.15
55 60	0.001	-0.05
60 65	0.001	-0.05
65 70	Trace	-0.05
70 75		-0.05
75 80		-0.05
80 85	0.001	-0.05
85 90	0.001	-0.05
90 95	0.001	-0.05
95 100	0.001	0.05
100 105	0.001	-0.05
105 110	0.001	0.10
110 115	0.001	0.05
115 120	0.001	0.05
120 125	0.002	0.05
125 130	0.002	-0.05
130 135	0.005	0.05
135 140	Trace	-0.05
140 145	0.001	-0.05
145 150	0.001	-0.05
150 155	0.005	0.10
155 160	0.005	0.05
160 165	0.003	0.10
165 170	Trace	-0.05
170 175	0.005	0.05
175 180	0.005	0.05
180 185	Trace	-0.05
185 190	Trace	-0.05
190 195	Trace	-0.05
195 200	0.001	-0.05
200 205	Trace	-0.05
205 210	Trace	-0.05
210 215	0.001	-0.05
215 220	0.001	0.05
220 225	0.003	-0.05

THE ROADSIDE DRILL PROJECT, DRILL ASSAY SUMMARY

Hole #28	Gold oz/T	Silver oz/T
0-5	0.003	0.05
5-10	Trace	-0.05
10-15	Trace	-0.05
15-20	Trace	-0.05
20-25	0.003	-0.05
25-30	Trace	-0.05
30-35	0.001	0.05
35-40	0.002	-0.05
40-45	0.003	0.05
45-50	0.003	-0.05
50-55	Trace	-0.05
55-60	0.003	-0.05
60-65	0.001	-0.05
65-70	Trace	-0.05
70-75	0.002	-0.05
75-80	0.009	-0.05
80-85	Trace	-0.05
85-90	Trace	0.05
90-95	Trace	0.10
95-100	Trace	0.10
100-105	0.001	0.05
105-110	Trace	0.10
110-115	Trace	0.05
115-120	0.003	0.05
120-125	Trace	0.05
125-130	Trace	0.05
130-135	0.001	0.10
135-140	0.002	0.05
140-145	0.001	0.05
145-150	0.001	-0.05
150-155	Trace	0.05
155-160	0.002	-0.05
160-165	0.003	-0.05
165-170	0.002	0.05
170-175	Trace	-0.05
175-180	0.002	0.05
180-185	Trace	-0.05
185-190	0.001	-0.05
190-195	0.002	-0.05
195-200	Trace	-0.05
200-205	0.001	-0.05
205-210	Trace	-0.05
210-215	0.001	-0.05
215-220	Trace	-0.05
220-225	0.007	-0.05
225-230	0.003	-0.05
230-235	Trace	-0.05
235-240	Trace	-0.05
240-245	Trace	-0.05
245-250	Trace	-0.05
250-255	Trace	-0.05
255-260	Trace	-0.05
260-265	0.003	-0.05
265-270	Trace	0.05
270-275	Trace	-0.05
275-280	Trace	-0.05
280-285	Trace	-0.05

4. Anaconda core drill logs + results (Phase 2)

RESULTS:

During the period of November 19 through December 22 a total of 10-HQ diamond core holes were completed ranging in depth from 197 to 360 feet deep for a total of 2,780 feet. Direct drilling costs to date have averaged $24.03/ft. Hole locations are shown in the diagram.

Hole Number	Azimuth	Angle	Total Depth	Overburden Depth
84-1	S47.5°E	-65°	197'	40'
84-2	N38°W	-66.5°	290'	15'
84-3	N35°E	-65°	290'	50'
84-4	N54°E	-65°	250'	40'
84-5	S3°W	-65°	287'	40'
84-6	Due S	-56°	360	30'
84-7	N70°E	-65°	325	50'
84-8	N55°E	-65°	240	30'
84-9	Due E	-65°	240	15'
84-10	Due S	-65°	300	30

Holes logged and sampled to date include 84-1, 84-2, 84-3, 84-5, 84-6 and 84-10. The only assays available are on the upper portion of 84-10 (formerly named 84-15).

Sample No.	From	To	Interval	Au (opt)	Ag (opt)	Hg (ppm)
328145	30	31	1	0.0006	<0.015	0.02
328146	31	35	4	0.0085	0.2304	0.03
328147	35	40	5	0.0210	0.5396	0.04
328148	40	45	5	0.0143	0.032	0.04
328149	45	50	5	0.0251	<0.015	0.03
328150	50	55	5	0.0204	0.018	0.02
328151	55	60	5	0.0102	0.1108	0.01
328152	60	65	5	0.0074	0.0875	0.05
328153	65	70	5	0.0015	0.0554	0.03
328154	70	75	5	0.0099	<0.015	0.03
328155	75	80	5	0.0018	<0.015	0.02
328156	80	85	5	0.0029	<0.015	0.03
328157	85	90	5	0.0069	<0.015	0.02
328158	90	95	5	0.0029	<0.015	0.01
328159	95	100	5	0.002	<0.015	0.01

Summary	30-65'	@	0.5158 ppm Au =	0.0150 opt Au
			4.85 ppm Ag =	0.1413 opt Ag
	30-55'	@	0.6011 ppm Au =	0.0175 opt Au

Hole 84-10 was located north of the Gold Chain Hill and is characterized by intense hematization of a coarsely porphyritic granite containing abundant quartz-specularite veins which continue to a depth of 250 feet.

Similar styles of mineralization were noticed in hole 84-5 down to 165 feet where it was cut off by a major fault and hole 84-6 to a depth of 320 feet.

THE ANACONDA COMPANY - DIAMOND DRILL RECORD

HOLE NO. [illegible]

Coord. ________ N ________ E Elev. ________ PROPERTY Roadside

Bearing [illegible] Inclination -45.[illegible] Depth ________ LOCATION ________

Started 11-28-84 Completed ________ Notes by D. [illegible] Scale [illegible] Sheet 1 of 2

DEPTH	% REC	A	ROCK TYPE / ALTERATION	B	C	D	E	MINERALIZATION	Graphic Col.	Au	Ag	As	Sb	Hg
0														
10														
20			gravel											
30														
40														
			[illegible] porphyritic [illegible] feldspar [illegible] unaltered [illegible]					wk chlorite [illegible] and [illegible]		-0.005	-0.5	-10	-10	0.01
50	52/60									-0.005	-0.5	-10	-10	0.01
										-0.005	-0.5	-10	-10	0.01
			[illegible]							-0.005	-0.5	-10	-10	[illegible]
60			[illegible] PE granite [illegible]							-0.005	-0.5	15	-10	-0.01
			[illegible]						45°, 55°	0.024	-0.5	18	-10	-0.01
70	56/60	22								0.007	-0.5	-10	-10	0.01
	52/60	20						Fresh granite [illegible]	55, 60	-0.005	-0.5	12	-10	0.01
80								[illegible]	40	-0.005	-0.5	10	-10	0.01
	53/60									-0.005	-0.5	20	-10	0.02
90	61/60							Fresh granite	30, 55, 50	-0.005	-0.5	13	-10	-0.01
	62/60							[illegible] sericite	60°	-0.005	-0.5	20	30	0.01

THE ANACONDA COMPANY — DIAMOND DRILL RECORD

HOLE NO. [illegible]

Coord. _____ N _____ E Elev. _____ PROPERTY [illegible]

Bearing [illegible] Inclination [illegible] Depth _____ LOCATION _____

Started [illegible] Completed _____ Notes by D. Barr[illegible] Scale [illegible] Sheet 2 of 2

DEPTH	% REC	A	ROCK TYPE / ALTERATION / MINERALIZATION	B	C	D	E	Graphic Col.	Au	Ag	As	Sb	Hg
[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	-0.005	-0.5	-10	-10	0.01
[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	-0.005	-0.5	12	-10	0.01
[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	-0.005	-0.5	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	3	[illegible]					[illegible]	-0.005	-0.5	14	-10	0.01
[illegible]	[illegible]	0	Feldspar phenos fresh [illegible] hematite [illegible] fracture [illegible]					[illegible]	-0.005	-0.5	-10	-10	0.01
[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	-0.005	[illegible]	29	-10	[illegible]
[illegible]	[illegible]	0	[illegible]					[illegible]	-0.005	-0.5	-10	[illegible]	[illegible]
[illegible]	[illegible]	40	[illegible] zone [illegible]					[illegible]	-0.005	-0.5	11	-10	0.01
[illegible]	[illegible]	[illegible]	[illegible] hematite fresh granite broken zone epidote					[illegible]	-0.005	-0.5	-10	-10	0.01
[illegible]	[illegible]	43	[illegible]					[illegible]	-0.005	-0.5	16	-10	0.01
[illegible]	[illegible]	0	[illegible] hem drops off k-spars fresh					[illegible]	-0.005	-0.5	-10	-10	0.01
[illegible]	[illegible]	0	[illegible]					[illegible]	-0.005	-0.5	-10	-10	0.02
[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	-0.005	-0.5	11	[illegible]	0.02
[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	-0.005	-0.5	20	-10	0.01
[illegible]	[illegible]	[illegible]	[illegible] hem sericite zone [illegible] sericite [illegible] hematite fracture zone					[illegible]	-0.005	-0.5	20	-10	0.01
[illegible]	59	20	[illegible] fresh granite [illegible] hematite, [illegible] sericite [illegible] hem sericite					[illegible]	-0.005	-0.5	14	16	0.02
[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	-0.005	-0.5	18	-10	0.01
[illegible]	[illegible]	9	[illegible] sericitized hem stn fracture [illegible] hematite zone [illegible]					[illegible]	-0.005	-0.5	-10	-10	0.01
[illegible]	[illegible]	[illegible]	broken granite					[illegible]	-0.005	-0.5	12	-10	0.02
[illegible]	[illegible]	8	Insure error [illegible]					[illegible]	-0.005	-0.5	17	-10	0.01
EOH			Fresh granite weak hematite [illegible]										

THE ANACONDA COMPANY - DIAMOND DRILL RECORD

HOLE NO. [illegible]

Coord. _____ N _____ E Elev _____ PROPERTY _____

Bearing _____ Inclination [illegible] Depth 290 HQ LOCATION _____

Started _____ Completed 12-6-84 Notes by D.B B.S. BCS Scale _____ Sheet 1 of 3

DEPTH	% REC	ROCK TYPE A	ALTERATION	B	C	D	E	MINERALIZATION	Graphic Col.	Au	Ag	As	Sb	Hg		
										0.010	0.5	59	-10	0.07		
										0.010	-0.5	15	11	0.08		
										-0.005	-0.5	11	-10	0.08	25	25.5
										-0.005	-0.5	11	-10	0.07		
										-0.005	-0.5	11	-10	0.08	34	39
										-0.005	-0.5	-10	-10	0.07		
										0.010	-0.5	14	-10	0.06	45	50
										0.015	-0.5	18	-10	0.11		
										0.041	-0.5	-10	11	0.07	54	57
										0.021	-0.5	26	13	0.06		
										-0.005	-0.5	-10	17	0.03	64	69
										-0.005	-0.5	-10	14	0.07		
										0.010	-0.5	-10	13	0.11	75	80
										0.012	-0.5	12	-10	0.04		
										-0.005	-0.5	-10	-10	0.06	85	90
										-0.005	-0.5	-10	-10	0.07		
										-0.005	-0.5	-10	-10	0.11	95	95
										-0.005	-0.5	14	-10	0.05		

THE ANACONDA COMPANY - DIAMOND DRILL RECORD

HOLE NO. _____

Coord. _____ N _____ E El. _____ PROPERTY _____

Bearing _____ Inclination _____ Depth _____ LOCATION _____

Started _____ Completed _____ Notes by _____ Scale _____

Sheet _____ of 3

DEPTH	% REC	A	ROCK TYPE	ALTERATION	B	C	D	E	MINERALIZATION	Graphic Col.	Au	Ag	As	Sb	Hg	
											CORE ASSAYS ppm					
											-0.005	-0.5	14	-10	0.08	
											-0.005	-0.5	-10	-10	0.11	
																108
																113
											-0.005	-0.5	-10	-10	0.14	
																118
																123
											-0.005	-0.5	-10	-10	0.12	
																128
																133
											-0.005	1.7	-10	-10	0.14	
																138.5
																143.5
											-0.005	-0.5	-10	-10	0.16	
																149.5
																154
											-0.005	-0.5	-10	-10	0.16	
																15[illegible]
																16[illegible]
											-0.005	-0.5	11	-10	0.21	
																170
																175
											-0.005	-0.5	-10	-10	0.31	
																180
																185
											-0.005	-0.5	-10	-10	0.41	
																190
																195
											-0.005	-0.5	-10	-10	0.35	

ANACONDA Minerals Company - DIAMOND DRILL RECORD

HOLE NO. Rs 84-2

Coord. ______ N ______ E Ele ______ PROPERTY ______

Bearing ______ Inclination ______ Depth ______ LOCATION ______

Started ______ Completed ______ Notes by ______ Scale ______ Sheet ______ of 3

DEPTH	% REC	A	ROCK TYPE	ALTERATION	B	C	D	E	MINERALIZATION	Graphic Col.
			EOH							

CORE ASSAYS ppm

Au	Ag	As	Sb	Hg	Depth (to)
					206
-0.005	-0.5	-10	-10	0.34	210
					215
-0.005	-0.5	13	-10	0.27	220
					224
-0.005	-0.5	11	-10	0.19	229.2
					234.5
0.012	-0.5	20	-10	0.43	239.5
					245
-0.005	-0.5	11	-10	0.28	250
					262
-0.005	-0.5	-10	-10	0.59	266
					270
-0.005	-0.5	28	-10	0.31	275
					280
-0.005	-0.5	22	-10	0.39	285
-0.005	-0.5	-10	-10	0.23	290

NACONDA Minerals Company - DIAMOND DRILL RECORD

HOLE NO. RS 84-3

Coord. _____ N _____ E Elev _____ PROPERTY Roadside [illegible]

Bearing _____ Inclination -45° Depth _____ LOCATION _____

Started 12/4/84 Completed _____ Notes by B. [illegible] Scale 1" = 10' Sheet 1 of 3

DEPTH	% REC	A	ROCK TYPE	ALTERATION	B	C	D	E	MINERALIZATION	Graphic Col.	CORE ASSAYS
0											
10											
20											
30											
40											
50			Drawal Rotary drilling								
			Core drilling Drawal								
60											
70											
80											
90											

ANACONDA Minerals Company - DIAMOND DRILL RECORD HOLE NO. [illegible]

Coord ____ N ____ E El ____ PROPERTY [illegible]

Bearing ____ Inclination [illegible] Depth ____ LOCATION ____

Started ____ Completed [illegible] Notes by [illegible] Scale [illegible] Sheet 2 of [illegible]

DEPTH	% REC	A	ROCK TYPE	ALTERATION	B	C	D	E	MINERALIZATION	Graphic Col.	CORE ASSAYS Au	Ag	As	Sb	Hg	
			[illegible]													
160																
170																
180																
190																
200																
210																
220																169
											0.009	-0.5	-10	-10	0.34	173
											0.007	-0.5	-10	-10	0.05	178
230											0.010	-0.5	-10	-10	-0.01	183
											0.007	-0.5	-10	-10	-0.01	187
240		38									0.007	-0.5	-10	-10	-0.01	193
		36									0.009	-0.5	16	-10	-0.01	198.5

ANACONDA Minerals Company - DIAMOND DRILL RECORD HOLE NO. [illegible]

Coord. _____ N _____ E El _____ PROPERTY [illegible]

Bearing _____ Inclination _____ Depth _____ LOCATION _____

Started _____ Completed 12/2/84 Notes by [illegible] Scale _____ Sheet 3 of 3

DEPTH	% REC	A	ROCK TYPE	ALTERATION	B	C	D	E	MINERALIZATION	Graphic Col.	Au	Ag	As	Sb	Hg	CORE ASSAYS ppm
200	53															
											0.010	-0.5	17	-10	-0.01	203.5
											0.010	-0.5	14	-10	-0.01	208
											0.017	1.8	37	-10	0.03	
											0.009	-0.5	16	-10	-0.01	213
											0.007	-0.5	-10	-10	-0.01	219
											-0.005	-0.5	15	-10	-0.01	224
											-0.005	-0.5	16	-10	-0.01	229.5
											0.009	-0.5	-10	-10	-0.01	234.5
											0.007	-0.5	-10	-10	-0.01	240
											-0.005	-0.5	-10	-10	-0.01	245
											-0.005	-0.5	-10	-10	-0.01	250
											0.007	-0.5	12	-10	-0.01	255
											0.009	-0.5	-10	-10	-0.01	260
											0.007	-0.5	-10	-10	-0.01	265
											0.007	-0.5	14	-10	-0.01	270
											-0.005	-0.5	-10	-10	-0.01	275
											-0.005	-0.5	19	-10	-0.01	280
											-0.005	-0.5	-10	-10	-0.01	285

ANACONDA Minerals Company - DIAMOND DRILL RECORD HOLE NO. _____

Coord. _____ N _____ E Ele _____ PROPERTY _____

Bearing _____ Inclination _____ Depth _____ LOCATION _____

Started _____ Completed _____ Notes by _____ Scale _____ Sheet 1 of 3

DEPTH	% REC	ROCK TYPE A	ALTERATION B	C	D	E	MINERALIZATION	Grade Col.	CORE ASSAYS Au	Ag	As	Sb	Hg	ppm
									0.062	-0.5	14	-10	-0.01	
									0.019	-0.5	12	-10	-0.01	
									0.027	-0.5	16	-10	-0.01	
									0.213	-0.5	-10	-10	-0.01	
									0.045	-0.5	20	-10	-0.01	
									0.067	-0.5	10	-10	-0.01	269
									0.041	-0.5	16	-10	-0.01	274
									0.144	-0.5	20	-10	0.01	279
									0.113	-0.5	20	-10	-0.01	284
									0.250	-0.5	24	-10	-0.01	289
									0.142	-0.5	18	-10	-0.01	294
									1.473	-0.5	-10	-10	-0.01	

ANACONDA Minerals Company - DIAMOND DRILL RECORD HOLE NO. _____

Coord. _____ N _____ E Ele _____ PROPERTY _____

Bearing _____ Inclination _____ Depth _____ LOCATION _____

Started _____ Completed _____ Notes by _____ Scale _____ Sheet 2 of 3

DEPTH % REC	A	ROCK TYPE	ALTERATION	B	C	D	E	MINERALIZATION	Grading Col.	Au	Ag	As	Sb	Hg	PPM
										0.413	-0.5	17	-10	-0.01	104
										0.067	-0.5	-10	-10	-0.01	109
										0.154	-0.5	-10	-10	-0.01	114
										0.876	0.5	13	-10	-0.01	119.5
										0.098	-0.5	10	-10	-0.01	124.5
										0.033	0.9	12	-10	-0.01	130
										0.036	-0.5	-10	-10	-0.01	134
										0.072	-0.5	16	-10	-0.01	139
										0.043	-0.5	12	-10	-0.01	143
										0.550	-0.5	11	-10	-0.01	149
										0.015	0.7	-10	-10	-0.01	154
										0.053	1.7	-10	-10	-0.01	159
										0.012	1.3	-10	-10	-0.01	164
									35	0.007	0.9	10	-10	-0.01	169
										-0.005	-0.5	21	-10	-0.01	174
										0.007	-0.5	13	-10	-0.01	179
										-0.005	-0.5	-10	-10	-0.01	184
										0.007	-0.5	14	-10	-0.01	189
															194
										0.072	-0.5	-10	-10	-0.01	199

ANACONDA Minerals Company - DIAMOND DRILL RECORD

HOLE NO. [illegible]

Coord. _____ N _____ E Ele _____ PROPERTY _____

Bearing _____ Inclination _____ Depth _____ LOCATION _____

Started _____ Completed _____ Notes by _____ Scale _____ Sheet 3 of 3

DEPTH	% REC	A	ROCK TYPE	ALTERATION	B	C	D	E	MINERALIZATION	Graphic Col.	CORE ASSAYS Au	Ag	As	Sb	Hg	ppm
																204
											-0.005	-0.5	-10	-10	-0.01	209
										60°	0.007	-0.5	-10	-10	-0.01	214
											-0.005	-0.5	19	-10	-0.01	219
																224
																227
											-0.005	-0.5	11	-10	-0.01	232
																237
										55	-0.005	-0.5	-10	-10	-0.01	242
																247
										55	0.010	-0.5	21	-10	-0.01	252
	60															257
																262
											-0.005	-0.5	-10	-10	-0.01	267
																272
											0.007	-0.5	-10	-10	-0.01	277
																282
										55° 60°	-0.005	-0.5	-10	-10	-0.01	

EOH [illegible]

ANACONDA Minerals Company - DIAMOND DRILL RECORD HOLE NO.

Coord. N E El PROPERTY

Bearing South Inclination Depth 360' LOCATION

Started Completed 19 Notes by /B. STONE Scale Sheet of 4

DEPTH	% REC	A	ROCK TYPE	ALTERATION	MINERALIZATION	Graphic Col.	Au	Ag	As	Sb	Hg
5			Rotary drill - gravel								
10											
			Core. ash flow - tuff, mod welding, pumice lithic frags		pervasive clay white - green wk wk chl.						
20			Rock bit - no core, drillers note								
			25-30 sand - gravel rubble in fracture								
30	61/60	33	Pum lithic / ash flow w/ xtals in ash matrix pink to green color.				0.005	-0.5	-10	-10	0.03
	62/60	35					0.005	-0.5	10	-10	0.03
40	60/60	33					0.012	-0.5	-10	-10	0.03
	59/60	40	46 - 50' contact green porphyritic andesite w/ 4-5% 1-3mm plag laths in brown aphanitic groundmass		plag + ser groundmass sat: (clay)	50'	0.012	-0.5	-10	-10	0.04
50	60/60	46				40'	0.009	-0.5	19	-10	0.04
	60/60	42	ash flow tuff w/ abundant lithic frags and xtals, mod welded, green brown color		wk alteration i.e. pervasive clay		0.007	-0.5	13	-10	0.02
60	57/60	38	62' brecciated contact w/ ash flow tuff brown aphanitic clear c. (rhyolite)		up to 50 [illegible] calcite healed fractures	42	0.005	-0.5	11	-10	0.04
	59/60	37					0.005	-0.5	-10	-10	0.02
70	62/60	56					0.005	-0.5	-10	-10	0.02
	61/60	56					0.005	-0.5	-10	-10	0.03
80	60/60	53			83 to 87' calcite healed fr		0.005	-0.5	-10	-10	0.03
	58/60	39	85' brecciated [illegible] sharp contact with unit above aphanitic, tan - purple color (rhyolite?)		abundant Fe-ox red-brown - blk coatings on fracture surfaces		0.005	-0.5	19	-10	0.32
90	62/60	[illegible]					0.005	-0.5	-10	-10	0.29
	60/60	13					0.005	-0.5	-10	-10	0.17

ANACONDA Minerals Company - DIAMOND DRILL RECORD HOLE NO. [illegible]

Coord. _____ N _____ E El _____ PROPERTY Roadside [illegible]

Bearing South Inclination -65 Depth 360' LOCATION

Started 12/13/84 Completed 12/19/84 Notes by B. Sorensen/B. Stone Scale 1" = 10' Sheet [illegible] of 4

DEPTH	% REC	A	ROCK TYPE	ALTERATION B C D E	MINERALIZATION	Ground Col.	CORE ASSAYS ppm Au	Ag	As	Sb	Hg	
100	53/60	19	dk gray - gray to brown aphanitic rhyolite, brecciated, mainly calcite cement, local < 5 ft wide zones of silica cement.				0.025	-0.5	-10	-10	0.22	
	53/60	23					0.005	-0.5	-10	-10	0.30	
110	62/60	33					0.005	-0.5	-10	-10	0.18	
	29/24	0			end of pervasive red-orange-brown tetrox stain		0.010	-0.5	-10	-10	0.08	
120	60/60	0					0.005	-0.5	-10	-10	0.02	
	[illegible]	30					0.005	-0.5	14	-10	0.02	
130	59/60	50					0.005	-0.5	-10	-10	0.02	
	60/60	56					0.014	-0.5	-10	-10	0.02	139
140	57/60	37					0.026	-0.5	-10	-10	0.02	143
	29/36	0					0.007	-0.5	-10	-10	0.02	146
	25/54	8					0.005	-0.5	-10	-10	0.02	148
150	61/72	22					0.029	-0.5	-10	-10	0.02	154
	52/60	13					0.004	-0.5	-10	-10	0.03	159
160	14/6	53			153.5 - 154 fluorite bx matrix around rhyolite frags. 162.5 brecciated fluorite in 161 begin to get fluorite. Fl tex in bx voids and in rock frags		0.045	-0.5	10	-10	0.02	164
	59/63	44	161 to 169.5 [illegible] bx frags				0.015	-0.5	-10	-10	0.04	169
170	56/60	40	brecciated rhyolite				0.051	0.6	-10	-10	0.02	174
			174.3 to 175.5 PE granite brecciated		abdt epi-chl after bx frags from matrix							
	55/60	53	brecciated rhyolite (fragment in bx zone)		177.5 purple		0.036	-0.5	10	-10	0.02	179
180	59/60	47	181.5 to 185 PE granite (bx frag)		epi after K-feldspars hematite after wrt 185 most epi		0.014	-0.5	32	-10	0.03	184
	78/66	78			189 to 190 epi after matrix of volcanic ~~and~~ at 189 frags, earlier than hematite		0.012	-0.5	-10	-10	0.02	190
190	65/60	59	190 intense brecciation to clay gouge plus surrounded rock frags abdt hem in clay gouge. Rhyolite and PE granite rock fragments. no voids left!		early clear qtz. in quant, minor sericite also in bx frags		0.055	0.8	-10	-10	0.02	195
	60/60	47	198' no more rhyolite frags!				0.017	0.5	-10	-10	0.02	

ANACONDA Minerals Company - DIAMOND DRILL RECORD

HOLE NO. RS 84-6

Coord. _____ N _____ E _____ PROPERTY _____

Bearing [illegible] Inclination -45 Depth 360 LOCATION _____

Started _____ Completed 12/19/84 Notes by K. Sergeant/B. Stone Scale [illegible] Sheet 3 of 4

DEPTH	% REC	A	ROCK TYPE / ALTERATION	MINERALIZATION	Graphic Col.	Au	Ag	As	Sb	Hg	ppm
200	61/60	50	Brecciated Precambrian porphyritic granite. core is red brn - gray [illegible]. Varying intensity of brecciation	200 3/4" brecciated cal vn tr. to wk spec hem in fractures, wk to mod [illegible] calcite [illegible]		0.048	-0.5	-10	-10	0.02	
210	[illegible]	53	hematite w/ wk silica cement matrix around [illegible] to secular frags 1-3mm up to, bx sometimes has a foliation texture. veins look like they have been pulled apart to voids at open	205 bx cal-qtz-spec rare in 1" wide; 210 bx cal-qtz-spec rare in 1/4" wide		0.015	-0.5	-10	-10	0.02	
	65/60	50		212 open		0.014	-0.5	-10	-10	0.02	
220	54/60	48	215 more intense brecciated [illegible] w/ zones of micro brecciation that w/ grade into coarser breccia	215, 216, 216.5 cal-qtz-spec in frags; 215 to 215.5 disseminated		-0.005	-0.5	18	-10	0.03	220
	7/60	55		223 cal-qtz-spec in frags		0.021	0.5	-10	-10	0.02	
230	66/60	52		228-229 bx cal-qtz-spec veins up to 1" wide		0.019	-0.5	-10	-10	0.02	
	55/60	47		pervasive & [illegible]		0.036	-0.5	-10	-10	0.02	
240	55/60	52	intense brecciation. rounded frags			0.017	4.7	-10	-10	0.03	240
	55/60	57				0.259	6.4	-10	-10	0.02	
250	56/60	42	249-250' brn porphyritic volcanic frags, rhyolite-latite? bx frags	251' pink carbonate (inca?) as fracture filling in Pegr		0.053	1.4	-10	-10	0.02	
	54/60	55				0.036	-0.5	-10	-10	0.02	
260	56/60	46	258 to 260 [illegible] volcanic [illegible]			0.058	0.6	11	-10	0.02	260
	60/60	57				0.019	-0.5	-10	-10	0.02	
270	57/60	[illegible]	decrease in pervasive bx at depth still have most intense zones of micro bx.	270 bx, cal-qtz-spec in wide; spec hem along fx		0.021	-0.5	-10	-10	0.02	
	59/60	45				0.105	0.6	-10	-10	0.02	
280	62/60	[illegible]				0.033	-0.5	13	-10	0.02	280
	60/60	79	Rhyolite dike, [illegible] contact? pink-tan, cream color, aphanitic "brecciated" intense brecciation near ctct	hematite-calcite-silica in matrix; frags are bleached, w/ rims at ctct.		0.022	-0.5	-10	-10	0.02	
	45/48	25	rhyolite dike w/ qtz phenos 1-2% 1-2mm. bleached tan to cream color	late hematite veins & bx matrix		-0.005	-0.5	-10	-10	0.01	
290	11.5/12	7									
	62/60	49	Pe granite and Tertiary rhyolite intrusive w/ intense brecciation and mixing of both units to 295	hematite-silica cal [illegible]		0.039	0.6	-10	-10	0.02	
	58/60	51		298 cal-qtz [illegible]		0.034	-0.5	-10	-10	0.01	

ANACONDA Minerals Company - DIAMOND DRILL RECORD

HOLE NO. RS 84-6

Coord. _____ N _____ E El _____ PROPERTY Roadside

Bearing South Inclination -65 Depth 360 LOCATION _____

Started _____ Completed 12/19/84 Notes by B. Sorensen/B. Stone Scale 1" = 10' Sheet 4 of 4

DEPTH	% REC	A	ROCK TYPE	ALTERATION	B	C	D	E	MINERALIZATION	Graphic Col.	CORE ASSAYS ppm Au	Ag	As	Sb	Hg
300	63/60	52	Brecciated Precambrian porphyritic granite, red-brown color, pervasive hematite-silic-wk cal matrix, broken and rotated qtz & K feld phano pieces						abd't hematite + silicate matrix material, variable amounts & distribution of silica & calcite		0.026	-0.5	-10	-10	0.01
310	61/60	51									0.019	0.4	-10	-10	0.01
	59/60	51									0.021	-0.5	-10	-10	0.01
	56/60	41									0.086	0.9	-10	-10	0.02
320	65/60	35							321' 3" bx qtz-cal-spec vn		0.067	-0.5	11	-10	0.01
330	57/60	44									0.014	-0.5	-10	-10	0.01
	61/60	58									0.096	0.8	-10	-10	0.02
340	56/60	32								10°	0.696	1.1	-10	-10	0.02
	60/60	48								45°	0.017	0.5	-10	-10	0.02
350	59/60	52									-0.005	-0.5	-10	-10	0.02
	60/60	35									0.113	-0.5	-10	-10	0.01
360	59/60	23	Precambrian porphyritic granite brecciated w/ hematite ± silica ± cal matrix TD 360								-0.005	0.5	-10	-10	0.02
370															
380															
390															

ANACONDA Minerals Company - DIAMOND DRILL RECORD

HOLE NO. RS 84-7

Coord. _____ N _____ E Ele _____ PROPERTY ROADSIDE

Bearing _____ Inclination _____ Depth _____ LOCATION MOHAVE COUNTY ARIZONA

Started _____ Completed _____ Notes by B. STONE Scale 1" = 10 FT Sheet 1 of 4

DEPTH	% REC	RQD	ROCK TYPE	ALTERATION	MINERALIZATION	CORE ASSAYS Au	Ag	As	Hg
0									
10									
20									
30									
40			ROTARY TO 48'						
50	55/60	25	LITHIFIED GRAVEL POLYMICTIC CORES WELL Light buff colored matrix		Strongly calcitic w/ good acid reaction from matrix cement.				
	43/60	18							
60	42/60	21	61.0 CONTACT TOP OF QUARTZOLITH PORPHYRITIC GRANITE		61.0 TOP OF HEMATITE				
	48/48	0	Soil & clay profile after coarse gravel. First solid core @ 67'		Very broken good acid reaction				
			67		67				
70	60/60	37	GRANITE BRECCIA - f-g porphyritic Clast supported mostly w/ f-g hematitic microbx matrix.		Weak to non-existent acid reaction to 162.5				
	60/72	31	73.5 GRANITE - highly fractured and trending towards a breccia with numerous small inlet microbreccias but better described as incipiently fractured granite. Strongly hematitic		All hematite partings have a thin 1mm hematitic-clay parting. Those with ∠ symbol have hem microbx to 6-8mm.				
80	42/60	42							
	62/60	22			Careful examination of the core 67-185 shows K spar phenos are mostly fresh and glassy. Plag grains are frequently altered to a white color. Almost all biotite is bronze colored and acts as a nucleus for most hematite alteration. Microbx zones have angular fragments within a very fg hematitic matrix. Microbx zones have slightly more crystalline black hematite than non				
90	65/60	36	92.0 GRANITE - HEMATITE - MICROBRECCIA - matrix supported						
	60/60	37	93.24 GRANITE GRAN - HEM MICROBX 95 GRANITE - highly fractured 98						

Graphic Col.

61.5 ss
High clay component where alter of plag.
67 ss
69.3 @ 35
71.5 @ 45°
73.5 @ 45°
74.5 @ 47°
75 ∠ 35°
76 ∠ 55°
77 ∠ 40
81 @ 50°
83 @ 55°
84 @ 70°
87.2 @ 40°
88.5 @ 23°
89.3 @ 90°
90° @ 30°
91 @ 70°
91.2 @ 70°
93.2 @ 70
94 @ 35°
95 @ 55
98 @ 40°

Depth	Au	Ag	As	Hg
328	552	-0.005	-0.5	-10	0.14
328	553	-0.005	-0.5	-10	0.08
328	554	-0.005	-0.5	-10	0.03
328	555	-0.005	-0.5	-10	0.03
328	556	-0.005	-0.5	-10	0.03
328	557	-0.005	-0.5	-10	0.04
328	558	-0.005	-0.5	-10	0.03
328	559	-0.005	-0.5	-10	0.03

ANACONDA Minerals Company - DIAMOND DRILL RECORD

HOLE NO. RS 84-7

Coord. _____ N _____ E _____ PROPERTY ROADSIDE

Bearing _____ Inclination _____ Depth _____ LOCATION MOHAVE COUNTY ARIZONA

Started _____ Completed _____ Notes by BG STONE Scale 1" = 10' Sheet 2 of 4

DEPTH	% REC	A	ROCK TYPE	ALTERATION	MINERALIZATION	Graphic Col.	CORE ASSAYS ppm Au	Ag	As	Hg
	53/48	37	GRANITE w/ abund microbx planes				327 560	-0.005	-0.5	-10	0.03
	60/60	35	104 GRANITE - HEM - MICROBX possibly all reflecting a step 20-25° struct		Close examination of the core to 185 shows: (1) Plagioclase are weakly altered to white (2) K spar are grey & glassy often w/ hair line hematite on crystal fractures (3) Biotite is bronze & acts as nucleus for most hematite staining (4) A black oxide (hematite) in granular form & alls is ubiquitous, 2-4% but more abund around microbx zones (5) Except for microbx stress zones rock is essentially identical 67-185'		328 561	-0.005	-0.5	-10	0.03
110	57/60	47	108.5 GRANITE w/ abund microbx planes		101.5 @ 40; 102.1 @ 55; 103 @ 35; 104 @ 20; 105.5 @ 20; 108 @ 25; 109.4 @ 55; 109.6 @ 75; 111.5 @ 65; 112.5 @ 70; 113.3 @ 55; 113.9 @ 30		562 -0.005	-0.5	-10	0.04
	59/60	25					566 -0.005	-0.5	-10	0.04
120	44/60	37	117.1 GRANITE HEM MICROBX; 117.2 GRANITE w/ abund microbx planes		116.4 @ 50; 116.9 @ 55; 117.4 @ 45; 117.9 75; 118.1 @ 60; 120 @ 85; 121 @ 20; 122.5 @ 55; 123.8 @ 50; 124 @ 45		567 -0.005	-0.5	-10	0.03
	54/60	37	125 At least some hem bx planes are post epidote veinlets				568 -0.005	-0.5	-10	0.03
130	60/60	56	126.8 GRANITE HEM MICROBX clast supported abund hem. epidote along matrix contact		125.5 @ 65; 127 @ 33; 127.5 @ 85					
			131 GRANITE - fractured ring bx & large blkd		129.5 @ 80; 130 @ 80; 131 @ 66; 132.5 @ 45		569 0.012	-0.5	-10	0.03
	61/60	47	132-183 GRANITE - HEMATITIC MICROBRECCIA	Traces of carb reaction in small carb veinlets	134.1 @ 70; 134.5 @ 50; HC vertic		570 0.015	-0.5	-10	0.02
140	62/60	49			140.5 @ 65; 141 @ 40; 141.5 @ 60		571 0.017	-0.5	-10	0.03
	61/60	39			143.9 @ 80		572 0.019	-0.5	-10	0.03
	25/32	13			147.8 @ 60		573 0.015	-0.5	-10	0.03
150	62/60	37		151.5 Shiney yellow sulf within fragment probably from saw blade (examined under microscope)	150.5 @ 15; 151.8 @ 75			-0.005	-0.5	-10	0.02
	52/60	32	155 Most coherent granite in this zone may only be large blocks within breccia		155 @ 55; 156.8 @ 25; 157.9 @ 70		574 0.015	-0.5	-10	0.03
160	65/60	39	165	162.5 Increased carbonate reaction	161.2 @ 60; 162.2 @ 55; 163 @ 80 (5 inch hem bx)		575 0.015	-0.5	-10	0.03
	55/60	46			165.8 @ 40; 167.1 @ 40		576 0.009	-0.5	-10	0.03
170	64/60	34			170 @ 45; 171 @ 60; 171.2 @ 50; 172.7 @ 80		577 0.072	-0.5	-10	0.03
	55/60	31			174.4 @ 50; 176.8 @ 50; 177 @ 30		578 0.067	-0.5	-10	0.03
180	62/60	34	183 CONTACT	181 Large vein 1-3 inch calcite broken & brecciated	180.6 @ 50; 182 @ 70		579 0.055	0.9	-10	0.03
			VOLCANIC - RHYOLITE Pale green grey & rehealed bx vfg w/ no distinct phenos	Hematite fractures throughout	183 Highly fractured w/ small core pieces		328 580 0.012	0.9	-10	0.03
	56/60	11		188 Almost no hematite on joints or fractures below 188	188		328 581 -0.005	-0.5	-10	0.03
190	60/60	35		No acid reaction except on some rare hairline veinlets	191.3 @ 55		328 582 -0.005	-0.5	-10	0.03
	62/60	12	196 196-200 Grey glassy rhyolite with up to 3-5% qtz eyes to 3mm	Rare pyrite casts → hem.	198 @ 50		328 583 -0.005	-0.5	-10	0.03

ANACONDA Minerals Company - DIAMOND DRILL RECORD

HOLE NO. RS 84-7

Coord. _____ N _____ E _____ PROPERTY ROOSIDE

Bearing _____ Inclination _____ Depth _____ LOCATION MOHAVE COUNTY ARIZONA

Started _____ Completed _____ Notes by BG STONE Scale 1" = 10' Sheet 3 of 4

DEPTH	% REC	A	ROCK TYPE	ALTERATION	B	C	D	E	MINERALIZATION	Graphic Col.	CORE ASSAYS Au	Ag	As	Hg	ppm
	31/32	7	VOLCANIC - RHYOLITE pale grey green - more clay towards bottom 3-4% white phenos to 4 mm (plag) but no obvious qtz eyes						Almost no carb reaction below 201						
	58/60	28							Hematitic fractures & grains occur but not abundant. Comp 205.9 @ 45		328584	0.009	-0.5	-10	0.03
			208.5 CONTACT						Comp 208.2 @ 65						
210	65/60	39	HEMATITIC BRECCIA w/ Microbreccia contact 209.5								585	0.007	-0.5	12	0.07
			GRANITE - Coarsely porphyritic						Most bronze but altering to hematite	Foliation 70° 212 @ 20°	329586	-0.005	-0.5	-10	0.04
	56/60	44	Rock was very hard to cut on diamond saw probably due to the quartz component 20% has a pale blue chalcedonic appearance						214 GRANITE below 214 is characterized by strong green coloring due to chlorite after biotite		328587	-0.005	-0.5	-10	0.06
220	65/60	22	Biotite is black and almost everywhere altering to chlorite giving rock a greenish appearance							218.9 @ 70° 219.5 @ 30°	328588	-0.005	-0.5	-10	0.05
	58/60	24	Commonly the biotite has hematitic edges or is in process of being altered to hematite often directly with no chlorite intermediate step						223 FOLIATION 209-223. Almost all faults show have greasy luster reddish brown color	222.5 @ 30° 224 @ 60° 224.8 @ 50° 227.1 @ 45°					
230	63/60	20	Some hematitic veinlets throughout but very minor							228.9 @ 70° 229.0 @ 50° 229.9 @ 50° 231 @ 55	328590	-0.005	-0.5	-10	0.04
	62/60	23	Epidote veinlets occur locally as do carb veinlets						234 Below faults have white powder - rust hematite.	233.4 @ 38° 235.5 @ 30°					
240	65/60	14							1-3 mm carb veinlets/strict 4-6/ft.		328591	-0.005	-0.5	11	0.03
	59/60	33							HAIRLINE CARBONATE VEINLETS OCCUR THROUGHOUT 1 cm gg	242 @ 40 w/greasy luster 243.5 @ 35 245 @ 45° 247 @ 60° 248 @ 60°					
250	66/60	31							Epidote veinlets occur below 245 fairly commonly	249 @ 20° 250 @ 77° 251 @ 30° 252.5 @ 70°	328592	-0.005	-0.5	-10	0.03
	63/60	14								255.1 @ 35 255.3 @ 55 256 @ 60° 257.5 @ 45 258.8 @ 60° 259 @ 65°					
260	58/60	34								261 @ 40° 261.3 @ 40	328593	-0.005	-0.5	-10	0.02
	63/60	26							263 GRANITE Fractured w/ hairline to 5 fract/cm defining a foliation @ 60° to 273 1 cm gg.	263 @ 70°					
270	63/60	16								268.1 @ 40° 270 @ 45 270.5 @ 60° 272 @ 50°	328594	-0.005	-0.5	-10	0.03
	59/72	13							273	Broken 273.5 @ 30° HEM. 276.9 @ 60° 278.4 @ 55°					
280	60/60	29							280 GRANITE fractured w/ hairline 3-5/cm often hematitic (wk) to 307	281.5 @ 25 282 @ 60° 283 @ 35	328595	-0.005	-0.5	-10	0.04
	61/60	20								285 @ 20° 286.3 @ 55					
290	63/60	45								289 @ 50° 289.5 @ 65 291.5 @ 65° 292.7 @ 25 294 @ 45	328596	-0.005	-0.5	-10	0.05
	62/60	32								297.8 @ 30° Shearing @ 76°					

ANACONDA Minerals Company - DIAMOND DRILL RECORD

HOLE NO RG 84-7

Coord. _____ N _____ E Elev _____ PROPERTY ROADSIDE

Bearing _____ Inclination _____ Depth _____ LOCATION MOHAVE COUNTY, ARIZ

Started _____ Completed _____ Notes by BC STONE Scale 1" = 10' Sheet 4 of 4

DEPTH	% REC	A	ROCK TYPE	ALTERATION	B	C	D	E	MINERALIZATION	Graphic Col.	CORE	ASSAYS Cu	Ag	As	Hg	
	60/60	20	GRANITE - typical of entire hole, Kspar to 1.5 cm, Plag to 6mm, Qtz interstitial w/ chalcedonic blue color, Biot. to 4-6% black → chlorite						302@10° 304@55		328 597	0.010	0.5	-10	0.05	
	63/60	27							Foliated by hematitic (weak) fractures							
310	62/60	9							309 308@65° 309.9@60° 311.5@65		329 599	-0.005	0.5	-10	0.02	
	43/72	19							Zones shown have more hematitic veinlets	Broken ? Fe stained -313 -314 314.5@30°	328 599	-0.005	0.5	-10	0.03	
320	66/60	22							Pale green cast to plagioclase	318.8@20° 321.5@35° 322@45 1cm qz 323@30°	208774	-0.005	0.5	-10	0.03	

325 EOH

ANACONDA Minerals Company - DIAMOND DRILL RECORD

NO. RS [redacted] RS 84-9

Coord. _____ N _____ E _____ Elev _____ PROPERTY [redacted] SIDE [redacted]

Bearing _____ Inclination _____ Depth _____ LOCATION MOHAVE

Started _____ Completed 2/4/85 Notes by G. STONE Scale 1" = 10' Sheet 1 of 3

DEPTH	% REC	A	ROCK TYPE / ALTERATION	B	C	D	E	MINERALIZATION	Graphic Col.	CORE ASSAYS	Au	Ag	As	Sb	Hg
		RQD													
10															
20															
			TRKONE THRU GRAVEL TO 30'												
30															
	60/60	26	31.3 Brecciated PE C-g probably associated w/ steep structure fresh K spar, cloudy white plag, biot altering to hem. Traces of epidote					10° steep structure		328475	-0.005	-0.5	-10	0.02	
	60/60	38	36 Clast support dominant over matrix in weakly altered granite					Weak to moderate carbonate along fractures & veinlets 50° w/ hem sticks		328476	-0.005	-0.5	-10	0.02	
40	61/60	38						Biotite → hematite on edges but still recognizable as biotite 30° w/ hem. Traces of epidote along fractures & plag grains		328477	-0.005	-0.5	-10	0.02	
	55/60	0	46 Increased clay alter of plag - rock gets crumbly to 64' 10% clay					25° w/ hem 50° w/ hem		328478	-0.005	-0.5	-10	0.02	
50	57/60	18	54					50° w/ hem sticks		328479	-0.005	-0.5	-10	0.02	
	59/60	14	Limonite (yellow) and hematite altered granite Locally only K spar & limonite left in rock. Rock is clast supported breccia w/ fairly intense hematite development					Limonitic bleached rk after a granite breccia 58 strong yellow limonite & hem 59 Fairly strong clay component in more hematitic zones		328480	-0.005	-0.5	-10	0.01	
60	58/60	13	63'							328481	-0.005	-0.5	-10	0.02	
	58/60	44	BRECCIA - Fairly strongly brecciated granite w/ matrix support dominant over clasts - Good hematite fresh K spar, clay (white) altered plagioclase. Biotite is weakly to strongly altering to hematite					40° w/ hem Acid reaction is weak to non existent in good clay matrix Bx 30° w/ hem		328482	-0.005	-0.5	-10	0.02	
70	60/60	27						No apparent qtz or calcite veins in interval 30-100' except @ 82' where 40° w/ hem. xllline calcite veinlet to 6mm cuts @ 70°		328483	-0.005	0.8	-10	0.02	
	58/60	46								328484	0.012	-0.5	-10	0.03	
80	62/60	45	81.5 CONTACT Siliceous MICROBRECCIA - hard dominantly angular quartz fragments in hematitic matrix Some f-g latite-monz frags. 86.8 cont. @ 75°					1-5mm carb veinlet No carbonate - very hard to say reaction - except 12 mm carb xllline A detachment? type microbx 50° hairline hematite		328485	-0.005	-0.5	-10	0.03	
	60/60	55	GRANITE BRECCIA - matrix support progressively decreasing to 1cm bx-dg @ 97.6 to a sheared & cracked granite.					Weak carb reaction along some veinlets Biotite → hematite but recognizable		328486	-0.005	-0.5	-10	0.02	
90	60/60	59						1cm hem microbx @ 60°		328487	-0.005	-0.5	-10	0.02	
	59/60	57	97.6 Sheared granite - biotite aligned along					1cm bx. 40°		328488	-0.005	-0.5	-10	0.02	

ANACONDA Minerals Company - DIAMOND DRILL RECORD HOLE NO. 125 84-8

Coord. _____ N _____ E Elev _____ PROPERTY _____

Bearing _____ Inclination _____ Depth _____ LOCATION _____

Started _____ Completed _____ Notes by B.G. STONE Scale 1" = 10' Sheet 2 of 3

DEPTH	% REC	A	ROCK TYPE / ALTERATION	B	C	D	E	MINERALIZATION	Graphic Col.	CORE ASSAYS ppm Au	Ag	As	Sb	Hg
	58/60	42	Sheared GRANITE 103 contact @ 35°					101.5 @ 25 122.5 @ 60		-0.005	-0.5	-10		0.02
			Hematitic granite BRECCIA Fresh K spar Slightly white plag. Numerous healed hem shear planes 1-4mm Fairly fresh black biot					Hematite rich 10% hem Traces of epidote		-0.005	-0.5	-10		0.02
	58/60	38	106.5 GRANITE - Coarsely porphyritic phase.							-0.005	-0.5	-10		0.02
110	60/60	50	K spar phenos to 2.5 cm and fresh Black biotite w/ edges of dusting of hematite. Plagioclase is generally white to pale green					Rehealed 3mm 39 111.5 @ 40		-0.005	-0.5	-10		0.02
	57/60	50	Fairly common hematitic / biotitic fractures but hem is < 3%					114 @ 25° 114.5 @ 80 - 6mm 117 @ 75° - 2mm 117.5 @ 55	HEM HEM					
120	59/60	39	Overall a fairly fresh rock Testing core to bottom of hole with dilute HCl shows rare and faint hairline carbonate fractures and some gouges with carbonate but carbonate content is insignificant 100 - 240					Mineralization consists of weak clay alteration of plagioclase hematitic dusting of biotite and accessory amounts of pyrite & magnetite Epidote in units weak throughout 123 @ 65 - 4mm rehealed in 123.8 @ 35°						
	59/60	37												
130	61/60	44												
	60/60	34	137.5 GRANITE BRECCIA - clast supported and same as core and below but granite is in individual fragments. Similar texture 140 - 140.5					136 @ 25°		328495 -0.005	-0.5	-10		0.02
140	62/60	53	139.3							328496 -0.005	-0.5	-10		0.02
	60/60	15						145.9 @ 35° 149 @ 35°						
150	62/60	37						151 - 1.5-2 cm calcite @ 65° vein w/ good epidote in bounding rocks 151 @ 65°						
	56/60	50						8mm carb 154 @ 35° bx - / hem						
160	58/60	15						Healed biot fract 160.8 @ 35 161.1 - 1cm tension	HEM					
	58/60	0								328497 -0.005	-0.5	-10		0.02
170	57/60	13	170.1 Shear @ 45° Strongly hematitic and broken granite 174 @ 30°					Hematite 179 @ 30° bx		328498 -0.005	-0.5	-10		0.02
	60/60	31							HEM					
180			179.8 - 179.9 Bx texture											
	60/60	7	GRANITE Fresh K spar Wkly altered white plag Dusting of hem on black biot					181 @ 15° hem Trace epidote on fractures and some grain boundaries						
	60/60	34												
190	61/60	21												
	58/60	0						196 @ 15° 3mm carb		328499 -0.005	-0.5	-10		0.02

ANACONDA Minerals Company - DIAMOND DRILL RECORD

HOLE NO. KS. 84-8

Coord. _____ N _____ E Elev _____ PROPERTY _____

Bearing _____ Inclination _____ Depth _____ LOCATION _____

Started _____ Completed _____ Notes by BG STONE Feb 18/85 Scale 1" = 10' Sheet 3 of 3

DEPTH	% REC	A	ROCK TYPE	ALTERATION	B	C	D	E	MINERALIZATION		Graphic Col.	CORE ASSAYS Au	Ag	As	Hg	ppm
	61/60	27														
	56/60	16	GRANITE - very fresh slightly altered pkg coarsely porphyritic black biotite						206.8 - 5mm calcite @ 35 Traces of hematite dusting on biotite	205 @ 55° 206 @ 25° 206.8 209 @ 25°						
210																
	61/60	36	Very fresh looking						Calcite veinlets near bottom of hole are only significant mineralization			0.005	-0.5	-10	0.02	
	62/60	29								216.3 @ 35 217.1 @ 30°						
220																
	61/60	30														
	59/60	22								227 @ 15°						
230																
	60/60	30							233.8 @ 30° 2mm carb	232.5 @ 25° carb w/ mg1						
									236 @ 30° 8mm carb							
	59/60	40														
240									240 @ 30° 1mm carb							
			240 EOH													

ANACONDA Minerals Company - DIAMOND DRILL RECORD HOLE NO. 84-9

Coord. _____ N _____ E Elev _____ PROPERTY ROADSIDE, AZ

Bearing _____ Inclination -65° Depth 240' LOCATION NW of B[illegible] DIKE 1500'

Started _____ Completed _____ Notes by B.G. STONE Scale 1" = 10' Sheet 1 of 3

DEPTH	% REC	A	ROCK TYPE / ALTERATION	B C D E	MINERALIZATION	Graphic Col.	CORE ASSAYS	Au	Ag	As	Hg
			ROCK BIT THRU OVERBURDEN CASED TO 15'								
10											
			15' 15-60' CATACLASITE								
20	96/120	31	UNIT IS pale olive color intensely sheared looking with fragments throughout original rock type obscure. Rock composed of white/grey silica lenses and anastomosing networks as well as fragments. Some areas of grey fibrous mineral (sericite) common leucoxene pseudomorphs after sphene? Dark brown fragments of unknown clay-silica alteration. Areas w/ specular hematite and red oxide are fairly rare. Some fragments appear to have small qtz eyes and resemble rhy frags but overall the sense appears to be a highly fragmented granite with any original textures obliterated and all the micas gone to clay, sericite & possibly talcose minerals		15-56 Only weakly developed carbonate in some of the clayey portions The striped white shear bands are almost all siliceous	Shearing @ 70°	328501	0.014	-0.5	20	0.05
	67/48	33				40°	328502	-0.005	-0.5	23	0.05
						60°	328503	0.010	-0.5	13	0.03
30	126/120	51				65°	328504	-0.005	-0.5	-10	0.03
						55	328505	-0.005	-0.5	-10	0.03
40	60/60	35				70°	328506	0.021	5.4	-10	0.04
	56/60	24				35	328507	-0.005	2.9	-10	0.02
50	62/60	19			48.5 Clay rich breccia 50.9	30°	328508	-0.005	-0.5	11	0.01
	61/60	29			55-57 Common pale green 5G 7/2 mineral 56 slight increase in carbonate reaction 59 Matrix light olive brn 5Y 5/6	40 45°	328509	0.009	-0.5	-10	0.03
			59.5 FAULT CONTACT - COLOR CHANGE		59.2-3" bulk MAJOR FAULT?						
60	60/60	52	COARSELY PORPHYRITIC GRANITE Strongly hematitic w/ common qtz-calcite veinlets are mostly carbonate BIOTITE → HEMATITE		62 1" calc vn @ 30° 64 1½" calc vn @ 20°		328510	0.012	-0.5	19	0.03
	58/60	41	66 } Texture of a breccia 67.2		67.5 - ½" calc vn @ 30° 69 ¾" calc vn w/ ¼" hem microbx selvage		328511	-0.005	-0.5	16	0.01
70	62/60	51	70 } Texture of a breccia 73.3		73.3 ½" calc vn @ 70° 25° Hemobx cuts old qtz vn		328512	-0.005	-0.5	13	0.01
	121/120	103	78 Texture of a breccia 80		76.5 1½" calc vn @ 70° Common light olive brn 5Y 5/6 15° Hemobx cuts old qtz vn		328513	-0.005	-0.5	10	0.01
80			75.0 Strong green color due to chlorite development in rock. Very little hematite 81.8								
			84 CONTACT @ 60° Hematitic break								
	118/120	81	BRECCIATED RHYOLITE Fine grained siliceous aphanitic - Rare 1% 2-3mm feldspar phenos? 88.9 CONTACT @ 55° 1mm black qtz & hem microbx		Carb veinlets throughout Pale yellowish brown 10YR 6/2 Traces of specularite grains Carbonate in matrix. Some grey qtz veinlets in frags.		328514	-0.005	-0.5	16	0.01
90			COARSELY PORPHYRITIC GRANITE BRECCIA Hematitic matrix support with PEgr Clasts up to 6 inches. Brick red mylonitic matrix and zones around fragments indicate the whole unit is a breccia with a strong hematitic component.		Epidote sev/minor in portions of fairly fresh PEgr clasts. BIOTITE in many clasts is fairly fresh.		328515	0.021	-0.5	-10	0.01
	59/60	47					328516	0.031	-0.5	-10	0.01
							328518	-0.005	-0.5	12	-0.01

ACONDA Minerals Company - DIAMOND DRILL RECORD

HOLE NO. 84-9

Coord. _____ N _____ E Elev _____ PROPERTY ROADSIDE

Bearing _____ Inclination -65 Depth _____ LOCATION NW SC ACK DYKE 1500

Started _____ Completed _____ Notes by B.C. STONE Scale 1"=10' Sheet 2 of 3

DEPTH	% REC	A	ROCK TYPE / ALTERATION	B	C	D	E	MINERALIZATION	Graphic Col.	CORE	ASSAYS Cu	Ag	Pb	Zn
	63/60	47	BRECCIATED PORPHYRITIC GRANITE Strong hematite component surrounding clasts Biotite to 8-10 mm K feldsp to 1-2 cm P felsp to 8 mm.					BIOTITE in clasts is fairly fresh Almost no carbonate reaction to acid anywhere Clays are integral part of hem matrix		328 519	0.021	-0.5	12	0.01
	58/60	50						106 epid veinlets		328 520	-0.005	-0.5	21	0.01
110	62/60	58								328 521	0.015	-0.5	11	0.01
	56/60	54	119 Detach CONTACT @ 65° CHLORITIC BRECCIA					118 strong chlorite devel after biot some epid.		328 522	-0.005	-0.5	-10	0.01
120	62/60	40	RHYOLITE - intensely brecciated w/ strong hem veinlets v/vg epidote 121.1							328 523	0.021	-0.5	14	0.02
			BRECCIATED PORPHYRITIC GRANITE 122 strong chlor 123.3					OLIVE GREEN COLOR. CONT @ 80° 1.5" mylonite w/ lieseganig band		328 524	0.010	-0.5	-10	0.02
	57/60	52	126 CONTACT @ 50° microbx 3mm. RHYOLITE BRECCIA Fragments show micro banding typical of some clasts. Strong hematite veinlets 129					Fairly strong hematitic alteration.		328 525	0.014	-0.5	10	0.02
									HEM	328 526	0.010	-0.5	-10	0.01
130	60/60	51	MEDIUM GRAINED more equigranular granite Grain size less than preceding granite. Strongly incipiently fractured but not a breccia Biotite 2-3 mm K feldsp 3-5 mm P feldsp 2-4 mm					Moderate hematite and epidote veinlets throughout. 3-4 hem fract/inch		328 527	-0.005	0.5	10	0.01
	59/60	36							55 HEM	328 528	-0.005	-0.5	12	0.01
140	61/60	31						Carbonate almost non existent 135-240'	25°	328 529	-0.005	-0.5	-10	0.01
	55/60	32						Hem veinlets 40° Hematite hairline fractures approx 4-6/ft	60° HEM	328 530	-0.005	-0.5	-10	0.01
150	63/60	46	Fairly homogeneous unit							328 531	-0.005	-0.5	-10	0.01
	57/60	44						157.5 1" peg qtz vein @ 80°	Hem veinlet 10°	328 532	0.134	-0.5	13	0.01
160	62/60	37								328 533	-0.005	-0.5	-10	0.01
170	122/120	74							50 HEM	328 534	-0.005	-0.5	-10	0.01
			173 CONTACT WITH COARSER PEGMATITIC PHASE @ 40°						1cm Hem 40° 1cm Hem 60° HEM	328 535	-0.005	-0.5	-10	0.01
			173.2 Med grain - equig granite 177					175 Hemiba has calcite veins	35°					
180	119/120	56	Much coarser porphyritic granite Plag are all white to pale green Quartz is grey Biotite very fresh Traces of hairline epidote veinlets					Hematite hairline fractures 3-5/ft	50° 30 240 HEM	328 536	-0.005	-0.5	-10	0.01
									HEM	328 537	-0.005	-0.5	-10	0.01
	58/60	40							45° 50° 20° HEM HEM HEM	328 539	-0.005	-0.5	-10	0.01
190	61/60	19							1" Hemiba 70°	328 540	-0.005	-0.5	14	0.01
	58/60	32							1" Hemiba 30° HEM HEM HEM	328 541	-0.005	-0.5	13	0.01

ANACONDA Minerals Company - DIAMOND DRILL RECORD

HOLE NO. 84-9

Coord. _____ N _____ E Ele _____ PROPERTY ROADSIDE

Bearing _____ Inclination _____ Depth _____ LOCATION _____

Started _____ Completed _____ Notes by B.C. STONE 1/3/85 Scale 1" = 10' Sheet 3 of 3

DEPTH	% REC	A	ROCK TYPE / ALTERATION	B	C	D	E	MINERALIZATION	Graphic Col.		CORE ASSAYS ppm Au	Ag	As	Hg
	60/60	0	COARSELY PORPHYRITIC GRANITE. Phenos are white & slightly clay altered. Biotite is fresh					More hematite Hairline hem veinlets 199-215 3-5/ft.	10°	HEM 328 542	-0.005	-0.5	-10	0.01
	61/60	42	208.2 CONTACT w/ MICROBX @ 45°							328 543	-0.005	-0.5	10	0.01
210			DARK RED MICROBX 210					Intensely hematitic strong clay component	30°					
	60/60	21	COARSELY PORPHYRITIC GRANITE. Minor microbx zones. Biotite is white Green					Hairline hematite veinlets 2-3/ft		HEM 328 544	-0.005	-0.5	12	0.01
	43/60	29								328 545	-0.005	-0.5	11	0.01
220	60/60	18							25°	328 546	-0.005	-0.5	-10	0.01
	58/60	43							55	HEM HEM 328 547	-0.005	-0.5	-10	-0.01
230									55	HEM HEM				
	122/120	72	234 Below this point phenocrysts are foliated						80	328 548	-0.005	-0.5	-10	-0.01
			236 BRECCIATE GRANITE					Foliated phenocrysts	65° 60	HEM HEM				
			238.3 Mostly MED GRAIN GRANITE					Hairline hematite veinlets 5-7/ft.		328 549	-0.005	-0.5	-10	-0.01
240			240 EOH @ 9:30 am SAT DEC 22, 1984											

ANACONDA Minerals Company - DIAMOND DRILL RECORD

HOLE NO. RS 84-10 Formerly

Coord. _____ N _____ E Elev. _____ PROPERTY ROADSIDE [redacted] COUNTY ARIZONA

Bearing _____ Inclination -65 Depth 300 HQ LOCATION _____

Started 11-20-84 Completed 11-27-84 Notes by BC STONE Scale 1 INCH = 10 FEET Sheet 1 of 3

DEPTH	% REC	A	ROCK TYPE / ALTERATION	B	C	D	E	MINERALIZATION	Graphic Col.	Au	Ag	As	Sb	Hg
			0-30' Alluvium	OXIDES, SULFIDES, CLAYS, ACCESSORY				← N; orange 51' red; 41'; 17'2"						
10														
20														
30	12/12	0	RQD					Porphyritic - typical Roadside granite		0.021	-0.5	-10	25	0.02
	49/60	6	Most qtz vn 30-100' have specularite crystals within them					30-100' is all c-g granite w/ brick red matrix	70°	0.293	7.9	-10	14	0.03
	49/60	18						Breccia zones consist of frags of granite in red sandy clay matrix	10°	3.720	18.5	-10	-10	0.04
40	55/60	0							20°	0.490	1.1	-10	18	0.04
	60/60	10		& 10% Qtz vns					25°	0.859	-0.5	-10	12	0.03
50	70/60	4						← 49' Vug w/ purple fluorite (LAB) and specularite in qtz	45°	0.698	0.6	-10	-10	0.02
	55/60	0							60°	0.350	3.8	-10	22	0.01
60	60/60	0						62 Very broken core, some breccia frags in clayey matrix 65.5		0.255	3.0	-10	23	0.05
	55/60	0						Porphyritic granite - good hematitic alteration		0.053	1.9	-10	17	0.03
70	55/60	13		65° BRECCIA BCS				72 Good fragment breccia. May be a candidate for detachment. Frags to 2 inches in hematitic matrix	55	0.339	-0.5	-10	11	0.03
	32/60	0								0.062	-0.5	-10	22	0.02
80	61/60	0						80' TRANSITIONAL CONTACT	20°	0.099	-0.5	-10	13	0.03
	55/60	4						Good porphyritic granite. Typical Roadside type except for much more abundant qtz veins vicale cs and hematitic matrix		0.238	-0.5	-10	11	0.02
90	65/60	21							20	0.101	-0.5	-10	13	0.01
	61/60	9								0.007	-0.5	-10	20	0.01

ANACONDA Minerals Company - DIAMOND DRILL RECORD

HOLE NO. RS-84-10 (Ground)

Coord. _____ N _____ E Elev _____ PROPERTY Roadside - Mohave County, AZ

Bearing _____ Inclination -65° Depth - LOCATION [redacted]

Started 11-20-84 Completed - Notes by B. Stone + D. Bartlett Scale 1" = 10' Sheet Zones of 3

DEPTH	% REC	A	ROCK TYPE / ALTERATION	B	C	D	E	MINERALIZATION	Graphic Col.	CORE ASSAYS Au	Ag	As	Sb	Hg	ppm
100	61/60	35	Granite: rd-bn, porphyritic, feld. broken (5 mm ave), matrix: hematite (abnt)					sharp contact, looks banded w/ rk frags, vuggy drusy qtz, spec. hem.		0.346	-0.5	17	-10	0.02	
	55/60	28	feld. → sericite; alt. → clay + hem. in matrix, phenos moderately altered					cc, qtz; vuggy qtz, spec. hem in vugs; chl. dissem. amethyst? 3" zone		0.072	-0.5	20	-10	0.01	
110	59/60	47						cc vn, cut by qtz (5°); qtz vn → pseudomorphs of py; 3/4" banded qtz; bx		0.101	-0.5	20	-10	-0.01	
	18/24	5								0.027	-0.5	20	-10	-0.01	
	36/36	9								0.038	-0.5	25	-10	0.01	
120	55/60	9						bx qtz vns; rk flow matrix; rk frags > 1"; no foliation; several cc vns, sharp contact, no diffusion to wlrk		0.038	-0.5	15	-10	0.01	
	50/60	5	clyy,					qtz vn, fract., cut by cc vnlts (20°); cut by fracs (5°) hem. 5° strong		0.031	-0.5	29	-10	0.01	
130	64/60	25						qtz + cc vn, 1" thick; vuggy w/ drusy qtz; qtz vns, vuggy, all angles; bx vn 2" 5°		0.079	-0.5	14	-10	0.01	
	56/60	35	pervasive & extensive hem	138' 139'				qtz-cc vns		0.014	-0.5	13	-10	0.01	
140	62/60	51		1.5" qtz + hem				chl. alt. ⇒ harder rk; qtz vn 5" late qtz, spec hem cut bx vn; spec. hem + chl vns 90°		0.055	0.8	22	-10	0.01	
	58/60	18						3.5" qtz+cc; cc; 3-4 vns/ft : 3/8" thick qtz-cc		0.022	-0.5	25	-10	0.01	
150	58/60	37	151.5' CONTACT @ 15°					contact: rhy. exhibits chill zone (1/8") w/ minor qtz-alt/chl. qtz-cc-sp hem; 151.5 CNT @ 15°		0.009	-0.5	13	-10	0.01	
	46/60	0	rhyolite: lt gy, to pink, porph., 5-10%, lt-feld. phenos (1/16" dia.) aphanitic groundmass, no qtz phenos, 1% biotite ⇒ chlorite; feld. → sericite + chl.					highly broken, more sericite; RHYOLITE w/ epi on fx		0.010	-0.5	-10	-10	0.01	
160	58/60	30	fracs (< 1/16") healed by qtz, cc, spec. hem; pervasive hem. absent							0.010	-0.5	20	-10	0.01	
	55/60	25						qtz healed		0.007	-0.5	12	-10	0.01	
170	50/60	44		60 70°				cc-qtz; banding w/ qtz "eyes"		0.015	-0.5	17	-10	0.01	
	54/60	48	177' CONTACT @ 70°; massive, fn.grn. gray green andesite	70°				cc; 175 transition from hem to cc + chl (prop); 177 CNT @ 70°		-0.005	-0.5	17	-10	-0.01	
180	59/60	47						ANDESITE 70°		0.007	-0.5	20	-10	0.01	
	53/60	27								-0.005	-0.5	17	-10	0.01	
190	59/60	31	190.9 CONTACT 70°; porphyritic granite, w/ wk foliation 50°					pervasive & extensive hem. broken; 190.9 CNT @ 70°		0.019	0.5	17	-10	0.01	
	66/60	23								0.017	-0.5	25	-10	0.01	

ANACONDA Minerals Company - DIAMOND DRILL RECORD HOLE NO. RS-84-10 (Roadside)

Coord. _____ N _____ E Elev _____ PROPERTY Roadside - Mohave County, A.Z

Bearing _____ Inclination -65° Depth _____ LOCATION _____

Started 11-20-84 Completed _____ Notes by _____ Scale 1" = 10' Sheet 3 of 3

DEPTH	% REC	A	ROCK TYPE / ALTERATION	B C D E	MINERALIZATION	Graphic Col.	Au	Ag	As	Sb	Hg
200	60/60	34	PEgr porphyritic granite: red-brn w/ k fald phenos up to 1", 25% < 1/4 qtz phenos, foliation. wk-mod 45° to axis		Pervasive hem decreases down		0.017	-0.5	18	-10	0.01
	50/60	9	qtz, kfald, Relict biot. gone to hem.		Tr. epi dissem; 209 - 5' highly broken; decreased hem		0.014	-0.5	12	-10	-0.01
210	58	28			narrow bx zone 6" broken; 215 hem grades into prop alt. chl + epi		0.014	-0.5	32	-10	-0.01
	60/60	53			1/2" qtz (aplite?) bottom nearly hematitic 217; dissem chl-epi cc veinlts - prop		-0.005	-0.5	-10	-10	-0.01
220	63/60	41					0.009	-0.5	18	-10	-0.01
	55/60	43			fx controlled sericite; 225 - 5.5 w/bx along fx; 227 - 228 perv hem & ser alt along fx; 230 - 231 broken w/ wk ser		0.009	-0.5	14	-10	-0.01
230	61/60	36			gradational prop alt into perv		-0.005	-0.5	12	-10	0.02
	51/60	25	235 Begin strong linear; 237		foliation 50° to core axis, cut by 45° fx's; 237-238 transitional to sericitic alt of feldspars		-0.005	-0.5	16	-10	0.02
240	45/60	26	243				-0.005	-0.5	17	-10	0.01
	54/60	0			sericite pervasive; highly broken		0.026	-0.5	11	-10	0.01
250	55/60	31	Porphyritic granite				-0.005	-0.5	13	-10	0.01
	53/60	26	PEgr; Andesite w/ irregular contact		wk prop - fresh; wk prop - fresh						
			257.5 to 258 T. andesite w/ irregular contact dk gray - aphanitic		260 - 262 str hem + ser - broken zone; 36° cc		0.007	-0.5	20	-10	0.01
260	64/60	34	Porphyritic granite		folds → ser + clay		-0.005	-0.5	14	-10	0.01
	55/60	10			268 alt decreases, more coherent core, dec ser. 40°		-0.005	-0.5	16	-10	0.01
270	64/60	57	cataclastic texture wk foliation 30° to core axis		possible PE aplite 50; highly broken; 275 sericite inc.		0.010	-0.5	15	11	0.02
	61/60	42			wk hem (dec. hem - ser); wk alt of folds ser. dust		-0.005	-0.5	16	13	0.02
280	64/60	42	BRECCIA BGS →		gradation to prop-ser alt. broken; BG stone & hematitic breccia		-0.005	-0.5	-10	-10	0.01
	61/60	43	285 - 289 cataclastic w/ hem & wk sericite		fx controlled hem - ser - epi 45° 60°; prop to sericitic alt		-0.005	-0.5	-10	10	0.01
290	61/60	54			epi veins 55° 50°; ser after folds; dissem epi		-0.005	-0.5	13	-10	0.01
	60/60	56			qtz vn		-0.005	-0.5	22	-10	0.01

5. Fischer–Watt Phase 3 RVC drill logs

Kennecott - Utah Copper Corp. Site. NOTE: 40 Hour Intersection of RDD & WSH to N. Hole in mid Road.

PROJECT: ROADSIDE DDH # RS 86-1 BEARING: VERT. DIP: — TD: 300'

LOGGED BY: W.T.D. DATE: 8-9-86 SCALE: — CORE SIZE: —

FOOTAGE	RQD %	ROCK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu
	-20 20-80 +80	PEGM. RHYOLITE	BEGIN SET UP @ 6:15 AM; DRILL CREW ARRIVED @ 5:25 J.H. & WTD HERE @ 5:00 AM; TOLD THAT H2O TRUCK IS DOWN ALREADY GETTING WATER!							
0'	7:00AM	QTZ								
		RHY. + CLAY + FeOx	PINK TO LAVENDER RHY. <5% LIMONITIC, 75% HEMATITIC; HEAVIER FeOx on FRACTURES; ≈50% OF CUTTING SAMPLE IS CLAY!!	CLAY ARG.						
10'		RHY + CLAY FeOx	" " A BIT MORE FeOx STAINING.	CLAY						
20'			SALT & PEPPER RHYOLITE w/ FeOx SPECKLES							
		CLAY	RHY. IS WHITER & W/ LESS FeOx STAINING; ≈5% LIMONITIC (YELLOW) ≈60% CLAY; THIS SAMPLE IS WHAT DOG HOLES ON HILL IS IN!!!	CLAY						
30'			Δin CHIPS: ≈10-15% PREVIOUS SAMPLE; 70-80% RED TO PINKISH GREEN BUFF JASPEROID RHY. W/ CLEAR QTZ VEINLETS; 5-10% DARK GREEN TO BLACK MAFIC MINERAL (BRANITOID ??) W/ Cl⁻ ALT. ??; STILL ≈50% CLAY	Cl⁻ ALT. ??						
40'			40% FeOx SPECKLED SILICIFIED RHY; 60% DRK. BRN. JASPEROID LIKE RHY ≈20% CLAY → LARGER CHIPS; >> S2 CASTS	CLAY						
50'			≈50-52' BEGIN TO ENCOUNTER H2O (moist CHIPS)							
			≈20% FeOx SPECKLED RHY + 20% JASPEROID QTZ + 60% RHY. <10% Cl⁻ ALT. · <10% CLAY OR RHY.	CLAY + Cl⁻ ??						
60'			LOTS LESS CLAY → ≈2-5%; 75% FeOx SPECKLED RHY. 10% JASPEROID QTZ; 10-15% GRAYISH RHY W/ HEAVY LIMONITE;	<<< CLAY						
70'			SPECKLED RHY IS BUFF. 75% IS MOTTLED RHY. W/ HEAVY FeOx STAINING W/ FEW EUHEDRAL QTZ; 25% IS HEAVY LIMONITIC, <1% CLAY	—						
80'			SAME AS ABOVE BUT 10-15% LIMONITIC; <1% Cl⁻ STAINED QTZ	≈Cl⁻						
90'	*		10% FeOx SPECKLED RHY, 30% RED TO PURPLE FeOx STAINED QTZ (JASP. RHY.) ≈50% PALE GREEN RHYOLITE & W/ NO FeOx STAINING	NO						
100'										

Fischer-Watt Mining Co. Inc.

PROJECT: ROADSIDE DDH # RS 86-1 BEARING: VERT. DIP: — TD: 300'

LOGGED BY: W.T.D. DATE: 8-9-86 SCALE: _____ CORE SIZE: _____

FOOTAGE	RQD %	ROCK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu
			S							
0'										
		RHY +	SOME AS 90'-100' EXCEPT LESS SPECKLED QTZ	NO						
		+ +	≈1-2% SPECKLED RHY, REST IS LIMONITIC + FeOx RHY							
		RHY CLAY	≈5% POSSIBLE pE GRANITE; <5% CLAY	* CLAY RETURNS ARH.						
0'	8:30am	Δ +	YES → ≈50% pE GRANITE → GREENISH BLACK ≈20% OF WHICH IS SLIGHTLY FeOx STAINED; ≈50% IS LIMONITIC RHY.							
		GRANITE Δ	≈10% FeOx STAINED (YELLOW) CLAY	CLAY						
0'	TEXT VOICES & pEgr CONTACT	+ RHY +								
		" Δ " +	80% pE GRANITE → 20% OF WHICH IS FeOx STAINED							
			20% LIM. + FeOx STAINED RHY. <5% CLAY	CLAY						
10'		+ Δ Δ								
		" "	30% pE GRANITE ⇒ 70% OF WHICH IS FeOx STAINED							
		+	60-70% Fine GRAINED FeOx STAINED RHY; 5% CLAY	CLAY						
0'		+ GREEN QTZ ??	NO GRANITE! 40% PINKISH PURPLE FeOx SPECKLED RHYOLITE							
		+ + SPECKLED QTZ *	60% PALE GREEN QTZ. → LOOKS LIKE OATMEAL ORE!! NO CLAY; 1% FeOx STAINED	—						
	?	+ + SPECKLED GREEN QTZ	90% FeOx SPECKLED PALE GREEN QTZ; SUCROSIC?							
		+	10% FeOx STAINED CLAY ; LOOKS GOOD	CLAY						
		" "	SOME AS ABOVE; SOME OF QTZ IS PALE PURPLEISH BIT LESS CLAY	—						
0'		" "	" "	—						
	?									
0'		" "	100% FeOx SPECKLED PALE GREENISH PURPLEISH QTZ	—						
0'										

Siliciovs RHY DIKE

Fischer-Watt Mining Co. Inc.

PROJECT: ROADSIDE DDH # RS86-1 BEARING: VERT DIP: — TD: 300'

LOGGED BY: W.T.B. DATE: 8-9-86 SCALE: _____ CORE SIZE: _____

RQD %	ROCK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu
	GREENISH PURPLISH RHY. 10:00AM	100% FeOx SPECKLED PALE GREENISH PURPLISH QTZ <1% FeOx STAINED } VERY silicious RHY. OR TUFF	—						
?	" "	99% FeOx SPEC. GRN/PURP QTZ; 1% DRK BRN HEAVY FeOx STAINED QTZ	—						
	*	40% ; 59% FeOx RICH BRN/PURPLE SPECKLED RHY ≈1% GRANITE OR Cl⁻ ALT. STAINED QTZ.; SAMPLE DAMP & RED! SOME CLAY	< CLAY; PROP.						
		60% GREENISH SPECKLED RHY; 40% DRK. BRN FeOx STAINED QTZ ≈1% Cl⁻ ALT. IN QTZ; ≈ 20% OF WHOLE SAMPLE IS RED CLAY!	> CLAY						
	GREEN RHY GREEN GRANITE *	10% PALE GREEN FeOx SPECKLED RHY; 40% WHITE MED GRAIN NON-FeOx STAINED RHY.; 50% Cl⁻ RICH pE GRANITE W/ MOD. FeOx STAINING	< CLAY; <1%						
	" "	80% PALE GREEN SILICIOUS RHY. W/ ≈ 10% STAINING FeOx SPECKS 20% IS DARKER GREEN TO PURPLE; 50% Cl⁻ RICH GRANITE	< 1% CLAY						
	*	90% pE Cl⁻ RICH GRANITE W/ 10% OF IT FeOx STAINED 10% MICKY BLUISH QTZ; <1% CLAY POSSIBLY EXITING UPPER PLATE CONTACT OF VOLCS; pEGT	< 1% CLAY						
		100% pE Cl⁻ RICH GRANITE; ≈ 2% IS FeOx STAINED; NO CLAY!	PROP						
		100% pE Cl⁻ RICH GRANITE							
		" "							
TD.	11:25AM								

Fischer-Watt Mining Co. Inc.

PAGE 1 OF 5

PROJECT: ROADSIDE DDH # RS 86-2 BEARING: VERT DIP: — TD: 400'

LOGGED BY: W.T.D. DATE: 8-10-86 SCALE: CORE SIZE:

FOOTAGE	RQD %	ROCK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu
	~1:30PM	MIXED VOLCS. + ANDESITE +	MIXED VOLC.S + ≈40% GR.??							
		MIXED VOLCS. + JASPEROID +	≈20% JASPEROID + 80% MIXED VOLCS ; <5% PE gr.							
		MIXED VOLCS. + ANDESITE ??	MIXED VOLCS + 10% DK. GREEN ANDESITE ?? LITTLE CLAY							
	5:30AM 8/10	MIXED VOLCS. + JASP. +	HAVE CAVING — PROBABLY HAVE TO CASE IT — QUIT @ 3:00 18' TOTAL CASING — DRILLING OK. SAMPLE 30'-40' PROBABLY CONTAMINATED — HOLE PLUGGED ≈30% GRAY JASP. + 70% MIXED VOLC.S							
		MIXED VOLCS. CLAY +	" " FeOx STAINED MIXED VOLC.S ≈20% WHITE CLAY	CLAY ADD.						
		CLAY *	FeOx STAINED RYH. VOLCS.; FeOx SPECKS in ≈10% OF TOTAL VOLCS. <1% Cl⁻ ALT ; <5% CLAY VERY ALT.D VOLCS. ≈1% JASP. ≈60% CLAYS ; FeOx HIGHER	" " >> CLAY						
		VERY ALT.D. + VOLCS. +	CHIPS + DUST TURNED RUST RED >> FeOx ≈50% CLAY ALTD VOLCS. w/ ≈10% SHEARING, FeOx SPECKS LITTLE SiO2	>>> CLAY						
	6:35AM	" " + JASP +	" " + 5% DK BRN/PURP. JASP SHOWS SOME BANDING IN ALTD. VOLCS !!	" "						
			HAVE STOPPED WASHING ALL CLAYS FROM SAMPLES BOXES!							

Fischer-Watt Mining Co. Inc.

PROJECT: DONDSIDE DDH # RS 86-2 BEARING: VERT DIP: — TD: 400'

LOGGED BY: WTD DATE: 8-10-86 SCALE: _____ CORE SIZE: _____

FOOTAGE	RQD %	ROCK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu
	-20 +40 -80 -100									
0'		ALTD VOLCS + JASPEROID.	99% VERY CLAY ALTD MIXED VOLCS.; ≈1% JASPEROID <1% PALE GREEN Cl⁻ STAINED CLAYS; MORE LIMONITE	CLAY Alth.						
0'		RYH + JASP	MIXED > in SiO2 in entire sample + MUCH LESS CLAY 80% VOLCS. (Siliceous) + 20% JASPEROID; LESS YELLOW LIMONITE	ALL CLAY						
		"	"	"						
			SAW 1 CALCITE X-AL ; BIT LESS FeOx	"						
0'			"	"						
10'			Abun. SAW 1 CALCITE X-AL ; FeOx SPECKS (Sx CASTS) ABUNDANT. LESS JASPEROID	"						
		VOLCS. + JASP.	MIXED VOLCS + ≈ 2% QTZ							
5'		+ QTZ.	NO CALCITE SEEN HERE; LESS Sx CASTS BUT > FeOx + LIMONITE GRAY → BIT MORE JASP.; LIMONITE RESTRICTED TO CLAY ALTD. VOLCS							
		ALTD PALE GREEN VOLCS	PALE GREEN ALTD. VOLCS w/mod FeOx SPECKS (SAME UNIT I mis-called in DH RS BG-1) ≈10% PURPLE SiO2 RICH RHY.; LOSS in FeOx	>>> ALTD VOLCS.						
0'		VOLCS.	≈60% FeOx STAINED VOLCS → SiO2 RICH							
		ALTD VOLCS.	40% PALE GREEN ALTD VOLCS.; BOTH PERVADED w/ Sx CASTS	LESS ALTD VOLCS.						
5'		"	" LESS Sx CASTS	"						
		"	≈30% PALE GREEN ALTD. VOLCS	"						
			70% FeOx STAINED ALTD VOLCS.							
5'		pE Gr. ALTD VOLCS	20% FeOx STAINED ALTD VOLCS. 80% DK. GREEN CRUSHED pE gr.							
5'		pE gr.	100% pE Gr.; ≈5% is FeOx STAINED							
5										

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PROJECT: ROADSIDE DDH # RS 86-2 BEARING: VERT DIP: — TD: 400'

LOGGED BY: WTD DATE: 8-10-86 SCALE: _____ CORE SIZE: _____

FOOTAGE	RQD %	ROCK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu
	20 40 60 80 100									
5		pt gr. ALTD.	100% pt gr.; ALTD; w/ 2% FeOx stain	—						
		" "	" "	—						
		" "	" "	—						
		" "	" "	—						
		" "	" "	—						
		" "	STILL SEE ALT. HALO'S AROUND FELD. PHENOS & CRUSHED BIT LESS FeOx	—						
		" "	" " SEEMS TO BE MORE QTZ!	—						
		" "	STILL CRUSHED GR.; BIT MORE Cl⁻	—						
		" "	LESS CRUSHED BUT STILL LOTS OF Cl⁻	—						
	85; 20 cm	" "	" "	—						

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PROJECT: ROADSIDE DDH # DS86-2 BEARING: USGT DIP: — TD: 400'

LOGGED BY: WTD DATE: 8-10-86 SCALE: CORE SIZE:

FOOTAGE	RQD %	~~[illegible]~~ RK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu
		PEgr	PEgr w/mod FeOx staining, less Cl⁻; less crushing	—						
		"	PEgr w/ heavy FeOx staining; still less Cl⁻	—						
		"	"	—						
		"	⊗ ≈ 295' lost return + got wet chips	—						
		"	Chip return back to normal; still heavily FeOx stained gr. Few Qtz veinlets x-cutting gr.; still minimal Cl⁻ alt.	—						
		"	"	—						
		"	no Cl⁻ mins.	—						
		"	"	—						
		"	Same as above; a bit more Cl⁻ mins.							

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PROJECT: ROADSIDE DDH # RS 86-2 BEARING: VERT DIP: — TD: 400'

LOGGED BY: WTD DATE: 8-10-86 SCALE: _____ CORE SIZE: _____

FOOTAGE	RQD %	FRACTURING	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu
	10:00 am		A LOT LESS FeOx; LOOKS LIKE PLAIN OLD' UNALTD. pE gr.	—						
			~95% PALE BUFF QTZ; ~~FeOx~~ STAINED W/ FEW FeOx SPECKS W/ OXIDIZED HALOES; 5% pE gr. LOOKS GOOD!! → RHY?	—						
			50% PALE GREENISH BUFF QTZ W/ FeOx STAINING 50% DARK BRN QTZ W/ HEAVY FeOx ⇒ OR FeOx STAINED pE gr.	—						
	INTO LOWER PLATE pE gr?		BACK TO 99% FeOx STAINED pE gr. 1% PALE BUFF QTZ W/ FeOx STAIN.	—						
			100% pE W/ MOD. FeOx STAIN	—						
			" UNALTD pE gr	—						
	11:00 am		DRILLING GOT TUFF & SLOW - MOIST CHIPS							
			DO NOT RE-ENTER HOLE — 8' OF CASING LEFT IN HOLE. ABOUT 4-6' DOWN - TRIED TO FISH OUT BUT COULDN'T.							

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SITE, 135' FROM [illegible] HOUSE PIT ON SW SIDE OF [illegible]

BLACK LAKE

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PROJECT: [illegible]SIDE DDH # RS 86-3 BEARING: [illegible] DIP: — TD: 400'

LOGGED BY: W.D. DATE: 8-11-86 SCALE: CORE SIZE:

RQD %	FRACTURING	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu
		BEGAN TO CASE [illegible] @ ≈ 1:00 pm — 10' OF IT in at 2:30 — RIG IS HOT & NEED ANOTHER 10' OF CASING CALLING IT A DAY! BE BACK @ 5:00 AM TOMORROW							
		8/12/86 5:00 AM: BEGIN WORKING CASING AGAIN; 6:00 AM BEGINNING TO LOOK ??? IT TAKES TO DRILL HOLE — RECON. OF AREA SHOWS IN-SITU ROCK 30-40' WEST — MAY MOVE TO THERE. CLOUDY THIS AM.	TOTAL HRS ON LOST HOLE = 3 HRS						
		6:30 AM — ABANDON HOLE → 7' BELOW 20' OF CASING AND STILL VERY SOFT SAND → TOO MUCH TIME SPENT ALREADY: MOVING HOLE 40-50' WEST OF THIS SET-UP!	TOTAL HOLE LOSTA = 40'						
		CONTINUE HOLE @ 7:15 — ONLY 1.5 OF GRAVEL SET TOP & BEGIN DRILLING @ ≈ 7:25	5:00 AM → 7:00 AM FROM OUT OF LOST HOLE TO MOVE = 2 HRS						
		40% [illegible] VERY [illegible] VOLC. TUFF 60% mixed PE gr + [illegible]	—						
		45% WHITE SiO2 [illegible] → [illegible] WHITE → [illegible] → [illegible] 55% RED GR. MIX ??							
SiO2 RICH TUFF		100% [illegible] DIKE TO [illegible] SiO2 RICH TUFF							
TUFF		100% WHITE TUFF; MUCH SOFTER → LL SiO2 MINIMAL FeOx STAIN							
		" W/ ≈ 10% PALE GRAY BASPERLOID							

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PROJECT: Rondosios DDH # RS 86-3 BEARING: VERT. DIP: — TD: 400'

LOGGED BY: W.D. DATE: 8-11-86 SCALE: CORE SIZE:

RQD %	FRACTURING	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu
	TUFF	100% PINK TO LAVENDER SiO2 RICH TUFF w/ ≈ 30% FeOx STAINED							
	TUFF + RHY PRY	≈60% PINK/LAVENDER TUFF 40% RED RHY. PRY. → VERY HARD → WHITE PHENOCRYSTS ≈ 25%							
≈8:30 AM		95% PINK TUFF → SMALL SiO2 VEINLETS 5% RED RHY. PRY.							
	TUFF	100% PINK TO LAVENDER SiO2 RICH TUFF w/ MOD. FeOx STAIN							
	TUFF + RHY PRY	" "							
		" "							
	TUFF	100% TUFF-LIKE VOLCS ; NO RHY. PRY ; 20% FeOx STAINED ≈ 2% GRAY JASPEROID W/ SMALL VEINLETS							
	VOLCS	100% PINK TO GRAY VOLCS ; VERY SILICIOUS ; 10% FeOx STAINED							
	VOLCS.	" BIT MORE CLAY ALT. ??	CLAY ???						
	VOLCS	"							

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PROJECT: ROADSIDE DDH # RS 86-3 BEARING: VERT DIP: — TD: 400'

LOGGED BY: WTD DATE: 8-11-86 SCALE: CORE SIZE:

RQD %	FRACTURING	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu
9:35 am	Volcs	100% PINK TO GRAY-BUFF VOLCS.; MIN CLAY ALT → RHY ←							
		" STILL VERY SILICEOUS LESS FeOx							
		" STILL LESS FeOx							
		"							
		"							
		"							
		"							
		" BIT MORE FeOx STAIN							
		" BIT LESS FeOx STAIN							
		100% VERY SILICEOUS VOLCS; 20% OF WHICH ARE FeOx STAINED SOME CHIPS ABUNDANT. BRN FeOx VEINLETS IN THEM							

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LPT 670 RIG1

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PROJECT: ROADSIDE DDH # RS 86-3 BEARING: VERT DIP: — TD: 400

LOGGED BY: WTD DATE: 8-11-86 SCALE: _____ CORE SIZE: _____

RQD %	FRACTURING	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu
		100% BROKEN & CRUSHED Cl⁻ RICH pEgr w/MOD. FeOx STAIN.	Cl⁻						
		" ≈10% w/FeOx veinlets in gr.	"						
		" ≈ LESS TOTAL FeOx	" "						
		"	< Cl⁻						
		DUMP SAMPLE - ADDN RETURN!! STILL BRK-CRUSHED pE Gr. w/FeOx veinlets in ≈10% OF TOTAL SAMPLE							
		"	<< Cl⁻						
		" >> FeOx	<< Cl⁻						
		"	" "						
1:30 pm		Cl RICH pE gr.; VERY LITTLE FeOx STAIN; NO FeOx VEINLETS SEEMS TO BE LESS BROKEN.	>> Cl⁻						
		SAME							
1:45 pm		VERY MOIST CHIPS. [illegible] pE gr.							

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BURT HILL

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PROJECT: ROADSIDE DDH # KS 86-1 BEARING: SAME DIP: 61° TD: [illegible]'

LOGGED BY: WTD DATE: 8-13-86 SCALE: _____ CORE SIZE: _____

RQD %	FRACTURING	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu
		5 on to 8 in – [illegible] Δ [illegible]; Δ [illegible] BIT GENE ATTEMPTING TO DRILL W/O CASING.							
		8:00 AM [illegible] (w/ H_2O)							
		A – [illegible]							
		VERY WET (SOGGY) SAMPLES [illegible] ⇒ [illegible] NO SAMPLE RECOVERY							
		↓							
		38' AIR WHITE VOLCS. < HOLE GOING OK W/O CASING BUT [illegible] TO USE H2O THE WHOLE WAY ALL SAMPLES WILL BE WET!!!							
		WHITE TO BUFF ALTD. VOLCS. W/ ≈70% QTZ?? MOD. FeOx	VERY CLAY ALTD RHY + MIXED VOLCS TUFFS??	VERY SOGGY WILL NOT SETTLE — NOT ENOUGH TOTAL SAMPLE FOR ASSAYS. TIME CONSUMING TO COLLECT; MUST SCREEN [illegible] LOG HOLE LATER					
		LARGE CHUNKS OF VERY ALTD VOLCS ≈ 80%; 10% FeOx DRK. RED JASP. W/ DARK RED TO BLACK/BRN FeOx							
		ALTD VOLCS. W/ ≈20% Li RICH pE gr. WHICH IS VERY BRK. ≈10% QTZ ??							
		Δ in core @ 73' ⇒ PINK-RED >>> FeOx LESS pE gr; FeOx SEAMS in RHY ??							
9'10 Am		VERY GOOD LOOKING ROCK ⇒ ≈ 30% WHITE + BRN RED JASP. W/ VEINLETS QTZ VEINLETS IN ALTD. VOLCS							
*		[illegible] – [illegible] ALTD VOLCS + QTZ W/ BANDING! } AUTO BRECCIA !!!	LL CLAY ALT.						

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PROJECT: Ponderosa DDH # RS 86-4 BEARING: S24E DIP: 61° TD: 370'

LOGGED BY: WTD DATE: 8-13-86 SCALE: _____ CORE SIZE: _____

RQD %	FRACTURING	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu
		80% vols + 40% QTZ or QTZ rich vols. Some micro veinlets → some ALTD-BRECCIA ?? <1% of chips w/ Sz casts (pyrite)							
	Andesite FeOx rich vols + QTZ	Excessive FeOx stained SiO2 rich vols + QTZ } Andesite many QTZ veinlets							
		Less FeOx → ≈ 50% w/ Sz specks (casts) ≈ 50% ALTD vols; 50% Andesite HOT LOOKING RK	CLAY						
10:00am		Bit more ALTD vols; ≈ 5% w/ FeOx veinlets "	CLAY						
		50% CLAY, 50% Andesite "	—						
		60% SiO2 rich RHY; 35% DRK RED Andesite; 5% JASPEROID ??	—						
	SiO2 rich RHY	≈100% SiO2 rich RHY; some CHERT + few QTZ veinlets	—						
Small chips small sample		>>> FeOx; mostly ALTD. RHY + ≈ 5% CHERTY R.; <1% QTZ	Argil.						
		Less FeOx; 100% ALTD vols.	↓						
		60% Andesite → very SiO2 rich w/ QTZ ? + FeOx banding ≈ 20% Green waxy soft mineral → PROP. ALT; ≈ 40% ALTD vols.	PROP. ALT. ??						
		100% ALTD siliceous vols. (RHY); still see <10% green waxy min. ≈ 5% w/ Sz casts							

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PROJECT: ROADSIDE DDH # RS 86-4 BEARING: 524E DIP: 61° TD: 310'

LOGGED BY: DATE: SCALE: CORE SIZE:

RQD %	FRACTURING	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu
		SAME AS LAST SAMPLE	ARG.						
		" ; FEW DARK FEOX STRINGERS							
		" ; ≈ 10% RED JASPEROID ??							
		" LESS JASPEROID							
RHY + AND *		20% RED BRN ANDESITE ; 80% ALTD RHY + 5% GREEN WAXY MIN. 5 OZ CONTENT UP.	ARGR + ARG						
QTZ + AND. + RHY *		≈ 20% FEOX (SURFACE) STAINED QTZ ; 60% SILICEOUS ALTD RHY + 20% ANDESITE							
ANDESITE *		99% BRN ANDESITE + 1% FEOX (SURFACE) STAINED QTZ							
ANDESITE		100% ANDESITE							
11:45 AM ANDESITE		" W/ ≈ 5% GREEN ALT. MIN → CL ?? ; SERPENTINE ? EPIDOTE	CL ?						

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PROJECT: ROADSIDE DDH # RS86-4 BEARING: 324° DIP: 61° TD: [illegible]

LOGGED BY: WTA DATE: 8-13-86 SCALE: _____ CORE SIZE: _____

RQD %	FRACTURING	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu
20 40 60 80									
→ VOLCS		APPEARS TO BE ALTERED BACK INTO RHYOLITE BUT IS STILL SAME COLOR AS ABOVE; LOTS OF PLAG. HARDER TO SEE; SAND ONCE PRESENT.	→						
	A	//							
	+ + A	//							
	+	//							
	+	BACK TO RHYOLITE SAND SAMPLES → PROBABLY CONTAMINATED							
RHY *		SiO_2 CONTENT >>; 50% OF CHIPS ARE WHITISH TO BUFF; → RHY. SOME BROWN BROWN PIZ → CALCEDONIC; STILL SOME QUESTIONABLE ANDESITE??	ARG.						
	+	100% ALTD RHY; ≈ 70% W/SPECKLED SILICIFIED; 40% BROWN BRN CALCEDONIC PIZ. >> SiO_2	ARG.						
2' Span	+	//							
RHY + ANDESITE	VERY SILICIFIED RHY + ANDESITE; CALCEDONIC VEINLETS NO LONGER SEEN								
	+ A +	//							
	+	//							
	+ A	//							
	+	// BIT MORE SiO_2							

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PROJECT: [illegible] DDH # DS86-4 BEARING: S24E DIP: 61° TD: 310'

LOGGED BY: [illegible] DATE: 8-13-86/8-14 SCALE: _____ CORE SIZE: _____

RQD %	FRACTURING	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu
		40% ALTD. RHY.; 10% ANDESITE; <1% GREEN WAXY MIN.	ALTD; PRO?						
LAST 5' VERY SMALL SLOW WET	+ A +	50% WHITE TO BUFF ALTD. RHY.; 50% ANDESITE <1% QTZ VEINLETS w/ FELDS.							
3:30 pm	STOP FOR THE DAY								
6:30 am 8/14	⇒ BEGIN WASHING HOLE ⇒ FIXED CAMP FROM 5:00 AM TO 6:30 AM								
8/14/86	HOLE HAS CAVED HAD TO TRIP OUT ≈100' & ADD LOTS H2O TO SAVE HOLE UNPLUGGED @ 8:30 AM & NOW RE-ENTERING → HOPE IT HOLDS FOR LAST 100'								
8:50 TRING TO PLUG AGAIN	50% ANDESITE 45% WHITE TO BUFF RHY.; 5% QTZ +								
9:20	HOLE SCAVENGED; WILL TRY TO WASH & SAVE IT ONCE MORE!! SAVED HOLE ??? BEGIN DRILLING; LOTS OF H2O IN HOLE → NEXT FEW SAMPLES WILL BE CONTAMINATED								
ANDESITE + RHY	A + * 90% ANDESITE → CRUSHED ?? >> FLOX; 10% ALTD. RHY; VERY SILICIFIED								
11:15	→ BIT PLUGGED ?? TRYING TO CLEAN IT TRIPED OUT → ENDED DAY @ 11:30 → ASK BUD ABOUT HOLE BUD SAID A.B. INDEF								

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S 24E ; 24' from DH6

BURT HILL

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PROJECT: KOOTENAY DDH # RS86-5 BEARING: VERT DIP: _____ TD: 430'

LOGGED BY: _____ DATE: 8-16-86 SCALE: _____ CORE SIZE: _____

RQD %	FRACTURING	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu
		5:00 am - 7:00 WORKED ON RIG !! ⇒ WORK WASN'T DONE YESTERDAY NO DRILLING YESTERDAY 8/15/86. CLEANED UP SITE - PLUGGED DH RS86-4 READIED FOR NEXT HOLE. RIG ALREADY SET UP FOR VERT HOLE ≈ 51' S 24E FROM DH RS86-4. HOPE THIS ONE GOES BETTER!							
7:30 am		MIXED GRAVELS → NO SAMPLE							
		MIXED GRAVELS DOWN ⇒ RIG POURING ATF							
8/20/86 7:00pm		BEGIN NITE DRILLING · SAME HOLE							
8:00pm		OUT OF GRAVELS INTO ROCK → ALTD RHY/MOD. FOR STAINING	ARGI.						
		VERY ALTD. VOLCS + 10% QTZ??							

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PROJECT: ROADSIDE DDH # RS86-5 BEARING: VERT DIP: — TD: 430'

LOGGED BY: WTD DATE: 8-20-86 SCALE: _____ CORE SIZE: _____

RQD %	ROCK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu		
	+ +	WHITE ALTD VOLCS. (~~TUFF~~ RHY) ?? <AIPS VERY HARD TO SEE @ SITE	ADV 1								
	+ +	DAMP RED CLAY + MINED VOLCS.									
9:05	+ + *	100% ALTD RHY W/ABUND. Sz CASTS >> SiO2	>>SiO2								
	+ +	" "									
	+ +	SAME AS ABOVE; BIT LESS FeOx SPECKS; BIT LESS SiO2 MORE CLAY	< SiO2 > ADV.								
	+ +	" " <1% w/ FeOx SPECKS MORE TOTAL FeOx STAINING									
	A +	50% ALTD RHY + 50% ANDESITE; BOTH ARE ALTD; LESS FeOx									
	+ A	80% ALTD RHY + 20% ANDESITE VERY CLAY ALTD.	>>> ADV. CLAY								
	+ A +	50% RHY (ALTD.) + 50% ANDESITE → ≈<1% PROP. → GREEN CLAYS BEGINNING TO SHOW FeOx STAINING SPECKS VERY SOFT.	ADV + PROP.								
	A +	80% ANDESITE; 20% ALTD RHY; FEW MORE FeOx STAINS NO PROPOLITE SEEN									
	+ A +	≈90% ALTD RHY + 10% ANDESITE									
10:00	+	≈3% PROPOLITE; ≈50% TOTAL SAMPLE W/ FeOx STAINS + Sz CASTS	>>SiO2; >> PROP								

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PROJECT: ROADSIDE DDH # RS86-5 BEARING: VERT DIP: — TD: 430'

LOGGED BY: WTD DATE: 8-20-86 SCALE: CORE SIZE:

RQD %	FRACTURING	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu
		90% ALTD ANDESITE + 10% VERY ALTD RHY ≈ 2% PROPYLITE; POSSIBLE SMALL QTZ VEINLETS in RHY ???	PROP. + ARGIL.						
		MIXED RHY (ALTD.) 75% + ANDESITE 25%; ≈ 1% QTZ w/ FeOx VEINLETS ??	>> SiO2 ARGIL.						
		90% ANDESITE w/ NO SEEN PROP.; 10% RHY	ARGIL; << SiO2						
		100% ANDESITE	MOD. ARG.						
		100% ANDESITE; ≈ 2% QTZ; FEW SZ CASTS	>> SiO2						
		75% VERY ALTD RHY + 25% ANDESITE	<< SiO2						
	VERY DARK GRAY	[illegible] HEAVY FeOx STAINED ANDESITE							
11:30		HEAVY CLAY - SLIP CALLS ON IT → FeOx STAINED HEAVILY							
	FAULT CONTACT	CLOSE TO WET DRILLING !!; SiO2 RICH ANDESITE + 10% RHY → CLAY ??	>> SiO2 + ARGIL						
12:00		TWEEN BRAINS RHY + HEAVY QTZ; FEW SZ CASTS TAN ≈ 10% ANDESITE	>>>> SiO2						

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PROJECT: ROADSIDE DDH # RS86-5 BEARING: [illegible] DIP: — TD: 430'

LOGGED BY: [illegible] DATE: 8-20/86 SCALE: _____ CORE SIZE: _____

RQD %	FRACTURING	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu
100 90 80 70									
		FINE GRAINED ANDESITE W/ ≈ 10% GREEN QTZ; SEEMS TO BE BRECCIATED ANDESITE	DISSOL						
	A	" W/ 25% GREEN QTZ " "	" "						
*	GREEN QTZ	NOT GOOD ENOUGH SAMPLE FOR SPLITS OR TO BOTH 5' SAMPLES!							
12:35	A	" LESS GREEN QTZ; MORE BULLISH QTZ MORE CLAY	ARG.						
	A	" BULLISH QTZ; SOME (≈ 10%) PROP. ALT. AND.	ARG + PROP						
	A	" QTZ; LESS CHLORITIZED	" "						
	A	NO QTZ " SAME PROPYLITE	PROP + ARG						
	A	"	" "						
	A	"	" "						
	A	"	"						
	A	"	"						
	A	"	"						
	A	100% ANDESITE WHERE ALTERED	PROP						
2:30 am									

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PROJECT: [illegible] DDH #: [illegible] BEARING: [illegible] DIP: _____ TD: 430'

LOGGED BY: [illegible] DATE: [illegible] SCALE: _____ CORE SIZE: _____

RQD %	FRACTURING	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu
20 40 60 80 100									
	A	100% PROP. ALTD. ANDESITE → ≈ 20% PROPYLITE							
	A								
	A								
4:30am	A								
	A								
	A								
	A	" ≈ 30% PROPYLITE							
	A								
	A	100% PROP. ALTD. ANDESITE ⇒ 50% PROPYLITE BIT OF QTZ.							
	A								
	A	" BIT MORE QTZ.							
	A								
	A	"							
	A								
5:30am		T.D. OUT OF HOLE; Broken D-rods on last rod; rods haven't [illegible] in [illegible] 60'							

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S 24E 34' FROM DH 4 BURT HILL

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PROJECT: ROADSIDE DDH # R86-6 BEARING: AZ 4 DIP: 60° TD: 340

LOGGED BY: WTD DATE: 8-21-86 SCALE: CORE SIZE:

RQD %	FRACTURING	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu
7:00 pm		MOVE RIG - CASE HOLE 10' DRILLING							
8:45 pm		BEGIN DRILLING NO SAMPLE → MIXED GRAVEL DESCRIPTION							
		APPEARS TO BE IN ROCK; SAMPLE SAND [illegible] ROUNDED GRAVELS 50% [illegible] RHYOLITE ??							
		STILL MIXED → QTZ RED RHY + GRAVELS	ARG						
		LARGE ROUNDED GRAVELS + WHITE TOPPER [illegible] SOME CHX W/ FOX FRACTS							
		QTZ HIGH RHY W/ [illegible] QTZ → RED → FOX RHY CHX	SILC						
9:45		JASPEROID [illegible]	SILC						
	SWITCH	ALTD. FOX STAINED RHY - MOD. QTZ	ARG						
	GOT HANDLE SMALLER CHIPS	~~[illegible]~~ MOD QTZ ?? RHY; LITTLE QTZ (MORE CLAY)	~~[illegible]~~						

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PAGE [illegible]

PROJECT: [illegible] DDH #: RS96-[illegible] BEARING: [illegible] DIP: [illegible]° TD: 340'

LOGGED BY: [illegible] DATE: [illegible] SCALE: CORE SIZE:

RQD %	FRACTURING	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu
		QTZ RICH RHY, JASPEROID, <1% PROP. ALT. (LESS CLAY)	>>SILICA PROP.						
		LOOK FILLERS — SMALLER, CHIPS → GOOD LOOKING RK.							
		MED. LINE STRAINER 50% GRAY SILICIOUS ANDESITE / 50% RHY							
10:30 pm		50% FINE GRAIN GRAY ANDESITE DIKE; VERY SILICIOUS (50% FeOx STAINED RHY.) ?							
		VERY SILICIOUS ANDESITE w/ HEAVY FeOx; 30% GRAY QTZ; ALL REPL. ALT'D. JUGS w/ FeOx LINING	>>SILICA ALTERATION	→ LOOKS GOOD					
		// //							
		MORE RHY — 70% 40% VERY ALT'D + SILICIOUS; LESS GRAY FINE GRAINED ANDESITE STILL VERY SILICIOUS	SILICA						
		50% TUFF — SLIGHTLY WELDED w/ FIAMME; 20% RHY w/ FeOx STAINING 30% FINE GRAINED ANDESITE	<SILICA						
		30% TUFF; 50% FINE GR. DIKE - 20% RHY; STILL LESS QTZ							
		100% FINE GRAINED ANDESITE/FELS. RHY DIKE ??							
		// BIT MORE QTZ	+ SILICA						
		100% TUFF VARIANTS RHY TUFF, MOD SILICIFIED 4-1% PYRITE	ARGILLIC + PROP						

Fischer-Watt Mining Co. Inc.

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PROJECT: ROADSIDE DDH # 1586-6 BEARING: VERTICAL DIP: 60° TD: 340'

LOGGED BY: WTD DATE: 8/21/86 SCALE: CORE SIZE:

RQD %	FRACTURING	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu
20 30 40 50 60 70									
A *		≈5% VERY FINE GR. DK. DIABASE RR ⇒ NO PHENOS SEEN; 80% VERY ALTD. DK GRAY ANDESITE 5% BUFF RHY.	PROP						
+ A		50% ALTD (almost 100%) RHY & 50% AND. (Same Fine Grained) BIT. MORE SULF.	PROP, ARG, >5% Oz						
A + A +		100% GRAY-GREEN ANDESITE — PROP. ALTD. - Same fine grained	PROP.						
A A+ A + A A		50% AND. - 50% RHY ??	PROP						
12:35 am A + + +		80% RHY → RED — BITRICH; 20% GRAY ANDESITE							
A A + A									
A + * +		90% ANDESITE → 1/2 OF WHICH IS FINE GR. (DIABASIC) 10% RED ALTD RHY.							
1:25 am A		Hammer Drill + TRIPOD TO GROUND							
5:00 am		ECO ROADBED ALL ABOVE — DEEP [illegible]							
7:00 am 8/22		BEGIN AGAIN @ 240' STILL IN ANDESITE W/ SLIGHT FeOx STAIN							
A A		100% ANDESITE (DIABAS 10% RHY → RED) FINE GR. (DIABASIC) ∠ FeOx	PROP						

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PAGE 4 of 4

PROJECT: Rodeshia DDH # RS86-6 BEARING: N74W DIP: 60° TD: 340'

LOGGED BY: WTD DATE: 8-27-86 SCALE: _____ CORE SIZE: _____

FOOTAGE	RQD %	FRACTURING	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu
		A A A A A A A A A A A A A A A A A A A A	100% GRAY-GREEN ANDESITE → 50% FINE GRAINED PROP OCT. D " BIT DARKER GRAY BIT FINER GRAINED " NO BIT MORE PORPHYITIC	PROP						
10:00pm 11:45			BIT PLUGGED; TRYING TO WASH IT OUT NOTICE: TRIPPING OUT !!! BIT VERY PLUGGED — GENE SAID COULD GO NO MORE !!! I AGREE TRIPPED OUT @ 12:45 AM → AM MOVING TO NEXT HOLE							

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N50E 18' From CH B-M24 (Footwall Drift) → SUNSHINE ←

PAGE 1 of 1

PROJECT: [illegible] DDH # [illegible] BEARING: [illegible] DIP: [illegible] TD: [illegible]

LOGGED BY: [illegible] DATE: [illegible] SCALE: _____ CORE SIZE: _____

RQD %	ROCK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu		
20 40 60 80 100											
		Finished [illegible]									
1:45 Am	[illegible]	80% [illegible]									
		100% [illegible]									
		[illegible]									

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PAGE _____

PROJECT: [illegible] DDH # [illegible] BEARING: [illegible] DIP: [illegible] TD: [illegible]

LOGGED BY: [illegible] DATE: [illegible] SCALE: _____ CORE SIZE: _____

RQD%	ROCK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu		
20 40 60 80 100		100% pE gr w/ [illegible] TD.									
		Very [illegible] pE gr [illegible] Qtz rich	[illegible]								
		" [illegible]									
		100% pE gr w/ [illegible] clay									
	Drilling [illegible] Comb [illegible]										
	[illegible]										

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PROJECT: [illegible] DDH # [illegible] BEARING: N DIP: [illegible] TD: [illegible]

LOGGED BY: [illegible] DATE: [illegible] SCALE: [illegible] CORE SIZE: [illegible]

RQD %	ROCK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu		
20 40 60 80 100		[illegible] pegr [illegible] oxidized rock									
		100% pegr w/ mod fox [illegible]									
		[illegible]									
		100% pegr [illegible]									
		100% pegr [illegible]									
		[illegible]									
		[illegible]									

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PROJECT: ROADSIDE DDH # [illegible] BEARING: [illegible] DIP: 60° TD: [illegible]

LOGGED BY: WTD DATE: 8-26-86 SCALE: _____ CORE SIZE: _____

RQD%	ROCK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu
20 40 60 80 100									
	Δ	100% pé gr; little ct act.; mod FeOx stain	[illegible]						
	Δ	" "	[illegible]						
	Δ								
	Δ	ct [illegible] pé gr; [illegible] FeOx	ct [illegible]						
	Δ Δ	"							
	Δ								
	Δ	" [illegible] ct. [illegible]							
4:25 mm	Δ	" [illegible] ct; [illegible] FeOx	[illegible]						
	Δ								
	Δ	"							
	Δ								
	Δ	[illegible] ct							
	Δ								
	Δ								
	Δ								
	Δ								
	Δ	[illegible] pé gr							
	Δ								

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PAGE [illegible]

PROJECT: Paradise DDH # [illegible] BEARING: N 30° E DIP: 60° TD: [illegible]

LOGGED BY: [illegible] DATE: 8-24-86 SCALE: _____ CORE SIZE: _____

RQD %	ROCK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu		
20 40 60 80 100		[illegible]									
5.05 dm											
		[illegible]									
		[illegible]									
		[illegible]									
		[illegible]									
		[illegible]									
		[illegible]									
		[illegible]									
		[illegible]									
		[illegible]									
		[illegible]									
		[illegible]									
		[illegible]									
		[illegible]									
6.15 dm		[illegible]									

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PAGE 1 of 1

PROJECT: Roadside DDH # RS86-7 BEARING: N40E DIP: 60° TD: 340'

LOGGED BY: WTD DATE: 8-26-86 SCALE: _____ CORE SIZE: _____

RQD %	ROCK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu
100 90 80 70		HERE @ 5:00am – RIG NOT DOING THE 6:15! TRYING TO PLUG HOLE ONLY SO AS NOT TO USE H_2O. HOPE NOT 'CAUSE BEAM PUMP IS NOT UP – O-RINGS IN BHC.							
6:15am	A A	VERY SILICEOUS ANDES. ≥ 70% LITE GRAY; 30% RED FeOx STAINED CHT?? SMALL # OF ~~FeOx~~ Sr CASTS??	PROP SiO2						
	SiO2 DIKE? SiO2 RICH	" "							
		BIT < FeOx STAINING							
	A A	100% SiO2 RICH ANDESITE, → 70% GRAY + 30% LITER BUFF (w/ > QTZ) 50% Sr CASTS; FINE GR. GROUNDMASS + ONLY 10-20% ALTD PLAG; NO QTZ SEEN	PROP SiO2						
	A A SWITCH	100% SILICEOUS GRAY ~~BUT~~ (YES!) (CI ANDESITE); STILL w/ ≈ 30% Sr CASTS ≈ 2% QTZ; <<< FeOx STAIN	SiO2 + PROP						
	A	100% ANDESITE; <<< SiO2; <<< Sr CASTS; << FeOx	< PROP						
	A A	25% CLAY, → FeOx RICH; 75% SILICEOUS ANDESITE FEW QTZ VEINLETS ETC							
	7:00 AM BEGIN SINK HLO A A	>> SiO2 → ≈ 5% QTZ; REST IS SILICEOUS ANDESITE BIT MORE FeOx; <<< Sr CASTS; ANDESITE 20% pEgr.	PROP, SiO2						
	SAMPLE IS SATURATED WELL GOOD ~ SAME CLEANED ENTIRE AND HOLE EACH TIME	LOOKS LIKE pEgr – QTZ RICH – CRUSHED?? SOME FeOx							
		YES 100% pEgr → MOD. CI ALT BIT < QTZ; BIT < CRUSHED; MOD FeOx	CI						
		" " HEAVY CI ALT	>>CI						
		" " BIT < CI; BIT MORE QTZ	< CI						
8:00am		SMALLER CHTS							

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PAGE _____

PROJECT: Roadside DDH # [illegible] BEARING: [illegible] DIP: 60° TD: _____

LOGGED BY: WRD DATE: 8-26-86 SCALE: _____ CORE SIZE: _____

RQD %	ROCK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu		
20 40 60 80 100											
	△ △	100% [illegible]									
	△ △	" " [illegible]	"								
	△	[illegible] 12 CT									
	△	" " [illegible]									
	△ △	" "									
10:30 am	△ △	T.D.									

PAGE _____

WASH-SHIFT NEAR [illegible]

PROJECT: [illegible] DDH # PS 86-8 BEARING: S 51 DIP: 50° TD: [illegible]

LOGGED BY: [illegible] DATE: 8/26/86 SCALE: _____ CORE SIZE: _____

RQD %	ROCK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu
20 40 60 80 100									
12:30 pm collared hole		MINED GRAVELS [illegible]							
		" "							
20		RQD = 18-20'							
	LIGHTNING!! SHUT DOWN	NO SAMPLES							
8/27/86 5:30 AM DIMMONS LAKE; 15 min.		SILT 75% [illegible]; THINED QTZ, [illegible], OR, ??							
		~~SYENITES ETC~~ !! [illegible] ? QTZ LATITE? PE gr	[illegible]						
		" "	" "						
	DRILL MG DRY	50% QTZ, FeOx STAIN, ENTIRE SAMPLE USED SiO2 AND MICRO-VEINLETS OF QTZ.	50% SiO2						
		LESS QTZ; BIT MORE FeOx	[illegible]						
		" "	[illegible]						
		PE gr - 5-20% QTZ; MED. FeOx STAIN	[illegible]						
		" "							

Fischer-Watt Mining Co. Inc.

PAGE [illegible]

PROJECT: [illegible] DDH # [illegible] BEARING: [illegible] DIP: [illegible] TD: [illegible]

LOGGED BY: [illegible] DATE: [illegible] SCALE: [illegible] CORE SIZE: [illegible]

RQD%	ROCK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu		
-20 40 60 80 100											
		pE gr - some SiO2 rich but less free QTZ bit more FeOx	SiO2								
		" " some CT [illegible]	[illegible] CT								
		" " 5% CT									
[illegible]		50% CT ([illegible]) 50% pE gr	→ CT [illegible]								
		10% CT 90% FeOx stained pE gr.	LL CT [illegible]								
		100% pE gr	—								
		" " Bit more QTZ; Bit more CT	—								
		" "	—								
		" "	CT								
		"									
		"									
		Green/Gray LATITE → DIKE?? pE Gr. " " LL FeOx	[illegible] CT [illegible]								

Fischer-Watt Mining Co. Inc.

PAGE [illegible]

PROJECT: [illegible] DDH # [illegible] BEARING: [illegible] DIP: [illegible] TD: [illegible]

LOGGED BY: [illegible] DATE: [illegible] SCALE: _____ CORE SIZE: _____

RQD %	ROCK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu		
20 40 60 80 100											
	△ △ △	[illegible] gr ; [illegible]	[illegible]								
	△ △ △	" " Bit more cr	[illegible]								
	△ △ △	" " [illegible]									
	△ TD △ /										

Fischer-Watt Mining Co. Inc.

PROJECT: [illegible] DDH # [illegible] BEARING: N55E DIP: 60° TD: 200'

LOGGED BY: [illegible] DATE: _____ SCALE: _____ CORE SIZE: _____

RQD %	ROCK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu		
		100% pEgr mod. alt	[illegible]								
		" "									
		" "									
	DAMP @ 80' PROB. UNDER WASH TO EAST	" "									
		" "									
	STILL	" " DAMP TO WET !!!									
		" "									
2.00pm	T.D.										

Fischer-Watt Mining Co. Inc.

PROJECT: ROADSIDE DDH # RS 86-9 BEARING: N 50 E DIP: 60° TD: 200'

LOGGED BY: WJD DATE: 8-27-86 SCALE: _____ CORE SIZE: _____

RQD % (20 40 60 80 100)	ROCK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu		
		100% pE gr w/heavy Arg. Alt./minor Cl⁻; ≈20% Qtz + calcite??	Argil + Cl								
11:45am	Another + size	Siliceous Rhyolite?? ≈70% pE gr — whole same unit be pE gr....	>>> FeOx ≈ 118'								
		Siliceous Rhy w/Qtz veining + FeOx veining Few Sz casts???	—								
		" 80%; 20% pE gr?? Some Cl⁻ "	Cl⁻								
		"									
	Betting Damp										
		Probably is. 100% FeOx stained pE gr; crushed?? ≈30% Qtz									
		100% FeOx stained pE gr; more clay — moist chips	—								
		100% pE gr. << FeOx	—								
		" " + calcite >> Qtz; <1% Cl⁻	Cl⁻								
		"; ≈50% Qtz + calcite; " "	Cl⁻								
	Air & Little H2O	" " less calcite & Qtz bit of clay	Argil Cl⁻								

Fischer-Watt Mining Co. Inc.

PAGE 20-5

PROJECT: RSM DDH #: RSM-20 BEARING: ____ DIP: ____ TD: 285

LOGGED BY: B. H. DATE: 11-18/83 SCALE: ____ CORE SIZE: ____

FOOTAGE	RQD%	ROCK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu	
270			aq								
280			Pt gran. aa w/ aplite.								
		T.D									
290											

Fischer-Watt Mining Co. Inc. ROTARY No 1 PAGE 21-1

PROJECT: Rotary DC DDH # RSM-21 BEARING: ____ DIP: ____ TD: 285

LOGGED BY: B. Hillemeyer DATE: 11-21-83 SCALE: ____ CORE SIZE: ____

FOOTAGE	RQD% (-20, 40, -60, -80, -100)	ROCK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu
0			Pegm. w/ minor qv. and trace qtx.							
			aa							
10			Porphyr. gran gneiss							
			aa + minor chlorite.							
20			gv'd pegm and minor pink and gray chlorite.							
			porphy. gran w/ minor Fe-st bx							
30			aa + minor milky qtz							
			aa							
40			wholescale gran							
			aa + min opal vulls							
50			gran aa + alt vols as below trace c.v.							
			Pink, yellow, and gray frags of chlorite w/ small boxes of biotite.							
60			varicolored chlorite aa + gran frags.							

PROJECT: RSM DDH # RSM-21 BEARING: DIP: TD:

LOGGED BY: B. H DATE: SCALE: CORE SIZE:

FOOTAGE	RQD % (20 40 60 80 100)	ROCK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu
			aa							
70			BLEACHED RHYOLITE							
			aa + yellow alt. vlgnal frags							
80			aa + chlor. alt frags as below.							
		D.F. (?) SEEMS TOO SHALLOW. BUT POSSIBLE.	chlor alt. zone. chlor/q bx and chlor alt. granite							
90			aa - but less chlor/q bx.							
			sericite/chlor alt pt q bx(?) + frags of red q-bx							
100			aa							
			aa							
110			aa							
			Brown → red frags of pt q and q-bx SOME CHLOR. ALT. FRAGS.							
120			↓							
130										

Fischer-Wall Mining Co. Inc.

PAGE 21-3

PROJECT: RSM DDH # RSM-21 BEARING: ____ DIP: ____ TD: ____

LOGGED BY: B. H. DATE: ____ SCALE: ____ CORE SIZE: ____

FOOTAGE	RQD % (20 40 60 80 100)	ROCK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	AG	PB	ZN	CU
130										
140										
150			qa plus more chlor alt. frags.							
			qa							
160			qa plus fels aplite							
			chlor alt gran							
170										
180										
190										

Fischer-Watt Mining Co. Ltd.

PROJECT: RSM DDH # RSM-21 BEARING: ____ DIP: ____ TD: ____

LOGGED BY: B. H DATE: ____ SCALE: ____ CORE SIZE: ____

FOOTAGE	RQD % (-20, 40-60, 80-100)	ROCK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu
			Prod whitish-grey rhyol.							
200			Andesite plus rhyol. (50-50)							
			aa							
210			rhyol. + ptgr (50-50)							
			wholesale rhyol.							
220			Fe-std gran w/ weak chlor alt							
230										
240										
		" " " " D.F (?)								
250			greenish-grey granite							
260										

Fischer-Watt Drilling Co. Inc.

PAGE 21-5

PROJECT: RSM DDH # RSM-21 BEARING: ____ DIP: ____ TD: 285'

LOGGED BY: B.H DATE: ____ SCALE: ____ CORE SIZE: ____

FOOTAGE	RQD %	ROCK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu	
260	20 40 60 80 100		NO SIGN. VEINING								
270											
280											
			T.D.								
290											

PROJECT: ROADSIDE DDH # RSM-22 BEARING: _____ DIP: _____ TD: 205'

LOGGED BY: B. HILLEMEYER DATE: 11-18-83 SCALE: _____ CORE SIZE: _____

FOOTAGE	RQD% (-20, -40, -60, -80, -100)	ROCK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu		
0			Pt gr gneiss w/ minor Phyll. weak FeOx									
			aa minor q.v.									
10			aa									
20												
30			- aa - slightly more qtz-rich Pt gr gneiss w/ minor frags. w/ intense FeOx									
40			aa									
			- Pt gr. gneiss aa w/ significant q.v. material (unlam-noted)									
50			- aa minor q.v. - FeOx dusting grains. Minor perv. fest grains									
60			aa									
			aa w/ sign. q.v. material.									

PROJECT: RSM DDH # RSM-22 BEARING: DIP: TD:

LOGGED BY: BH DATE: SCALE: CORE SIZE:

FOOTAGE	RQD % (20 40 60 80 100)	ROCK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu	
			aa w/ abund. sugary q.v. up to 1/4" thick also mod. FeOx. (some perv. rock grains).								
70			v. nicely q. and c. veined pt gran. and gr. bx mod. Hematized.								
			aa - much less vein material.								
80			Pt gr. w/ extensive q. v. (~60%) + gr bx.								
			mod. q. v'd pt gr. and gr bx								
90			aa - more leucocratic, less veining.								
			v. well q.-v'd pt gr. Dark metallic min. on q.v. (v. fine Moly.?) - Prob. just bio.!								
100			silicified pt gr.								
			aa + minor calc. vein.								
110											
			Pt gr. w/ abund q/c. bx + q.v.								
120			aa								
			aa - less q/c bx min q.v.								
130											

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PROJECT: RSM DDH # RSM-22 BEARING: ____ DIP: ____ TD: ____

LOGGED BY: B.H. DATE: ____ SCALE: ____ CORE SIZE: ____

FOOTAGE	RQD%	ROCK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu	
130	20 40 60 80 100		aa + sign o.v								
			Ext. a.v'd pt (90%) w/ min qtz and FeOx/Pt hx.								
140		D.F	aa + abund (~20%) silicified q. hx								
		" " "	chlor and clay alt. zone (pt q.)								
150			aa but much less chlor/clay alt.								
			aa								
160			chlor. altered pt qz, locally q. rich								
170											
180			aa								
190											
200											

PROJECT: RSM DDH # RSM22 BEARING: DIP: TD:

LOGGED BY: B.H DATE: SCALE: CORE SIZE:

FOOTAGE	RQD %	ROCK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu	
	20 40 60 80 100		aa								
20' (T.D.)											

Fischer-Watt Mining Co. Inc.

PAGE 23-1

PROJECT: Rondside DDH # RSM-23 BEARING: _____ DIP: _____ TD: 285'

LOGGED BY: B. Hillgemeyer DATE: 11-18-83 SCALE: _____ CORE SIZE: _____

FOOTAGE	RQD%	ROCK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu	
0	20 40 60 80 100		Silicified pt by								
			aa plus sericite/arg alter and chlor/epid alt.								
10			aa + some smoky qtz v.								
			aa								
20			aa w/ more FeOx st.								
30											
40			Dacite w/ plag pxs and microscopic [illegible] FeOx [illegible]								
50			alt'd pt gr and qp by (sericite/chlor/[illegible])								
60											

Fischer-Watt Mining Co. Inc.

PAGE 23-2

PROJECT: RSM DDH # RSM-23 BEARING: DIP: TD:

LOGGED BY: B.H DATE: SCALE: CORE SIZE:

FOOTAGE	RQD%	ROCK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu
	70 75 80 85									
			aa							
70										
80			Chlor/sericic (min) - altr'd pt gr on minor gr. bx. Minor qtz material.							
90										
100			altr'd pt bx and mbx w/ fine sericite and FeOx							
110			altr'd qtz-rich pr gr. weak sericic alt.							
120			altr'd porphyritic granite with minor qtz vein and silicification							
130			aa							

Fischer-Watt Mining Co. Inc.

PAGE 23-3

PROJECT: _____ DDH # RSM-73 BEARING: _____ DIP: _____ TD: _____

LOGGED BY: _____ DATE: _____ SCALE: _____ CORE SIZE: _____

FOOTAGE	RQD%	ROCK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu	
130	90 80 70 60										
			aa								
			aa								
140			aa								
150			chlorite - altered pt granite with								
			w/ weak agli alt and weak → mod								
			sevic alt. Minor q/c vein material								
160											
170											
			aa								
180											
190											

Fischer-Watt Mining Co. Inc.

PAGE 23-4

PROJECT: RSM DDH # RSM23 BEARING: DIP: TD:

LOGGED BY: B.H DATE: SCALE: CORE SIZE:

FOOTAGE	RQD%	ROCK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu
200										
210										
220			aa							
230										
240										
250										
260										

Fischer-Watt Mining Co. Inc.

PAGE 23-5

PROJECT: ROADSIDE DDH #: RSM-23 BEARING: ____ DIP: ____ TD: ____

LOGGED BY: B.H. DATE: ____ SCALE: ____ CORE SIZE: ____

DEPTH	BOD%	ROCK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu	
200			aa								
270			aa – fine grained and equigranular								
280											
		T.D.									

PAGE [illegible]

PROJECT: ROMPOLOC DDH # RSM-24 BEARING: ____ DIP: ____ TD: 285'

LOGGED BY: B. HILLEMAYER DATE: 11-15-83 SCALE: ____ CORE SIZE: ____

FOOTAGE	RQD %	ROCK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu	
0	20 40 60 80 100		↑ Gray → white rhyolite with trace massive sulfides (pyrite?) and abund plag. phyric.								
10			Pred. porphyr. pr. gran. mver Tu as above,								
20			NO SAMPLES RECVD.								
30			Pr gran. gneiss w/ abund frags. of microxstln qtz and bio. Mod. Fe-st. coarse qtz & ksp.								
40			aa – more intense Fe-st. and abund. xsthn aggreg. of biotite (hematized),								
50			aa								
			} more vitreous qtz.								
60			aa								
			qa								

PROJECT: _____ DDH # RSM-24 BEARING: _____ DIP: _____ TD: _____

LOGGED BY: _____ DATE: _____ SCALE: _____ CORE SIZE: _____

FOOTAGE	RQD %	ROCK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu	
	20 40 60 80 100										
70			aa w/ large (1½") k-spar pxs exhibiting extensive microfracturing. Hvy Fe-st.								
80			aa but much more fresh and very little Fe-staining.								
90			aa but finer grained and equigranular.								
100											
110			altered PE gran, (poorly fe std) Pred. gray.								
120											
130											

PAGE _____

PROJECT: _____ DDH # RSM-24 BEARING: _____ DIP: _____ TD: _____

LOGGED BY: _____ DATE: _____ SCALE: _____ CORE SIZE: _____

FOOTAGE	RQD %	ROCK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu	
	20 40 60 80 100										
			- altered and fractured pt granite with no significant mineralization is predominant to the bottom of the hole (285')								
140			- minor chlor alteration								
150			- minor chlorite - epidote mins. prob. along fracture-joint surfaces.								
160											
170											
180											
190											

PROJECT: ROADSIDE DDH # RSM-25 BEARING: ____ DIP: ____ TD: 285'

LOGGED BY: B. HILLEMEYER DATE: 11-15-83 SCALE: ____ CORE SIZE: ____

FOOTAGE	RQD %	ROCK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu
0	20 40 60 80 100		Valley fill. Multilithologic - subrounded clasts. Mostly Tv.							
10										
20										
30			- weakly fe-stnd pt gran w/ trace sulfide cont.							
40			chlor - altered pt gran with abund. frags of fe-ct bio and qtz giving red/brown hue							
50			abund qtz. vein.							
60			ea w/ alt. pt hx. frags (minor).							
65										

PAGE _____

PROJECT: ROADSIDE DDH # RSM-25 BEARING: _____ DIP: _____ TD: 285'

LOGGED BY: D. HILLEMEYER DATE: 11-15-83 SCALE: _____ CORE SIZE: _____

FOOTAGE	RQD%	ROCK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu	
60	0-20 20-40 40-60 60-80 80-100										
70											
80			Wholesale pt gran with weak chlorite alteration. No sign. veining minor frags. of chlor/Epid.								
90											
100											
110											
120											
130											

PAGE _____

PROJECT: ROADSIDE DDH # RSM-25 BEARING: _____ DIP: _____ TD: 285'

LOGGED BY: B. HILLCATEVER DATE: 11-15-83 SCALE: _____ CORE SIZE: _____

FOOTAGE	RQD %	ROCK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu
130	0-20 20-40 40-60 60-80 80-100									
			aa w/ abund. milky qtz. that is primary (not vein material).							
140										
		DF								
150			- chlor - altered zone.							
			- Extensively chlor - altered pt gr. aa.							
160			- abund. relict plag and qtz							
			- does not appear to be finely milled (or milled at all)							
170			- probably dat. fault, but apparent in situ alter. is perplexing.							
			- some fresh biotite still!							
180			some "fresh" pt gr. w/ chlor-alt. frags.							
190			pt gran w/ chlor alt. frags aa Down-hole contamination?							

PAGE

PROJECT: _____ DDH # _____ BEARING: _____ DIP: _____ TD: _____

LOGGED BY: _____ DATE: _____ SCALE: _____ CORE SIZE: _____

FOOTAGE	RQD %	ROCK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu	
	0 20 40 60 80 100										
200											
210											
220			- Wholesale pt gran. w/ minor chlor alt. frags (Down-hole contamination). No sign. alt. or mineralization, Biotite is mostly very fresh.								
230											
240											
250											
260											

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PROJECT: _____ DDH # _____ BEARING: _____ DIP: _____ TD: _____

LOGGED BY: _____ DATE: _____ SCALE: _____ CORE SIZE: _____

FOOTAGE	RQD %	ROCK TYPE	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu		
60	0 20 40 60 80 100		aa									
70			chlor - alt pe (?) dike orig. comp is difficult to determine									
80			Pe gr.									
			T.D.									
90												
100												