3720 0063 (copy 3)

319
ITEM 74A

sheet 1 of 8

BATTLE MOUNTAIN EXPLORATION COMPANY
Drill Hole Log

Project Pyramid Lake, WASHOE CO NV 71-18-105

logged by Todd Christensen date 6/9/89 Bearing 45 (N45E) Hole No. 1

Coordinates sample #'s (series) R-10000 thru R10062 Inclination -60 Collar Elv. 4513 ft

Date started 6/9/89 completed 6/9/89 Type RC Total Depth 320

Interval (smpl #)	Description	Graphic log geol	alt'n	% sul	% ox			Au ppb / Ag ppm	remarks
0-5 No SAMPLE	0-8' Qal mixture of bleached and arg'y alt'd tuff, med sand sized w̄ ORGANIC material. Tuff light grey-tan	Qal							
5-10								45	
R-10000	qtz latite tuff 8'-320 ft TD coarse-med grained qtz-feld-bio	Tqlt						1.0	
10-15 R-10001	lithic tuff bleached lt gry-buff w̄ 3% FeOx's. 5-7% clear-smoky qtz, 15% wht felds, 2-3% bio w̄ ~3% andesite-basalt'c lithic frags. Tr MnOx's. Bio alt'd to pale or	Tqlt			3%			<5 .2	- Color Dm Blow by
15-20 R-10002	sea grn hex xstals. (upper Hartford Hill Rhyolite of Wallace)	Tqlt			7%			<5 .2	Poor Sample Recovery
20-25 R-10003	A/A	Tqlt			7%			<5 <.1	Sample Recovery slightly Improved
25-30 R-10004	A/A COMMENT:	Tqlt			TR			<5 <.1	
30-35 R-10005	TR GOE assoc w̄ stronger bleaching and assoc'd silic'n. Primary textures still ID'able. 5% of character box interval contains qtz vein material	Tqlt			TR goe 2% lim			14 1.9	
35-40 R-10006	A/A	Tqlt			2%			1642 32.2	Sample Recovery Good

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by	date	Bearing	Hole No. 1
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description QUARTZ LATITE TUFF	Graphic log geol	alt'n	% sul	% ox			Au ppb Ag ppm	remarks
40-45 R-10007	Cont - 40-42' ft chalky wht clay	Tqlt			Tr gpe 2% lim			195 23.6	—
45-50 R-10008	COMMENT: Bleaching not as intense w an increase sericit'd bio to 1%, slight increase in MnOx's	Tqlt			TR			17 5.5	Sample Recovery Improving
50-55 R-10009	A/A	Tqlt			TR			25 5.3	Adjusted Sampler
55-60 R-10010	A/A	Tqlt			TR			<5 .4	color Δ Good sample recovery
60-65 R-10011	A/A w increase in FeOx content	Tqlt			3%			15 .5	
65-70 R-10012	FAULT (?)	Tqlt			8%			73 1.7	clay rich blow by Tr water cobe Δ in blow by
70-75 R-10013	COMMENT: wht-buff colored clay alt'n as coatings on chips. TR Jasper w up to 20% dissem py in Jasper chips. Carbonate present as is Tr magnetite	Tqlt		Tr	3%		Tr Jasp	<5 .7	adjusted Sampler
75-80 R-10014	(possibly assoc w mafic lithic frags?)	Tqlt			1%		lack of Jasper w Py	<5 <.1	adjusted Sampler

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by	date	Bearing	Hole No. 1
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description (QTz LATITE Tuff)	Graphic log geol	Graphic log alt'n	% sul	% ox		% Jasp	Agppb / Agppm	remarks
80-85 R-10015	A/A w̄ TR HgOx'd? as dull earthy chips (silic'd) red-maroon. chips lack clay coatings but felds alt'd to clay	Tqlt ?			1%			<5 <.1	
85-90 R-10016	A/A	Tqlt			TR			<5 <.1	
90-95 R-10017	COMMENT: Alt'n appears to be waning as chips more gry in color w̄ less bleaching + clay alt'n tho carb' alt'n still present	Tqlt			TR			<5 <.1	
95-100 R-10018	COMMENT: STRONG clay alt'n assoc w wk carbonate alt'n. clay as alt'd felds + as coatings on chips	Tqlt			1%			<5 <.1	
100-105 R-10019	COMMENT: STRONGER YET clay alt'n w̄ very strong carb alt'n. Carbonate appears to be vfg and assoc w̄ clay matrix. Silica and tuff frags survive alt'n but	Tqlt		TR Py	TR			<5 .1	— color Δ
105-110 R-10020	bio does not. Interval 105-110 has bio w̄ 3% FeOx's + decrease in clay %. wk lt grn color to chips. (grn clay?)	Tqlt			3%			<5 <.1	
110-115 R-10021	COMMENT: wht ltgry clay w̄ wk carbonate alt'n. Grn min still present - probably product of prop'c alt'n. note 10% vfg dissem Py assoc w̄ Jasp. Ame that?			TR	TR		TR	<5 <.1	
115-120 R-10022	COMMENT: Py % increasing as carbonate decreases. Py assoc w̄ jasp as both dissem's + clots. strong clay + bleaching.			TR	3%		TR	38 2.0	drilling rate slowed considerably

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by	date	Bearing	Hole No. 1
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description (Quartz LATITE Tuff)	Graphic log geol	alt'n	% sul	% ox		% Jasper	Au ppb / Ag ppm	remarks
120-125	CON't	Tqlt			TR			87	Color Δ to more Red
R-10023								1.8	
125-130	COMMENT: Increase in FeOx's and amt of Silic'n - qtz vein. 1% dissem py assoc w/ vein (lt gry qtz), wk clay alt'n as coatings on qtz vein chips. Vein material lacks texture of	Tqlt		1%	2%			258	
R-10024								13.2	
130-135	tuff COMMENT. Interval bleached wht gry clay w/ qtz as silic'n in tuff relict tuff textures observed	Tqlt		1%	TR			62	- TR Water in blowby
R-10025								4.1	
135-140	COMMENT: Interval consist of lt-drk gry silic'd tuff w/ gry qtz. py found mainly in vein material tho in tuff as well. Py content Also the same in Jasper chips	Tqlt		2%	TR		TR	249	
R-10026								26.3	
140-145	A/A	Tqlt		2%	TR		TR	116	
R-10027								3.3	
145-150	COMMENT. lt gry-grn clay alt'd & bleached tuff w/ Tr-1% py as dissem's	Tqlt		1%				118	
R-10028								1.8	
150-155	A/A w/ increase in lt grn color perhaps signifies approaching alt'n front in that alt'n is waning	Tqlt		TR	TR			26	sample recovery excellent
R-10029								1.4	
155-160	A/A			TR	TR			22	
R-10030								.9	

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by	date	Bearing	Hole No. 1
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description QTZ latite tuff	Graphic log geol alt'n	% sul	% ox			Au ppb / Ag ppm	remarks
160-165 R-10031	A/A w̄ amethyst con't	Tqlt	TR	TR			10 / .7	
165-170 R-10032	A/A w̄/o amethyst however an increase in clay content	Tqlt	TR	1%			7 / .4	
170-175 R-10033	A/A w̄ increase to 7% of unaltered tuff chips in interval	Tqlt		TR			23 / .8	
175-180 R-10034	Comment: lt gry - lt grn - dk grn qtz latite tuff w̄ evidence of jasper vlt + wk clay + assoc'd bleaching + very wk carbonate alt'n	Tqlt		TR			9 / .2	
180-185 R-10035	A/A w̄ grn hexagonal micas	Tqlt	TR	TR			7 / .3	conditioned hole circulation down (not much blow by)
185-190 R-10036	A/A w̄ clay coatings	Tqlt	TR	TR			10 / .3	
190-195 R-10037	A/A w̄ clay coatings + increase in carbonate	Tqlt					<5 / .1	— Hit water
195-200 R-10038	A/A c̄ strong carbonate alt'n assoc w̄ clays.	Tqlt					<5 / .1	

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by	date	Bearing	Hole No. 1
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description QTZ latite tuff	Graphic log geol	alt'n	% sul	% ox			Au ppb Ag ppm	remarks
200-205 R-10039	COMMENT: A/A - tuff appears unalt'd w/ clay/carbonate alt'n coating chips	Tqlt			TR			<5 <.1	
205-210 R-10040	A/A w/ clay coatings nearly absent as w/ carb' alt'n. FeOx's restricted to jt fillings (?)	Tqlt			TR			<5 <.1	
210-215 R-10041	A/A	Tqlt			TR			<5 .1	
215-220 R-10042	A/A	Tqlt			TR			<5 .1	
220-225 R-10043	A/A slight increase in grn sericite(?)	Tqlt			TR			<5 .7	
225-230 R-10044	A/A	Tqlt			TR			<5 .3	
230-235 R-10045	COMMENT: INTERVAL Encounters STRONG bleaching + carbonate alt'n probably structure w/ TR FeOx's probably after py (occur as dissem's vs jt coatings further up hole)	Tqlt			TR			<5 1.0	Hit clay Zone
235-240 R-10046	A/A	Tqlt			TR			<5 <.1	

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by	date	Bearing	Hole No. 1
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description QTZ LATITE TUFF	Graphic log geol	alt'n	% sul	% ox			Au ppb Ag ppm	remarks
240-245 R-10047	COMMENT: "FRESH" APPEARING Drk gry tuff w felds wkly alt'd to clays & bio to grn shiny mica. QTZ has Amethyst look of it purple	Tqlt		TR	TR			<5 .6	
245-250 R-10048	A/A	Tqlt			TR			6 1.2	
250-255 R-10049	A/A	Tqlt			TR			19 3.4	
255-260 R-10050	A/A I slightly more alt'd (clay & grn mica (chlorite?))	Tqlt			TR			<5 .8	
260-265 R-10051	A/A	Tqlt			TR			16 1.3	
265-270 R-10052	A/A small clay rich zone (ash bed?)	Tqlt			TR			10 .4	- small clay rich zone
270-275 R-10053	A/A	Tqlt			TR			8 .8	
275-280 R-10054	A/A	Tqlt			TR			<5 .6	

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by	date	Bearing	Hole No. 1
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description QTZ latite tuff con't	Graphic log geol alt'n	% sul	% ox			Au ppb / Ag ppm	remarks
280-285 R-10055	COMMENTS: Clay rich clots (contamination?) w̄ carbonate alt'n. clay likely represents a structure.	Tqlt		TR			21 / 1.5	— clay seam or structure
285-290 R-10056	A/A	Tqlt		TR			<5 / .3	
290-295 R-10057	A/A	Tqlt	TR	TR			6 / .5	
295-300 R-10058	COMMENT: Bleaching appears more intense w̄ grn clay alt'n + assoc'd carb alt'n	Tqlt	TR	TR			22 / .8	
300-305 R-10059	A/A	Tqlt	TR	TR			7 / .8	
305-310 R-10060	A/A w̄ ~~slightly~~ less clay	Tqlt	TR	TR			<5 / .4	
310-315 R-10061	COMMENT: A/A w̄ less clay + perhaps increase in silic'n. 1 well silic'd chip in box could be contamination	Tqlt	TR	TR			23 / .3	
315-320 R-10062	A/A w̄ silic'n in tuff-matrix preserved w̄ TR py — both silic'd tuff, grn clay alt'd tuff + possible qtz vnlt material	Tqlt	TR	TR			37 / .4	EOH

BATTLE MOUNTAIN EXPLORATION COMPANY
Drill Hole Log

Project PYRAMID LAKE, WASHOE CO NV, 71-18-105

logged by Todd Christensen date 6/9/89 - 6/11/89 Bearing 45 Hole No. 2

Coordinates sample #'s (series) R-10063 thru R-10108 Inclination -60 Collar Elv. 4480 ft

Date started 6/9/89 completed 6/11/89 Type RC Total Depth 380

Interval (smpl #)	Description	Graphic log geol	alt'n	% sul	% ox			Au ppb Approx	remarks
0-5 No Sample	COMMENTS: 0-7 ft Qal consisting of bleached wht qtz latite tuff w FeOx chips mixed w sand sized grains of wx'd tuff an organic debris	Qal							
5-10 R-10063	COMMENT: 7-380 ft coarse to medium grained qtz latite-Rhyolite xstal lithic tuff	Tqlt			1%			7 .5	
10-15 R-10064	w 7-10% clear qtz, 3-5% bio, 2-3% lithic frags and 10% Alkali feldspar Comment: 7-15 ft bleached latite tuff w FeOx's as goe				5%			24 <.1	
15-20 R-10065	A/A				10%			26 .5	fair recovery
20-25 R-10066	A/A				3%			10 .7	
25-30 R-10067	Comment: FeOx's lighter in color ±lim w FeOx'd coatings on chips. Also encountered lt gry clay (assoc'd w structure?). Tuff remains bleached + Fe Stained				20%			123 .3	
30-35 R-10068	A/A w up to 5% m. Ox'd w FeOx'd Zone				20%			58 5.3	
35-40 R-10069	Comment: 3% Jasper w 7% vfg dissem'd py m jasp			TR	15%		3%	172 1.9	

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by	date	Bearing	Hole No. 2
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description	Graphic log geol alt'n	% sul	% ox		% Jasp	Au ppb / Ag ppm	remarks
40-45 R-10070	A/A w/o jasp chips	Tqlt		10%			30 / .3	lost circulation tripping out of hole 6/10/89
45-50 R-10071	COMMENT: Bleached + arg'g alt'd tuff w TR grn clay alt'n. FeOx's as both vein fillings + coatings on chips	Tqlt		7%			<5 / <.1	
50-55 R-10072	A/A	Tqlt		3%		1%	25 / <.1	
55-60 R-10073	A/A w occasional FeOx'd vnlts cutting tuff	Tqlt		3%			32 / <.1	drker color in blaw-by
60-65 R-10074	A/A			3%			13 / <.1	
65-70 R-10075	A/A			5%			<5 / <.1	
70-75 R-10076	A/A cut by <1mm silica vnlt w 2mm jasper selvage			5%	TR silica	TR	<5 / <.1	
75-80 R-10077	COMMENT: Tuff is lt gry w TR fine grained dissem'd FeOx's. Chl(?) alt'n as platey mineral. Very abrupt color change @ 76' (footwall out of vein) + assoc'd alt'n			TR			<5 / <.1	color Δ

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by	date	Bearing	Hole No.
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description QTZ LATITE Tuff	Graphic log geol	alt'n	% sul	% ox			Au ppb Ag ppm	remarks
80-85 R-10078	COMMENT: Relatively unalt'd tuff w̄ lim coatings - more of a wx'g vs product of VEIN MIN'n "stain"	Tqlt			3%			<5 <.1	
85-90	A/A w̄ 3% grn clay - platey - but still soft. TR FeOx'd coating or more like a stain. Tuff is more or less unalt'd w̄ wk clay carb coatings on ch.d surfaces wk Bleaching	Tqlt			1%				
90-95 R-10079	A/A	Tqlt			TR			<5 <.1	1st sample of 10' interval
95-100 R-10080	A/A	Tqlt			TR			<5 <.1	5/t sample Interval
100-105	A/A 102 ft to 107 ft grey tuff	Tqlt			TR				
105-110 R-10081	A/A	Tqlt			Nil			<5 <.1	Hit FeOx's
110-115	A/A w̄ noticable increase in FeOx's as "stain" & vein material. TR drk gry - blk Sulfide (?) enargite (?) w̄ <1% gry qtz vein material w̄ 2% vfg dissem'd py	Tqlt		TR (enargite?) <1% py	7%				
115-120 R-10082	A/A	Tqlt		A/A	A/A			<5 <.1	

BATTLE MOUNTAIN EXPLORATION COMPANY
Drill Hole Log

Project

logged by	date	Bearing	Hole No.
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description QTZ LATITE TUFF	Graphic log geol	alt'n	% sul	% ox			Au ppb Au ppm	remarks
120-125	A/A w̄ a decrease in FeOx'd component. Tuff appears relatively fresh. No qtz vein material but 1 piece of enargite(?) present.	Tqlt			3%				
125-130 R-10083	COMMENT: light gry tuff w̄ 1% platey grn clay. Wk clay + Carbonate coating on chips	Tqlt			TR			<5 <.1	
130-135	A/A w̄ FeOx's as dissem'ns after Ferro-mag's in tuff(?)	Tqlt			1%				
135-140 R-10084	A/A	Tqlt			TR			<5 <.1	
140-145	A/A 142 - 152 dk-gry clay alt'd tuff	Tqlt			TR				
145-150 R-10085	A/A	Tqlt			TR			<5 <.1	
150-155	A/A	Tqlt			TR				- small seam of red clay - lost circulation
155-160 R-10086	A/A w̄ TR Jasper ± HgOx'd(?) perhaps slight increase in grn clays. No Sulfides ID'd. Interpeted 6" Jasper vein near end of run	Tqlt			TR		Jasper 1%	24 .8	- hit maroon clay - 6" maroon blow-by

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by	date	Bearing	Hole No. 2
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description	Graphic log geol	alt'n	% sul	% ox				remarks
	QTZ LATITE Tuff								
160-165	A/A (relatively fresh qtz latite tuff)	Tqlt			TR				
165-170	A/A	Tqlt			TR			<5	
R-10087								<.1	
170-175	A/A out of Red Ox'd	Tqlt		TR Py	1%		TR Jasper		injected water-drilled wet
175-180	A/A out of Ox'ds relatively unalt'd	Tqlt			TR			<5	
R-10088								<.1	
180-185	A/A	Tqlt			TR				
185-190	A/A	Tqlt			TR			<5	
R-10089								<.1	
190-195	A/A	Tqlt			TR				
195-200	A/A w FeOx's as coatings "stain" on chips	Tqlt			TR 1%			<5	
R-10090								.1	

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by	date	Bearing	Hole No. 2
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description QTZ LATITE Tuff	Graphic log geol alt'n	% sul	% ox			Au ppb Au ppm	remarks
200-205	A/A (unalt'd grn qtz latite tuff)	Tqlt		TR				
205-210 R-10091	A/A	Tqlt		TR			<5 .1	
210-215	A/A	Tqlt		TR				
215-220 R-10092	A/A	Tqlt		TR			<5 <.1	
220-225	A/A w TR Jasper + an increase in grn clay. TR Drk gry qtz as VEIN MATERIAL	Tqlt		TR		TR		
225-230 R-10093	COMMENT: Appear to be approaching vein as tuff is becoming bleached w stronger clay alt'n. ± 1% drk gry qtz w 10% vfg dissem py	Tqlt	TR	TR		TR	19 .4	
230-235	A/A w stronger clay alt'n STRUCTURE	Tqlt	TR	TR		TR		
235-240 R10094	A/A w strong clays	Tqlt	TR	TR		TR	17 .1	

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by	date	Bearing	Hole No. 2
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description QTZ Latite Tuff	Graphic log geol	alt'n	% sul	% ox			Au ppb Ag ppm	remarks
240-245	COMMENT: drk grn gry tuff w FeOx'd coatings, lacks clay-out of structure	Tqlt			TR				
245-250	A/A	Tqlt			TR			<5	
R-10095								.1	
250-255	A/A	Tqlt			TR				
255-260	A/A	Tqlt			TR		TR	7	
R-10096								.1	
260-265	COMMENT: Tuff becoming lighter colored as bleaching + clay alt'n increases. TR drk gry vein qtz but No Sulfides ID'd	Tqlt		TR	TR		TR		
265-270	A/A	Tqlt			TR			14	
R-10097								.2	
270-275	A/A	Tqlt			TR				
275-280	A/A note coarse calcite? or carbonate mineral (doesn't effervesce like calcite). Tuff darker gry in color then previous interval	Tqlt			TR			12	
R-10098								.1	

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by	date	Bearing	Hole No. 2
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description QTZ LATITE TUFF	Graphic log geol	alt'n	% sul	% ox				remarks
280-285	A/A (wk clay alt'd qtz latite tuff)	Tqlt			TR				
285-290	A/A w increase in FeOx's as coatings on chips	Tqlt			TR			12	
R-10099								.3	
290-295	A/A	Tqlt			TR				
	293-301 olive gry w wk FeOx'd alt'n of tuff included w 2% brite grn chl (?) altn								
295-300	A/A	Tqlt			TR			11	
R-10100	298-300 ft clay zone (ash?)							.1	
300-305	A/A	Tqlt							
305-310	A/A	Tqlt						<5	
R-10101								.2	
310-315	A/A w/o FeOx's; drk gry tuff - unalt'd								
315-320	A/A							5	
R-10102								.2	

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by	date	Bearing	Hole No. 2
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description QTZ LATITE TUFF	Graphic log geol	alt'n	% sul	% ox				remarks
320-325	A/A	Tqlt			TR				
325-330 R-10103	COMMENT: Tuff becomes lighter colored w̄ Presence of grn clay. FeOx'd coatings have an olive grn color	Tqlt			TR			<5 <.1	
330-335	A/A w̄/o olv grn FeOx's	Tqlt							
335-340 R-10104	A/A w̄ TR ~~dpk~~ gry VEIN qtz	Tqlt		TR	TR		TR	11 .2	-TR s=
340-345	A/A	Tqlt		TR	TR		1%		
345-350 R-10105	A/A w̄ qtz vein ≈3% of SAMPLE. 1% vfg dissem py assoc w̄ vein QTZ	Tqlt		TR	TR			7 .2	
350-355	A/A w̄ ≈ 1% of sample qtz vein. Note large chip of wht calc's min assoc w̄ Jasp	Tqlt		TR	TR		TR		
355-360 R-10106	A/A	Tqlt		TR	TR		TR	17 .5	

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by	date	Bearing	Hole No. 2
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description QTZ LATITE TUFF	Graphic log geol alt'n	% sul	% ox			Au ppb Ag ppm	remarks
360-365	A/A tuff slightly darker w 1% vein qtz	Tqlt	TR	TR				
365-370	COMMENT: Tuff gry w grn clay + TR qtz vein. No sulfides Id'd	Tqlt		TR		TR	6	
R-10107							.3	
370-375	A/A	Tqlt		TR				
375-380	A/A	Tqlt					<5	
R-10108							.1	EOH

(319)
ITEM 74-C

BATTLE MOUNTAIN EXPLORATION COMPANY
Drill Hole Log

Project Pyramid Lake, Washoe County, NV, 17-18-105

logged by Todd Christensen | date 6/11/-6/13/89 | Bearing 220 ~~228°~~ | Hole No. 3

Coordinates | sample #'s (series) R-10109 thru | Inclination -45 | Collar Elv. 4437 ft

Date started 6/11/89 | completed 6/13/89 | R-10139 | Type RC | Total Depth 313

Interval (smpl #)	Description	Graphic log geol	alt'n	% sul	% ox			Au ppb / Ag ppm	remarks
0-5	No Sample	Qal	N/A						
	COMMENT: 0—17 ft Qal unconsolidated chips of Alt'd + wx'd tuff mixed w sand sized wx'g products of tuff + organic matter								
5-10		Qal	N/A					5	sampled out of blow-bag
R-10109								.5	
10-15		Qal	N/A						sampled blow bag
15-20		Qal	N/A					<5	
	COMMENT: 17-313 ft TD variably altered qtz latite crystal lithic tuff undiffer-	Tqlt			7%				
R-10110								.2	
20-25	entiated in places silicous enough to be classified as a rhyolite xstal lithic tuff consisting of 5-8% clear qtz w euhedral terminations often	Tqlt			5%				
25-30	light purple, 10-12% wht alkali feldspar + variable bio, generally 5%. Variable lithic content of dom'ly andesite + basalt, often	Tqlt			TR			<5	
R-10111	magnetite rich. Occasional cherty							.1	
30-35	qtz lithic frags. COMMENT: 17-50 ft lt gry qtz latite tuff w wk carbonate alt'n (prop'c?) w dk grn ox'ds developed on chip surfaces.	Tqlt			TR				
35-40	Tuff is relatively unalt'd	Tqlt			TR			<5	
R-10112								.2	

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by	date	Bearing	Hole No. 3
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description QTZ LATITE TUFF	Graphic log geol	alt'n	% sul	% ox			Au ppb / Ag ppm	remarks
40-45	A/A	Tqlt			TR				
45-50 R-10113	A/A	Tqlt			TR			<5 / .1	
50-55	COMMENT: Tuff becoming strongly bleached w̄ noticable increase in FeOx's tho carbonate alt'n still subtle.	Tqlt			3%				
55-60 R-10114	A/A w̄ increasing FeOx's + bleaching no carb Id'd	Tqlt			5%			<5 / .2	
60-65	A/A w̄ increasing bleaching	Tqlt			5%				Hit water small structure?
65-70 R-10115	COMMENT: Sample contains ≈ 5% drk gry qtz vein w̄ dissem py	Tqlt		TR	10%			23 / 28	
70-75	A/A Note open spaces in qtz vein filled w̄ euh cockade qtz w̄ py in both silic'd tuff + vein material. TR Enargite (?)	Tqlt		1% py Tr En	10%				
75-80 R-10116	A/A identifiable Hex alt'd bio in wkly bleached wht-lt grn tuff w̄ FeOx's and py.	Tqlt		1%	7%			331 / 4.1	

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by	date	Bearing	Hole No. 3
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description QTZ LATITE Tuff	Graphic log geol alt'n	% sul	% ox			Au PPB / Ag PPM	remarks
80-85	A/A w̄ stronger clay alt'n	Tqlt	1%	7%				
85-90 R-10117	A/A w̄ yet stronger clay alt'n likely approaching structure	Tqlt	1%	10%		TR Jasp	76 / 3.1	Hit water
90-95	COMMENT: lt gry to grn wkly alt'd tuff w̄ TR py & TR drk gry qtz vein. Tuff wkly silic'd.	Tqlt	TR	1%		TR Jasp		Small structure?
95-100 R-10118	COMMENT: lt gry grn tuff w̄ wk arg'c altn, sulfides, qtz & jasp lacking - into relatively unalt'd tuff	Tqlt					67 / 4.6	
100-105	A/A	Tqlt						
105-110 R-10119	A/A	Tqlt					17 / .6	
110-115	A/A w̄ increase in clay & TR carb. structure	Tqlt						
115-120 R-101120	COMMENT: lt gry clay alt'd tuff w̄ carbonate			TR			22 / 2.1	Poor sample recovery

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by	date	Bearing	Hole No. 3
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description QTZ LATITE TUFF	Graphic log geol alt'n	% sul	% ox		% Jasper	Au ppb Ag PPM	remarks
120-125	A/A 123-126 FeOx + Jasper chips w FeOx coated silica	Tqlt		TR		TR		
125-130 R-10121	A/A	Tqlt					18 1.0	Sample recovery improved
130-135	A/A 132-133 ft clay zone	Tqlt		TR				
135-140 R-10122	A/A	Tqlt					11 .8	Poor Recovery lost circulation
140-145	A/A w wk carb alt'n as clay alt'n wker	Tqlt		TR				
145-150 R-10123	A/A wklg bleached gen clay alt'd tuff w chl(?)	Tqlt		TR			11 .9	
150-155	A/A	Tqlt						
155-160 R-10124	A/A	Tqlt					<5 .2	

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by	date	Bearing	Hole No. 3
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description QTZ LATITE Tuff	Graphic log geol alt'n	% sul	% ox			Au ppb Ag ppm	remarks
160-165	A/A w̄ wk silic'n? + gry grn clays + Tr jasp	Tqlt		TR				
165-170 R-10125	A/A w̄ py and FeOx's + jasp veins cutting tuff interval 167-174 ft w̄ up to 10% chips silic'd.	Tqlt		TR			<5 .3	
170-175	A/A	Tqlt		TR				
175-180 R-10126	COMMENT: Drk gry-grn tuff w̄ drk gry qtz VEIN w̄ up to 7% dissem'd py in VEIN material clay alt'n not as strong + possible increase in carb alt'n	Tqlt	TR	TR			<5 .6	
180-185	A/A 183-184 ft small clay seam small structure or ash bed	Tqlt	TR	1%				— clay seam small structure?
185-190 R-10127	A/A w̄ out silicn	Tqlt	nil	TR		1% Jasp		
190-195	A/A	Tqlt	nil	TR		1% Jasp		End of Shift
195-200 R-10127	COMMENT: wk FeOx's in lt grn gry relatively unalt'd tuff	Tqlt		TR			77 1.1	missed sample — R-10127 is a 20' interval

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by	date	Bearing	Hole No. 3
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description QTz LATITE Tuff	Graphic log geol	alt'n	% sul	% ox			Au ppb / Ag ppm	remarks
200-205	A/A w TR lt gry vein + TR Jasper w 10% py in Jasper 202-203 ft hit grn clay zone (ash bed?)	Tqlt		TR	TR		1% Jasper		
205-210 R-10128	A/A w TR Silica (?)	Tqlt		TR	TR		TR	29 / 2.4	
210-215	A/A out of Jasper + vein	Tqlt			TR				
215-220 R-10129	A/A	Tqlt						<5 / .6	
220-225	A/A 223-224 ft small brn clay seam	Tqlt							
225-230 R-10130	A/A	Tqlt						<5 / .3	
230-235	A/A 230-242 ft grn clay component to sample (stronger ash flow component?)	Tqlt			TR				
235-240 R-10131	A/A	Tqlt			TR			<5 / .2	

BATTLE MOUNTAIN EXPLORATION COMPANY
Drill Hole Log

Project

logged by	date	Bearing	Hole No. 3
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description (Qtz latite tuff)	Graphic log geol	alt'n	% sul	% ox			Au ppb / Ag ppm	remarks
240-245	A/A - grn clay alt'd tuff w/ <1% jasper & lim stained tuff chips 244-248 grn clay component to tuff	Tqlt			TR				
245-250 R-10132	A/A tuff becoming lighter in color	Tqlt			TR			<5 .5	
250-255	A/A 254-255 subtle increase in jasper + slight increase in prop'c alt'n	Tqlt		TR	TR		TR Jasp		
255-260 R-10133	("failed vein")	Tqlt			TR		TR Jasper	<5 .5	
260-265	260-262 ft brn clay zone 262-273 olv grn component to tuff				TR		TR		
265-270 R-10134	A/A				TR		TR	<5 1.2	
270-275	A/A			TR	TR		TR		
275-280 R-10135	A/A tuff becoming lighter in color yet			TR	TR			6 .8	

BATTLE MOUNTAIN EXPLORATION COMPANY
Drill Hole Log

Project

logged by	date	Bearing	Hole No. 3
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description QTz LATITE TUFF	Graphic log geol	alt'n	% sul	% ox		To Jasper	Au ppb Ag ppm	remarks
280-285	Comment: color changes to darker grn w̄ carbonate lacking as are clays tho felds ukly arg'y alt'd Tr Silic'n w̄ Silic'n falling off through next interval	Tqlt			TR				
285-290	A/A	Tqlt		TR				10	
136								1.2	
290-295	A/A w̄ slight increase in FeOx's w̄ Minor Jasper	Tqlt			TR		TR		
295-300	A/A	Tqlt		TR				<5	
								1.1	
300-305	A/A with slight increase in Silic'n	Tqlt		TR	TR				
305-310	A/A	Tqlt						11	
								1.1	
310-313	A/A w̄ change in color of blue bay to olv grn clay at 311, probably hit structure as plugged hammer + killed hole	Tqlt						<5	
								.6	lost hole EOH

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project PYRAMID LAKE, WASHOE COUNTY NV. 71-48-105

logged by Todd Christensen date 6/14 & 15 Bearing 225 Hole No. 4

Coordinates sample #'s (series) R-10140 thru Inclination -45 Collar Elv. 4447

Date started 6/14/89 completed 6/15/89 R-10185 Type RC Total Depth 460 ft

Interval (smpl #)	Description	Graphic log geol	alt'n	% sul	% ox			PPb Au / PPm Ag	remarks
0-5	COMMENT: 0-3 ft poorly developed soil consisting of wx'd bleached tuff & organic material	Soil							
No Sample		Tglt							
5-10	COMMENT: 3-460 TD quartz latite tuff as described in previous logs. COMMENT: Buff colored tuff due to mod bleaching & arg'c	Tglt			10%			43	
R-10140								.5	
10-15	alt'n w carb alt'n. TR qtz vein material w grn clay alt'n. No Sulfides Identified	Tglt			10%				
15-20	A/A	Tglt			5%			33	
R-10141								.5	
20-25	A/A	Tglt			5%				
25-30	A/A w TR jasper	Tglt			5%		TR Jasper	67	
R-10142								1.2	
30-35	A/A	Tglt			7%		TR		
35-40	A/A w Noticable increase in Mn Ox's to about 3%. CARBONATE Alt'n lacking however grn clays still present. No Sulfides identified(?)	Tglt			5% FeOx's 3% Mn Ox's			230	
R-10143	TR enargite (?)							1.1	

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by | date | Bearing | Hole No. 4

Coordinates | sample #'s (series) | Inclination | Collar Elv.

Date started | completed | Type | Total Depth

Interval (smpl #)	Description	Graphic log geol alt'n	% sul	% ox		% Jasper	Au ppb / Ag ppm	remarks
40-45	Quartz latite tuff. COMMENT: Good bleaching and silic'n as replc'ts in tuff, TR vein material, lacks sulfides & carbonates	Tqlt		5%				
45-50 R-10144	A/A w 3% Jasp & TR py	Tqlt	TR py	3%		3% Jasp	209 / 9.7	
50-55	A/A perhaps w slight increase in vein qtz	Tqlt		3%		3% Jasp		
55-60 R-10145	A/A slightly more bleached w corresponding decrease in FeOx's	Tqlt		1%		TR	55 / 5.1	
60-65	A/A w increasen in FeOx's	Tqlt	TR	3%		1%		
65-70 R-10146	A/A	Tqlt	TR	10%			64 / 1.8	
70-75	A/A tuff less bleached	Tqlt	TR	15%				
75-80 R-10147	A/A tuff noticably less bleached gry grn	Tqlt	TR	3%			21 / .7	

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by | date | Bearing | Hole No. 4

Coordinates | sample #'s (series) | Inclination | Collar Elv.

Date started | completed | Type | Total Depth

Interval (smpl #)	Description QTZ LATITE Tuff	Graphic log geol	alt'n	% sul	% ox			Au ppb Ag ppm	remarks
80-85	COMMENT: "Unalt'd" gry-grn tuff w tr FeOx's as lt coatings w clay and carb wkly developed in tuff.	Tqlt			TR				
85-90 R-10148	A/A w TR py	Tqlt		TR	TR			<5 .3	
90-95	COMMENT: Tuff becomes bleached + clay alt'd w wk carb. 1% QTZ VEIN w 10% - locally msv py	Tqlt		1%	TR				Silica VEIN
95-100 R-10149	A/A w vein material lacking but see silic'n as passive replc'ts in tuff (relict texture preserved)	Tqlt		TR	TR			61 4.5	
100-105	COMMENT: Tuff lease alt'd but still see TR dissem vfg py. Silic'n of tuff absent, very wk carbonate	Tqlt		TR	TR				
105-110 R-10150	A/A	Tqlt			TR			5 .8	
110-115	COMMENT: Silic'n of tuff pervasive w arg'c alt'n w occasion QTZ VEIN chips. still wk carb	Tqlt		TR py	3%				
115-120 R-10151	A/A w slightly more abdt py	Tqlt						142 3.3	Hit water

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by	date	Bearing	Hole No. 4
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description QTZ LATITE TUFF	Graphic log geol	alt'n	% sul	% ox		% Jasper	Auppb Agppm	remarks
120-125	COMMENT: Clay alt'n + bleaching dropped off considerably. lt gry-grn tuff. Tuff appears to be slightly silic'd. Carb alt'n barely recognizable	Tqlt			TR				
125-130	A/A	Tqlt			TR			16	
R-10152								2.7	
130-135	A/A w TR py + Jasp ± vfg gal(?)	Tqlt		TR	TR		TR		injected water (switched over to wet)
135-140	A/A w chips of msv py (<1%	Tqlt		TR	TR		TR	35	
R-10153								1.3	
140-145	A/A w increase in silicin + jasper S= content still TR	Tqlt		TR	TR		1%		
145-150	A/A w calcite xstals (<1%) (silicin 145-148 ft)	Tqlt		TR	TR		TR	70	
R-10154								2.0	
150-155	A/A 153-162 strong clay zone (structure?)	Tqlt		TR	TR		TR		
155-160	A/A	Tqlt		TR	TR		TR	13	
R-10155								.6	

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by | date | Bearing | Hole No. 4

Coordinates | sample #'s (series) | Inclination | Collar Elv.

Date started | completed | Type | Total Depth

Interval (smpl #)	Description QTZ LATITE TUFF	Graphic log geol alt'n	% sul	% ox		% Jasper	Au ppb Ag ppm	remarks
160-165	A/A wkly alt'd qtz latite tuff c̄ tr py, silica, Jasper	Tqlt	TR	TR		TR		
165-170 R-10156	A/A - silic'n 165-167 ft	Tqlt	TR	TR			63 / 2.3	
170-175	A/A	Tqlt	TR	TR				
175-180 R-10157	A/A - w̄ TR Jasper	Tqlt	TR	TR		TR	29 / 1.2	
180-185	A/A w̄ silica unlt cutting tuff silicn running from 15% to 7% begining to end of this interval (180-185)	Tqlt	TR	TR				
185-190 R-10158	COMMENT: Dark gry qtz VEIN ≈ 3% Sample w̄ dissem'd py ≈ 3-5% in vein. Jasp chips ≈ 30% py	Tqlt	2% Py	TR		1%	570 / 30.7	
190-195	A/A w̄ increase in jasper. Jasper contains up to 25% dissem - msv py. py also dissem'd in silic'd tuff & qtz vein	Tqlt	1%	TR		2%		
195-200 R-10159	A/A w̄ noticable decrease in jasper & sulfide content. Py no longer dissem'd in tuff.	Tqlt	TR cpy?	TR		TR	72 / 10.6	

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by	date	Bearing	Hole No. 4
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description QUARTZ LATITE TUFF	Graphic log geol alt'n	% sul	% ox		% Jsper	Au ppb Ag ppm	remarks
200-205	COMMENT: WKLY Alt'd gry-grn tuff w TR FeOx's	Tqlt	TR	TR				Recovery poor hammer not working well
205-210 R-10160	A/A w clots of msv py. wk carbonate	Tqlt	TR	1%			54 5.0	
210-215	A/A TR qtz VEIN	Tqlt	TR	TR				
215-220 R-10161	A/A w increasen jasper	Tqlt	TR	TR		TR	20 1.1	
220-225	A/A	Tqlt	TR	TR				
225-230 R-10162	A/A	Tqlt	TR	TR			37 .7	
230-235	A/A slight increase in bleaching (tuff lighter color) w ox'd % waning.	Tqlt	TR	TR				
235-240 R-10163	A/A w increase in vein qtz as dk gry silica to ≃ 5% of sample	Tqlt	TR	TR			123 1.7	

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by	date	Bearing	Hole No. 4
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description QTZ LATITE TUFF	Graphic log geol	alt'n	% sul	% ox			Au ppb / Ag ppm	remarks
240-245	COMMENT: It sea grn tuff w dissem'd py ~~& energite~~(?) w felds alt'g to ≥ lim. wk very wk carb alt'n. Tr vein qtz & wk silic'n of tuff	Tqlt		TR	TR				
245-250 R-10164	A/A	Tqlt		TR	TR			203 / 2.1	
250-255	A/A	Tqlt		TR	TR		TR		
255-260 R-10165	A/A but w/o qtz vein material & sulfide % down	Tqlt		TR	TR			42 / 2.2	
260-265	A/A	Tqlt		TR	TR				
265-270 R-10166	A/A w TR Jasper	Tqlt		TR	TR		TR	16 / .8	
270-275	A/A carb alt'n no longer recognized	Tqlt		TR	TR		TR		
275-280 R-10167	A/A very wk carb alt'n	Tqlt		TR	TR		TR	39 / 2.0	

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by	date	Bearing	Hole No. 4
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description	Graphic log geol	Graphic log alt'n	% sul	% ox		% Jasper	Au ppb / Ag ppm	remarks
280-285	Quartz latite tuff comment: lt sea grn tuff w/ trace py, Jasper, & quartz vein w/ wk alt'n of felds to clay + lim giving rock wk bleached Prop'd appearance	Tqlt		TR	TR		TR		Poor Recovery
285-290 R-10168	A/A	Tqlt		TR	TR		TR	<5 .8	Recovery Improved
290-295	A/A	Tqlt							
295-300 R-10169	A/A w/ occasional wht calcite (?) xstals.	Tqlt		TR	TR		TR	20 .3	
300-305	A/A w/ tuff becoming drk grn as function of decreasing degree of intensity of alt'n	Tqlt			TR				
305-310 R-10170	A/A	Tqlt		TR gal?	TR		TR	14 .3	
310-315	A/A w/ TRACE VEIN QTZ	Tqlt		TR gal?	TR				
315-320 R-10171	A/A w/ o vein qtz	Tqlt			TR			<5 .1	

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by	date	Bearing	Hole No. 4
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description QTZ LATITE TUFF	Graphic log geol alt'n	% sul	% ox		% Jasper	Au ppb Ag ppm	remarks
320-325	COMMENT: Tuff more Bleached w/ increase in drk gry vein qtz to ≈ 7% of sample w/ dissem'd py 10% in vein qtz. of note no dissem'd py in tuff. wk carb alt'n	Tqlt	1% Py	TR				
325-330 R-10172	A/A	Tqlt	1% Py	TR			61 / 2.8	
330-335	A/A w/ silicn as qtz veins down to ≈ TR along w/ py	Tqlt	TR	TR				
335-340 R-10173	COMMENT: Tuff is becoming relatively unalt'd w/ TR py & Silica — has drk grn color & ± fresh appearance	Tqlt	TR	TR			10 / .4	
340-345	COMMENT: Tuff lighter color as function of bleaching. wk carb alt'n. No py or QTZ VEIN component	Tqlt		TR				
345-350 R-10174	A/A	Tqlt		TR			<5 / <.1	
350-355	COMMENT: Bleaching w/ TR VEIN qtz chips w/ dissem'd py ≈ 7% in VEIN QTZ	Tqlt	TR	TR				
355-360 R-10175	COMMENT: Bleaching has fallen off w/ relatively fresh tuff	Tqlt		TR			80 / 1.2	

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by | date | Bearing | Hole No. 4

Coordinates | sample #'s (series) | Inclination | Collar Elv.

Date started | completed | Type | Total Depth

Interval (smpl #)	Description	Graphic log geol	alt'n	% sul	% ox		% Jasp	Au ppb Ag ppm	remarks
	QTZ LATITE TUFF								
360-365	A/A slightly lighter in color w/ Tr py + Tr py assoc w/ silic'd tuff + TR Drk gry vein qtz	Tqlt		TR	TR				
365-370	Comment: Tuff bleached w/ very wk carb alt'n. 1% of chips drk gry silica (vein). vfg sulfide ox'd to rare goe cubes	Tqlt		TR	TR			79	
R-10176								1.0	
370-375	A/A w/ increase in py + silic'n	Tqlt		TR	TR				
375-380	A/A	Tqlt		TR	TR			164	
R-10177								4.0	
380-385	Comment: Silic'n + sulfide content waning as is bleaching tho FeOx content increases slightly	Tqlt		TR	1%				
385-390	A/A	Tqlt		TR	TR			26	
R-10178								.8	
390-395	A/A slightly more bleached	Tqlt		TR	TR		TR		
395-400	more bleached yet	Tqlt		TR	TR			51	
R-10179								.7	

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by | date | Bearing | Hole No. 4

Coordinates | sample #'s (series) | Inclination | Collar Elv.

Date started | completed | Type | Total Depth

Interval (smpl #)	Description Quartz LATITE Tuff	Graphic log geol alt'n	% sul	% ox			Au ppb Ag ppm	remarks
400-405	A/A (Con't)	Tqlt	TR	TR				
405-410 R-10180	A/A Tuff slightly darker	Tqlt	TR	TR			12 .3	
410-415	A/A	Tqlt	TR	TR				
415-420 R-10181	A/A – Bleaching more intense w wht silica or feldspar as well as tr drk gry silica. TR Py – very wk carb	Tqlt	TR	TR			23 1.2	
420-425	COMMENT: Tuff Darker w TR VEIN Silica & TR py	Tqlt	TR	TR				
425-430 R-10182	A/A	Tqlt	TR				67 .7	
430-435	A/A w slightly more bleaching & decrease in vein silica to nil, & lack of Sulfide	Tqlt		TR				
435-440 R-10183	A/A w coarse calcite	Tqlt		1%			12 <.1	

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by | date | Bearing | Hole No. 4

Coordinates | sample #'s (series) | Inclination | Collar Elv.

Date started | completed | Type | Total Depth

Interval (smpl #)	Description QTZ latite tuff	Graphic log geol alt'n	% sul	% ox		% Jasper	Au ppb Ag ppm	remarks
440-445	A/A (CONT)			1%		TR		
445-450	A/A w coarse calcite 453 ft see color change to fresh clays						13	
R-10184							.1	
450-455	A/A w TR VEIN silica w/o sulfides							
455-460	A/A COMMENT: would appear have drilled through or nearly through vein system. Never quite made it as silic'n was present but rather limited						19	
R-10185							<.1	EOH

BATTLE MOUNTAIN EXPLORATION COMPANY
Drill Hole Log

Project Pyramid LAKE, WASHOE COUNTY NV 71-18-105

logged by Todd Christensen date | Bearing 225 | Hole No. 5

Coordinates | sample #'s (series) R-10186 thru | Inclination -45 | Collar Elv. 4444 ft

Date started 6/15/89 completed 6/16/89 R-10215 | Type RC | Total Depth 300 ft

Interval (smpl #)	Description	Graphic log geol	Graphic log alt'n	% sul	% ox		% Jasper	Au ppb / Ag ppm	remarks
0-5	COMMENT: 0-13 ft Qal consisting of variably alt'd qtz latite tuff and organic material. Sample includes TR Jasper +	Qal			TR				
No Sample	TR silica from qtz veins w/								
5-10	TR py (?) (vfg'd)	Qal			TR			33	Sampled from blow by
R-10186								.5	
10-15		Qal			TR				
	COMMENT: 13-300 ft TD variably alt'd qtz latite tuff	Tqlt							
15-20	as described in previous holes COMMENT: TR Jasper + py in	Tqlt		TR	TR		TR	27	
very	wkly alt'd gry-grn tuff. wk carbonate								
R-10187								.3	
20-25	A/A w/ tuff more bleached + stronger clay alt'd	Tqlt		TR	1%		TR		
25-30	A/A	Tqlt		TR	1%		TR	18	
R-10188								.3	
30-35	COMMENT: much stronger clay alt'n w/ assoc'd bleaching. Carbonate alt'n stronger ("failed" vein??)	Tqlt		TR	1%		TR		
35-40	As interval 25-30; sample not as alt'd as previous interval TR silic'n (?)	Tqlt		TR	TR		TR	<5	
R-10189								.6	

BATTLE MOUNTAIN EXPLORATION COMPANY
Drill Hole Log

Project

logged by	date	Bearing	Hole No. 5
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description QUARTZ LATITE Tuff	Graphic log geol	alt'n	% sul	% ox		% Jasper	Au ppb Ag ppm	remarks
40-45	COMMENT. Light gry tuff w tr py + Ox'ds: Ox'ds Olive grnish color as coatings on chips. Jasper veinlet cutting tuff.	Tqlt		TR	TR		TR		
45-50 R-10190	A/A w tr Hematite vein material	Tqlt		TR	TR		TR	<5 <.1	
50-55	A/A w/o hm and lacks any sulfides + Jasper; FeOx's as coatings on chips	Tqlt			TR				
55-60 R-10191	A/A	Tqlt						<5 <.1	
60-65	A/A	Tqlt							
65-70 R-10192	A/A - tuff looks very fresh - lt gry w fresh feldspar tho matrix of tuff still fizzes (wk prop's alt'n)	Tqlt						<5 <.1	
70-75	A/A	Tqlt							Trace water
75-80 R-10193	COMMENT. Tuff is lighter gry color w Hematite vn. lacks Ox'ds + Sulfides	Tqlt						<5 <.1	

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by	date	Bearing	Hole No. 5
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description QTz Latite Tuff	Graphic log geol	alt'n	% sul	% ox				remarks
80-85	A/A w/o hm vein. Tuff is dsk gray relatively unalt'd. Tuff possibly cut by chl veins	Tqlt							
85-90	A/A - "unalt'd tuff"	Tqlt						<5	
R-10194								<.1	
90-95	A/A "unalt'd tuff" w subtle increase in FeOx's as plag phenos are alt'g to chl + grn clay	Tqlt							
95-100	A/A - w very subtle Silicn(?) rock still looks fresh	Tqlt						<5	
R-10195								<.1	
100-105	A/A	Tqlt							
105-110	A/A see trace Olv grn alt'n mineral	Tqlt						<5	
R-10196								<.1	
110-115	A/A	Tqlt							- H_2O, switched to wet
115-120	A/A w 2% hm as probable vein material filling jts in tuff. No sulfides or alt'n appear related to veins.	Tqlt						<5	
R-10197								<.1	

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by	date	Bearing	Hole No.
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description QTZ LATITE Tuff	Graphic log geol	alt'n	% sul	% ox		Au ppb Ag PPM	Au ppb Ag ppm	remarks
120-125	A/A w/o hm vein	Tqlt							
125-130	COMMENT: Tuff is becoming chloritized w an increase in carbonate alt'n w TR Fe ox'ds after bio	Tqlt			TR			<5	
R-10198								<.1	
130-135	A/A	Tqlt			TR				
135-140	A/A w subtle increase in clay	Tqlt						<5	
R-10199								<.1	
140-145	A/A w tuff becoming wkly silic'd (?)	Tqlt			TR				
145-150	A/A w subtle ~~amt~~ TR Amt of jasper	Tqlt			TR		TR	7	
R-10200								<.1	
150-155	A/A - Tuff drk gry w Fe ox'd coatings. Tuff is relatively fresh + unaltered.	Tqlt							
155-160	A/A	Tqlt						<5	
R-10201								<.1	

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by	date	Bearing	Hole No. 5
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description Quartz LATITE Tuff	Graphic log geol	alt'n	% sul	% ox		% Jasper	Au ppb Ag ppm	remarks
160-165	A/A - relatively unalt'd tuff w wk silic'n (?) + Tr Yellow Ox'd.	Tqlt							
165-170	A/A 167-168 seam of strong chl alt'n	Tqlt						<5	
R-10202								<.1	
170-175	A/A	Tqlt							
175-180	A/A - 175-177 ft strong chl-grn clay alt'n - lacks Silic'n + Ox's.	Tqlt						<5	
R-10203								<.1	
180-185	A/A 182' small jasper/silica vnlt	Tqlt					TR		
185-190	A/A	Tqlt						<5	
R-10204								<.1	
190-195	A/A - 190-191 ft mod grn clay alt'n	Tqlt					TR		
195-200	A/A	Tqlt						<5	
R-10205								<.1	

BATTLE MOUNTAIN EXPLORATION COMPANY
Drill Hole Log

Project

logged by	date	Bearing	Hole No. 5
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description Quartz LATITE TUFF	Graphic log geol	alt'n	% sul	% ox		% Jasper	Aopp b Agpm	remarks
200-205	A/A - Relatively unalt'd grn qtz latite tuff cut by occasional chl-gloy seams + jasper silica veins	Tqlt							
205-210 R-10206	A/A 208'- small Jasper veinlet.	Tqlt					TR	<5 <.1	
210-215	A/A	Tqlt							
215-220 R-10207	A/A - w TR FeOx's + Jasper	Tqlt			TR		TR	5 <.1	
220-225	A/A w increase in FeOx's + Jasper - intercepted small vein ± increase in carbonate alt'n; no Sulfides ID'd.	Tqlt			1%		TR		
225-230 R-10208	COMMENT: Relatively fresh + unaltered tuff lacking any Ox's + sulfides. Probably has been prop'd tho no $S^{=}$.	Tqlt						5 <.1	
230-235	A/A w TR FeOx's	Tqlt			TR				
235-240 R-10209	A/A 237-239 ft small clay zone	Tqlt			TR			5 <.1	

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by	date	Bearing	Hole No. 5
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description QUARTZ LATITE Tuff	Graphic log geol alt'n	% sul	% ox			Au ppb Ag ppm	remarks
240-245	A/A - unalt'd tuff w̄ TR FeOx's	Tqlt						
245-250 R-10215	A/A	Tqlt		TR			7 .1	
250-255	A/A	Tqlt		TR				
255-260 R-10211	A/A - tuff slightly lighter in color	Tqlt		TR			8 <.1	
260-265	A/A intercepted clay rich zone 261-264 ft	Tqlt						
265-270 R-10212	A/A w̄ TR drk gry qtz vein w̄ vfg py as TR	Tqlt	TR	TR			9 .1	
270-275	COMMENT: Interval lacks silic'n But tuff is wkly chl'd or grn clay alt'n w̄ wk carb alt'n	Tqlt		TR				
275-280 R-10213	A/A w̄ TR py hosted in Tuff drk gry vein qtz lacking, wht-ltgrn clay	Tqlt	TR				209 2.5	- grn clay alt'n

BATTLE MOUNTAIN EXPLORATION COMPANY
Drill Hole Log

Project

logged by	date	Bearing	Hole No. 5
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description QTZ LATITE TUFF	Graphic log geol	alt'n	% sul	% ox		% Jasper	Au ppb Ag ppm	remarks
280-285	A/A w̄ Tr jasper, very subtle vfg sulfide assoc w̄ vein qtz	Tqlt		TR	TR		TR		
285-290	A/A w̄ noticable decrease (lack) of Jasper, FeOx's + Sulfides (py) Tuff less alt'd	Tqlt			TR			5	
R-10214								.1	
290-295	A/A	Tqlt			TR				
295-300	COMMENT: Tuff becomes lighter colored (bleached) w̄ TR vfg'd Sulfides (py) lacks Jasper + FeOx's	Tqlt		TR				<5	
R-10215								<.1	EOH

BATTLE MOUNTAIN EXPLORATION COMPANY
Drill Hole Log

Project PYRAMID LAKE, WASHOE COUNTY, NV 71-18-105

logged by Todd Christensen date | Bearing 225 | Hole No. 6

Coordinates | sample #'s (series) | Inclination -45 | Collar Elv. 4420

Date started 6/22/89 completed 6/22/89 | Type RC | Total Depth 360

Interval (smpl #)	Description	Graphic log geol	alt'n	% sul	% ox		% Jasper	Au ppb / As ppm	remarks
0-5	COMMENT: 0-20 ft Qal consisting of variable + mixed unconsolidated qtz latite tuff and organic matter, very poorly developed soil (?)	Qal							
5-10 R-10216	A/A	Qal						13 / 1.7	
10-15	A/A	Qal		TR asp					
15-20 R-10217	A/A	Qal		TR Asp				16 / 2.6	
20-25	COMMENT: 20-360 ft TD Quartz latite Tuff. COMMENT: STRONG clay zone identifying surface of bedrock (?)	Tqlt		TR Py (asp?)			TR		
25-30 R-10218	A/A w clay still present w an increase to vfg asp? (or in this interval could be wht mica. Silic'd tuff + bleached	Tqlt		Tr Asp?	5		TR	54 / 1.6	
30-35	A/A	Tqlt		TR Asp	5		TR		
35-40 R-10219	A/A w 1% Jasper chips + dissem'd asp(?) in wkly Silic'd + bleached tuff	Tqlt		TR Asp	5		1%	209 / 2.0	Jasper Vein

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by	date	Bearing	Hole No. 6
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description QTZ latite Tuff	Graphic log geol	alt'n	% sul	% ox		% Jasper	Au ppb / Ag ppm	remarks
40-45	A/A w TR Jasper & Slightly more (stronger) silic'd tuff, lacking vein silic'n w TR Asp, this alt'n lacks carbonate	Tqlt		TR Asp	7%		TR Jasp		
45-50 R-10220	A/A w Tuff becoming less strong/n bleached (ltgry vs white-buff) + a decrease in FeOx's & jasper as well as silic'n IN "footwall" of vein?	Tqlt		TR Asp	5%		3%	36 .7	
50-55	COMMENT: Tuff slightly more prop'd w dramatic decrease in FeOx's & Silic'n (out of vein) w wk arg'n of feldspar in tuff. See grn bio	Tqlt		TR Py	TR				
55-60 R-10221	A/A w TR Jasper	Tqlt		TR Py	TR		TR	14 .4	
60-65	A/A	Tqlt		TR	TR		TR		
65-70 R-10222	A/A w Slight increase in Py & TR dk gry qtz VEIN.	Tqlt		TR	TR		TR	58 .6	
70-75	A/A py in both tuff & Jasper w veinqtz. Alt'n remains consistant	Tqlt		TR	TR		TR		- Hit water
75-80 R-10223	COMMENT. Increase in VEIN QTZ to 1% of sample, with ≈ 20% py in VEIN QTZ & Jasper chips. Perhaps stronger carb alt'n	Tqlt		1%	TR		TR	99 1.0	

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by	date	Bearing	Hole No. 6
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description QTZ latite tuff	Graphic log geol	alt'n	% sul	% ox		% Jasper	Au ppb / Ag ppm	remarks
80-85	A/A	Tqlt		TR	TR		TR		
85-90 R-10224	A/A w slight increase in Jasper	Tqlt		TR	TR		TR	40 / .7	
90-95	A/A w TR ASP, Tuff slightly drkr suggesting less alt'd, TR QTZ VEIN silicin	Tqlt		TR ASP	TR				
95-100 R-10225	A/A, no Asp Id'd	Tqlt		TR	TR			<5 / .2	
100-105	A/A, slightly more bleached tuff as matrix is lighter grn	Tqlt		TR	TR				
105-110 R-10226	A/A	Tqlt		TR	TR			18 / .5	
110-115	A/A	Tqlt		TR	TR				
115-120 R-10227	A/A w TR Jasp and TR chl(?) as drk grn chips + occasional drk grn in matrix	Tqlt		TR	TR		TR	26 / .6	

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by	date	Bearing	Hole No. 6
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description QTZ LATITE TUFF	Graphic log geol	alt'n	% sul	% ox				remarks
120-125	A/A- lt gln gry qtz latite tuff w̄ chl'd "clots" in matrix w̄ vfg dissem'd py in tuff. TR FeOx's as wx'd bio + arg'c alt'n of felds, more or lesss	Tqlt		TR	TR				
125-130 R-10228	lacks carb alt'n. A/A. Note 1 grain of topaz (?) w̄ rutile? inclusion (Probably more in tuff but 1st recognized it. Rutile is blk ~~ttee~~ prismatic-acicular	Tqlt		TR	TR			30 .7	
130-135	A/A	Tqlt		TR	TR				
135-140 R-10229	A/A w̄ slight increase in dissem'd py + TR Jasper	Tqlt		TR	TR		TR	34 .8	
140-145	A/A perhaps w̄ slightly more chl in matrix of tuff. Jasper has ±msv clots of py wh are present in Jasper ≈ 10%	Tqlt		TR	TR		TR		
145-150 R-10230	COMMENT: lt gry grn tuff w̄ 2% drk gry silica vein + 1% Jasp. Silica hosts ≈ 10% dissem'd to msv py while Jasp hosts 3% py 1% asp(?). 1 chip displays	Tqlt		TR PY TR Asp	TR		TR	27 .7	
150-155	Relationship of chl rich drk grn tuff w̄ silica veinlet then jasp ie Jasp late (?). Interval 150-155 less silica + Jasp ∴ sulfides	Tqlt		TR	TR		TR		
155-160 R-10231	A/A w̄ slight increase in bleaching	Tqlt		TR	TR		TR	26 1.3	

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by | date | Bearing | Hole No. 6

Coordinates | sample #'s (series) | Inclination | Collar Elv.

Date started | completed | Type | Total Depth

Interval (smpl #)	Description QTZ LATITE TUFF	Graphic log geol alt'n	% sul	% ox		% Jasper	Au ppb Ag ppm	remarks
160-165	A/A - lt gry grn tuff bleached wk arg'c alt'n overprinted by prop'c altn. Tr vein qtz	Tqlt	TR	TR		TR		
165-170 R-10232	A/A w̄ slight increase in both drk gry vein qtz & wht vein qtz w̄ TR S⁻	Tqlt	TR	TR		TR	621 1.7	
170-175	A/A	Tqlt	TR	TR		TR		
175-180 R-10233	COMMENT: Tuff still lt grn-gry but lacks silic'n & Jasper chips FeOx's related to Arg'c altn of matics in tuff	Tqlt		TR			16 .3	
180-185	A/A but w̄ drk gry vn silica back to up to 1%, no S⁻ Identified.	Tqlt		TR				
185-190 R-10234	COMMENT: Tuff more BLEACHED w̄ fine Grained TR py dissem'd in tuff. Relect bio don't really produce FeOx's, form a grn Sericite wk carb alt'n	Tqlt	TR	TR			14 .3	
190-195	A/A Lacking sulfides	Tqlt		TR				
195-200 R-10235	A/A	Tqlt		TR			<5 .2	

BATTLE MOUNTAIN EXPLORATION COMPANY

sheet 6 of 9

Drill Hole Log

Project

logged by | date | Bearing | Hole No. 6

Coordinates | sample #'s (series) | Inclination | Collar Elv.

Date started | completed | Type | Total Depth

Interval (smpl #)	Description	Graphic log geol	alt'n	% sul	% ox		% Jasper	Au ppb / Ag ppm	remarks
	QTZ LATITE TUFF								
200-205	A/A-lt gry grn chl'd (prop'd) qtz latite tuff w̄ tr FeOx as alt'n product of felds & mafic lithic frags (?) (FeOx's w often in core of felds)	Tqlt			TR				
205-210	A/A w̄ TR silic'n in tuff (ie tuff w drk gry & more siliceous than unsilic'd tuff)	Tqlt			TR			10	
R-10236								.8	
210-215	A/A	Tqlt			TR				
215-220	A/A	Tqlt			1%			20	
	217-219 ft w̄ wk silic'n								
R-10237								.6	
220-225	A/A	Tqlt		TR	TR				
225-230	A/A w̄ noticable increase in dissem'd py w̄ up to 1% drk gry vein silica in chl'd tuff. py content greatest in tuff.	Tqlt		TR	TR			43	
R-10238								.6	
230-235	A/A but w̄ TR Jasp	Tqlt		TR	TR		TR		
235-240	A/A but w̄ = 7% dissem'd py in qtz vein wh is <1% of sample	Tqlt		TR	TR		TR	199	
R-10239								1.4	

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by	date	Bearing	Hole No. 6
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description QTZ latite tuff	Graphic log geol	alt'n	% sul	% ox		% Jasper	As ppb / As ppm	remarks
240-245	A/A - Arg'y alt'd qtz latite tuff w̄ TR dissem py, FeOx's lacks Jasper	Tqlt		TR	TR				
245-250	A/A	Tqlt		TR	TR			27	
R-10240								.6	
250-255	A/A	Tqlt			TR				
255-260	A/A	Tqlt			TR			13	
R-10241								1.1	
260-265	COMMENT: Noticable increase in intensity of alt'n as bleaching w̄ wk carb alt'n. Stronger prop's alt'n as ~~alt~~ lt grn color is more intense also.	Tqlt		TR	TR				
265-270	A/A w̄ TR silic'n (?)	Tqlt		TR	TR			7	
R-10242								.5	
270-275	A/A w̄ TR Silic'n & lack of carbonate alt'n	Tqlt		TR	TR				
275-280	A/A w̄ ~~wk~~ very wk carb alt'n + TR Jasp	Tqlt		TR	TR		TR	21	
R-10243								.3	

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by | date | Bearing | Hole No. 6

Coordinates | sample #'s (series) | Inclination | Collar Elv.

Date started | completed | Type | Total Depth

Interval (smpl #)	Description QTZ LATITE Tuff	Graphic log geol alt'n	% sul	% ox		% Jasper	Au ppb Au ppm	remarks
280-285	COMMENTS: Grn-gry qtz latite tuff w wk-mod mod propic alt'n + includes tr gry-dk gry silica veining + TR Jasper. TR py in dissem + vfg'd in vein silica.	Tqlt	TR	TR		TR		
285-290 R-10244	A/A w ox'ds a product of both py + Alt'd lithics in tuff 286'-287 ft - clay zone	Tqlt		1%		TR	19 .7	
290-295	A/A w silic'n + Jasper falling off.	Tqlt	TR	TR				
295-300 R-10245	A/A	Tqlt	TR	TR			7 .8	
300-305	A/A	Tqlt	TR	TR				
305-310 R-10246	A/A	Tqlt	TR	TR			286 .8	
310-315	A/A w tuff becoming lighter as f of stronger prop'n	Tqlt	TR	TR				
315-320 R-10247	A/A perhaps w slight increase in py + Silic'n	Tqlt	TR	TR			16 .6	

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by | date | Bearing | Hole No. 6

Coordinates | sample #'s (series) | Inclination | Collar Elv.

Date started | completed | Type | Total Depth

Interval (smpl #)	Description QTZ LATITE Tuff	Graphic log geol	alt'n	% sul	% ox		% Jasper		remarks
320-325	COMMENT: Interval has good silicin w̄ dissem'd py to 1 piece w̄ vfg msv py. Silica (dk gry) has nearly completely replaced tuff w̄ >1% wht euhedral feldspar "ghosts"	Tqlt		1% Tr gal?	TR		TR		
325-330 R-10248	still present Interval 325-330 silicin has fallen off considerably as have sulfides.	Tqlt		TR	TR			141 5.2	
330-335	A/A	Tqlt		TR	TR				
335-340 R-10249	A/A w̄ up to <1% Jasper chips the no S= Id'd in chips. Clear cockade silica units in Jasper. TR Py dissem'd in tuff. Also coarse carbonate, + yellow-buff silica (?) w/n	Tqlt		TR	TR		1%	129 .9	
340-345	sulfides A/A	Tqlt		TR	TR		1%		could be loosing hole as expect to see more bleaching
345-350 R-10250	A/A	Tqlt		TR	TR		1%	31 1.8	assoc w̄ the much jasper
350-355	COMMENT: Jasper fell off dramatically along w̄ FeOx's w̄ TR py + TR silicin	Tqlt		TR	TR		TR		"good" sample?
355-360 R-10251	COMMENT: Cuttings look very mixed from bleached wht tuff to dark grn relatively unalt'd tuff. No sulfides ID'd. A Possibility is entering a structure	Tqlt			1%		TR	32 1.1	contamination? loosing hole EOH

(319)
ITEM 74-G

BATTLE MOUNTAIN EXPLORATION COMPANY
Drill Hole Log

Project PYRAMID LAKE WASHOE COUNTY, NV 71-18-105

logged by Todd Christensen date | Bearing 225 | Hole No. 7

Coordinates | sample #'s (series) R-10252 thru | Inclination -45 | Collar Elv. 4428 ft

Date started 6/24/89 completed 6/25/89 R-10281 | Type RC | Total Depth 300 ft

Interval (smpl #)	Description	Graphic log geol	alt'n	% sul	% ox			Au ppb	remarks
0-5 no sample	0-17 1/2' Qal; Consisting of variably alt'd tuff decomposed to peb-sand sized grains mixed w organic material. Depth to Bedrock may be deeper. Clay	Qal							
5-10 R-10252	+ arg'c alt'd tuff w trace jasper make up bulk of sample.	Qal						<5	
10-15	A/A	Qal							
15-20 R-10253	A/A COMMENT: 17 1/2' to 300 ft TD variably alt'd gry-grn quartz	Qal / Tqlt		TR	5%		TR	12	
20-25	latite tuff w subanhedral to Euhedral qtz sanidine and feldspar w 2-3% alt'd bio to hexagonal sea grn xstals Intervals 15-30 ft consists	Tqlt			5%				
25-30 R-10254	lt gry grn wkly bleached arg'y alt'd tuff pw TR vfgpy + TR Jasp	Tqlt		TR	7%		TR	<5	
30-35	COMMENT: Tuff Strong Arg'y alt'd + bleached, TR Jasper + TR Silich in Tuff.	Tqlt		Nil	10%		TR		
35-40 R-10255	As Above w jasp vein	Tqlt			7%		5%	15	jasp vein

BATTLE MOUNTAIN EXPLORATION COMPANY
Drill Hole Log

Project

logged by	date	Bearing	Hole No. 7
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description QTz latite tuff	Graphic log geol	alt'n	% sul	% ox		% Jasp	Au ppb	remarks
40-45	COMMENT: Gly grn qtz latite tuff wkly bleached + arg'y alt'd w̄ TR py + TR Silicn. Jasp lacking	Tqlt		TR	3%				
45-50 R-10256	A/A w̄ noticible decrease in FeOx's & no py	Tqlt			1%				
50-55	Relatively fresh tuff w̄ wk carb alt'n. No sulfides w̄ TR FeOx's	Tqlt			TR			comp <5	
55-60 R-10257	A/A - gry grn ± fresh tuff	Tqlt			TR				
60-65	A/A perhaps darker grn in color due to chl'n	Tqlt			TR				
65-70 R-10258	A/A	Tqlt							
70-75	A/A	Tqlt						comp <5	
75-80 R-10259	A/A perhaps w̄ stronger clay alt'n w̄ TR FeOx's as coatings on chips	Tqlt			TR				

BATTLE MOUNTAIN EXPLORATION COMPANY
Drill Hole Log

Project

logged by	date	Bearing	Hole No. 7
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description qtz latite tuff	Graphic log geol	alt'n	% sul	% ox		% Jasper	Au ppb	remarks
80-85	Comment: lt grey-grn qtz latite tuff cut by red ~~[illegible]~~ pyrite bearing Jasper vein. Tuff remains relatively unalt'd	Tqlt		TR			1%		Trace of water
85-90 R-10260	A/A w/ TR Silic'n (?)	Tqlt			TR			<5	
90-95	COMMENT: Tuff Becomes noticably more bleached w/ TR Jasper, and assoc'd TR py in Jasper. Clay clots also (wht)	Tqlt		TR			TR		
95-100 R-10261	A/A w/o clay clots	Tqlt		TR			TR	<5	
100-105	A/A; no sulfides identified COMMENT: 104' to 110' clay rich zone STRUCTURE (?)	Tqlt					TR		
105-110 R-10262	A/A w/ out tr Jasper	Tqlt						<5	
110-115	COMMENT: Trace Jasper w/ 2-3% dissem'd py in jasper	Tqlt		TR			TR		
115-120 R-10263	A/A; lacking jasper however dissem'd vfg py in tuff	Tqlt		TR	TR			21	

BATTLE MOUNTAIN EXPLORATION COMPANY
Drill Hole Log

Project

logged by	date	Bearing	Hole No. 7
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description QTZ latite tuff	Graphic log geol	alt'n	% sul	% ox			Au ppb	remarks
120-125	A/A gry-grn wkly alt'd (prop'd) tuff	Tqlt							
125-130 R-10264	A/A w̄ TR drk gry silica chips	Tqlt		TR				9	
130-135	A/A w̄ more intense bleaching	Tqlt							
135-140 R-10265	A/A no ⊃=	Tqlt						<5	
140-145	A/A w̄ TR py	Tqlt		TR			TR		- began injecting water
145-150 R-10266	A/A ⊃	Tqlt		TR	TR		TR	9	
150-155	A/A w̄ out TR Jasp	Tqlt		TR	TR				
155-160 R-10267	A/A w̄ tuff noticably drker (not as intense of prop'n), no py	Tqlt			TR		TR	34	

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by	date	Bearing	Hole No. 7
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description QTZ LATITE TUFF	Graphic log	geol alt'n	% sul	% ox			Au ppb	remarks
160-165	Drk gry grn tuff w̄ wk Silicn + TR FeOx's	Tqlt			TR				
165-170 R-10268	A/A lacking Silicn	Tqlt			TR		TR	<5	
170-175	A/A w̄ out Jasper	Tqlt							
175-180 R-10269	Tuff drker gry - less alt'd w̄ a chl alt'n (?)	Tqlt							
180-185	A/A	Tqlt						comp <5	
185-190 R-10270	A/A	Tqlt							
190-195	A/A	Tqlt							
195-200 R-10271	A/A	Tqlt							

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by	date	Bearing	Hole No. 7
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description QTZ LATITE Tuff	Graphic log geol alt'n	% sul	% ox		% Jasper	Au ppb	remarks
200-205	COMMENT: lt gra grey quartz latite tuff w̄ lightening in color, weak FeOx's, ± Arg'y alt'd w̄ wk carb alt'n	Tqlt		TR			comp <5	
205-210 R-10272	A/A	Tqlt		TR				
210-215	A/A w̄ slight increase in FeOx's	Tqlt		TR			comp <5	
215-220 R-10273	A/A w̄ TR Jasper tho no sulfides Identified	Tqlt		TR		TR		
220-225	A/A w̄ out Jasper & TR vein Silica	Tqlt		TR			comp <5	
225-230 R-10274	A/A w̄ TR Py	Tqlt	TR	TR				
230-235	COMMENT: Noticable increase in lim's FeOx's to 1% w̄ TR drk vein qtz + TR py assoc'd w̄ ox'd vein + tuff, Bleaching of tuff remains consistent w̄ sea grn hexagonal micas	Tqlt	TR	TR				
235-240 R-10275	very wk Carbonate alt'n Comment: interval 235-240 has very minor amt of Jasper w̄ TR py in jasper. Silic'n assoc w̄ replacement of tuff w̄ TR vein material.	Tqlt	TR	TR		TR	<5	

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by	date	Bearing	Hole No. 7
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description (Qtz LATITE TUFF)	Graphic log geol	alt'n	% sul	% ox			Au ppb	remarks
240-245	A/A - wkly bleached-prop'd quartz latite tuff w/ TR FeOx's. Tuffis lacking in Silica	Tqlt			TR				
245-250 R-102778	A/A	Tqlt			TR				
250-255	A/A	Tqlt			TR			comp <5	
255-260 R-102787	A/A	Tqlt			TR				
260-265	A/A; tuff drker gry - less alt'd	Tqlt			TR				
265-270 R-102788	A/A	Tqlt			TR				
270-275	A/A	Tqlt			TR			comp <5	
275-280 R-102789	A/A Tuff lighter grn, stronger alt'n	Tqlt			TR				

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by | date | Bearing | Hole No. 7

Coordinates | sample #'s (series) | Inclination | Collar Elv.

Date started | completed | Type | Total Depth

Interval (smpl #)	Description Quartz LATITE Tuff	Graphic log geol	alt'n	% sul	% ox		% Jasper	Au ppb	remarks
280-285	COMMENT: Drk gry quartz LATITE Tuff, darker than previous interval, w/ TR FeOx's & wk prop'c alt'n. Tuff appears unaltered as evidenced by feldspar - has wk clay alt'n	Tqlt			TR				
285-290 R-1028.0	A/A w/ tuff lighter in color	Tqlt			TR				
290-295	A/A tuff lighter colored yet	Tqlt						comp 10	
295-300 R-1028.1	A/A w/ TR Jasper w/ TR py in Jasper bleaching begins to fall off @ 296 ft	Tqlt		TR	TR		TR		EOH

BATTLE MOUNTAIN EXPLORATION COMPANY
Drill Hole Log

Project Pyramid Lake 71-18-105

logged by Todd Christensen date 6/25/89 and 8/ Bearing 45 Hole No. 8

Coordinates sample #'s (series) R-10282 thru Inclination -45 Collar Elv. 4428

Date started 6/25/89 completed 6/25/89 R-10295 Type RC Total Depth 140 ft

Interval (smpl #)	Description	Graphic log geol	alt'n	% sul	% ox			Au ppb	remarks
0-5	COMMENT: 0-7 ft Qal consisting of variably alt'd quartz latite tuff w̄ sand sized grains of wx'd tuff products. Includes minor organic material	Qal							
5-10 R-10282	COMMENT: 7-140 ft TD variably alt'd quartz latite tuff consisting of 5-8% sub hedral - Euhedral	Tqlt						<5	
10-15	qtz, 10-12% feldspar, 2% Euhedral bio often hydrothermally alt'd to a hexagonal sea grn mica + Tr Topaz.	Tqlt			3%		TR		
15-20 R-10283	COMMENT. 7-20 ft bleached wht-buff tuff w̄ 3-5% lim'c ox'ds + moderate carbonate alt'n w̄ Tr Jasper. No Sulfides ID'd	Tqlt			5%		TR	<5	
20-25	A/A w̄ bleaching more intense, silic'n of tuff, + FeOx's content decreasing. Carbonate alt'n decreasing as well	Tqlt			1%				
25-30 R-10284	A/A w̄ Tr py in Tr jasper	Tqlt		TR	1%		TR	159	
30-35	A/A	Tqlt		TR	1%		TR		
35-40 R-10285	COMMENT: 35-43 ft gry drk gry lapilli tuff w̄ locally qtz veins and assoc'd bleaching. Tr jasp + Tr py w̄ both jasper + bleached tuff. Note hexagonal sea grn micas	Tqlt		TR	Tr		TR	26	

≈ 1%

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by	date	Bearing	Hole No. 8
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description QTZ LATITE Tuff	Graphic log geol alt'n	% sul	% ox			Au PPb comp = composite sample	remarks
40-45	As previous page.	Tqlt						
	COMMENT: 43-50ft bleached + argy alt'd wkly silic'd tuff							
45-50	w̄ vfg bio? dissem'd in tuff (K-alt'n (?)). Tr vfg py dissem in tuff. wk carbonate alt'n.	Tqlt						
R-10286								
50-55	COMMENT: 51ft – 64ft lt grg grn wkly silic'd tuff lacking bleaching w̄ ~ 1% FeOx's as coatings + ft fillings	Tqlt		1%			Comp 14	
55-60		Tqlt		1%				
R-10287								
60-65	COMMENT: 64ft – 65 short	Tqlt		1%				blew hyd line quit drilling for day
65-70	interval of up to 20% FeOx's in Tuff w̄ corresponding bleaching + silic'n (?) of tuff	Tqlt		20% TR				
R-10288	COMMENT: 66-68" fresh unalt'd tuff w̄ TR FeOx's							
70-75	COMMENT: 68 – 80ft wkly alt'd grey grn tuff w̄ TR py + bleaching.	Tqlt		TR			Comp <5	
75-80	A/a	Tqlt		TR				
R-10289								

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by	date	Bearing	Hole No. 8
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description	Graphic log geol	alt'n	% sul	% ox				remarks
80-85	80-90 ft; prop'l alt'd more intense w tuff still grn but much lighter in color, ≈ 1% FeOx's as coatings w interval 83'-84' carrying 10% Ox's	Tqlt			1% 10%				— begin injecting water
85-90 R-10290	A/A	Tqlt			1%				
90-95	COMMENT: 90-95 gry tuff w Tr FeOx's looks unalt'd.	Tqlt			TR			comp <5	
95-100 R-10291	COMMENT: 95-105 ft back into prop'l tuff, lt grn w Tr Py + FeOx's	Tqlt		TR	TR				
100-105	COMMENT: 105 ft - 140 ft (EOH) gry tuff w TR-1% drssem'd FeOx's. Tuff variably "alt'd" in that color changes subtle from dark to light grey. Tr vein qtz Also noted.	Tqlt			TR				
105-110 R-10292		Tqlt			TR				
110-115		Tqlt			TR			comp 6	
115-120 R-10293	Tr vein Silica (drk gry)	Tqlt			TR				

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by	date	Bearing	Hole No. 8
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description	Graphic log geol	alt'n	% sul	% ox				remarks
	QTZ LATITE Tuff								
120-125	A/A w TR Jasp	Tqlt			TR		TR		
125-130	A/A	Tqlt			TR				
R-10294	subtle increase in bleaching at 127' ft								
130-135	A/A	Tqlt			TR			Comp < 5	
135-140	A/A	Tqlt			TR				
R-10295	EOH								EOH

BATTLE MOUNTAIN EXPLORATION COMPANY
Drill Hole Log

Project Pyramid Lake 71-18-105

logged by Todd Christensen date 6/28/89 Bearing 245 Hole No. 9

Coordinates sample #'s (series) R-10296 +w Inclination -45 Collar Elv. 4530 ft

Date started 6/28/89 completed 6/28/89 R-10364 Type RC Total Depth 380

Interval (smpl #)	Description	Graphic log geol	alt'n	% sul	% ox		% Jasper	Au ppb / Ag ppm	remarks
0-5	0-380 TD gray pt Latite tuff w 15-20% subhedral to euhedral plagio clase(?) felds, 8-10% subhedral qtz, 2% hexagonal 5a gm mica. Ubiquitously propylitized to varying degrees. Tuff	Tqlt							
5-10	appears to be monotonous w out noticable changes in mineral percentages.	Tqlt						<5	
R-10296								<.1	
10-15	COMMENT: at 13 + 14 ft small Jasper veins intercepted (w/o Sulfides)	Tqlt					TR		
15-20	A/A	Tqlt						<5	
R-10297	@19' Hm or Hg Ox's on jt surfaces				TR			<.1	
20-25	@22-23' Interval intercepted small Jasper veins + FeOx's on jt surfaces	Tqlt			TR		TR		
25-30	26-28 ft interval FeOx + ±Hg Ox's (?) on jt surfaces	Tqlt			TR			<5	
R-10298								<.1	
30-35	30-33 ft Fe + ±Hg Ox's on jt surfaces	Tqlt			TR		TR		
	33-35 ft weak bleaching in tuff, out into unalt'd tuff.								
35-40	35-40 ft unalt'd tuff w ± Yellow Ox'd coatings on chips	Tqlt						<5	
R-10299								<.1	

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by	date	Bearing	Hole No. 9
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description QTZ LATITE TUFF	Graphic log geol	alt'n	% sul	% ox		% Jasper		remarks
40-45	unalt'd qtz latite tuff con't	Tqlt			TR				
45-50 R-10300	A/A	Tqlt			TR			<5 <.1	
50-55	A/A	Tqlt			TR				
55-60 R-10301	A/A	Tqlt			TR			<5 <.1	
60-65	@ 61 ft slc increase in Yellow Ox's (As Ox's (?)) w̄ tuff becoming lighter in color. '64 FeOx's cutting tuff	Tqlt			TR				
65-70 R-10302	A/A w̄ Tr vfg py in Tuff 69-95 ft interval tuff w abdt	Tqlt		TR	TR			<5 <.1	
70-75 R-10303	in grn clays along w̄ definite bleaching of tuff and what appears to be stronger As(?)Ox's. Tr Silicn of tuff as well as relatively more Jasper re approaching	Tqlt					TR	<5 <.1	
75-80 R-10304	stkwk zone, occasional calcite xtals 76-77 ft vein @ 30% FeOx's Silicn + bleaching	Tqlt			30% TR		TR	<5 <.1	

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by	date	Bearing	Hole No.
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description Qtz latite tuff	Graphic log geol alt'n	% sul	% ox		% Jasper		remarks
80-85 R-10305	A/A w̄ bleaching + wk Silic'n	Tqlt		2%		TR	<5 .5	
85-90 R-10306	A/A	Tqlt		2%		TR	43 1.9	
90-95 R-10307	A/A	Tqlt				TR	50 2.1	
95-100 R-10308	97'-108 ft very strong bleach + clay alt'd w̄ tuff nearly wht w̄ grn tinge, consisting almost 30% of clay first 5 ft Tr vfg dissem	Tqlt	TR	TR		TR	8 1.1	
100-105 R-10309	py + Tr FeOx's. Rock lacks carbonate ∴ not true prop'c alt'n 101 ft - 104 ft interval ox's range from 7-15% of sample	Tqlt					34 1.8	
105-110 R-10310	106-107 ft intercepted 10% FeOx's vein 108-154 ft intense wht clay-bleach falls off w̄ tuff becoming more	Tqlt	1%	TR			40 1.4	
110-115 R-10311	lt-brite grn and silic'd (?) w̄ fine grained dissem py in both Silic'd + strongly prop'd-arg'y alt'd tuff up to 1% 112-114 ft Jasper veinlets comprise ≈ 15% of sample	Tqlt	1%	TR		≈ 15%	60 2.4	
115-120 R-10317	116 ft - 118 ft strong silic'n of tuff tho lacks sulfides	Tqlt	TR	TR			22 .5	

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by | date | Bearing | Hole No. 9

Coordinates | sample #'s (series) | Inclination | Collar Elv.

Date started | completed | Type | Total Depth

Interval (smpl #)	Description QTZ LATITE TUFF	Graphic log geol alt'n	% sul	% ox			Au ppb / Ag ppm	remarks
120-125	CON'T w̄ up to 1% dissem py	Tqlt	1% py TR gal?				24	
R-10313							1.0	
125-130	A/A w̄ TR py + no gal	Tqlt					23	
R-10314							.3	
130-135	Tuff in this interval becoming more silic'd (130-135 ft)	Tqlt					235	
R-10315	134-136 ft intercepted Jasper zone wh makeup ≈ 7% of sample.					20%	2.7	
135-140	Jasper 20% vfg to m grained dissem'd py w̄ vfg drk gry stringers of enargite (?)	Tqlt					338	
R-10316							2.6	
140-145	141-143 ft interval up to 5% jasper as described above.	Tqlt				5%	118	TRACE water
R-10317	144-145 ft 3% py, 10% ox's + ≈ 5% drk gry silica as silic'd tuff		3%	10%			1.0	
145-150	145-154' interval bleaching more intense w̄ sulfides + silicn along w̄ Jasper. 1 chip w msv fg'd py.	Tqlt	3%	5% TR			126	
R-10318							4.9	
150-155	154'-170' brite grn clay alt'n w̄ decrease in S= silica + jasper	Tqlt	1% TR	TR			193	
R-10319							9.1	
155-160	Strong clay alt'n implies structure	Tqlt	TR gal	TR			66	
R-10320							1.5	TR WATER

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by	date	Bearing	Hole No. 9
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description QTZ latite tuff	Graphic log geol	alt'n	% sul	% ox				remarks
160-165	CONT							10	
	161'-170' Tuff noticable less alt'd to darker grn, lacks Silic'n (TR Silic'n) w̄ TR py	Tqlt		TR					
R-10321								.4	
165-170	A/A							15	
		Tqlt		TR					
R-10322								.3	
170-175	170-174' tuff slightly bleached w̄ strong clays And TR gal w̄ TR py. Also note increase in lim'c FeOx's Probable structure	Tqlt		TR py TR gal	TR			16	TR water
R-10323	174'-197' gry grn tuff with							.6	
175-180	lack of clays and alt'n. TR FeOx's (lim'c) w̄ TR py	Tqlt		TR py	TR			12	
R-10324								.2	
180-185	A/A	Tqlt		TR py	TR			<5	
R-10325								<.1	
185-190	A/A	Tqlt		TR py	TR			<5	
R-10326								<.1	
190-195	197'-202' olv grn clay alt'd tuff	Tqlt		TR py	TR			<5	
R-10327								<.1	
195-200	A/A	Tqlt		TR py	TR			<5	
R-10328								<.1	

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by	date	Bearing	Hole No.
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description QTZ LATITE TUFF	Graphic log geol alt'n	% sul	% ox		Jasp		remarks
200-205								
	CON'T		TR PY	TR			<5	
	202-213' light grn gry tuff	Tqlt						
	w̄ FeOx'd coatings includes ≈3%			3%		10%		
R-10329	FeOx's as fx fillings + 10% Jasper						<.1	
205-210	vern w̄ possible Hg Ox's							
							<5	
		Tqlt	TR	TR				
R-10330							<.1	
210-215								
	213'-240' lt tuff becomes more						<5	
	bleached + lighter grn in color while	Tqlt	TR	TR				
	lim'c FeOx's "stain" chips							
R-10331							<.1	
215-220	A/A							
		Tqlt	TR	TR			<5	
R-10332							<.1	
220-225								
	222'-223' Jasper veinlet w̄						67	
	silic'n	Tqlt	TR	TR		1%		
	223'-224' Clay zone small							
R-10333	Structure						.6	
225-230	A/A							
		Tqlt	TR	TR			<5	
R-10334							.1	
230-235	230-235 lim'c ox's falling							
	off w̄ lt gry tuff						<5	
		Tqlt	TR	TR				
R-10335							.1	
235-240	235-245 lim'c ox's return							
							<5	
		Tqlt	TR	TR				
R-10336							.1	

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by | date | Bearing | Hole No. 9

Coordinates | sample #'s (series) | Inclination | Collar Elv.

Date started | completed | Type | Total Depth

Interval (smpl #)	Description QTZ LATITE Tuff	Graphic log geol alt'n	% sul	% ox				remarks
240-245	CONT							
	240 – 250 noticably bleached tuff		TR				<5	
	w̄ TR Enargite (?) + Silicn + Jasp	Tqlt	Enarg	TR				
			TR					
R-10337			Py				.2	
245-250	A/A							
	w̄ 4% jasp intercept btwn						31	
	247 – 248 ft w̄ vfg dissem'd py	Tqlt	TR	TR		4%		
R-10338			Py				.1	
250-255	250-252 ft 2' intercept of ≈ 5%							
	jasp w̄ seam of msv py + mod		msv py				7	
	Silicn	Tqlt		TR		5%		
	253'-255 noticable increase in							
R-10339	Yellow ox'd w̄ K-SPAR PVNlt						<.1	
255-260	A/A							
							19	
		Tqlt		TR				
R-10340							.2	
260-265	260 – 288 ft - mixture of ltgry							
	& bleached wht tuff w̄ vfg dissem'd						177	
	py w̄ varying amt's of lim'c	Tqlt	msv py	TR				
	FeOx'd as "stain" not vnlts. Tuff							
R-10341	somewhat silic'd						.7	
265-270	A/A							
							28	
		Tqlt	TR	2%				
R-10342							.3	
270-275	A/A							
							<5	– Hit water began injecting water
		Tqlt	TR	TR				
R-10343							.1	
275-280	A/A							
							<5	
		Tqlt	TR	3%				
R-10344							.1	

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by	date	Bearing	Hole No. 9
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description QTZ LATITE Tuff	Graphic log geol alt'n	% sul	% ox				remarks
280-285	CONT	Tqlt	TR	TR		TR Jasp	20	
	288-320' more strongly bleached tuff							
R-10345	w FeOx's falling off sharply from						.1	
285-290	previous interval. TR py assoc w very thin Jasper (vnlt's - 1-2mm thick)	Tqlt	TR	TR			14	
R-10346	STRONG BUFF						.4	
290-295		Tqlt	TR	20%			6	
R-10347	294-305 tuff strongly bleached						.3	
295-300	w interval 294-300 having 20% FeOx's. STRONG BUFF w/t clays assoc'd w 6ft interval as well	Tqlt	TR				16	
R-10348							.5	
300-305	302-320 ft wkly silic'd zone w tuff still light grn. Carb alt'n lacking. TR py + TR FeOx's thru interval w "high grade" veins	Tqlt	TR	TR			12	
R-10349							.4	
305-310	A/A	Tqlt	TR	TR			19	
R-10350							.3	
310-315	310-317 zone mwh see mgr py (brite yellow x stal's 2-3mm cubes) w grytlk fine grained Sulfide (enargite?)	Tqlt	3% 7% 5%	1%			.521 opt	
R-10351							13.3	
315-320	317-320 FeOx's + S= drop off out of vein.	Tqlt	1% TR	TR			353	
R-10352							1.0	

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by	date	Bearing	Hole No. 9
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description QTZ LATITE Tuff	Graphic log geol alt'n	% sul	% ox				remarks
320-325 R-10353	CONT Alt'n waning w̄ tuff lt-drk grn No sulfides ID'd. Occasional coarse calcite (?) xstals	Tqlt		TR			179 .8	
325-330 R-10354	A/A	Tqlt	TR				41 .4	
330-335 R-10355	wkly silic'd tuff w̄ occasional drk gry silica w̄ vfg dissem'd py	Tqlt	TR	TR			422 .4	
335-340 R-103.56	Comment: Silic'n 3-5% of sample w̄ occasional chips of msv py w̄ TR FeOx'ds	Tqlt	3%	TR			170 .9	
340-345 R-10357	340-345 interval slightly more bleached w̄ corresponding decrease in py	Tqlt		TR			31 .5	
345-350 R-10358	346'-348' clay zone (structure?)	Tqlt	TR	3% TR 1%			1261 1.1	
350-355 R-10359	A/A	Tqlt	TR 2%	3%			451 1.2	
355-360 R-10360	A/A lacking FeOx's.	Tqlt	TR	2%			99 .4	

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by	date	Bearing	Hole No.
Coordinates	sample #'s (series)	Inclination	Collar Elv.
Date started	completed	Type	Total Depth

Interval (smpl #)	Description QTZ LATITE Tuff	Graphic log geol alt'n	% sul	% ox				remarks
360-365	CONT						27	
	360-370 carb alt'n w carb	Tqlt	TR	TR				
	still present to 373							
R-10361							.3	
365-370	A/A						28	
		Tqlt	TR	1%				
R-10362							.5	
370-375	A/A						29	
		Tqlt	TR	TR				
R-10363							.3	
375-380	Tuff slightly more Silic'd (?)						2625	
	w increase in FeOx's w a	Tqlt	TR	3%				
	few chips coated w wht							
	clay							
R10364							4.3	EOH

BATTLE MOUNTAIN EXPLORATION COMPANY
Drill Hole Log

Project PYRAMID LAKE, WASHOE COUNTY NV 71-18-105

logged by Todd Christensen date 6/29-30, 8/11/89 Bearing 60° Hole No. 10

Coordinates sample #'s (series) R-10365 Inclination -45 Collar Elv. 4513 ft

Date started 6/29/89 completed 6/30/89 thru R-10431 Type RC Total Depth 350

Interval (smpl #)	Description	Graphic log geol	alt'n	% sul	% ox		% Jasper		remarks
0-5	COMMENT: 0-350 TD lt gry qtz latite tuff w 15-20% med grained subhedral-euhedral white-buff colored Sodic(?) feldspar, 7-10% lt gry subhedral qtz, w-2-3% biotite often alt'd to hexagonal 2-4mm xstals. Tr Topaz(?) Rock is ubiquitously propylitically alt'd to varying degrees. COMMENT: 0-26 ft tuff is dk gry relatively unalt'd w tr Apa	Tq	lt						
5-10		Tq	lt					5	
R-10365								.5	
10-15	FeOx's as coatings on chips	Tq	lt						
15-20	A/A	Tq	lt				TR Jasper	<5	
R-10366								.1	
20-25	26-36 ft Tuff is Bleached w corresponding increase in FeOx's (3%) w Tr Silicin + wht clays	Tq	lt						
25-30	26-36 ft Tuff is Bleached w corresponding increase in FeOx's (3%) w Tr Silicin + wht clays	Tq	lt		3%			17	
R-10367								.6	
30-35	36- out of bleach back in to "unalt'd tuff"	Tq	lt		3%			13	
R-10368								1.3	
35-40	A/A	Tq	lt					<5	
R-10369								.1	

BATTLE MOUNTAIN EXPLORATION COMPANY

sheet 2 of 9

Drill Hole Log

Project

logged by | date | Bearing | Hole No. 10

Coordinates | sample #'s (series) | Inclination | Collar Elv.

Date started | completed | Type | Total Depth

Interval (smpl #)	Description	Graphic log geol alt'n	% sul	% ox		% Jasp		remarks
	QTZ LATITE tuff							
40-45	CONT						<5	
	43-44 ft intercepted small Jasper vein w̄ a wk yellow Ox'd (lim's or As Ox?) from 43'–	Tqlt		TR		3%		
R-10370							.3	
45-50	46 ft						<5	
	46 ft – 52 ft fresh tuff	Tqlt		TR				
R-10371							.1	
50-55							<5	
	52 – 57 wk yellow Ox'd m+on fresh tuffs	Tqlt		TR				
R-10372							.2	
55-60							<5	
	57-58 ft small Jasper vein	Tqlt		TR		2%		
R-10373	59-61 ft Jasper-Hm rep m						.2	
60-65	unalt'd tuff					40%	<5	
	63-65 ft tuff bleached w̄ Yellow Ox'ds & Jasper	Tqlt		5%		3%		
R-10374							.2	
65-70	65-73 ft 7% Jasper m Yellow Ox'ds + wkly alt'd tuff	Tqlt				7%	<5	
R-10375							<.1	
70-75							<5	
	73-77 ft gry-grn bleached tuff - clay alt'd	Tqlt		2% lim on fx's				
R-10376							.1	
75-80							63	
	77-80 ft Silic'n + strong FeOx's w̄ TR py + up to 1% Jasper w̄ last 1 ft interval as high as	Tqlt	TR	TR 15 20				
R-10377	90% FeOx's + 3% drk gry silica			90			4.7	

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by | date | Bearing | Hole No. 10

Coordinates | sample #'s (series) | Inclination | Collar Elv.

Date started | completed | Type | Total Depth

Interval (smpl #)	Description QTZ LATITE TUFF	Graphic log geol alt'n	% sul	% ox		% Jasper		remarks
80-85	cont							
	80-83 ft 7% FeOx's w	Tqlt		7%			16	
	Tr Silicin (veins) + TR Jasper.					TR Jasper		
	Tuff is bleached w wk silicin							
R-10378							1.4	
85-90	85-94 ft FeOx's have dropped							
	off consiterable w nil ox's at						6	
	end of run. Tuff is brite grn	Tqlt						
	clay-sericite alt'd w Tr vfg py		TR	TR				
R-10379	wk silicin of tuff.						.3	
90-95								
							<5	
		Tqlt						
	94-95 ft FeOx'd vein							
R-10380	94-100 ft tuff becomes			5%			<.1	
95-100	darker grn w strong wht							
	clays on chip surfaces	Tqlt					<5	
	100-135 ft drk grn unaltd							
R-10381	tuff cut by occasional FeOx veins						.1	
100-105	where noted							
							<5	
		Tqlt						
R-10382							.2	
105-110	A/A							
							<5	
		Tqlt						
R-10383							.2	
110-115	A/A							
							<5	
		Tqlt						
R-10384							.1	
115-120	A/A							
							<5	
		Tqlt						
R-10385							<.1	

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by | date | Bearing | Hole No. 10

Coordinates | sample #'s (series) | Inclination | Collar Elv.

Date started | completed | Type | Total Depth

Interval (smpl #)	Description (QTZ latite tuff)	Graphic log	geol alt'n	% sul	% ox				remarks
120-125	CON'T (unaltd tuff)	Tgl t						<5	
R-10386								<.1	
125-130	126-127 Jasper vein w 10% dissem py in vein	Tgl t		TR				10	
R-10387	129-130 ft FeOx's in vein				3%			<.1	
130-135	132-134 ft up to 10% FeOx's w 2% Jasper. TR py in both tuff + jasper	Tgl t		TR	10%			<5	
R-10388								<.1	
135-140	135-141 ft tuff becomes pnte-lt grn + bleached. Py + FeOx's lacking	Tgl t			TR			<5	
R-10389								.1	
140-145	141-143 ft A/A w vfg tr dissem py w ≥1% lt gry vein(?) qtz	Tgl t		TR				27	
R-10390								.5	
145-150	144-156 ft alt'n falls off w drk grn tuff w TR py TR FeOx's w no silica	Tgl t		TR	TR			5	
R-10391								<.1	
150-155		Tgl t		TR	TR			<5	Hit water
R-10392								<.1	
155-160	156-178 ft lt grn bleached tuff w TR FeOxs + vfg occasional py	Tgl t		TR	TR			5	
R-10393								.1	

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by | date | Bearing | Hole No. 10

Coordinates | sample #'s (series) | Inclination | Collar Elv.

Date started | completed | Type | Total Depth

Interval (smpl #)	Description	Graphic log geol	alt'n	% sul	% ox				remarks
	QTZ LATITIC TUFF								
160-165	CON'T:							<5	switched over to wet
	160-165 A/A W wk silic'n	Tqlt							
R-10394								.1	
165-170	A/A							<5	
		Tqlt							
R-10395								<.1	
170-175	171-172 ft small silica vein							23	
	W vfg dissem py	Tqlt		TR					
R-10396								.2	
175-180								6	
	178-182 ft tuff dark grn - unaltered.	Tqlt		TR					
R-10397								.2	
180-185								20	
	182-215 ft wkly bleached tuff								
	181-183 Tr Drk gry silica	Tqlt		TR					
	vn (~3% of interval)								
R-10398								<.1	
185-190	[illegible]							<5	
	[illegible] clays	Tqlt		TR					
R-10399								.1	
190-195	190-200 ft wk-mod carb alth							<5	
	W wht - buff clays	Tqlt		TR					
R-10400								<.1	
195-200								<5	
		Tqlt		TR					
R-10401								.5	

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by | date | Bearing | Hole No. 10

Coordinates | sample #'s (series) | Inclination | Collar Elv.

Date started | completed | Type | Total Depth

Interval (smpl #)	Description QTZ LATITE Tuff	Graphic log geol	alt'n	% sul	% ox		% Jasper		remarks
200-205	CONT (wkly - mod Bleached tuff w carb alt'n & dissem'd py) 203-204 small jasper veinlet 200-206 ft wkly silic'd	Tqlt		TR	TR		3%	8	
R-10402								.7	
205-210	207-208 Jasper chips w msv py	Tqlt		TR	TR			77	
R-10403	209-210 ft 1% dissem'd vfg py			1%				1.9	
210-215	211-212 1% py 1% jasper w wk silicn	Tqlt		TR 1% TR			1%	25	
R-10404								.9	
215-220	215-285 tuff becomes progressively less alt'd to drk gm unalt'd tuff	Tqlt						49	
R-10405								1.4	
220-225	220-223 ft silic'd zone w TR silica + py	Tqlt						44	
R-10406								2.0	
225-230	COMMENT: Interval 225-230' carries ≈ 3% py bearing jasper py for interval including that wh is dissem'd in tuff to 1%	Tqlt		1%				48	
R-10407								2.0	
230-235	COMMENT: Interval has more jasper (up to 10%), Silicn + py w jasper carrying up to 20% py. Tuff wkly silic'd w dissem py, Tr vein qtz	Tqlt		1%			10% 5% 1% TR	18	
R-10408								1.3	
235-240	COMMENT: Wkly silic'd w Tr py + Tr Jasper	Tqlt		TR			TR	26	
R-10409								.9	

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by | date | Bearing | Hole No. 10

Coordinates | sample #'s (series) | Inclination | Collar Elv.

Date started | completed | Type | Total Depth

Interval (smpl #)	Description QTZ LATITE TUFF	Graphic log geol alt'n	% sul	% ox		% Jasper		remarks
240-245 R-10410	CONT 240-245 wk silic'n w/ interval w/ Tr Jasper	Tqlt	TR			TR	23 1.1	
245-250 R-10411	Comment: Tuff subtley more silic'd w/ an increase to ≈ 2% of Jasper	Tqlt	TR			2%	11 .9	
250-255 R-10412	A/A w/ TR Jasper w/ wk clay alth	Tqlt	TR			TR	8 .7	
255-260 R-10413	A/A	Tqlt	TR			TR	7 .8	
260-265 R-10414	260-266' lacks Jasper w/ wk silic'n corresponding darker color	Tqlt				TR	<5 .5	
265-270 R-10415	266-275' Tr Jasper wk Bleaching & Tr Clay alth w/ wk carb alth	Tqlt	TR			TR	<5 .3	
270-275 R-10416	A/A	Tqlt	TR				<5 .5	
275-280 R-10417	275-285 tuff more bleached w/ wht clays & Tr ox's. lacks carbonate alth	Tqlt	TR	TR			9 .4	

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by | date | Bearing | Hole No. 10

Coordinates | sample #'s (series) | Inclination | Collar Elv.

Date started | completed | Type | Total Depth

Interval (smpl #)	Description QTZ LATITE TUFF	Graphic log geol	alt'n	% sul	% ox				remarks
280-285 R-10418	Cont (bleached tuff w̄ wht clays)	Tqlt						78 1.3	
285-290 R-10419	285-305 strong bleach w̄ very strong clay alt'n to 301 ft strong silic'n of tuff interval 285-290 w̄ progressively waning. Sulfides + Ox's lacking	Tqlt						70 1.4	
290-295 R-10420	Through interval STRUCTURE	Tqlt						25 1.4	
295-300 R-10421	good carbonate alt'n	Tqlt			TR			33 1.2	
300-305 R-10422	COMMENT: Carbonate, clay, + Silica alt'n waning w̄ py increasing.	Tqlt		TR	TR			27 1.0	
305-310 R-10423	A/A	Tqlt		TR	TR			43 1.2	
310-315 R-10424	310-350 ft drk grn tuff w̄ local zones of bleaching + silic w̄ TR Sulfides + Ox's where noted	Tqlt		TR	TR			32 .9	
315-320 R-10425		Tqlt		TR			TR	20 1.5	

BATTLE MOUNTAIN EXPLORATION COMPANY

Drill Hole Log

Project

logged by | date | Bearing | Hole No. 10

Coordinates | sample #'s (series) | Inclination | Collar Elv.

Date started | completed | Type | Total Depth

Interval (smpl #)	Description QTZ LATITE TUFF	Graphic log geol alt'n	% sul	% ox				remarks
320-325 R-10426	COMMENT: 322-323 vein of ≈ 3% Jasper + 7% Silic'n w̄ 20% py in Jasper ± 1% in Silic'n Clotted in tuff	Tqlt	1%	TR	TR	103 3.9		
325-330 R-10427	325-326 qtz vein w̄ TR Jasper + Silica 326-350 (EOH) "Fresh" tuff w̄ wk clay more likely propt alth w̄ TR py	Tqlt	TR	TR		126 .9		
330-335 R-10428	A/A	Tqlt	TR	TR		<5 .7		
335-340 R-10429	A/A	Tqlt	TR	TR		15 .6		
340-345 R-10430	A/A	Tqlt	TR	TR		11 .1		
345-350 R-10431	A/A	Tqlt	TR	TR		5 .9		EOH

R 05849

BATTLE MT. GOLD COMPANY

STATE _____ COUNTY _____
QUAD _____ LOCATION _____
Pyramid Lake Project

T _____ R _____ SECTION _____
SAMPLE TYPE: RX CHIP, SOIL, DUMP, CORE, ROTARY, PAN CON, STR. SED

COMMENTS: Hg of Hm ~~hm~~ goe fracture fillings in grey grn wkly clay altered and'c (?) tuff breccia. Sample collected in base of small wash where unit is exposed + veins stick out due to differential wx'g. Note zoning or wall rk ~~as~~ alt'n ie grn mineral forming along walls w/ sericite? alt'n

Au	Ag	As	Sb	Hg	Cu	Mo	Pb	Zn		

SAMPLER TR DATE 11/19/88

319

ITEM 74-K

R 05850

BATTLE MT. GOLD COMPANY

STATE _____ COUNTY _____
QUAD _____ LOCATION _____
Pyramid Lake Project

T _____ R _____ SECTION _____
SAMPLE TYPE: RX CHIP, SOIL, DUMP, CORE, ROTARY, PAN CON, STR. SED

COMMENTS: Hg of HV Fe Ox'ds + mn Ox's replacing tuff breccia. Conc'd in 100% replaced areas were see bxwk 1-2% BaSO4, goe, lim + hm w/ lim subordinate locally jarosite as well. Crop in pit is of bleached creamy wht colored unit. Flagged sample. oral

Au	Ag	As	Sb	Hg	Cu	Mo	Pb	Zn		

SAMPLER TR DATE 11/19/88

R 05851

BATTLE MT. GOLD COMPANY

STATE _____ COUNTY _____
QUAD _____ LOCATION _____

T _____ R _____ SECTION _____
SAMPLE TYPE: RX CHIP, SOIL, DUMP, CORE, ROTARY, PAN CON, STR. SED

COMMENTS: ± Hg of Fe Ox'ds + ferruginous jasper veins in bleached + clay alt'd volc unit. ~~B~~ Most of the sample is from dump but some of it is from the vein exposed in the prospect pit. Ox's include hm, goe, lim, Jar. Replacement in veins 100% w/ open space + wk brwk ± $BaSO_4$. Leasagang in volc rk but not in sample. Note Alt'd (?) mica, bleaching + ± clay alt'n

Au	Ag	As	Sb	Hg	Cu	Mo	Pb	Zn		

SAMPLER TR DATE 11/20/88

R 05852

BATTLE MT. GOLD COMPANY

STATE _____ COUNTY _____
QUAD _____ LOCATION _____
Pyramid Lake Project
≈ 10' N of Soil Sample 800 SE-00

T _____ R _____ SECTION _____
SAMPLE TYPE: RX CHIP, SOIL, DUMP, CORE, ROTARY, PAN CON, STR. SED

COMMENTS: ± Hg of dissem FeOx's (lim) in bleached - clay-mica alt'd volc rk w/ qtz phenos. FeOx's ↑ 5% of rk - more were LEASAGANG is developed but sample was directed at FeOx's that resemble ox patchy perhaps after py. Sample location is where Brock ~~had~~ commented about the type of alt'n at round [illegible]

Au	Ag	As	Sb	Hg	Cu	Mo	Pb	Zn		

SAMPLER TR DATE 11/20/88

R 05853

BATTLE MT. GOLD COMPANY

STATE _____ COUNTY _____
QUAD _____ LOCATION _____

T _____ R _____ SECTION _____
SAMPLE TYPE: RX CHIP, SOIL, DUMP, CORE, ROTARY, PAN CON, STR. SED

COMMENTS: ± HG of Grn clay alt'd volc unit exposed in NE WALL of prospect pit. Sample is of dissem FeOx's after py (qze + lim) near ctc w/ gry tuff unit (H.S. 8 is of this ctc, HS 9 is gry unit) also see phenos + the grn mica + clay alt'n. Perhaps clay repl't of vole "ground mass" is actually repl't of Breccia frags

Au	Ag	As	Sb	Hg	Cu	Mo	Pb	Zn		

SAMPLER TR DATE 11/20

R 05854

BATTLE MT. GOLD COMPANY

STATE _____ COUNTY _____
QUAD _____ LOCATION _____
same prospect as '53

T _____ R _____ SECTION _____
SAMPLE TYPE: RX CHIP, SOIL, DUMP, CORE, ROTARY, PAN CON, STR. SED

COMMENTS: <HG of Fe + CoOx'd stained silic's (?) Replacement - VEINS. that would cut Volc rk. Small chips on dump contained mal + Azurite

Au	Ag	As	Sb	Hg	Cu	Mo	Pb	Zn		

SAMPLER TR DATE 11/20/88

R 05855

BATTLE MT. GOLD COMPANY

STATE _____ COUNTY _____
QUAD _____ LOCATION _____

T _____ R _____ SECTION _____
SAMPLE TYPE: RX CHIP, SOIL, DUMP, CORE, ROTARY, PAN CON, STR. SED

COMMENTS: HG of qtz VEIN matterial taken from dump + consists of 75% py, ± gal, 3-5% Barite locally 15% FeOx's, ~~the Sample is of m~~ keyed off of grn yell wx'g colored rk

Au	Ag	As	Sb	Hg	Cu	Mo	Pb	Zn		

SAMPLER _____ DATE _____

R 05856

BATTLE MT. GOLD COMPANY

STATE _____ COUNTY _____
QUAD _____ LOCATION _____
pyramid lake

T _____ R _____ SECTION _____
SAMPLE TYPE: RX CHIP, SOIL, DUMP, CORE, ROTARY, PAN CON, STR. SED

COMMENTS: GEN rk chip x S face of small prospect Pit, Sample length ≈ 7' of bleached + clay alt'd Volc rk w/ <1-5% FeOx's as cubes + prisms - perhaps after py or amph paces ↑ 3-5 mm in size. No VEIN matter in Sample
MnOx's also present as weag coating

Au	Ag	As	Sb	Hg	Cu	Mo	Pb	Zn		

SAMPLER TR DATE 11/20/88

R 05857

BATTLE MT. GOLD COMPANY

STATE _____ COUNTY _____
QUAD _____ LOCATION _____

T _____ R _____ SECTION _____
SAMPLE TYPE: RX CHIP, SOIL, DUMP, CORE, ROTARY, PAN CON, STR. SED

COMMENTS: HG of Gi Clear Silica + jasp + barite w/ ↑ 5% py in holy Fe Stained gossan where material taken from obvious small HG dump. M.S. reflects x cutting relationships
wk bxwk locally as well as brecc'n

Au	Ag	As	Sb	Hg	Cu	Mo	Pb	Zn		

SAMPLER TL DATE 11/20/88

R 05858

BATTLE MT. GOLD COMPANY

STATE _____ COUNTY _____
QUAD _____ LOCATION _____

T _____ R _____ SECTION _____
SAMPLE TYPE: RX CHIP, SOIL, DUMP, CORE, ROTARY, PAN CON, STR. SED

COMMENTS: Z HG of holy Fe Stained vol'c rk, lim jer type dominate ox's. Basically took Fe Stained rks & put in bag. See some stkwk veining as well as brecc'n - or brecca appearence due to protolith of possible tuff brecc'a
Dominant rk type in dump is grn clay-mica alt'd w/ felds → clay w/ < 1% FeOx's (lim) (H.S. 11)

Au	Ag	As	Sb	Hg	Cu	Mo	Pb	Zn		

SAMPLER TL DATE 11/20/88

R 05859

BATTLE MT. GOLD COMPANY

STATE _____ COUNTY _____
QUAD _____ LOCATION _____

T _____ R _____ SECTION _____
SAMPLE TYPE: RX CHIP, SOIL, DUMP, CORE, ROTARY, PAN CON, STR. SED

COMMENTS: Attempt at a gen rk chip across Southerly face in small prospect pit wk has a sample length of ≈ 10'. FeOx's as patches + as veinlets + irreg stringers cut bleached & clay alt'd tuff's rk (w/ breccia frags) rk is cream to H grn colored w/ yell - blk ox's (jer to mn ox's)

Au	Ag	As	Sb	Hg	Cu	Mo	Pb	Zn		

SAMPLER TL DATE 11/20/88

R 05860

BATTLE MT. GOLD COMPANY

STATE _____ COUNTY _____
QUAD _____ LOCATION _____

T _____ R _____ SECTION _____
SAMPLE TYPE: RX CHIP, SOIL, DUMP, CORE, ROTARY, PAN CON, STR. SED

COMMENTS: Z HG of Fe Staining & Mn ox's & FeOx's as veins + stringers in bleached vol'c rk, local brecc'n (?)

Au	Ag	As	Sb	Hg	Cu	Mo	Pb	Zn		

SAMPLER _____ DATE _____

R 05861

BATTLE MT. GOLD COMPANY

STATE _____ COUNTY _____
QUAD _____ LOCATION _____

T _____ R _____ SECTION _____
SAMPLE TYPE: RX CHIP, SOIL, DUMP, CORE, ROTARY, PAN CON, STR. SED

COMMENTS: ±4h of vfg wht silica w/ yell ox'd stain adularia (?) + Barite unusual alt'n type (??) Small High grade area on dump to 20-30' deep shaft. Steered away from FeOx's in attempt to see if this carries Au as well. Silica appears to be repl'g volc rk as one can see relict frags

Au	Ag	As	Sb	Hg	Cu	Mo	Pb	Zn		

SAMPLER TC DATE 11/20

R 05862

BATTLE MT. GOLD COMPANY

STATE _____ COUNTY _____
QUAD _____ LOCATION _____

T _____ R _____ SECTION _____
SAMPLE TYPE: RX CHIP, SOIL, DUMP, CORE, ROTARY, PAN CON, STR. SED

COMMENTS: ~~white~~ decline trend, 120° line in on Fe stained structure (?) that 208/47-S. Fe staining assoc w/ ~2' thick zone. Slicks on hanging wall suggest dextral movement p 3° in 354 No difficult to determine also slightly curved. Sample is of gen chip x the zone, ≈4' as x'd structure obliquely. Limpe clay alt'n w/ mnox also.

Au	Ag	As	Sb	Hg	Cu	Mo	Pb	Zn		

SAMPLER TC DATE 11/20/88

R 05863

BATTLE MT. GOLD COMPANY

STATE _____ COUNTY _____
QUAD _____ LOCATION _____

T _____ R _____ SECTION _____
SAMPLE TYPE: RX CHIP, SOIL, DUMP, CORE, ROTARY, PAN CON, STR. SED

COMMENTS: gen rk chip of otcp + subcrop of hdg Fe stained "silic'd rib" material locally brecc'd. Proto lith likely And ~~Rhy~~ (??) tuff unit. 70-80% FeOx's locally w/ hem + lim dominant Ox's locally 2-3% py - gray qtz w/ qtz bor? on tarnish see H.S.

Au	Ag	As	Sb	Hg	Cu	Mo	Pb	Zn		

SAMPLER TC DATE 11/21/88

R 05864

BATTLE MT. GOLD COMPANY

STATE _____ COUNTY _____
QUAD _____ LOCATION _____

T _____ R _____ SECTION _____
SAMPLE TYPE: RX CHIP, SOIL, DUMP, CORE, ROTARY, PAN CON, STR. SED

COMMENTS: gen chip x ≈ 10' thickness of lim stained clay alt'd and'c? tuff. rk very similar to round mtn in appearance (see H.S.) perhaps silic'd as well. Fe ox'd stringers cut rk

Au	Ag	As	Sb	Hg	Cu	Mo	Pb	Zn		

SAMPLER _____ DATE _____

R 05865

BATTLE MT. GOLD COMPANY

STATE _____ COUNTY _____
QUAD _____ LOCATION _____

T _____ R _____ SECTION _____
SAMPLE TYPE: RX CHIP, SOIL, DUMP, CORE, ROTARY, PAN CON, STR. SED

COMMENTS: ± HG of lt grey silicous vein cutting Bleached arg' alt'd rk @ 235/vert & 346/68NE. 1 vein ≈ 4" thick another 6". Straight walled w/ local hm developed ↑ 1cm thick. Note qtz plates in vein ∴ that Rhy cutting And

Au	Ag	As	Sb	Hg	Cu	Mo	Pb	Zn		

SAMPLER _____ DATE _____

R 05866

BATTLE MT. GOLD COMPANY

STATE _____ COUNTY _____
QUAD _____ LOCATION N side of property

T _____ R _____ SECTION _____
SAMPLE TYPE: RX CHIP, SOIL, DUMP, CORE, ROTARY, PAN CON, STR. SED

COMMENTS: ±HG of Fe stained & FeOx veins & stringers cutting lt grey wkly silic'd (?) tuff unit. atop Fe stained & forms rib. walked along pitted Fe & stained float in bag ≈ 100' up hill (NW) from sample location flag. Didn't spend much time H.G.'g

Au	Ag	As	Sb	Hg	Cu	Mo	Pb	Zn		

SAMPLER TC DATE 11/21/88

R 05867

BATTLE MT. GOLD COMPANY

STATE _____ COUNTY _____
QUAD _____ LOCATION _____

T _____ R _____ SECTION _____
SAMPLE TYPE: RX CHIP, SOIL, DUMP, CORE, ROTARY, PAN CON, STR. SED

COMMENTS: Sample is of Bleached wht vole rk cut by honey yellow grn Ox'd veins &/or jt coatings. Also dissem FeOx's in rk.

Au	Ag	As	Sb	Hg	Cu	Mo	Pb	Zn		

SAMPLER TC DATE 11/21/88

R 05868

BATTLE MT. GOLD COMPANY

STATE _____ COUNTY _____
QUAD _____ LOCATION _____

T _____ R _____ SECTION _____
SAMPLE TYPE: RX CHIP, SOIL, DUMP, CORE, ROTARY, PAN CON, STR. SED

COMMENTS: HG of hvy FeOx's that cut strongly Bleached Rhy (w/qtz plates) small dump btwn rd & pit appears to be the high grade & that's what was sampled

Au	Ag	As	Sb	Hg	Cu	Mo	Pb	Zn		

SAMPLER TC DATE 11/21/88

R 05869

BATTLE MT. GOLD COMPANY

STATE _____ COUNTY _____
QUAD _____ LOCATION _____

T _____ R _____ SECTION _____
SAMPLE TYPE: RX CHIP, SOIL, DUMP, CORE, ROTARY, PAN CON, STR. SED _____

COMMENTS: ± H6 of FeOxs "replacing" Bleached volc rk. silic's "clasts" – brecc'd frags locally ↑ 70% of rk. RXs bleached wht + gone to clay?

Au Ag As Sb Hg Cu Mo Pb Zn ___ ___

SAMPLER TL DATE 11/21/88

R 05870

BATTLE MT. GOLD COMPANY

STATE _____ COUNTY _____
QUAD _____ LOCATION _____

T _____ R _____ SECTION _____
SAMPLE TYPE: RX CHIP, SOIL, DUMP, CORE, ROTARY, PAN CON, STR. SED _____

COMMENTS: Same as '69 grabbed wht-H green clays in dump w/ lim-hm Fe only locally. Took at hammer & dug 7 or 8 pit & grabbed sample

Au Ag As Sb Hg Cu Mo Pb Zn ___ ___

SAMPLER TL DATE 11/21/88

R 05871

BATTLE MT. GOLD COMPANY

STATE _____ COUNTY _____
QUAD _____ LOCATION _____

T _____ R _____ SECTION _____
SAMPLE TYPE: RX CHIP, SOIL, DUMP, CORE, ROTARY, PAN CON, STR. SED _____

COMMENTS: ± H6 of yell-grn stained siliceous $S^{=}$ rich material on dump. See H.S. gen grab of this material. Did bread most of it open just put in Bag.

Au Ag As Sb Hg Cu Mo Pb Zn ___ ___

SAMPLER TL DATE 11/21/88

R 05872

BATTLE MT. GOLD COMPANY

STATE _____ COUNTY _____
QUAD _____ LOCATION _____

T _____ R _____ SECTION _____
SAMPLE TYPE: RX CHIP, SOIL, DUMP, CORE, ROTARY, PAN CON, STR. SED _____

COMMENTS: H4 of Holy Fe stained overprinted brecc'd (?) volc unit in dump. Small dump near clay but w/ heaviest Fe staining

Au Ag As Sb Hg Cu Mo Pb Zn ___ ___

SAMPLER TL DATE 11/21/88

R 05873

BATTLE MT. GOLD COMPANY

STATE _____ COUNTY _____
QUAD _____ LOCATION _____

T _____ R _____ SECTION _____
SAMPLE TYPE: RX CHIP, SOIL, DUMP, CORE, ROTARY, PAN CON, STR. SED

COMMENTS: ± HG of Yell-grn Ox'd coated grey Silic's replacement probably Rhy tuff host. Also locally goe. lim VEINS. "Vuggy" grabed off of dump

Au	Ag	As	Sb	Hg	Cu	Mo	Pb	Zn		

SAMPLER TL DATE 11/21/88

R 05874

BATTLE MT. GOLD COMPANY

STATE _____ COUNTY _____
QUAD _____ LOCATION _____

T _____ R _____ SECTION _____
SAMPLE TYPE: RX CHIP, SOIL, DUMP, CORE, ROTARY, PAN CON, STR. SED

COMMENTS: ± HG of lim goe VEINS-Stringers — repl'ts in Rhy tuff. locally Broc'd (?) w/↑10% qtz "clast". Saw CuOx's in float on Hillside to sample site but not in bag

Au	Ag	As	Sb	Hg	Cu	Mo	Pb	Zn		

SAMPLER TL DATE 11/21/88

R 05875

BATTLE MT. GOLD COMPANY

STATE _____ COUNTY _____
QUAD _____ LOCATION _____

T _____ R _____ SECTION _____
SAMPLE TYPE: RX CHIP, SOIL, DUMP, CORE, ROTARY, PAN CON, STR. SED

COMMENTS: HG of Small FeOx chips in Dump; hm, ~~+~~ lim + goe sample feels dense perhaps fair mt of Barite as well

Au	Ag	As	Sb	Hg	Cu	Mo	Pb	Zn		

SAMPLER TL DATE 11/21

R 05876

BATTLE MT. GOLD COMPANY

STATE _____ COUNTY _____
QUAD _____ LOCATION _____

T _____ R _____ SECTION _____
SAMPLE TYPE: RX CHIP, SOIL, DUMP, CORE, ROTARY, PAN CON, STR. SED

COMMENTS: ~~otop trends 310°~~ + HG. of FeOx's + Hm VEINS-Broc'd cutting bleached Rhy(?) (haven't looked at Lost). VEINS take Steel + have Ox'd plans. Maybe seeing Rhy porph cutting ash-tuff Unit

Au	Ag	As	Sb	Hg	Cu	Mo	Pb	Zn		

SAMPLER TL DATE 11/21

R 05877

BATTLE MT. GOLD COMPANY

STATE _____ COUNTY _____
QUAD _____ LOCATION _____

T _____ R _____ SECTION _____
SAMPLE TYPE: RX CHIP, SOIL, DUMP, CORE, ROTARY, PAN CON, STR. SED

COMMENTS: ± HG - gen grab of yell oxid stained lt-drk grey silicd volc rk presumable w/py. grabed material off of dump + put in bag
locally highly Fe stained

Au	Ag	As	Sb	Hg	Cu	Mo	Pb	Zn		

SAMPLER TL DATE 11/21

R 05878

BATTLE MT. GOLD COMPANY

STATE _____ COUNTY _____
QUAD _____ LOCATION _____

T _____ R _____ SECTION _____
SAMPLE TYPE: RX CHIP, SOIL, DUMP, CORE, ROTARY, PAN CON, STR. SED

COMMENTS: HG of highly Fe stained & replaced bleached volc unit. FeOx as veins & stringers + repl'ts

Au	Ag	As	Sb	Hg	Cu	Mo	Pb	Zn		

SAMPLER TL DATE 11/21

R 05879

BATTLE MT. GOLD COMPANY

STATE _____ COUNTY _____
QUAD _____ LOCATION _____

T _____ R _____ SECTION _____
SAMPLE TYPE: RX CHIP, SOIL, DUMP, CORE, ROTARY, PAN CON, STR. SED

COMMENTS: ± HG of highly Fe stained material - Bleached wht volc rk stkwks, veins + repl'ts

Au	Ag	As	Sb	Hg	Cu	Mo	Pb	Zn		

SAMPLER TL DATE 11/21

319
ITEM 74-L

ar-Clegg, Inc.
Spice Island Dr.
uilding 1, Unit A
Sparks, Nevada 89431
702 (359-9330)

BONDAR-CLEGG

RECEIVED
DEC 1 1988

Geochemical Lab Report

REPORT: R88-09685.0

PROJECT: 71-18-106 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	As PPM	Hg PPB	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	As PPM	Hg PPB
S1 R-05750		5	11	50	S1 R-05790		35	82	120
S1 R-05751		10	16	70	S1 R-05791		<5	40	50
S1 R-05752		<5	4	50	S1 R-05792		15	36	80
S1 R-05753		15	4	45	S1 R-05793		10	26	50
S1 R-05754		230	42	430	S1 R-05794		10	27	50
S1 R-05755		10	14	90	S1 R-05795		<5	28	55
S1 R-05756		10	14	65	S1 R-05796		<5	16	40
S1 R-05757		<5	16	50	S1 R-05797		<5	16	40
S1 R-05758		35	15	45	S1 R-05798		5	12	30
S1 R-05759		20	16	55	S1 R-05799		30	54	55
S1 R-05760		5	16	60	S1 R-05800		25	68	100
S1 R-05761		10	16	60	S1 R-05801		10	48	50
S1 R-05762		<5	18	50	S1 R-05802		10	34	90
S1 R-05763		<5	9	40	S1 R-05803		20	54	80
S1 R-05764		20	6	70	S1 R-05804		5	25	50
S1 R-05765		<5	8	20	S1 R-05805		25	26	40
S1 R-05766		<5	9	30	S1 R-05806		5	27	30
S1 R-05767		20	14	55	S1 R-05807		10	44	70
S1 R-05768		15	16	50	S1 R-05808		30	53	150
S1 R-05769		5	14	40	S1 R-05809		<5	9	30
S1 R-05770		<5	12	20	S1 R-05810		<5	11	45
S1 R-05771		10	33	45	S1 R-05811		30	96	90
S1 R-05772		10	22	80	S1 R-05812		40	105	110
S1 R-05773		<5	13	20	S1 R-05813		25	78	80
S1 R-05774		5	16	25	S1 R-05814		75	110	150
S1 R-05775		15	80	75	S1 R-05815		50	55	130
S1 R-05776		75	72	140	S1 R-05816		5	12	60
S1 R-05777		40	40	85	S1 R-05817		20	80	110
S1 R-05778		15	37	40	S1 R-05818		2110	340	1100
S1 R-05779		<5	14	40	S1 R-05819		25	13	50
S1 R-05780		<5	7	20	S1 R-05820		15	9	30
S1 R-05781		10	9	30	S1 R-05821		<5	12	30
S1 R-05782		325	98	530	S1 R-05822		<5	20	30
S1 R-05783		15	11	40	S1 R-05823		<5	21	40
S1 R-05784		5	18	60	S1 R-05824		5	20	30
S1 R-05785		80	59	70	S1 R-05825		20	49	65
S1 R-05786		25	29	55	S1 R-05826		55	66	120
S1 R-05787		20	13	20	S1 R-05827		125	64	175
S1 R-05788		170	76	155	S1 R-05828		10	29	65
S1 R-05789		<5	10	40	S1 R-05829		<5	16	55

dar-Clegg, Inc.
.5 Spice Island Dr.
Building 1, Unit A
Sparks, Nevada 89431
702 (359-9330)

BONDAR-CLEGG

RECEIVED
DEC 1 1988

Geochemical Lab Report

REPORT: R88-09685.0

PROJECT: 71-18-106

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	As PPM	Hg PPB	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	As PPM	Hg PPB
S1 R-05830		10	15	35					
S1 R-05831		15	13	75					
S1 R-05832		50	32	330					
S1 R-05833		115	84	105					
S1 R-05834		55	32	60					
S1 R-05835		30	29	55					
S1 R-05836		20	36	50					
S1 R-05837		155	11	45					
S1 R-05838		<5	9	30					
S1 R-05839		<5	13	35					
S1 R-05840		<5	18	230					
S1 R-05841		20	37	190					
S1 R-05842		35	28	80					
S1 R-05843		25	42	80					
S1 R-05844		10	52	70					
S1 R-05845		30	79	100					
S1 R-05846		<5	13	50					
S1 R-05847		<5	12	60					
S1 R-05848		<5	27	55					

(319)
ITEM 74-M

Sample ID	Au ppm	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Hg ppm	Sb ppm	Ba ppm	As ppm
R-570	0.18	4.30				0.600	5		
R-571	3.25	156.40				5.250	41		
R-572	0.064	1.60				0.800	0		
R-573	5.742	1.70				2.100	7		
R-574	0.9	23.30				5.850	64		
R-575	3.71	949.62				50.000	2000		
R-576	1.897	41.50				9.000	1113		
R-577	1.417	17.80				12.000	249		
R-578	0.098	5.10				0.850	31		
R-579	0	0.70	23	15	96	0.150	10	760	27
R-580	0.29	39.20	508	770	759	2.150	15	400	165
R-581	0.495	33.10	622	613	382	3.400	34	1700	379
R-582	0.065	3.10	40	111	184	0.850	7	760	378
R-583	1.02	40.90	119	1251	545	3.650	47	9800	938
R-584	3.38	34.10	93	10000	540	8.000	24	4400	323
R-585	0.55	13.50	57	1781	22	3.300	10	690	170
R-586	0.54	9.00	21	2474	1388	3.600	6	230	131
R-587	0.02	1.00	15	54	99	0.300	0	1200	220
R-588	0.24	21.50	174	394	122	20.000	147	770	791
R-589	0.03	1.20	50	86	183	0.400	0	930	29
R-590	1.84		6945	78	46	12.000	1465	4000	2001
R-5849	0.125	1.60	36	41	170	0.100	3	2200	235
R-5850	3.38	173.40	2760	4270	800	5.000	225	5400	1000.5
R-5851	0.98	24.00	42	960	250	2.100	25	490	1000.5
R-5852	0.065	1.10	20	28	60	0.395	26	1200	304
R-5853	0.05	4.80	328	229	565	0.100	40	1200	74
R-5854	2.55	2220.20	35200	90000	2110	5.000	940	920	1000.5
R-5855	1.81	175.78	810	8270	2810	5.000	340	18000	270
R-5856	0.14	2.80	248	86	100	0.240	16	1100	110
R-5857	4.11	350.20	2750	730	600	5.000	415	2600	730
R-5858	0.68	146.20	1330	5790	970	2.800	175	160	196
R-5859	0.37	17.00	89	1040	145	2.100	48	590	181
R-5860	0.47	20.00	66	1465	320	1.550	25	4200	420
R-5861	1.54	108.80	53	2290	50	5.000	84	18600	176
R-5862	0.35	129.20	1060	8170	1320	5.000	575	4100	490
R-5863	1.31	108.80	222	2350	305	2.900	110	310	320
R-5864	0.105	22.00	73	550	380	0.540	23	1600	120
R-5865	0.02	9.50	39	262	65	0.500	23	880	14
R-5866	0.37	255.00	113	353	140	1.500	105	2300	230
R-5867	0.165	6.50	22	615	12	1.100	51	30	200
R-5868	1.35	187.00	3730	1440	1980	5.000	120	3000	650
R-5869	0.69	21.00	216	311	29	1.100	28	3100	530
R-5870	0.135	4.70	95	955	35	0.650	35	2300	200
R-5871	7.27	166.60	545	30900	38600	5.000	61	9400	1000.5
R-5872	3.17	234.60	525	1425	310	5.000	210	360	200
R-5873	0.54	95.20	3020	965	2700	5.000	670	1900	400
R-5874	2.26	136.00	1780	3160	260	5.000	1700	7100	1000.5
R-5875	2.54	68.00	49	72	85	0.700	17	3500	1000.5

R-5876	0.055	0.50	13	32	8	0.205	24	700	16
R-5877	0.5	115.60	163	6120	11700	2.600	55	1400	130
R-5878	0.67	166.60	203	1720	950	1.800	47	1900	373
R-5879	0.235	115.60	60	380	274	1.000	115	1000	216
R-5880	0.64	37.00	178	918	126	5.000	140	190	120
R-5881	1.24	138.72	432	825	221	5.000	755	40	1000
R-5882	0.67	98.26	508	707	170	50.000	400	240	1000
R-5883	0.045	1.90	11	274	341	0.430	29	90	63
R-5884	0.44	92.14	0	1645	2310	5.000	56	220	87
R-5885	1.01	33.00	54	1702	125	3.700	61	370	337
R-5886	1.96	79.56	193	5660	624	5.000	91	3300	212
R-5887	1.25	164.9	394	2440	740	5.000	440	5300	650
R-5888	0.07	2.00	35	154	7520	0.225	3	1400	130
R-5889	2.71	76.16	535	7400	4540	50.000	110	860	643
R-5890	0.19	0.60	18	128	103	0.105	3	550	29
R-5891	1.65	74.46	883	1584	655	5.000	93	6600	120
R-5892	1.34	82.28	1050	3580	4920	5.000	63	2300	235
R-5893	1.15	97.92	195	2500	256	5.000	335	2800	598
R-5894	0.28	20.00	365	1114	561	5.000	180	2500	294
R-5895	1.43	58.48	519	345	39	5.000	350	930	1000
R-5896	0.04	5.50	425	61	20	1.050	37	280	350
R-5897	0.16	49.00	169	163	72	5.000	645	16000	1000
R-5898	0.1	2.50	372	158	15	0.280	72	300	230
R-5899	0.08	8.60	100	150	16	0.230	86	430	69
R-5900	0.05	6.50	29	191	3	0.175	24	1100	50
R-5901	0.015	0.40	26	25	25		17		
R-5902	0	0.40	15	33	29		1.5		
R-5903	0.02	0.20	31	23	7		18		
R-5904	0.005	0.20	26	12	15		10		
R-5905	0.01	0.70	88	158	160		1.5		
R-5906	0.03	0.50	41	67	184		7		
R-5907	0.045	0.90	155	73	172		1.5		
R-5908	0.51	65.96	2470	1386	218	5.001	475	620	1001
R-5909	0.12	12.00	117	320	9	4.000	120	380	117
R-5910	0.23	54.40	318	198	451	3.300	71	950	173
R-5911	0.39	26.00	323	640	440	5.001	100	930	458
R-5912	0.29	35.00	339	285	707	5.001	160	1700	571
R-5913	0.26	22.00	316	609	69	5.001	145	420	396
R-5914	0.41	49.98	195	420	129	5.001	620	1070	602
R-5915	0.4	153.00	36	232	22	5.001	450	8400	240
R-5916	1.41	290.52	27	273	12	5.001	705	510	160
R-5917	6.67	56.78	320	5670	11	5.001	130	3900	571
R-5918	0.76	29.00	169	1218	34	5.000	125	1900	125
R-5919	0.3	47.00	286	1388	31	5.001	915	1050	1001
R-5920	0.39	47.00	730	921	89	5.001	545	310	1001
R-5921	0.24	59.84	405	6790	12600	5.001	155	1950	330
R-5922	0.075	25.00	141	489	95	5.001	370	370	625
R-5923	0.14	20.00	3090	1500	100	5.000	130	920	1001
R-5924	0.01	0.40	13	240	4	0.180	11	440	104

Pyramid Lake Trace

R-5925	0.37	3.60	820	100	25	0.040	61	450	920
R-5926	0.06	3.70	268	87	54	0.055	17	410	55
R-5927	0.035	1.00	23	46	6	0.040	10	540	7
R-5928	0.145	3.00	166	98	16	0.065	6	940	44
R-5929	0.095	5.80	329	60	51	0.110	61	300	79
R-5930	0.085	43.00	9060	63	28	0.950	400	600	1001
R-5931	0.84	54.74	905	705	117	4.200	1300	10900	1001
R-5932	1.02	50.01	215	10001	720	4.500	82	5800	245
R-5933	0.01	44.00	27	140	25	0.160	48	1340	208
R-5934	0.063	1.30	18	65	30	0.140	3	620	311

Bondar-Clegg, Inc.
625 Spice Island Dr.
Building 1, Unit A
Sparks, Nevada 89431
702 (359-9330)

BONDAR-CLEGG

Geochemical Lab Report

319
ITEM 74-N

REPORT: R88-09821.0

PROJECT: 71-18-106

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Hg PPB	Sb PPM	Ba PPM
R2 R-3369		10	25.0	34	305	480	750	6	<20
R2 R-3370		5	39.0	975	600	950	370	150	<20
R2 R-3371		<5	7.8	37	1230	11100	700	37	280
R2 R-5849		125	1.6	36	41	170	100	3	2200
R2 R-5850		3380	>50.0	2760	4270	800	>5000	225	5400*
R2 R-5851		980	24.0	42	960	250	2100	25	490
R2 R-5852		65	1.1	20	28	60	395	26	1200
R2 R-5853		50	4.8	328	229	565	100	40	1200
R2 R-5854		2550	>50.0	>20000	>10000	2110	>5000	940	920
R2 R-5855		1810	>50.0	810	8270	2810	>5000	340	18000
R2 R-5856		140	2.8	248	86	100	240	16	1100
R2 R-5857		4110	>50.0	2750	730	600	>5000	415	2600
R2 R-5858		680	>50.0	1330	5790	970	2800	175	160
R2 R-5859		370	17.0	89	1040	145	2100	48	590
R2 R-5860		470	20.0	66	1465	320	1550	25	4200
R2 R-5861		1540	>50.0	53	2290	50	>5000	84	18600
R2 R-5862		350	>50.0	1060	8170	1320	>5000	575	4100
R2 R-5863		1310	>50.0	222	2350	305	2900	110	310
R2 R-5864		105	22.0	73	550	380	540	23	1600
R2 R-5865		20	9.5	39	262	65	500	23	880
R2 R-5866		370	>50.0	113	353	140	1500	105	2300
R2 R-5867		165	6.5	22	615	12	1100	51	30
R2 R-5868		1350	>50.0	3730	1440	1980	>5000	120	3000
R2 R-5869		690	21.0	216	311	29	1100	28	3100
R2 R-5870		135	4.7	95	955	35	650	35	2300
R2 R-5871		7270	>50.0	545	>10000	>20000	>5000	61	9400*
R2 R-5872		3170	>50.0	525	1425	310	>5000	210	360
R2 R-5873		540	>50.0	3020	965	2700	>5000	670	1900
R2 R-5874		2260	>50.0	1780	3160	260	>5000	1700	7100
R2 R-5875		2540	>50.0	49	72	85	700	17	3500
R2 R-5876		55	0.5	13	32	8	205	24	700
R2 R-5877		500	>50.0	163	6120	11700	2600	55	1400
R2 R-5878		670	>50.0	203	1720	950	1800	47	1900
R2 R-5879		235	>50.0	60	380	274	1000	115	1000

RECEIVED
DEC 9 1988
MINING OFFICE
BATTLE MOUNTAIN GOLD

Clegg, Inc.
ce Island Dr.
ng I, Unit A
s, Nevada 89431
(359-9330)

BONDAR-CLEGG

Geochemical Lab Report

REPORT: R88-09821.5

PROJECT: 71-18-106 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Ag OPT	Ag OPT	Cu PCT	Pb PCT	Zn PCT
R2 R-5850			5.10			
R2 R-5854		65.35	>10.00	3.52	9.00	
R2 R-5855			5.17			
R2 R-5857		10.28	>10.00			
R2 R-5858			4.27			
R2 R-5861			3.23			
R2 R-5862			3.77			
R2 R-5863			3.20			
R2 R-5866			7.48			
R2 R-5868			5.46			
R2 R-5871			4.91		3.09	3.86
R2 R-5872			6.92			
R2 R-5873			2.82			
R2 R-5874			4.03			
R2 R-5875			2.05			
R2 R-5877			3.42			
R2 R-5878			4.91			
R2 R-5879			3.41			

RECEIVED
DEC 1 1988

Bondar-Clegg, Inc.
625 Spice Island Dr.
Building 1, Unit A
Sparks, Nevada 89431
702 (359-9330)

BONDAR-CLEGG

Geochemical Lab Report

REPORT: R88-02821.0

PROJECT: 71-18-106

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Hg PPB	Sb PPM	Ba PPM
R2 R-3369		10	25.0	34	305	480	750	6	<20
R2 R-3370		5	39.0	975	600	950	370	150	<20
R2 R-3371		<5	7.8	37	1230	11100	700	37	280
R2 R-5849		125	1.6	36	41	170	100	3	2200
R2 R 5850		3380	>50.0 (5.1)	2760	4270	800	>5000	225	5400*
R2 R-5851		980	24.0	42	960	250	2100	25	490
R2 R-5852		65	1.1	20	28	60	395	26	1200
R2 R-5853		50	4.8 (65.3)	328	229	565	100	40	1200
R2 R-5854		2550	>50.0	>20000	>10000	2110	>5000	940	920
R2 R-5855		1810	>50.0 (5.17)	810	8270	2810	>5000	340	18000
R2 R-5856		140	2.8	248	86	100	240	16	1100
R2 R-5857		4110	>50.0 (10.3)	2750	730	600	>5000	415	2600
R2 R-5858		680	>50.0 (4.3)	1330	5790	970	2800	175	160
R2 R-5859		370	17.0	89	1040	145	2100	48	590
R2 R-5860		470	20.0	66	1465	320	1550	25	4200
R2 R-5861		1540	>50.0 (3.2)	53	2290	50	>5000	84	18600
R2 R-5862		350	>50.0 (3.8)	1060	8170	1320	>5000	575	4100
R2 R-5863		1310	>50.0 (3.2)	222	2350	305	2900	110	310
R2 R-5864		105	22.0	73	550	680	540	23	1600
R2 R-5865		20	9.5	39	262	65	500	23	880
R2 R-5866		370	>50.0 (7.5)	113	353	140	1500	105	2300
R2 R-5867		165	6.5	22	615	12	1100	51	30
R2 R-5868		1350	>50.0 (5.5)	3730	1440	1980	>5000	120	3000
R2 R-5869		690	21.0	216	311	29	1100	28	3100
R2 R-5870		135	4.7	95	955	35	650	35	2300
R2 R-5871		7270	>50.0 (4.9)	545	>10000	>20000	>5000	61	9400*
R2 R-5872		3170	>50.0 (6.9)	525	1425	310	>5000	210	360
R2 R-5873		540	>50.0 (2.8)	3020	965	2700	>5000	670	1900
R2 R-5874		2260	>50.0 (4.0)	1780	3160	260	>5000	1700	7100
R2 R-5875		2540	>50.0 (2.0)	49	72	85	700	17	3500
R2 R-5876		55	0.5	13	32	8	205	24	700
R2 R-5877		500	>50.0 (3.4)	163	6120	11700	2600	55	1400
R2 R-5878		670	>50.0 (4.9)	203	1720	950	1800	47	1900
R2 R-5879		235	>50.0 (3.4)	60	380	274	1000	115	1000

RECEIVED
DEC 9 1988

, Inc.
..ysland Drive
i, Unit A
Nevada
.. 89431
ne: (702) 359-9330

BONDAR-CLEGG

Geochemical
Lab Report

REPORT: R88-02716.0

PROJECT: GENX

SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Ag PPM	As PPM	Mo PPM	Sb PPM	TL PPM	Hg PPM
R2 R570		180	4.3	401	10	5	1	0.60
R2 R571		3250	>50.0	968	19	41	3	5.25
R2 R572		64	1.6	182	<1	<5	1	0.80
R2 R573		5742	1.7	127	3	7	1	2.10
R2 R574		900	23.3	439	15	64	2	5.85
R2 R575		3710=	>50.0	>2000	22	>2000	3	>50.00
R2 R576		1897	41.5	>2000	3	1113	3	9.00
R2 R577		1417	17.8	>2000	3	249	<1	12.00
R2 R578		98	5.1	86	2	31	<1	0.85

RECEIVED

MAY 14 1988

RENO OFFICE
BATTLE MOUNTAIN GOLD CO.

BONDAR-CLEGG

Geochemical
Lab Report

RT: R88-02716.6

PROJECT: GENX

AMPLE NUMBER	ELEMENT UNITS	Ag OPT
R2 R571		4.60
R2 R575		27.93

RECEIVED

MAY 14 1988

RENO OFFICE
BATTLE MOUNTAIN GOLD CO.

BONDAR-CLEGG

Geochemical Lab Report

REPORT: R88-03400.0

PROJECT: GENX

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM	As PPM	Bi PPM	Co PPM	Cr PPM	Cu PPM	Mn PPM	Mo PPM	Ni PPM	Pb PPM
R2 R-579		<5	0.7	27	<2	5	79	23	795	5	6	15
R2 R-580		290	39.2	165	10	<1	59	508	122	6	2	770
R2 R-581		495	33.1	379	6	<1	78	622	443	6	2	613
R2 R-582		65	3.1	378	<2	3	44	40	810	8	3	111
R2 R-583		1020	40.9	938	11	<1	93	119	567	17	3	1251
R2 R-584		3380	34.1	323	11	<1	62	93	207	29	2	>10000
R2 R-585		550	13.5	170	4	<1	104	57	57	26	2	1781
R2 R-586		540	9.0	131	3	<1	49	21	257	3	3	2474
R2 R-587		20	1.0	220	<2	4	48	15	1330	1	4	54
R2 R-588		240	21.5	791	19	<1	69	174	96	7	2	394
R2 R-589		30	1.2	29	<2	4	24	50	682	2	4	86
R2 R-590		1840	>50.0	>2000	59	<1	112	6945	30	8	6	78

RECEIVED
JUN 10 1988
RENO OFFICE
BATTLE MOUNTAIN GOLD CO.

GENL. EXPL.

.ve
59-9330

BONDAR-CLEGG

Geochemical Lab Report

REPORT: R88-03400.0

PROJECT: GENX

SAMPLE NUMBER	ELEMENT UNITS	Sb PPM	Se PPM	W PPM	Zn PPM	Hg PPM	Ba PPM
R2 R-579		10	<5	<10	96	0.15	760
R2 R-580		15	<5	<10	759	2.15	400
R2 R-581		34	<5	<10	382	3.40	1700
R2 R-582		7	15	<10	184	0.85	760
R2 R-583		47	<5	<10	545	3.65	9800
R2 R-584		24	12	<10	540	8.00	4400
R2 R-585		10	<5	<10	22	3.30	690
R2 R-586		6	<5	<10	1388	3.60	230
R2 R-587		<5	<5	<10	99	0.30	1200
R2 R-588		147	<5	<10	122	20.00	770
R2 R-589		<5	<5	<10	183	0.40	930
R2 R-590		1465	90	<10	46	12.00	4000

RECEIVED
JUN 10 1988
RENO OFFICE
BATTLE MOUNTAIN GOLD CO.

GENL. EXPL.

Bondar-Clegg, Inc.
625 Spice Island Drive
Building 1, Unit A
Sparks, Nevada
U.S.A. 89431
Phone: (702) 359-9330

BONDAR-CLEGG

Geochemical Lab Report

REPORT: R88-02716.0

PROJECT: GENX

SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Ag PPM	As PPM	Mo PPM	Sb PPM	TL PPM	Hg PPM
R2 R570		180	4.3	401	10	5	1	0.60
R2 R571		3250	>50.0	968	19	41	3	5.25
R2 R572		64	1.6	182	<1	<5	1	0.80
R2 R573		5742	1.7	127	3	7	1	2.10
R2 R574		900	23.3	439	15	64	2	5.85
R2 R575		3710=	>50.0	>2000	22	>2000	3	>50.00
R2 R576		1897	41.5	>2000	3	1113	3	9.00
R2 R577		1417	17.8	>2000	3	249	<1	12.00
R2 R578		98	5.1	86	2	31	<1	0.85

RECEIVED
MAY 14 1988
RENO OFFICE
BATTLE MOUNTAIN GOLD CO.

, Inc.
land Drive
, Unit A
Nevada
89431
: (702) 359-9330

BONDAR-CLEGG

Geochemical
Lab Report

REPORT: R88-03400.6

PROJECT: GENX

SAMPLE NUMBER	ELEMENT UNITS	Ag OPT	Pb PCT
R2 R-584			1.16
R2 R-590		2.92	

RECEIVED

JUN 8 1988

RENO OFFICE
BATTLE MOUNTAIN GOLD CO.

Bondar-Clegg, Inc.
625 Spice Island Drive
Building 1, Unit A
Sparks, Nevada
U.S.A. 89431
Phone: (702) 359-9330

BONDAR-CLEGG

Geochemical Lab Report

REPORT: R88-02716.6

PROJECT: GENX

SAMPLE NUMBER	ELEMENT UNITS	Ag OPT
R2 R571		4.60
R2 R575		27.93

RECEIVED
MAY 14 1988
RENO OFFICE
BATTLE MOUNTAIN GOLD CO.

Bondar-Clegg, Inc.
625 Spice Island Dr.
Building 1, Unit A
Sparks, Nevada 89431
702 (359-9330)

BC
BONDAR-CLEGG

Geochemical Lab Report

REPORT: R88-09821.0

PROJECT: 71-18-106

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Hg PPB	Sb PPM	Ba PPM
R2 R-3369		10	25.0	34	305	480	750	6	<20
R2 R-3370		5	39.0	975	600	950	370	150	<20
R2 R-3371		<5	7.8	37	1230	11100	700	37	280
R2 R-5849		125	1.6	36	41	170	100	3	2200
R2 R-5850		3380	>50.0	2760	4270	800	>5000	225	5400*
R2 R-5851		980	24.0	42	960	250	2100	25	490
R2 R-5852		65	1.1	20	28	60	395	26	1200
R2 R-5853		50	4.8	328	229	565	100	40	1200
R2 R-5854		2550	>50.0	>20000	>10000	2110	>5000	940	920
R2 R-5855		1810	>50.0	810	8270	2810	>5000	340	18000
R2 R-5856		140	2.8	248	86	100	240	16	1100
R2 R-5857		4110	>50.0	2750	730	600	>5000	415	2600
R2 R-5858		680	>50.0	1330	5790	970	2800	175	160
R2 R-5859		370	17.0	89	1040	145	2100	48	590
R2 R-5860		470	20.0	66	1465	320	1550	25	4200
R2 R-5861		1540	>50.0	53	2290	50	>5000	84	18600
R2 R-5862		350	>50.0	1060	8170	1320	>5000	575	4100
R2 R-5863		1310	>50.0	222	2350	305	2900	110	310
R2 R-5864		105	22.0	73	550	380	540	23	1600
R2 R-5865		20	9.5	39	262	65	500	23	880
R2 R-5866		370	>50.0	113	353	140	1500	105	2300
R2 R-5867		165	6.5	22	615	12	1100	51	30
R2 R-5868		1350	>50.0	3730	1440	1980	>5000	120	3000
R2 R-5869		690	21.0	216	311	29	1100	28	3100
R2 R-5870		135	4.7	95	955	35	650	35	2300
R2 R-5871		7270	>50.0	545	>10000	>20000	>5000	61	9400*
R2 R-5872		3170	>50.0	525	1425	310	>5000	210	360
R2 R-5873		540	>50.0	3020	965	2700	>5000	670	1900
R2 R-5874		2260	>50.0	1780	3160	260	>5000	1700	7100
R2 R-5875		2540	>50.0	49	72	85	700	17	3500
R2 R-5876		55	0.5	13	32	8	205	24	700
R2 R-5877		500	>50.0	163	6120	11700	2600	55	1400
R2 R-5878		670	>50.0	203	1720	950	1800	47	1900
R2 R-5879		235	>50.0	60	380	274	1000	115	1000

RECEIVED
DEC 9 1988
MAIL DIVISION

ndar-Clegg, Inc.
25 Spice Island Dr.
Building 1, Unit A
Sparks, Nevada 89431
702 (359-9330)

BONDAR-CLEGG

Geochemical Lab Report

REPORT: R88-09821.5

PROJECT: 71-18-106 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Ag OPT	Ag OPT	Cu PCT	Pb PCT	Zn PCT	Au	Hg	Ba	Sb
R2 R-5850			5.10							
R2 R-5854		65.35	>10.00	3.52	9.00					
R2 R-5855			5.17							
R2 R-5857		10.28	>10.00							
R2 R-5858			4.27							
R2 R-5861			3.23							
R2 R-5862			3.77							
R2 R-5863			3.20							
R2 R-5866			7.48							
R2 R-5868			5.46							
R2 R-5871			4.91		3.09	3.86				
R2 R-5872			6.92							
R2 R-5873			2.82							
R2 R-5874			4.03							
R2 R-5875			2.05							
R2 R-5877			3.42							
R2 R-5878			4.91							
R2 R-5879			3.41							

RECEIVED
DEC 3 1988
MINING OFFICE
SEATTLE WASHINGTON

.nc.
.nd Dr.
Unit A
.evada 89431
)-9330)

BONDAR-CLEGG

Geochemical Lab Report

REPORT: R89-01217.0

PROJECT: 71-18-106

SAMPLE NUMBER	ELEMENT UNITS	Au 30g PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	As PPM	Hg PPB	Ba PPM
R2 R5880		640	37.0	178	918	126	120	>5000	190
R2 R5881		1240	>50.0	432	825	221	>1000	>5000	40
R2 R5882		670	>50.0	508	707	170	>1000	>5000	240
R2 R5883		45	1.9	11	274	341	63	430	90
R2 R5884		440	>50.0	<1	1645	2310	87	>5000	220
R2 R5885		1010	33.0	54	1702	125	337	3700	370
R2 R5886		1960	>50.0	193	5660	624	212	>5000	3300
R2 R5887		1250	>50.0	394	2440	740	650	>5000	5300
R2 R5888		70	2.0	35	154	7520	130	225	1400
R2 R5889		2710	>50.0	535	>10000	>20000	643	>5000	860=
R2 R5890		190	0.6	18	128	103	29	105	550
R2 R5891		1650	>50.0	883	1584	655	120	>5000	6600
R2 R5892		1340	>50.0	1050	>10000	4920	235	>5000	2300
R2 R5893		1150	>50.0	195	2500	256	598	>5000	2800
R2 R5894		280	20.0	365	1114	561	294	>5000	2500
R2 R5895		1430	>50.0	519	345	39	>1000	>5000	930
R2 R5896		40	5.5	425	61	20	350	1050	280
R2 R5897		160	49.0	169	163	72	>1000	>5000	16000
R2 R5898		100	2.5	372	158	15	230	280	300
R2 R5899		80	8.6	100	150	16	69	230	430
R2 R5900		50	6.5	29	191	3	50	175	1100

gg, Inc.
Island Dr.
g 1, Unit A
s, Nevada 89431
(359-9330)

BONDAR-CLEGG

Geochemical Lab Report

REPORT: R89-01497.0

PROJECT: 71-18-106 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	As PPM	Hg PPB	Ba PPM
R2 R-5932		1020	>50.0	215	>10000	720	245	4500	5900
R2 R-5933		10	44.0	27	140	25	208	160	1340
R2 R-5934		63	1.3	18	65	30	311	140	620

, Inc.
and Dr.
., Unit A
Nevada 89431
59-9330)

BONDAR-CLEGG

Geochemical Lab Report

REPORT: R89-01217.5

PROJECT: 71-18-106 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Ag OPT	Pb PCT	Zn PCT
R2 R5881		4.08		
R2 R5882		2.89		
R2 R5884		2.71		
R2 R5886		2.34		
R2 R5887		4.85		
R2 R5889		2.24	7.40	4.54
R2 R5891		2.19		
R2 R5892		2.42	3.58	
R2 R5893		2.88		
R2 R5895		1.72		

RECEIVED

A
..a 89431
330)

BONDAR-CLEGG

Geochemical Lab Report

REPORT: R89-01468.5

PROJECT: 71-18-106 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Ag OPT
R2 R-5908		1.94
R2 R-5910		1.60
R2 R-5914		1.47
R2 R-5915		4.50
R2 R-5916		5.38
R2 R-5917		1.67
R2 R-5921		1.76
R2 R-5931		1.61

319

ITEM 74-0

iegg, Inc.
'e Island Dr.
ng 1, Unit A
ks, Nevada 89431
02 (359-9330)

BONDAR-CLEGG

Geochemical Lab Report

Pyr 1
45°
-60°
320 TD

Pyr 2
45°
-60
380 TD

REPORT: R89-03111.0

PROJECT: 71-18-106

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM
Pyr 1 Z2 R-10000	5-10	45	1.0
Z2 R-10001	10-15	<5	0.2
Z2 R-10002	15-20	<5	0.2
Z2 R-10003	20-25	<5	<0.1
Z2 R-10004	25-30	<5	<0.1
Z2 R-10005	30-35	14	1.9
Z2 R-10006	35-40	1642	32.2
Z2 R-10007	40-45	195	23.6
Z2 R-10008	45-50	17	5.5
Z2 R-10009	50-55	25	5.3
Z2 R-10010	55-60	<5	0.4
Z2 R-10011	60-65	15	0.5
Z2 R-10012	65-70	73	1.7
Z2 R-10013	70-75	<5	0.7
Z2 R-10014	75-80	<5	<0.1
Z2 R-10015	80-85	<5	<0.1
Z2 R-10016	85-90	<5	<0.1
Z2 R-10017	90-95	<5	<0.1
Z2 R-10018	95-100	<5	<0.1
Z2 R-10019	100-105	<5	0.1
Z2 R-10020	105-110	<5	<0.1
Z2 R-10021	110-115	<5	<0.1
Z2 R-10022	115-120	38	2.0
Z2 R-10023	120-125	87	1.8
Z2 R-10024	125-130	258	13.2
Z2 R-10025	130-135	62	4.1
Z2 R-10026	135-140	249	26.3
Z2 R-10027	140-145	116	3.3
Z2 R-10028	145-150	118	1.8
Z2 R-10029	150-155	26	1.4
Z2 R-10030	155-160	22	0.9
Z2 R-10031	160-165	10	0.7
Z2 R-10032	165-170	7	0.4
Z2 R-10033	170-175	23	0.8
Z2 R-10034	175-180	9	0.2
Z2 R-10035	180-185	7	0.3
Z2 R-10036	185-190	10	0.3
Z2 R-10037	190-195	<5	0.1
Z2 R-10038	195-200	<5	0.1
Z2 R-10039	200-205	<5	<0.1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM
Z2 R-10040	205-210	<5	<0.1
Z2 R-10041	210-215	<5	0.1
Z2 R-10042	215-220	<5	0.1
Z2 R-10043	220-225	<5	0.7
Z2 R-10044	225-230	<5	0.3
Z2 R-10045	230-235	<5	1.0
Z2 R-10046	235-240	<5	<0.1
Z2 R-10047	240-245	<5	0.6
Z2 R-10048	245-250	6	1.2
Z2 R-10049	250-255	19	3.4
Z2 R-10050	255-260	<5	0.8
Z2 R-10051	260-265	16	1.3
Z2 R-10052	265-270	10	0.4
Z2 R-10053	270-275	8	0.8
Z2 R-10054	275-280	<5	0.6
Z2 R-10055	280-285	21	1.5
Z2 R-10056	285-290	<5	0.3
Z2 R-10057	290-295	6	0.5
Z2 R-10058	295-300	22	0.8
Z2 R-10059	300-305	7	0.8
Z2 R-10060	305-310	<5	0.4
Z2 R-10061	310-315	23	0.3
Pyr 2 Z2 R-10062	315-320 TD	37	0.4
Z2 R-10063	~~0-5~~ 5-10	7	0.5
Z2 R-10064	~~5-10~~ 10-15	24	<0.1
Z2 R-10065	~~10-15~~ 15-20	26	0.5
Z2 R-10066	~~15-20~~ 20-25	10	0.7
Z2 R-10067	~~20-25~~ 25-30	123	0.3
Z2 R-10068	~~25-30~~ 30-35	58	5.3
Z2 R-10069	~~30-35~~ 35-40	172	1.9

RECEIVED

JUN 16 1989

RENO OFFICE
BATTLE MOUNTAIN GOLD CO.

Bondar-Clegg, Inc.
625 Spice Island Dr.
Building 1, Unit A
Sparks, Nevada 89431
702 (359-9330)

Pyr-2
380 TD
45° -60°

BONDAR-CLEGG

Geochemical Lab Report

PyR-3
313 TD 225° -45

DATE PRINTED: 23-JUN-89

REPORT: R89-03186.0

PROJECT: 71-18-105

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM
Z2 R-10070	40-45	30	0.3
Z2 R-10071	45-50	<5	<0.1
Z2 R-10072	50-55	25	<0.1
Z2 R-10073	55-60	32	<0.1
Z2 R-10074	60-65	13	<0.1
Z2 R-10075	65-70	<5	<0.1
Z2 R-10076	70-75	<5	<0.1
Z2 R-10077	75-80	<5	<0.1
Z2 R-10078	80-85	<5	<0.1
Z2 R-10079	85-95	<5	<0.1
Z2 R-10080	95-100	<5	<0.1
Z2 R-10081	100-110	<5	<0.1
Z2 R-10082	110-120	<5	<0.1
Z2 R-10083	120-130	<5	<0.1
Z2 R-10084	130-140	<5	<0.1
Z2 R-10085	140-150	<5	<0.1
Z2 R-10086	150-160	24	0.8
Z2 R-10087	160-170	<5	<0.1
Z2 R-10088	170-180	<5	<0.1
Z2 R-10089	180-190	<5	0.1
Z2 R-10090	190-200	<5	0.1
Z2 R-10091	200-210	<5	0.1
Z2 R-10092	210-220	<5	<0.1
Z2 R-10093	220-230	19	0.4
Z2 R-10094	230-240	17	0.1
Z2 R-10095	240-250	<5	0.1
Z2 R-10096	250-260	7	0.1
Z2 R-10097	260-270	14	0.2
Z2 R-10098	270-280	12	0.1
Z2 R-10099	280-290	12	0.3
Z2 R-10100	290-300	11	0.1
Z2 R-10101	300-310	<5	0.2
Z2 R-10102	310-320	5	0.2
Z2 R-10103	320-330	<5	<0.1
Z2 R-10104	330-340	11	0.2
Z2 R-10105	340-350	7	0.2
Z2 R-10106	350-360	17	0.5
Z2 R-10107	360-370	6	0.3
Pyr3 Z2 R-10108	370-380 (TD)	<5	0.1
Z2 R-10109	0-10	5	0.5

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM
Z2 R-10110	10-20	<5	0.2
Z2 R-10111	20-30	<5	0.1
Z2 R-10112	30-40	<5	0.2
Z2 R-10113	40-50	<5	0.1
Z2 R-10114	50-60	<5	0.2
Z2 R-10115	60-70	23	2.8
Z2 R-10116	70-80	331	4.1
Z2 R-10117	80-90	76	3.1
Z2 R-10118	90-100	67	4.6
Z2 R-10119	100-110	17	0.6
Z2 R-10120	110-120	22	2.1
Z2 R-10121	120-130	18	1.0
Z2 R-10122	130-140	11	0.8
Z2 R-10123	140-150	11	0.9
Z2 R-10124	150-160	<5	0.2
Z2 R-10125	160-170	<5	0.3
Z2 R-10126	170-180	<5	0.6
Z2 R-10127	180-200	77	1.1
Z2 R-10128	200-210	29	2.4
Z2 R-10129	210-220	<5	0.6
Z2 R-10130	220-230	<5	0.3
Z2 R-10131	230-240	<5	0.2
Z2 R-10132	240-250	<5	0.5
Z2 R-10133	250-260	<5	0.5
Z2 R-10134	260-270	<5	1.2
Z2 R-10135	270-280	6	0.8
Z2 R-10136	280-290	10	1.2
Z2 R-10137	290-300	<5	1.1
Z2 R-10138	300-310	11	1.1
Z2 R-10139	310-313 (TD)	<5	0.6

Bondar-Clegg, Inc.
625 Spice Island Dr.
Building 1, Unit A
Sparks, Nevada 89431
702 (359-9330)

BONDAR-CLEGG

Geochemical Lab Report

Pyr. 4

225° -45° 460 TD

REPORT: R89-03207.0

DATE PRINTED: 26-JUN-89
PROJECT: 71-18-105 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM
Z2 R-10140	0-10	43	0.5
Z2 R-10141	10-20	33	0.5
Z2 R-10142	20-30	67	1.2
Z2 R-10143	30-40	230	1.1
Z2 R-10144	40-50	209	9.7
Z2 R-10145	50-60	55	5.1
Z2 R-10146	60-70	64	1.8
Z2 R-10147	70-80	21	0.7
Z2 R-10148	80-90	<5	0.3
Z2 R-10149	90-100	61	4.5
Z2 R-10150	100-110	5	0.8
Z2 R-10151	110-120	142	3.3
Z2 R-10152	120-130	16	2.7
Z2 R-10153	130-140	35	1.3
Z2 R-10154	140-150	70	2.0
Z2 R-10155	150-160	13	0.6
Z2 R-10156	160-170	63	2.3
Z2 R-10157	170-180	29	1.2
Z2 R-10158	180-190	570	30.7
Z2 R-10159	190-200	72	10.6
Z2 R-10160	200-210	54	5.0
Z2 R-10161	210-220	20	1.1
Z2 R-10162	220-230	37	0.7
Z2 R-10163	230-240	123	1.7
Z2 R-10164	240-250	203	2.1
Z2 R-10165	250-260	42	2.2
Z2 R-10166	260-270	16	0.8
Z2 R-10167	270-280	39	2.0
Z2 R-10168	280-290	<5	0.8
Z2 R-10169	290-300	20	0.3

RECEIVED

JUN 28 1989

RENO OFFICE
BATTLE MOUNTAIN GOLD CO.

Bondar-Clegg, Inc.
625 Spice Island Dr.
Building 1, Unit A
Sparks, Nevada 89431
702 (359-9330)

BONDAR-CLEGG

Geochemical Lab Report

Pyr 4

225° -45 4160 TD

Pyr 5 225° -45° 300 TD

REPORT: R89-03230.0

DATE PRINTED: 26-JUN-89

PROJECT: 71-18-105 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM
R2 R-10170	300-310	14	0.3
R2 R-10171	310-320	<5	0.1
R2 R-10172	320-330	61	2.8
R2 R-10173	330-340	10	0.4
R2 R-10174	340-350	<5	<0.1
R2 R-10175	350-360	80	1.2
R2 R-10176	360-370	79	1.0
R2 R-10177	370-380	164	4.0
R2 R-10178	380-390	26	0.8
R2 R-10179	390-400	51	0.7
R2 R-10180	400-410	12	0.3
R2 R-10181	410-420	23	1.2
R2 R-10182	420-430	67	0.7
R2 R-10183	430-440	12	<0.1
R2 R-10184	440-450	13	0.1
R2 R-10185	450-460 TD	19	<0.1
R2 R-10186	0-10	33	0.5
R2 R-10187	10-20	27	0.3
R2 R-10188	20-30	18	0.3
R2 R-10189	30-40	<5	0.6
R2 R-10190	40-50	<5	<0.1
R2 R-10191	50-60	<5	<0.1
R2 R-10192	60-70	<5	<0.1
R2 R-10193	70-80	<5	<0.1
R2 R-10194	80-90	<5	<0.1
R2 R-10195	90-100	<5	<0.1
R2 R-10196	100-110	<5	<0.1
R2 R-10197	110-120	<5	<0.1
R2 R-10198	120-130	<5	<0.1
R2 R-10199	130-140	<5	<0.1
R2 R-10200	140-150	7	<0.1
R2 R-10201	150-160	<5	<0.1
R2 R-10202	160-170	<5	<0.1
R2 R-10203	170-180	<5	<0.1
R2 R-10204	180-190	<5	<0.1
R2 R-10205	190-200	<5	<0.1
R2 R-10206	200-210	<5	<0.1
R2 R-10207	210-220	5	<0.1
R2 R-10208	220-230	5	<0.1
R2 R-10209	230-240	5	<0.1
R2 R-10210	240-250	7	0.1
R2 R-10211	250-260	8	<0.1
R2 R-10212	260-270	9	0.1
R2 R-10213	270-280	209	2.5
R2 R-10214	280-290	5	0.1
R2 R-10215	290-300 (TD)	5	<0.1

r5 ——

44

RECEIVED

JUN 28 1989

RENO OFFICE
BATTLE MOUNTAIN GOLD CO.

.-Clegg, Inc.
pice Island Dr.
ilding 1, Unit A
parks, Nevada 89431
702 (359-9330)

BONDAR-CLEGG

Geochemical Lab Report

RCH - Pyr 6

225° -45
360 TD

DATE PRINTED: 28-JUN-89

REPORT: R89-03313.0

PROJECT: 71-19-105 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM
Z2 R-10216	0-10	13	1.7
Z2 R-10217	10-20	16	2.6
Z2 R-10218	20-30	54	1.6
Z2 R-10219	30-40	209	2.0
Z2 R-10220	40-50	36	0.7
Z2 R-10221	50-60	14	0.4
Z2 R-10222	60-70	53	0.6
Z2 R-10223	70-80	99	1.0
Z2 R-10224	80-90	40	0.7
Z2 R-10225	90-100	<5	0.2
Z2 R-10226	100-110	18	0.5
Z2 R-10227	110-120	26	0.6
Z2 R-10228	120-130	30	0.7
Z2 R-10229	130-140	34	0.8
Z2 R-10230	140-150	27	0.7
Z2 R-10231	150-160	26	1.3
Z2 R-10232	160-170	621	1.7
Z2 R-10233	170-180	16	0.3
Z2 R-10234	180-190	14	0.3
Z2 R-10235	190-200	<5	0.2
Z2 R-10236	200-210	10	0.8
Z2 R-10237	210-220	20	0.6
Z2 R-10238	220-230	43	0.6
Z2 R-10239	230-240	199	1.4
Z2 R-10240	240-250	27	0.6
Z2 R-10241	250-260	13	1.1
Z2 R-10242	260-270	7	0.5
Z2 R-10243	270-280	21	0.3
Z2 R-10244	280-290	19	0.7
Z2 R-10245	290-300	7	0.8
Z2 R-10246	300-310	286	0.8
Z2 R-10247	310-320	16	0.6
Z2 R-10248	320-330	141	5.2
Z2 R-10249	330-340	129	0.9
Z2 R-10250	340-350	31	1.8
Z2 R-10251	350-360 (TD)	22	1.1

RECEIVED

JUL 3 1989

RENO OFFICE
BATTLE MOUNTAIN GOLD CO

Dr.
ıt A
ıda 89431
330)

BONDAR-CLEGG

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

Geochemical Lab Report

REPORT: R89-03362.0

~~DATE PRINTED: 6-JUL-89~~
PROJECT: 71-18-105

SAMPLE NUMBER	ELEMENT UNITS	Au PPB
RCH Pyr 7		
R2 R-10252	0-10	<5
R2 R-10253	10-20	12
R2 R-10254	20-30	<5
R2 R-10255	30-40	15
R2 R-10256	40-50	
R2 R-10257	50-60	
R2 R-10258	60-70	
R2 R-10259	70-80	
R2 R-10260	80-90	<5
R2 R-10261	90-100	<5
R2 R-10262	100-110	<5
R2 R-10263	110-120	21
R2 R-10264	120-130	9
R2 R-10265	130-140	<5
R2 R-10266	140-150	9
R2 R-10267	150-160	34
R2 R-10268	160-170	<5
R2 R-10269	170-180	
R2 R-10270	180-190	
R2 R-10271	190-200	
R2 R-10272	200-210	
R2 R-10273	210-220	
R2 R-10274	220-230	
R2 R-10275	230-240	<5
R2 R-10276	240-250	
R2 R-10277	250-260	
R2 R-10278	260-270	
R2 R-10279	270-280	
R2 R-10280	280-290	
R2 R-10281	290-300 (TD)	
CH Pyr 8		
R2 R-10282	0-10	<5
R2 R-10283	10-20	<5
R2 R-10284	20-30	159
R2 R-10285	30-40	26
R2 R-10286	40-50	
R2 R-10287	50-60	
R2 R-10288	60-70	
R2 R-10289	70-80	
R2 R-10290	80-90	
R2 R-10291	90-100	

SAMPLE NUMBER	ELEMENT UNITS	Au PPB
R2 R-10292	100-110	
R2 R-10293	110-120	
R2 R-10294	120-130	
R2 R-10295	130-140 (TD)	
P2 WR-10256+10257	COMP	<5
P2 WR-10258+10259	COMP	<5
P2 WR-10269+10270	COMP	<5
P2 WR-10271+10272	COMP	<5
P2 WR-10273+10274	COMP	<5
P2 WR-10276+10277	COMP	<5
P2 WR-10278+10279	COMP	<5
P2 WR-10280+10281	COMP	10
P2 WR-10286+10287	COMP	14
P2 WR-10288+10289	COMP	<5
P2 WR-10290+10291	COMP	<5
P2 WR-10292+10293	COMP	6
P2 WR-10294+10295	COMP	<5

RECEIVED
JUL 10 1989
RENO OFFICE
BATTLE MOUNTAIN GOLD CO.

9431

BONDAR-CLEGG

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

Geochemical Lab Report

RCH - Pyr 9
Az 245° -45° 380TD

REPORT: R89-03382.0

DATE PRINTED: 7-JUL-89
PROJECT: 71-18-105

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM
Z2 R-10296	0-10	<5	<0.1
Z2 R-10297	10-20	<5	<0.1
Z2 R-10298	20-30	<5	<0.1
Z2 R-10299	30-40	<5	<0.1
Z2 R-10300	40-50	<5	<0.1
Z2 R-10301	50-60	<5	<0.1
Z2 R-10302	60-70	<5	<0.1
Z2 R-10303	70-75	<5	<0.1
Z2 R-10304	75-80	<5	0.5
Z2 R-10305	80-85	<5	0.5
Z2 R-10306	85-90	43	1.9
Z2 R-10307	90-95	50	2.1
Z2 R-10308	95-100	8	1.1
Z2 R-10309	100-105	34	1.8
Z2 R-10310	105-110	40	1.4
Z2 R-10311	110-115	60	2.4
Z2 R-10312	115-120	22	0.5
Z2 R-10313	120-125	24	1.0
Z2 R-10314	125-130	23	0.3
Z2 R-10315	130-135	235	2.7
Z2 R-10316	135-140	338	2.6
Z2 R-10317	140-145	118	1.0
Z2 R-10318	145-150	126	4.9
Z2 R-10319	150-155	193	4.1
Z2 R-10320	155-160	66	1.5
Z2 R-10321	160-165	10	0.4
Z2 R-10322	165-170	15	0.3
Z2 R-10323	170-175	16	0.6
Z2 R-10324	175-180	12	0.2
Z2 R-10325	180-185	<5	<0.1
Z2 R-10326	185-190	<5	<0.1
Z2 R-10327	190-195	<5	<0.1
Z2 R-10328	195-200	<5	<0.1
Z2 R-10329	200-205	<5	<0.1
Z2 R-10330	205-210	<5	0.1
Z2 R-10331	210-215	<5	<0.1
Z2 R-10332	215-220	<5	0.1
Z2 R-10333	220-225	67	0.6
Z2 R-10334	225-230	<5	0.1
Z2 R-10335	230-235	<5	0.1
Z2 R-10336	235-240	<5	0.1
Z2 R-10337	240-245	<5	0.2
Z2 R-10338	245-250	31	0.1
Z2 R-10339	250-255	7	<0.1
Z2 R-10340	255-260	19	0.2
Z2 R-10341	260-265	177	0.7
Z2 R-10342	265-270	28	0.3
Z2 R-10343	270-275	<5	0.1
Z2 R-10344	275-280	<5	0.1
Z2 R-10345	280-285	20	0.1
Z2 R-10346	285-290	14	0.4
Z2 R-10347	290-295	6	0.3
Z2 R-10348	295-300	16	0.5
Z2 R-10349	300-305	19	0.4
Z2 R-10350	305-310	19	0.3
Z2 R-10351	310-315	>10000	13.3
Z2 R-10352	315-320	353	1.0
Z2 R-10353	320-325	179	0.8
Z2 R-10354	325-330	41	0.4
Z2 R-10355	330-335	422	0.4
Z2 R-10356	335-340	170	0.9
Z2 R-10357	340-345	31	0.5
Z2 R-10358	345-350	1261#	1.1
Z2 R-10359	350-355	451	1.2
Z2 R-10360	355-360	99	0.4
Z2 R-10361	360-365	27	0.3
Z2 R-10362	365-370	28	0.5
Z2 R-10363	370-375	29	0.3
Z2 R-10364	375-380TD	2625	4.3

.521 opt Au

25

1210

RECEIVED

JUL 10 1989

RENO OFFICE
BATTLE MOUNTAIN GOLD CO.

, Inc.
nd Dr.
Unit A
evada 89431
-9330)

BONDAR-CLEGG

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

Geochemical Lab Report

REPORT: R89-03382.5

DATE PRINTED: 12-JUL-89
PROJECT: 71-18-105 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au OPT
Z2 R-10351		0.521

RECEIVED
JUL 1 - 1989
RENO OFFICE
BATTLE MOUNTAIN GOLD CO.

RCH — Pyr 10

Pyr 10

Az. - 60°
Incl. - -45°
350 TD

Bondar-Clegg, Inc.
625 Spice Island Dr.
Building 1, Unit A
Sparks, Nevada 89431
702 (359-9330)

BONDAR-CLEGG

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

Geochemical Lab Report

DATE PRINTED: 11-JUL-89

REPORT: R89-04131.0

PROJECT: 71-18-105

SAMPLE NUMBER	ELEMENT UNITS Pyr 10	Au PPB	Ag PPM	SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM
Z2 R-10365	0-10	5	0.5	Z2 R-10405	215-220	49	1.4
Z2 R-10366	10-20	<5	0.1	Z2 R-10406	220-225	44	2.0
Z2 R-10367	20-30	17	0.6	Z2 R-10407	225-230	48	2.0
Z2 R-10368	30-35	13	1.3	Z2 R-10408	230-235	18	1.2
Z2 R-10369	35-40	<5	0.1	Z2 R-10409	235-240	26	0.9
Z2 R-10370	40-45	<5	0.3	Z2 R-10410	240-245	23	1.1
Z2 R-10371	45-50	<5	0.1	Z2 R-10411	245-250	11	0.9
Z2 R-10372	50-55	<5	0.2	Z2 R-10412	250-255	8	0.7
Z2 R-10373	55-60	<5	0.2	Z2 R-10413	255-260	7	0.8
Z2 R-10374	60-65	<5	0.2	Z2 R-10414	260-265	<5	0.5
Z2 R-10375	65-70	<5	<0.1	Z2 R-10415	265-270	<5	0.3
Z2 R-10376	70-75	<5	0.1	Z2 R-10416	270-275	<5	0.5
Z2 R-10377	75-80	63	4.7	Z2 R-10417	275-280	9	0.4
Z2 R-10378	80-85	14	1.4	Z2 R-10418	280-285	78	1.2
Z2 R-10379	85-90	6	0.2	Z2 R-10419	285-290	70	1.4
Z2 R-10380	90-95	<5	<0.1	Z2 R-10420	290-295	25	1.4
Z2 R-10381	95-100	<5	0.1	Z2 R-10421	295-300	33	1.2
Z2 R-10382	100-105	<5	0.2	Z2 R-10422	300-305	27	1.0
Z2 R-10383	105-110	<5	0.2	Z2 R-10423	305-310	43	1.2
Z2 R-10384	110-115	<5	0.1	Z2 R-10424	310-315	32	0.9
Z2 R-10385	115-120	<5	<0.1	Z2 R-10425	315-320	20	1.5
Z2 R-10386	120-125	<5	<0.1	Z2 R-10426	320-325	103	3.9
Z2 R-10387	125-130	10	<0.1	Z2 R-10427	325-330	106	0.9
Z2 R-10388	130-135	<5	<0.1	Z2 R-10428	330-325	<5	0.7
Z2 R-10389	135-140	<5	0.1	Z2 R-10429	335-340	15	0.6
Z2 R-10390	140-145	27	0.5	Z2 R-10430	340-345	11	0.1
Z2 R-10391	145-150	5	<0.1	Z2 R-10431	345-350 (TD)	[illegible]	0.9
Z2 R-10392	150-155	<5	<0.1				
Z2 R-10393	155-160	5	0.1				
Z2 R-10394	160-165	<5	0.1				
Z2 R-10395	165-170	<5	<0.1				
Z2 R-10396	170-175	23	0.2				
Z2 R-10397	175-180	6	0.2				
Z2 R-10398	180-185	20	<0.1				
Z2 R-10399	185-190	<5	0.1				
Z2 R-10400	190-195	<5	<0.1				
Z2 R-10401	195-200	<5	0.5				
Z2 R-10402	200-205	8	0.7				
Z2 R-10403	205-210	77	1.2				
Z2 R-10404	210-215	25	0.9				

RECEIVED
JUL 1 1989
RENO OFFICE
BATTLE MOUNTAIN, COLORADO