LAB. REPORT NO. _____

BONDAR-CLEGG INC.

12980 W. CEDAR DR., LAKEWOOD, CO. 80228 PHONE: 989-1404 TELEX: 45-693

SAMPLE SHIPMENT NOTICE

Please analyze by { special ☐ assay (%, ore grade) ☐ / normal ☒ geochemical (ppm, trace level) ☒ } methods, the enclosed { prepared ☐ / unprepared ☒ } samples

For types of sample use: R = rock or core D = soil S = stream sediment W = water V = vegetation X = standard
B = lake bottom sediment F = frost boil P = pulp C = concentrate panned

DC = DRILL CUTTINGS

SAMPLE TYPE	NUMBER OF SAMPLES	SAMPLE NUMBERS (SERIES)	ELEMENTS TO BE ANALYZED Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Th	E spec	OTHERS
DC	41	BED-18 40-45 thru 100-105	Cu	Pb	Zn	Mo	X	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	X	As	Hg	Sn	Th	E spec	
		110-115 thru 115-120 135-140	Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Th	E spec	
		thru 140-145-150 155 thru	Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Th	E spec	
		155-160-165 170 thru 175-180	Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Th	E spec	
		185-190 thru 190-195	Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Th	E spec	
		205-210 thru 275-285	Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Th	E spec	
		300-305 (EOH)	Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Th	E spec	
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Th	E spec	
	64	BED-16 0-5 thru 375-379	Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Th	E spec	
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Th	E spec	
	77	BED-20 thru 395	Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Th	E spec	
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Th	E spec	
	42	BED-10 0 thru 230	Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Th	E spec	
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Th	E spec	
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Th	E spec	

Date Shipped 1/12/88 Via Deadwood PRED Lab Prepaid ☐

Parcels in Shipment _____ Collect ☐

Comments: _____

OVERSIZE (COARSE REJECTS) WILL BE DISCARDED UNLESS CHECKED BELOW:

☐ STORE 60 DAYS — THEN RETURN C.O.D. ☐ STORE 60 DAYS — THEN DISCARD.

PULPS—All pulps are stored 1 year, then returned C.O.D.

Results and Invoices To Be Sent To:

Brohm Mining Co.
c/o Jim Barron
P.O. Box 485
Deadwood, SD 57732

☑ Results ☑ Invoice ☐

Brohm Mining Co.
c/o Rod MacLeod
P.O. Box 485
Deadwood, SD 57732

☐ Results ☐ Invoice ☐

Client Project Number _____

CLIENT'S COPY

BED 2

0-10 Qal
10-25 Edh
25-43 Tlp (ASH / ridge former)
43-65 Edh
65-128 Thtp
128-150 Edh
150-250 Sandstones. (Edh)
250-290 Edh
290-300 Thtp
300-335 Edh
335-340 Thtp
340-350 Edh
350-360 Thtp
360-400 Edh

0-5 OXIDE
5-175 SULFIDE
175-185 MIX
185-223 SULFIDE
223-250 MIX
250-400 SULFIDE

~~LOCATION N = 52300~~
~~E = 133305~~
~~ELEV = 4910~~

LAB. REPORT NO. _____

BONDAR-CLEGG INC.

12980 W. CEDAR DR., LAKEWOOD, CO. 80228 PHONE: 989-1404 TELEX: 45-693

SAMPLE SHIPMENT NOTICE

Please analyze by { special ☐ assay (%, ore grade) ☐ / normal ☐ geochemical (ppm, trace level) ☑ } methods, the enclosed { prepared ☐ / unprepared ☑ } samples

For types of sample use: R = rock or core D = soil S = stream sediment W = water V = vegetation X = standard
B = lake bottom sediment F = frost boil P = pulp C = concentrate panned DC = Dell Creek

SAMPLE TYPE	NUMBER OF SAMPLES	SAMPLE NUMBERS (SERIES)	ELEMENTS TO BE ANALYZED Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Th	Espec	OTHERS
DC	72	BCD-07-Dikes 265-270					X											X						
		275-280 HEU 360 365																						
	4	BCS 20-0 thru 20																						
	4	BCS 15-20																						
	6	BCS 17-0-29																						
	5	BCS 15-0-25																						
	10	BCS 10-35																						
		~~BCS-File~~																						
	42	~~BCS-15-20~~																						

Date Shipped 11/15/85 Via Deadwood PR.O'LAR Prepaid ☐

Parcels in Shipment File ~~ASSAYS~~ 115591 Collect ☐

Comments: _____

OVERSIZE (COARSE REJECTS) WILL BE DISCARDED UNLESS CHECKED BELOW:

☐ STORE 60 DAYS — THEN RETURN C.O.D. ☐ STORE 60 DAYS — THEN DISCARD.

PULPS—All pulps are stored 1 year, then returned C.O.D.

Results and Invoices To Be Sent To:

Bohm Mining Co
c/o Jim Bacon
P.O. Box 445 Deadwood
SD 57732

☐ Results ☐
☐ Invoice ☐

Bohm Mining Co
c/o Rob MacLeod
PO Box 445 Deadwood
SD 57732

☐ Results ☐
☐ Invoice ☐

Client Project Number _____

CLIENT'S COPY

Lewis 0-18' - cable tool

Contractor: Taylor 18'-400'
Coordinates: N 51857.6202, E 32993.4558
Project: Gilt Edge - Sulfide
Hole No.: BED-02

Drill Type: Portadrill - air hammer
Casing Depth: 401' PVC (19' surf. casing)
State: SD.
Sheet 1 of 12

Hole Size: 8"
Bearing: ____ Inclination: ____
Date Started: 12-10-87
Property: USFS - Mann

Collar Elev.: 4935.6
Final Depth: 401'
Date Completed: 12-12-87
Hole Surveyed: ____

03

DISTANCE (feet)	GRAPHIC LOGS: ALTERATION (1 Weak, 2 Moderate, 3 Strong)	TOTAL SULFIDES (vol %)	ROCK TYPE & STRUCTURE	DOWN HOLE LOCATION: DISTANCE DOWN HOLE (feet)	ELEVATION	ROCK TYPE	GEOLOGIC NOTES: DESCRIPTION (MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE)	MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinlill, Replacement) / TYPE
						Qal	brn fg - cg. sand & gravel	no visible sulfides
5						Qal	brn - gray sandy clay, sand & gravel	
						shale	dk gry, mod hd, poor fissility, blocky cleavage, sl. contact metamorph.	
10						shale	same as above,	
15						shale	same as above	
20						shale	dk gry, mod. fissile, sl. contact metam.	
25						Limestone	Lt. gry., mod. hd, granular, poss. soly	
30						Sandstone	Lt. gry, massive vfg to silt size, well indur, silica cement, ghost Fe ox stain - prob. frac. zone.	driller said that ~ 1 gal/min or less caving in at about 30'. - probable fracture zone
35								

DRILL CUTTING LOG

Logged by: G. Curtis - ENVECOTECH

Contractor: Taylor
Drill Type: Portadrill - air hammer
Hole Size: 8"
Collar Elev.:
Coordinates:
Casing Depth: 400'
Bearing: Inclination:
Final Depth: 400'
Project: Gilt Edge - Sulfide
State: S.D.
Date Started: 12-10-87
Date Completed:
Hole No.: BED-02
Sheet 2 of 12
Property: USFS - Mann
Hole Surveyed:

DISTANCE (feet)	GRAPHIC LOGS: ALTERATION (1 Weak, 2 Moderate, 3 Strong)	TOTAL SULFIDES (vol %)	ROCK TYPE & STRUCTURE	DOWN HOLE LOCATION: DISTANCE DOWN HOLE (feet)	ELEVATION	ROCK TYPE	GEOLOGIC NOTES: DESCRIPTION (MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE)	MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinlill, Replacement)	TYPE
						Sandstone	Lt. gry, massive, vfg, well indur. silica cement, sub rd. grains ~~40 ft~~	no sign sulfides	
40						Sandstone	gry, vfg, silica cement, sub rd. grains		
45						Sandstone	same as above		
50						Siltstone	dk gry, sl. sdy, sl. carbona,		
55						Siltstone	same as above, some Fe ox stain		
60						Sandstone	gry, v fg calcar., may be a sdy limestone		
65						Porphyry	poss. hornblende porphyry, grn-gry, 6-8% mafics, no visible sulfides		
70									

DRILL CUTTING LOG

Logged by: M. Curtis

Contractor: Taylor
Drill Type: Portadrill - air hammer
Hole Size: 8"
Collar Elev.:
Coordinates:
Casing Depth: 400'
Bearing: Inclination:
Final Depth: 400'
Project: Gilt Edge - Sulfide
State: S.D
Date Started: 12-10-87
Date Completed:
Hole No.: BED-02
Sheet 3 of 12
Property: USFS - Mann
Hole Surveyed:

DISTANCE (feet)	GRAPHIC LOGS: ALTERATION (1 Weak, 2 Moderate, 3 Strong)	TOTAL SULFIDES (vol %)	ROCK TYPE & STRUCTURE	DOWN HOLE LOCATION: DISTANCE DOWN HOLE (feet)	ELEVATION	GEOLOGIC NOTES: ROCK TYPE	DESCRIPTION: MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE	MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinlill, Replacement)	TYPE
70						Porphyry	(poss hornblende porph.) gray. gray to dk. gray gray, 8-10% mafics, no sign sulfide	no sign	sulfides
						-			
75						Porphyry	same as above		
80						Porphyry	same as above		
85						Porphyry	same as above		
90						Porphyry	same as above		
95						Porphyry	same as above		
100						Porphyry	same as above		
105									

DRILL CUTTING LOG

Logged by: G. Curtis

Contractor Taylor | Coordinates | Project Gilt Edge - sulfide | Hole No. BED-02

Drill Type Portadrill | Casing Depth 400' | State S.D | Sheet 4 of 12

Hole Size 8" | Bearing | Inclination | Date Started 12-10-87 | Property USFS - Mann

Collar Elev. | Final Depth 400' | Date Completed | Hole Surveyed

DISTANCE (feet)	GRAPHIC LOGS: ALTERATION (1 Weak, 2 Moderate, 3 Strong)	TOTAL SULFIDES (vol %)	ROCK TYPE & STRUCTURE	DOWN HOLE LOCATION: DISTANCE DOWN HOLE (feet)	ELEVATION	GEOLOGIC NOTES: ROCK TYPE	DESCRIPTION: MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE	MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinlill, Replacement)	TYPE
105						Porphyry	same as above	no sign sulfides	
110						Porphyry	same as above		
115						Porphyry	same as above		
120						Porphyry	same as above		
125						Siltstone?	gray, sl. metam., contact zone w/ porphyry, no sign FeS2	no sign sulfides	
130						Limestone	clastic-granular (poss sdy), gray, no sign sulfides		
135						Limestone	same as above		
140									

DRILL CUTTING LOG

Logged by: R. Curtis

Contractor: Taylor | Coordinates: | Project: Gilt Edge - sulfide | Hole No.: BED-02

Drill Type: Portadrill - air hammer | Casing Depth: 400' | State: S.D. | Sheet 5 of 12

Hole Size: 8" | Bearing: | Inclination: | Date Started: 12-10-87 | Property: USFS - Mann

Collar Elev.: | Final Depth: 400' | Date Completed: | Hole Surveyed:

DISTANCE (feet)	GRAPHIC LOGS: ALTERATION (1 Weak, 2 Moderate, 3 Strong)	TOTAL SULFIDES (vol %)	ROCK TYPE & STRUCTURE	DOWN HOLE LOCATION: DISTANCE DOWN HOLE (feet)	ELEVATION	GEOLOGIC NOTES: ROCK TYPE	DESCRIPTION: MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE	MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinlill, Replacement)	TYPE
140						Limestone	clastic, gry, no sign of sulfides	no sign	sulfide
145						Limestone	as above	no sign	sulfide
150						Sandstone	Lt. pinkish grey, fg, sub rd to sub angl., silica cement (most grains sub. rd.)	1-2% sulfide	FeS2
155						Sandstone	same as above also: 50% Lt. grn, vfg, SS, silica cement	no visible sulfide	
160						Sandstone	Lt. pink. gry to grn gry, fig, sub angular, silica cement	no visible sulfide	
165						Sandstone	Lt. pink gry to grn-gry, fg to vfg, silica cement	< 1% sulfide	FeS2
170						Sandstone	as above, small ant. Fe ox stain	no visible sulfide	
175									

DRILL CUTTING LOG

Logged by: [illegible]

Contractor: Taylor | Coordinates: | Project: Gilt Edge - Sulfide | Hole No.: BED-02

Drill Type: Portadrill | Casing Depth: | State: S.D. | Sheet: 6 of 12

Hole Size: 8" | Bearing: | Inclination: | Date Started: 12-10-87 | Property: USFS - Mann

Collar Elev.: | Final Depth: 400' | Date Completed: | Hole Surveyed:

DISTANCE (feet)	GRAPHIC LOGS: ALTERATION (1 Weak, 2 Moderate, 3 Strong)	TOTAL SULFIDES (vol %)	ROCK TYPE & STRUCTURE	DOWN HOLE LOCATION: DISTANCE DOWN HOLE (feet)	ELEVATION	ROCK TYPE	GEOLOGIC NOTES: DESCRIPTION (MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE)	MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinfill, Replacement) / TYPE
175						Sandstone	Lt. gry to brn, calc ~~to~~ silica cement, f.g., sub rd., some Fe ox. stain	< 1% sulfide, dissem — FeS2
180						Sandstone	Lt. gry f.g. sub ang to sub rd, silica cement - some Fe ox stain	< 1% sulfide, dissem, FeS2
							w/ 10% dk gry argil.? ss., vfg., silica cement	no sulfides visible
185						Sandstone	gry, vfg, ind, silica cement	no visible sulfide
190						Sandstone	as above	
195						Sandstone	as above	
200						Sandstone	gry, grn-gry, pink-gry, vfg w/ 10-15% dk grains, silica cement,	no visible sulfides
205						Sandstone	as above	
210								

DRILL CUTTING LOG

Logged by: M. Curtis