Contractor: TONTO | Coordinates: LANGLEY 2 | Project: GILT EDGE | Hole No.: R88-441

Drill Type: | Casing Depth: | State: SD | Sheet 1 of 2

Hole Size: | Bearing: — | Inclination: 90° | Date Started: 9.7.88 | Property: GILT EDGE

Collar Elev.: | Final Depth: 245' | Date Completed: 9.8.88 | Hole Surveyed: NO

DRILL CUTTING LOG

Logged by:

DISTANCE (feet)	GRAPHIC LOGS: ALTERATION (1 Weak, 2 Moderate, 3 Strong)	TOTAL SULFIDES (vol %)	ROCK CODE	ORE CODE	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	ASSAY Au	ASSAY Ag
			40	3	0-5		cdq	0-35 CAMBRIAN QUARTZITE	0-35 OXIDE			
					20-25							
			10	2			PC	35-245 PRECAMBRIAN SCHIST	35-120 MIXED 1-3% jarosite tr-2% FeOx, tr-1% FeS2			
					45-50							
					70-75							
					95-100							
				1	120-125				120-245 SULFIDE tr FeS2 lies			
					145-150							
					170-175							

Contractor _____ Coordinates _____ Project _____ Hole No. R88-441

Drill Type _____ Casing Depth _____ State _____ Sheet 2 of 2

Hole Size _____ Bearing _____ Inclination _____ Date Started _____ Property _____

Collar Elev. _____ Final Depth _____ Date Completed _____ Hole Surveyed _____

DISTANCE (feet)	GRAPHIC LOGS: ALTERATION (1 Weak, 2 Moderate, 3 Strong) 123	123	123	123	123	123	123	TOTAL SULFIDES (vol %)	ROCK CODE	ORE CODE	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	ASSAY Au	ASSAY Ag
									10	1	175-180		PC					
											195-200							
											220-225							
											240-245							
														HOLE TD @ 245'				

DRILL CUTTING LOG

Logged by: _____

Bondar-Clegg, Inc.
12980 West Cedar Dr.
Lakewood, Colorado 80228
(303) 989-1404

BC
BONDAR-CLEGG

Geochemical Lab Report

BROHM MINING CORP.
MR. JIM BARRON
P.O. BOX 485
DEADWOOD, SD
57732

Bondar-Clegg, Inc.
12980 West Cedar Dr.
Lakewood, Colorado 80228
(303) 989-1404

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 098-1052 (COMPLETE)

REFERENCE INFO: NONE LISTED

CLIENT: BROHM MINING CORP.
PROJECT: GILT EDGE

SUBMITTED BY: J. BARRON
DATE PRINTED: 10-OCT-88

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold	49	0.002 OPT		Fire Assay

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	49	2 -150	49	Assay Prep	49
				Sample Pickup	1

REMARKS: SAMPLE 245-250 WAS NOT RECEIVED WITH THE SAMPLE SHIPMENT.

FINAL RESULTS ARE REPORTED.

REPORT COPIES TO: MR. JIM BARRON
MR. JIM BARRON

INVOICE TO: MR. JIM BARRON

Bondar-Clegg, Inc.
12980 West Cedar Dr.
Lakewood, Colorado 80228
(303) 989-1404

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 098-1052

PROJECT: GILT EDGE

SAMPLE NUMBER	ELEMENT UNITS	Au OPT
D2 R88-441-0-5		0.065
D2 R88-441-5-10		<0.002
D2 R88-441-10-15		<0.002
D2 R88-441-15-20		0.003
D2 R88-441-20-25		<0.002
D2 R88-441-25-30		<0.002
D2 R88-441-30-35		<0.002
D2 R88-441-35-40		<0.002
D2 R88-441-40-45		<0.002
D2 R88-441-45-50		<0.002
D2 R88-441-50-55		0.005
D2 R88-441-55-60		<0.002
D2 R88-441-60-65		<0.002
D2 R88-441-65-70		<0.002
D2 R88-441-70-75		<0.002
D2 R88-441-75-80		<0.002
D2 R88-441-80-85		<0.002
D2 R88-441-85-90		<0.002
D2 R88-441-90-95		<0.002
D2 R88-441-95-100		<0.002
D2 R88-441-100-105		<0.002
D2 R88-441-105-110		<0.002
D2 R88-441-110-115		<0.002
D2 R88-441-115-120		<0.002
D2 R88-441-120-125		<0.002
D2 R88-441-125-130		<0.002
D2 R88-441-130-135		<0.002
D2 R88-441-135-140		<0.002
D2 R88-441-140-145		<0.002
D2 R88-441-145-150		<0.002
D2 R88-441-150-155		<0.002
D2 R88-441-155-160		<0.002
D2 R88-441-160-165		<0.002
D2 R88-441-165-170		<0.002
D2 R88-441-170-175		<0.002
D2 R88-441-175-180		<0.002
D2 R88-441-180-185		<0.002
D2 R88-441-185-190		<0.002
D2 R88-441-190-195		<0.002
D2 R88-441-195-200		0.006
D2 R88-441-200-205		0.005
D2 R88-441-205-210		0.003
D2 R88-441-210-215		0.005
D2 R88-441-215-220		0.004
D2 R88-441-220-225		<0.002
D2 R88-441-225-230		<0.002
D2 R88-441-230-235		<0.002
D2 R88-441-235-240		<0.002
D2 R88-441-240-245		<0.002

BC
BONDAR-CLEGG

Bondar-Clegg, Inc.
12980 West Cedar Dr.
Lakewood, Colorado 80228
(303) 989-1404

Invoice : 12934, Page 1

BROHM MINING CORP.
MR. JIM BARRON
P.O. BOX 485
DEADWOOD, SD
57732

Date : 12-OCT-88

Report No: 098-1052
Project : GILT EDGE
Reference: NONE LISTED

49 Analyses of Gold	at $ 6.50	$ 318.50	
Subtotal		$ 318.50	$ 318.50
Sample Preparation			
49 Samples of Assay Prep	at $ 3.00	$ 147.00	
1 Sample of Sample Pickup	at $12.00	$ 12.00	
Subtotal		$ 159.00	$ 159.00
Miscellaneous Charges			
4% S.D. STATE SALES TAX		$ 4.40	
2% DEADWOOD CITY SALES TAX		$ 2.20	
Subtotal		$ 6.60	$ 6.60
Invoice Total:			$ 484.10 U.S.

D88-441 (0-245)

THIS IS A PROFESSIONAL SERVICE
ACCOUNTS DUE WHEN RENDERED

```
"TITLE 10-10-88 09:46:59 098-1052   J. BARRON            13/09/88"
"CLIENT BROHM MINING CORP.                                 "
"PROJECT GILT EDGE       #SAMPLES:   49 REFERENCE: NONE LISTED                    "
"SPECIAL VALUES"
"  IS Insufficient Sample"
"  -9 No Value Recorded"
" Values above the upper limit are shown as  +uplimt"
" Values below the lower limit are shown as  -lolmt   (ie not detected)"
"DETERMINATIONS"
"     ELNAME METHO ECO UNI #SAM LOLMT UPLIMT COMMENTS"
"  01 Au     FA        OPT   49 0.002 99.999 Results Reported     "
"SAMPLE PREPS"
"  40 SAMPLE TYPE=D      DRILL CORE          "
"  41 P17=  49           Assay Prep          "
"  42 P23=   1           Sample Pickup       "
"REMARKS"
"  50 SAMPLE 245-250 WAS NOT RECEIVED WITH THE SAMPLE"
"  51 SHIPMENT.                                       "
"  52 FINAL RESULTS ARE REPORTED.                     "
"*****"
"FORMAT (A8,1X,A1,A1,1X,A20,1(1X,A7,A1))"
"BEGIN " "Type" "Frac" "Sample ID"          "    Au"
"10520001" "D" "2" "R88-441-0-5          "    0.065
"10520002" "D" "2" "R88-441-5-10         "   -0.002
"10520003" "D" "2" "R88-441-10-15        "   -0.002
"10520006" "D" "2" "R88-441-15-20        "    0.003
"10520007" "D" "2" "R88-441-20-25        "   -0.002
"10520008" "D" "2" "R88-441-25-30        "   -0.002
"10520009" "D" "2" "R88-441-30-35        "   -0.002
"10520010" "D" "2" "R88-441-35-40        "   -0.002
"10520011" "D" "2" "R88-441-40-45        "   -0.002
"10520012" "D" "2" "R88-441-45-50        "   -0.002
"10520013" "D" "2" "R88-441-50-55        "    0.005
"10520014" "D" "2" "R88-441-55-60        "   -0.002
"10520015" "D" "2" "R88-441-60-65        "   -0.002
"10520016" "D" "2" "R88-441-65-70        "   -0.002
"10520017" "D" "2" "R88-441-70-75        "   -0.002
"10520018" "D" "2" "R88-441-75-80        "   -0.002
"10520019" "D" "2" "R88-441-80-85        "   -0.002
"10520020" "D" "2" "R88-441-85-90        "   -0.002
"10520021" "D" "2" "R88-441-90-95        "   -0.002
"10520022" "D" "2" "R88-441-95-100       "   -0.002
"10520023" "D" "2" "R88-441-100-105      "   -0.002
"10520024" "D" "2" "R88-441-105-110      "   -0.002
"10520025" "D" "2" "R88-441-110-115      "   -0.002
"10520026" "D" "2" "R88-441-115-120      "   -0.002
"10520027" "D" "2" "R88-441-120-125      "   -0.002
"10520028" "D" "2" "R88-441-125-130      "   -0.002
"10520031" "D" "2" "R88-441-130-135      "   -0.002
"10520032" "D" "2" "R88-441-135-140      "   -0.002
"10520033" "D" "2" "R88-441-140-145      "   -0.002
"10520034" "D" "2" "R88-441-145-150      "   -0.002
"10520035" "D" "2" "R88-441-150-155      "   -0.002
"10520036" "D" "2" "R88-441-155-160      "   -0.002
"10520037" "D" "2" "R88-441-160-165      "   -0.002
"10520038" "D" "2" "R88-441-165-170      "   -0.002
"10520039" "D" "2" "R88-441-170-175      "   -0.002
"10520040" "D" "2" "R88-441-175-180      "   -0.002
"10520041" "D" "2" "R88-441-180-185      "   -0.002
"10520042" "D" "2" "R88-441-185-190      "   -0.002
"10520043" "D" "2" "R88-441-190-195      "   -0.002
"10520044" "D" "2" "R88-441-195-200      "    0.006
"10520045" "D" "2" "R88-441-200-205      "    0.005
"10520046" "D" "2" "R88-441-205-210      "    0.003
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"10520047" "D" "2" "R88-441-210-215      "    0.005
"10520048" "D" "2" "R88-441-215-220      "    0.004
"10520049" "D" "2" "R88-441-220-225      "   -0.002
"10520050" "D" "2" "R88-441-225-230      "   -0.002
"10520051" "D" "2" "R88-441-230-235      "   -0.002
"10520052" "D" "2" "R88-441-235-240      "   -0.002
"10520053" "D" "2" "R88-441-240-245      "   -0.002
"END"
```

.225
3.68
4.62
.7
2.48
.105
.145
.5
12.455

.13
.45
.10
.10
.105
1.65
2.535

```
"TITLE 25-10-88 14:15:50 098-1055   J. BARRON              13/09/88"
"CLIENT BROHM MINING CORP.                                   "
"PROJECT NONE LISTED     #SAMPLES:   63 REFERENCE: NONE LISTED                    "
"SPECIAL VALUES"
"  IS Insufficient Sample"
"  -9 No Value Recorded"
" Values above the upper limit are shown as  +uplimt"
" Values below the lower limit are shown as  -lolmt   (ie not detected)"
"DETERMINATIONS"
"     ELNAME METHO ECO UNI #SAM LOLMT UPLIMT COMMENTS"
"  01 Au     FA         OPT   63 0.002 99.999 Results Reported     "
"  02 Au     FA         OPT    1 0.002 99.999 Results Reported     "
"  03 Au     FA         OPT    1 0.002 30.000 Results Reported     "
"SAMPLE PREPS"
"  40 SAMPLE TYPE=D      DRILL CORE          "
"  41 P17=  63           Assay Prep          "
"  42 P23=   1           Sample Pickup       "
"REMARKS"
"  50 FINAL RESULTS ARE REPORTED.                          "
"  51 3 SEPARATE ASSAY RESULTS REPORTED FOR ONE            "
"  52 SAMPLE.                                              "
"  53 THIS REPORT HAS BEEN TRANSMITTED PREVIOUSLY          "
"  54 WITH THE SEPARATE ASSAY RESULTS NOTED IN THIS        "
"  55 COMMENT SECTION BUT NOT ON THE MAIN REPORT           "
"  56 ITSELF.                                              "
"*****"
"FORMAT (A8,1X,A1,A1,1X,A20,3(1X,A7,A1))"
"BEGIN " "Type" "Frac" "Sample ID"          "    Au" "    Au" "    Au"
"10550001" "D" "2" "R88-442-0-5          "    0.020      -9        -9
"10550002" "D" "2" "R88-442-5-10         "    0.019      -9        -9
"10550003" "D" "2" "R88-442-10-15        "    0.019      -9        -9
"10550004" "D" "2" "R88-442-15-20        "    0.011      -9        -9
"10550005" "D" "2" "R88-442-20-25        "    0.010      -9        -9
"10550006" "D" "2" "R88-442-25-30        "    0.010      -9        -9
"10550009" "D" "2" "R88-442-30-35        "    0.029      -9        -9
"10550010" "D" "2" "R88-442-35-40        "    0.073      -9        -9
"10550011" "D" "2" "R88-442-40-45        "    0.082      -9        -9
"10550012" "D" "2" "R88-442-45-50        "    0.034      -9        -9
"10550013" "D" "2" "R88-442-50-55        "    0.024      -9        -9
"10550014" "D" "2" "R88-442-55-60        "    0.020      -9        -9
"10550015" "D" "2" "R88-442-60-65        "    0.051      -9        -9
"10550016" "D" "2" "R88-442-65-70        "    0.069   0.009     0.089
"10550017" "D" "2" "R88-442-70-75        "    0.030      -9        -9
"10550018" "D" "2" "R88-442-75-80        "    0.013-     -9        -9
"10550019" "D" "2" "R88-442-80-85        "    0.054      -9        -9
"10550020" "D" "2" "R88-442-85-90        "    0.030      -9        -9
"10550021" "D" "2" "R88-442-90-95        "    0.020      -9        -9
"10550022" "D" "2" "R88-442-95-100       "    0.005      -9        -9
"10550023" "D" "2" "R88-442-100-105      "    0.008      -9        -9
"10550024" "D" "2" "R88-442-105-110      "    0.010      -9        -9
"10550025" "D" "2" "R88-442-110-115      "    0.016      -9        -9
"10550026" "D" "2" "R88-442-115-120      "    0.007      -9        -9
"10550027" "D" "2" "R88-442-120-125      "    0.028      -9        -9
"10550028" "D" "2" "R88-442-125-130      "    0.030      -9        -9
"10550029" "D" "2" "R88-442-130-135      "    0.014-     -9        -9
"10550030" "D" "2" "R88-442-135-140      "    0.037      -9        -9
"10550031" "D" "2" "R88-442-140-145      "    0.022      -9        -9
"10550034" "D" "2" "R88-442-145-150      "    0.072      -9        -9
"10550035" "D" "2" "R88-442-150-155      "    0.010-     -9        -9
"10550036" "D" "2" "R88-442-155-160      "    0.018-     -9        -9
"10550037" "D" "2" "R88-442-160-165      "    0.021      -9        -9
"10550038" "D" "2" "R88-442-165-170      "    0.013-     -9        -9
```

30-95
65'@
.041
AVE = .056
120-200
80'@
.029

"10550039"	"D"	"2"	"R88-442-170-175	"	0.020	-9	-9	
"10550040"	"D"	"2"	"R88-442-175-180	"	0.066	-9	-9	
"10550041"	"D"	"2"	"R88-442-180-185	"	0.029	-9	-9	
"10550042"	"D"	"2"	"R88-442-185-190	"	0.019	-9	-9	
"10550043"	"D"	"2"	"R88-442-190-195	"	0.044	-9	-9	
"10550044"	"D"	"2"	"R88-442-195-200	"	0.024	-9	-9	
"10550045"	"D"	"2"	"R88-442-200-205	"	0.009	-9	-9	
"10550046"	"D"	"2"	"R88-442-205-210	"	0.006	-9	-9	
"10550047"	"D"	"2"	"R88-442-210-215	"	0.002	-9	-9	
"10550048"	"D"	"2"	"R88-442-215-220	"	0.005	-9	-9	
"10550049"	"D"	"2"	"R88-442-220-225	"	0.015	-9	-9	
"10550050"	"D"	"2"	"R88-442-225-230	"	0.011	-9	-9	
"10550051"	"D"	"2"	"R88-442-230-235	"	0.014	-9	-9	
"10550052"	"D"	"2"	"R88-442-235-240	"	0.006	-9	-9	
"10550053"	"D"	"2"	"R88-442-240-245	"	0.022	-9	-9	5'@
"10550054"	"D"	"2"	"R88-442-245-250	"	0.006	-9	-9	
"10550055"	"D"	"2"	"R88-442-250-255	"	-0.002	-9	-9	
"10550056"	"D"	"2"	"R88-442-255-260	"	0.004	-9	-9	
"10550059"	"D"	"2"	"R88-442-260-265	"	-0.002	-9	-9	
"10550060"	"D"	"2"	"R88-442-265-270	"	-0.002	-9	-9	
"10550061"	"D"	"2"	"R88-442-270-275	"	-0.002	-9	-9	
"10550062"	"D"	"2"	"R88-442-275-280	"	0.005	-9	-9	
"10550063"	"D"	"2"	"R88-442-280-285	"	0.013	-9	-9	
"10550064"	"D"	"2"	"R88-442-285-290	"	0.009	-9	-9	
"10550065"	"D"	"2"	"R88-442-290-295	"	0.059	-9	-9	290-340
"10550066"	"D"	"2"	"R88-442-295-300	"	0.042	-9	-9	
"10550067"	"D"	"2"	"R88-442-300-305	"	-0.002	-9	-9	50'@
"10550068"	"D"	"2"	"R88-442-305-310	"	0.024	-9	-9	
"10550069"	"D"	"2"	"R88-442-310-315	"	0.013	-9	-9	.024

"END"

```
"TITLE 21-10-88 10:06:27 098-1058   J. BARRON            14/09/88"
"CLIENT BROHM MINING CORP.                                 "
"PROJECT NONE LISTED     #SAMPLES:   26 REFERENCE: NONE LISTED                    "
"SPECIAL VALUES"
"  IS Insufficient Sample"
"  -9 No Value Recorded"
" Values above the upper limit are shown as  +uplimt"
" Values below the lower limit are shown as  -lolmt   (ie not detected)"
"DETERMINATIONS"
"     ELNAME METHO ECO UNI #SAM LOLMT UPLIMT COMMENTS"
"  01 Au     FA        OPT   26 0.002 99.999 Results Reported     "
"  02 Au     FA        OPT    1 0.002 99.999 Results Reported     "
"SAMPLE PREPS"
"  40 SAMPLE TYPE=D      DRILL CORE          "
"  41 P17=  26           Assay Prep          "
"  42 P64= 559           Excessive Wetness   "
"  43 P23=   1           Sample Pickup       "
"REMARKS"
"  50 FINAL RESULTS ARE REPORTED.  2 SEPARATE RESULTS"
"  51 ARE REPORTED FOR ONE SAMPLE.                    "
"*****"
"FORMAT (A8,1X,A1,A1,1X,A20,2(1X,A7,A1))"
"BEGIN " "Type" "Frac" "Sample ID"          "    Au" "    Au"
"10580001" "D" "2" "R88-442-315-320     "    0.035      -9
"10580002" "D" "2" "R88-442-320-325     "    0.027      -9
"10580003" "D" "2" "R88-442-325-330     "    0.010      -9
"10580004" "D" "2" "R88-442-330-335     "    0.007      -9
"10580005" "D" "2" "R88-442-335-340     "    0.021      -9
"10580006" "D" "2" "R88-442-340-345     "    0.005      -9
"10580007" "D" "2" "R88-442-345-350     "    0.006      -9
"10580008" "D" "2" "R88-442-350-355     "    0.003      -9
"10580009" "D" "2" "R88-442-355-360     "    0.082   0.059
"10580012" "D" "2" "R88-442-360-365     "    0.005      -9
"10580013" "D" "2" "R88-442-365-370     "    0.012      -9
"10580014" "D" "2" "R88-442-370-375     "    0.010      -9
"10580015" "D" "2" "R88-442-375-380     "    0.005      -9
"10580016" "D" "2" "R88-442-380-385     "    0.002      -9
"10580017" "D" "2" "R88-442-385-390     "    0.003      -9
"10580018" "D" "2" "R88-442-390-395     "    0.004      -9
"10580019" "D" "2" "R88-442-395-400     "    0.007      -9
"10580020" "D" "2" "R88-442-400-405     "   -0.002      -9
"10580021" "D" "2" "R88-442-405-410     "   -0.002      -9
"10580022" "D" "2" "R88-442-410-415     "   -0.002      -9
"10580023" "D" "2" "R88-442-415-420     "    0.007      -9
"10580024" "D" "2" "R88-442-420-425     "    0.005      -9
"10580025" "D" "2" "R88-442-425-430     "   -0.002      -9
"10580026" "D" "2" "R88-442-430-435     "   -0.002      -9
"10580027" "D" "2" "R88-442-435-440     "    0.008      -9
"10580028" "D" "2" "R88-442-440-445     "    0.012      -9
"END"
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2.6
2.32
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1.2
.355