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

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: 098-1612 (COMPLETE)

REFERENCE INFO: NONE LISTED

CLIENT: BROHM MINING CORP.
PROJECT: NONE LISTED

SUBMITTED BY: J. BARRON
DATE PRINTED: 16-DEC-88

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold	46	0.002 OPT		Fire Assay

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	46	2 -150	46	Assay Prep	46
				Sample Pickup	1

REMARKS: 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: 098-1612

PROJECT: NONE LISTED

SAMPLE NUMBER	ELEMENT UNITS	Au OPT
D2 R88-519-0-5		0.011
D2 R88-519-5-10		0.015
D2 R88-519-10-15		0.013
D2 R88-519-15-20		0.016
D2 R88-519-20-25		0.015
D2 R88-519-25-30		0.009
D2 R88-519-30-35		0.012
D2 R88-519-35-40		0.044
D2 R88-519-40-45		0.017
D2 R88-519-45-50		0.010
D2 R88-519-50-55		0.017
D2 R88-519-55-60		0.012
D2 R88-519-60-65		0.017
D2 R88-519-65-70		0.009
D2 R88-519-70-75		0.008
D2 R88-519-75-80		0.007
D2 R88-519-80-85		0.004
D2 R88-519-85-90		0.008
D2 R88-519-90-95		0.006
D2 R88-519-95-100		0.077
D2 R88-519-100-105		0.010
D2 R88-519-105-110		0.006
D2 R88-519-110-115		0.006
D2 R88-519-115-120		0.004
D2 R88-519-120-125		0.005
D2 R88-519-125-130		0.006
D2 R88-519-130-135		0.010
D2 R88-519-135-140		0.023
D2 R88-519-140-145		0.011
D2 R88-519-145-150		0.013
D2 R88-519-150-155		0.012
D2 R88-519-155-160		0.012
D2 R88-519-160-165		0.007
D2 R88-519-165-170		0.007
D2 R88-519-170-175		0.006
D2 R88-519-175-180		0.012
D2 R88-519-180-185		0.024
D2 R88-519-185-190		0.011
D2 R88-519-190-195		0.012
D2 R88-519-195-200		0.010
D2 R88-519-200-205		0.011
D2 R88-519-205-210		0.008
D2 R88-519-210-215		0.009
D2 R88-519-215-220		0.010
D2 R88-519-220-225		0.020
D2 R88-519-225-230		0.015

RECEIVED
DEC 27 1988
OHM MINING CO.

BC
BONDAR-CLEGG

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

Invoice : 13495, Page 1

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

Date : 23-DEC-88

Report No: 098-1612
Project : NONE LISTED
Reference: NONE LISTED

---

46 Analyses of Gold	at $ 6.50	$ 299.00	
Subtotal		$ 299.00	$ 299.00
Sample Preparation			
46 Samples of Assay Prep	at $ 3.00	$ 138.00	
1 Sample of Sample Pickup	at $12.00	$ 12.00	
Subtotal		$ 150.00	$ 150.00
Miscellaneous Charges			
4% S.D. STATE SALES TAX		$ 4.16	
2% DEADWOOD CITY SALES TAX		$ 2.08	
Subtotal		$ 6.24	$ 6.24
Invoice Total:			$ 455.24 U.S.

R85-519 (0-230)

THIS IS A PROFESSIONAL SERVICE
ACCOUNTS DUE WHEN RENDERED

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: 098-1611 (COMPLETE)

REFERENCE INFO: NONE LISTED

CLIENT: BROHM MINING CORP.
PROJECT: NONE LISTED

SUBMITTED BY: J. BARRON
DATE PRINTED: 21-DEC-88

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold	51	0.002 OPT		Fire Assay

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	51	2 -150	51	Assay Prep	51
				Excessive Wetness	1644
				Sample Pickup	1

REMARKS: 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: 098-1611

PROJECT: NONE LISTED

SAMPLE NUMBER	ELEMENT UNITS	Au OPT
D2 R88-519-230-235		0.014
D2 R88-519-235-240		0.013
D2 R88-519-240-245		0.125
D2 R88-519-245-250		0.031
D2 R88-519-250-255		0.034
D2 R88-519-255-260		0.035
D2 R88-519-260-265		0.009
D2 R88-519-265-270		0.035
D2 R88-519-270-275		0.013
D2 R88-519-275-280		0.020
D2 R88-519-280-285		0.032
D2 R88-519-285-290		0.041
D2 R88-519-290-295		0.028
D2 R88-519-295-300		0.019
D2 R88-519-300-305		0.010
D2 R88-519-305-310		0.008
D2 R88-519-310-315		0.011
D2 R88-519-315-320		0.004
D2 R88-519-320-325		0.003
D2 R88-519-325-330		0.003
D2 R88-519-330-335		0.023
D2 R88-519-335-340		0.027
D2 R88-519-340-345		0.008
D2 R88-519-345-350		0.050
D2 R88-519-350-355		0.066
D2 R88-519-355-360		0.016
D2 R88-519-360-365		0.009
D2 R88-519-365-370		0.013
D2 R88-519-370-375		0.011
D2 R88-519-375-380		0.021
D2 R88-519-380-385		0.025
D2 R88-519-385-390		0.035
D2 R88-519-390-395		0.040
D2 R88-519-395-400		0.021
D2 R88-519-400-405		0.014
D2 R88-519-405-410		0.063
D2 R88-519-410-415		0.060
D2 R88-519-415-420		0.014
D2 R88-519-420-425		0.008
D2 R88-519-425-430		0.009
D2 R88-519-430-435		0.010
D2 R88-519-435-440		0.008
D2 R88-519-440-445		0.004
D2 R88-519-445-450		0.007
D2 R88-519-450-455		0.006
D2 R88-519-455-460		0.053
D2 R88-519-460-465		0.011
D2 R88-519-465-470		0.010
D2 R88-519-470-475		0.015
D2 R88-519-475-480		0.010
D2 R88-519-480-485		0.021

BROHM MINING CO
DEC 5 1988
RECEIVED

RECEIVED
DEC 27 1988
BROHM MINING CO.

BC
BONDAR-CLEGG

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

Invoice : 13479, Page 1

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

Date : 23-DEC-88

Report No: 098-1611
Project : NONE LISTED
Reference: NONE LISTED

---

51 Analyses of Gold	at $ 6.50	$ 331.50	
Subtotal		$ 331.50	$ 331.50
Sample Preparation			
51 Samples of Assay Prep	at $ 3.00	$ 153.00	
1644 Samples of Excessive Wetness	at $ 0.15	$ 246.60	
1 Sample of Sample Pickup	at $12.00	$ 12.00	
Subtotal		$ 411.60	$ 411.60
Miscellaneous Charges			
4% S.D. STATE SALES TAX		$ 14.42	
2% DEADWOOD CITY SALES TAX		$ 7.21	
Subtotal		$ 21.63	$ 21.63
Invoice Total:			$ 764.73 U.S.

K88-519 (230-485)

THIS IS A PROFESSIONAL SERVICE
ACCOUNTS DUE WHEN RENDERED

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

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: 098-1618 (COMPLETE)

REFERENCE INFO: NONE LISTED

CLIENT: BROHM MINING CORP.
PROJECT: NONE LISTED

SUBMITTED BY: J. BARRON
DATE PRINTED: 23-DEC-88

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold	60	0.002 OPT		Fire Assay

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	60	2 -150	60	Assay Prep	60
				Excessive Wetness	1603
				Sample Pickup	1

REMARKS: 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: 098-1618

PROJECT: NONE LISTED

SAMPLE NUMBER	ELEMENT UNITS	Au OPT
D2 R88-519-485-490		0.051
D2 R88-519-490-495		0.016
D2 R88-519-495-500		0.013
D2 R88-519-500-505		0.015
D2 R88-519-505-510		0.056
D2 R88-519-510-515		0.019
D2 R88-519-515-520		0.011
D2 R88-519-520-525		0.026
D2 R88-519-525-530		0.012
D2 R88-519-530-535		0.008
D2 R88-519-535-540		0.020
D2 R88-519-540-545		0.011
D2 R88-519-545-550		0.064
D2 R88-519-550-555		0.029
D2 R88-519-555-560		0.005
D2 R88-519-560-565		0.008
D2 R88-519-565-570		0.053
D2 R88-519-570-575		0.012
D2 R88-519-575-580		0.008
D2 R88-519-580-585		0.006
D2 R88-519-585-590		0.008
D2 R88-519-590-595		0.007
D2 R88-519-595-600		0.008
D2 R88-519-600-605		0.013
D2 R88-519-605-610		0.012
D2 R88-519-610-615		0.015
D2 R88-519-615-620		0.012
D2 R88-519-620-625		0.014
D2 R88-519-625-630		0.013
D2 R88-519-630-635		0.004
D2 R88-519-635-640		0.009
D2 R88-519-640-645		0.006
D2 R88-519-645-650		0.006
D2 R88-519-650-655		0.012
D2 R88-519-655-660		0.005
D2 R88-519-660-665		0.056
D2 R88-519-665-670		0.010
D2 R88-519-670-675		0.010
D2 R88-519-675-680		0.014
D2 R88-519-680-685		0.013
D2 R88-519-685-690		0.004
D2 R88-519-690-695		0.005
D2 R88-519-695-700		0.008
D2 R88-519-700-705		0.005
D2 R88-519-705-710		0.002
D2 R88-519-710-715		0.003
D2 R88-519-715-720		0.010
D2 R88-519-720-725		0.007
D2 R88-519-725-730		0.011
D2 R88-519-730-735		0.027
D2 R88-519-735-740		0.013
D2 R88-519-740-745		0.009
D2 R88-519-745-750		0.017
D2 R88-519-750-755		0.010
D2 R88-519-755-760		0.010
D2 R88-519-760-765		0.006
D2 R88-519-765-770		0.013
D2 R88-519-770-775		0.012
D2 R88-519-775-780		0.017
D2 R88-519-780-785		0.016

RECEIVED

RECEIVED
DEC 27 1988
BROHM MINING CO.

BC
BONDAR-CLEGG

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

Invoice : 13459, Page 1

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

Date : 23-DEC-88

Report No: 098-1618
Project : NONE LISTED
Reference: NONE LISTED

---

60 Analyses of Gold	at $ 6.50	$ 390.00	
Subtotal		$ 390.00	$ 390.00
Sample Preparation			
60 Samples of Assay Prep	at $ 3.00	$ 180.00	
1603 Samples of Excessive Wetness	at $ 0.15	$ 240.45	
1 Sample of Sample Pickup	at $12.00	$ 12.00	
Subtotal		$ 432.45	$ 432.45
Miscellaneous Charges			
4% S.D. STATE SALES TAX		$ 14.90	
2% DEADWOOD CITY SALES TAX		$ 7.45	
Subtotal		$ 22.35	$ 22.35
Invoice Total:			$ 844.80 U.S.

K88-519 (485-785)

THIS IS A PROFESSIONAL SERVICE
ACCOUNTS DUE WHEN RENDERED

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

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: 098-1619 (COMPLETE)

REFERENCE INFO: NONE LISTED

CLIENT: BROHM MINING CORP.
PROJECT: NONE LISTED

SUBMITTED BY: J. BARRON
DATE PRINTED: 21-DEC-88

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold	23	0.002 OPT		Fire Assay

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	23	2 -150	23	Assay Prep	23
				Excessive Wetness	404

REMARKS: 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: 098-1619

PROJECT: NONE LISTED

SAMPLE NUMBER	ELEMENT UNITS	Au OPT
D2 R88-519-785-790		0.056
D2 R88-519-790-795		0.011
D2 R88-519-795-800		0.011
D2 R88-519-800-805		0.026
D2 R88-519-805-810		0.016
D2 R88-519-810-815		0.022
D2 R88-519-815-820		0.017
D2 R88-519-820-825		0.008
D2 R88-519-825-830		0.019
D2 R88-519-830-835		0.043
D2 R88-519-835-840		0.008
D2 R88-519-840-845		0.017
D2 R88-519-845-850		0.009
D2 R88-519-850-855		0.006
D2 R88-519-855-860		0.006
D2 R88-519-860-865		0.006
D2 R88-519-865-870		0.025
D2 R88-519-870-875		0.013
D2 R88-519-875-880		0.027
D2 R88-519-880-885		0.014
D2 R88-519-885-890		0.050
D2 R88-519-890-895		0.008
D2 R88-519-895-900		0.008

RECEIVED
DEC 27 1988
OHM MINING CO.

BC
BONDAR-CLEGG

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

Invoice : 13496, Page 1

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

Date : 23-DEC-88

Report No: 098-1619
Project : NONE LISTED
Reference: NONE LISTED

Cu 123 Analyses of Gold	at $ 6.50	$ 149.50	
Subtotal		$ 149.50	$ 149.50
Sample Preparation			
23 Samples of Assay Prep	at $ 3.00	$ 69.00	
404 Samples of Excessive Wetness	at $ 0.15	$ 60.60	
Subtotal		$ 129.60	$ 129.60
Miscellaneous Charges			
4% S.D. STATE SALES TAX		$ 4.26	
2% DEADWOOD CITY SALES TAX		$ 2.13	
Subtotal		$ 6.39	$ 6.39
Invoice Total:			$ 285.49 U.S.

R88-519 (785 - 900)

THIS IS A PROFESSIONAL SERVICE
ACCOUNTS DUE WHEN RENDERED

```
"TITLE 16-12-88 09:22:03 098-1612   J. BARRON            03/12/88"
"CLIENT BROHM MINING CORP.                                "
"PROJECT NONE LISTED     #SAMPLES:   46 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   46 0.002 99.999 Results Reported     "
"SAMPLE PREPS"
"  40 SAMPLE TYPE=D      DRILL CORE          "
"  41 P17=  46           Assay Prep          "
"  42 P23=   1           Sample Pickup       "
"REMARKS"
"  50 FINAL RESULTS ARE REPORTED.                          "
"****"
"FORMAT (A8,1X,A1,A1,1X,A20,1(1X,A7,A1))"
"BEGIN " "Type" "Frac" "Sample ID"          "    Au"
"16120001" "D" "2" "R88-519-0-5          "    0.011
"16120002" "D" "2" "R88-519-5-10         "    0.015
"16120003" "D" "2" "R88-519-10-15        "    0.013
"16120005" "D" "2" "R88-519-15-20        "    0.016
"16120006" "D" "2" "R88-519-20-25        "    0.015
"16120007" "D" "2" "R88-519-25-30        "    0.009
"16120008" "D" "2" "R88-519-30-35        "    0.012
"16120009" "D" "2" "R88-519-35-40        "    0.044 — 5'
"16120010" "D" "2" "R88-519-40-45        "    0.017
"16120011" "D" "2" "R88-519-45-50        "    0.010
"16120012" "D" "2" "R88-519-50-55        "    0.017
"16120013" "D" "2" "R88-519-55-60        "    0.012
"16120014" "D" "2" "R88-519-60-65        "    0.017
"16120015" "D" "2" "R88-519-65-70        "    0.009
"16120016" "D" "2" "R88-519-70-75        "    0.008
"16120017" "D" "2" "R88-519-75-80        "    0.007
"16120018" "D" "2" "R88-519-80-85        "    0.004
"16120019" "D" "2" "R88-519-85-90        "    0.008
"16120020" "D" "2" "R88-519-90-95        "    0.006
"16120021" "D" "2" "R88-519-95-100       "    0.077 — 5'
"16120022" "D" "2" "R88-519-100-105      "    0.010
"16120023" "D" "2" "R88-519-105-110      "    0.006
"16120024" "D" "2" "R88-519-110-115      "    0.006
"16120025" "D" "2" "R88-519-115-120      "    0.004
"16120026" "D" "2" "R88-519-120-125      "    0.005
"16120027" "D" "2" "R88-519-125-130      "    0.006
"16120028" "D" "2" "R88-519-130-135      "    0.010
"16120030" "D" "2" "R88-519-135-140      "    0.023 — 5'
"16120031" "D" "2" "R88-519-140-145      "    0.011
"16120032" "D" "2" "R88-519-145-150      "    0.013
"16120033" "D" "2" "R88-519-150-155      "    0.012
"16120034" "D" "2" "R88-519-155-160      "    0.012
"16120035" "D" "2" "R88-519-160-165      "    0.007
"16120036" "D" "2" "R88-519-165-170      "    0.007
"16120037" "D" "2" "R88-519-170-175      "    0.006
"16120038" "D" "2" "R88-519-175-180      "    0.012
"16120039" "D" "2" "R88-519-180-185      "    0.024 — 5'
"16120040" "D" "2" "R88-519-185-190      "    0.011
"16120041" "D" "2" "R88-519-190-195      "    0.012
"16120042" "D" "2" "R88-519-195-200      "    0.010
"16120043" "D" "2" "R88-519-200-205      "    0.011
```

"16120043"	"D"	"2"	"R88-519-200-205	"	0.011
"16120044"	"D"	"2"	"R88-519-205-210	"	0.008
"16120045"	"D"	"2"	"R88-519-210-215	"	0.009
"16120046"	"D"	"2"	"R88-519-215-220	"	0.010
"16120047"	"D"	"2"	"R88-519-220-225	"	0.020
"16120048"	"D"	"2"	"R88-519-225-230	"	0.015

"END"

```
"TITLE 21-12-88 08:30:33 098-1611   J. BARRON            03/12/88"
"CLIENT BROHM MINING CORP.                                  "
"PROJECT NONE LISTED     #SAMPLES:   51 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   51 0.002 99.999 Results Reported     "
"SAMPLE PREPS"
"  40 SAMPLE TYPE=D      DRILL CORE          "
"  41 P17=  51           Assay Prep          "
"  42 P64=1644           Excessive Wetness   "
"  43 P23=   1           Sample Pickup       "
"REMARKS"
"  50 FINAL RESULTS ARE REPORTED.                          "
"*****"
"FORMAT (A8,1X,A1,A1,1X,A20,1(1X,A7,A1))"
"BEGIN " "Type" "Frac" "Sample ID"          "    Au"
"16110001" "D" "2" "R88-519-230-235     "    0.014
"16110002" "D" "2" "R88-519-235-240     "    0.013
"16110004" "D" "2" "R88-519-240-245     "    0.125
"16110005" "D" "2" "R88-519-245-250     "    0.031
"16110006" "D" "2" "R88-519-250-255     "    0.034
"16110007" "D" "2" "R88-519-255-260     "    0.035
"16110008" "D" "2" "R88-519-260-265     "    0.009
"16110009" "D" "2" "R88-519-265-270     "    0.035
"16110010" "D" "2" "R88-519-270-275     "    0.013
"16110011" "D" "2" "R88-519-275-280     "    0.020
"16110012" "D" "2" "R88-519-280-285     "    0.032
"16110013" "D" "2" "R88-519-285-290     "    0.041
"16110014" "D" "2" "R88-519-290-295     "    0.028
"16110015" "D" "2" "R88-519-295-300     "    0.019
"16110016" "D" "2" "R88-519-300-305     "    0.010
"16110017" "D" "2" "R88-519-305-310     "    0.008
"16110018" "D" "2" "R88-519-310-315     "    0.011
"16110019" "D" "2" "R88-519-315-320     "    0.004
"16110020" "D" "2" "R88-519-320-325     "    0.003
"16110021" "D" "2" "R88-519-325-330     "    0.003
"16110022" "D" "2" "R88-519-330-335     "    0.023
"16110023" "D" "2" "R88-519-335-340     "    0.027
"16110024" "D" "2" "R88-519-340-345     "    0.008
"16110025" "D" "2" "R88-519-345-350     "    0.050
"16110026" "D" "2" "R88-519-350-355     "    0.066
"16110027" "D" "2" "R88-519-355-360     "    0.016
"16110029" "D" "2" "R88-519-360-365     "    0.009
"16110030" "D" "2" "R88-519-365-370     "    0.013
"16110031" "D" "2" "R88-519-370-375     "    0.011
"16110032" "D" "2" "R88-519-375-380     "    0.021
"16110033" "D" "2" "R88-519-380-385     "    0.025
"16110034" "D" "2" "R88-519-385-390     "    0.035
"16110035" "D" "2" "R88-519-390-395     "    0.040
"16110036" "D" "2" "R88-519-395-400     "    0.021
"16110037" "D" "2" "R88-519-400-405     "    0.014
"16110038" "D" "2" "R88-519-405-410     "    0.063
"16110039" "D" "2" "R88-519-410-415     "    0.060
"16110040" "D" "2" "R88-519-415-420     "    0.014
"16110041" "D" "2" "R88-519-420-425     "    0.008
"16110042" "D" "2" "R88-519-425-430     "    0.009
"16110043" "D" "2" "R88-519-430-435     "    0.010
"16110044" "D" "2" "R88-519-435-440     "    0.008
```

240-295

55'@ .037

330-355

25'@ .035

375-415

40'@ .035

"16110045"	"D"	"2"	"R88-519-440-445	"	0.004
"16110046"	"D"	"2"	"R88-519-445-450	"	0.007
"16110047"	"D"	"2"	"R88-519-450-455	"	0.006
"16110048"	"D"	"2"	"R88-519-455-460	"	0.053 — 5'
"16110049"	"D"	"2"	"R88-519-460-465	"	0.011
"16110050"	"D"	"2"	"R88-519-465-470	"	0.010
"16110051"	"D"	"2"	"R88-519-470-475	"	0.015
"16110052"	"D"	"2"	"R88-519-475-480	"	0.010
"16110054"	"D"	"2"	"R88-519-480-485	"	0.021 — 480 — 490

"END"

10' @ .036

```
"TITLE 23-12-88 07:50:21 098-1618   J. BARRON            07/12/88"
"CLIENT BROHM MINING CORP.                                 "
"PROJECT NONE LISTED     #SAMPLES:   60 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   60 0.002 99.999 Results Reported     "
"SAMPLE PREPS"
"  40 SAMPLE TYPE=D      DRILL CORE          "
"  41 P17=  60           Assay Prep          "
"  42 P64=1603           Excessive Wetness   "
"  43 P23=   1           Sample Pickup       "
"REMARKS"
"  50 FINAL RESULTS ARE REPORTED.                          "
"****"
"FORMAT (A8,1X,A1,A1,1X,A20,1(1X,A7,A1))"
"BEGIN " "Type" "Frac" "Sample ID"          "    Au"
"16180001" "D" "2" "R88-519-485-490      "    0.051
"16180002" "D" "2" "R88-519-490-495      "    0.016
"16180003" "D" "2" "R88-519-495-500      "    0.013
"16180004" "D" "2" "R88-519-500-505      "    0.015
"16180005" "D" "2" "R88-519-505-510      "    0.056
"16180006" "D" "2" "R88-519-510-515      "    0.019
"16180007" "D" "2" "R88-519-515-520      "    0.011
"16180008" "D" "2" "R88-519-520-525      "    0.026
"16180009" "D" "2" "R88-519-525-530      "    0.012
"16180011" "D" "2" "R88-519-530-535      "    0.008
"16180012" "D" "2" "R88-519-535-540      "    0.020
"16180013" "D" "2" "R88-519-540-545      "    0.011
"16180014" "D" "2" "R88-519-545-550      "    0.064
"16180015" "D" "2" "R88-519-550-555      "    0.029
"16180016" "D" "2" "R88-519-555-560      "    0.005
"16180017" "D" "2" "R88-519-560-565      "    0.008
"16180018" "D" "2" "R88-519-565-570      "    0.053
"16180019" "D" "2" "R88-519-570-575      "    0.012
"16180020" "D" "2" "R88-519-575-580      "    0.008
"16180021" "D" "2" "R88-519-580-585      "    0.006
"16180022" "D" "2" "R88-519-585-590      "    0.008
"16180023" "D" "2" "R88-519-590-595      "    0.007
"16180024" "D" "2" "R88-519-595-600      "    0.008
"16180025" "D" "2" "R88-519-600-605      "    0.013
"16180026" "D" "2" "R88-519-605-610      "    0.012
"16180027" "D" "2" "R88-519-610-615      "    0.015
"16180028" "D" "2" "R88-519-615-620      "    0.012
"16180029" "D" "2" "R88-519-620-625      "    0.014
"16180030" "D" "2" "R88-519-625-630      "    0.013
"16180031" "D" "2" "R88-519-630-635      "    0.004
"16180032" "D" "2" "R88-519-635-640      "    0.009
"16180033" "D" "2" "R88-519-640-645      "    0.006
"16180034" "D" "2" "R88-519-645-650      "    0.006
"16180036" "D" "2" "R88-519-650-655      "    0.012
"16180037" "D" "2" "R88-519-655-660      "    0.005
"16180038" "D" "2" "R88-519-660-665      "    0.056
"16180039" "D" "2" "R88-519-665-670      "    0.010
"16180040" "D" "2" "R88-519-670-675      "    0.010
"16180041" "D" "2" "R88-519-675-680      "    0.014
"16180042" "D" "2" "R88-519-680-685      "    0.013
"16180043" "D" "2" "R88-519-685-690      "    0.004
"16180044" "D" "2" "R88-519-690-695      "    0.005
```

480-490
10' @ .036

505-570
65' @ .025

5'

"16180045"	"D"	"2"	"R88-519-695-700	"	0.008
"16180046"	"D"	"2"	"R88-519-700-705	"	0.005
"16180047"	"D"	"2"	"R88-519-705-710	"	0.002
"16180048"	"D"	"2"	"R88-519-710-715	"	0.003
"16180049"	"D"	"2"	"R88-519-715-720	"	0.010
"16180050"	"D"	"2"	"R88-519-720-725	"	0.007
"16180051"	"D"	"2"	"R88-519-725-730	"	0.011
"16180052"	"D"	"2"	"R88-519-730-735	"	0.027
"16180053"	"D"	"2"	"R88-519-735-740	"	0.013
"16180054"	"D"	"2"	"R88-519-740-745	"	0.009
"16180055"	"D"	"2"	"R88-519-745-750	"	0.017
"16180056"	"D"	"2"	"R88-519-750-755	"	0.010
"16180057"	"D"	"2"	"R88-519-755-760	"	0.010
"16180058"	"D"	"2"	"R88-519-760-765	"	0.006
"16180059"	"D"	"2"	"R88-519-765-770	"	0.013
"16180061"	"D"	"2"	"R88-519-770-775	"	0.012
"16180062"	"D"	"2"	"R88-519-775-780	"	0.017
"16180063"	"D"	"2"	"R88-519-780-785	"	0.016

"END"

```
"TITLE 21-12-88 10:04:29 098-1619   J. BARRON            05/12/88"
"CLIENT BROHM MINING CORP.                                "
"PROJECT NONE LISTED     #SAMPLES:   23 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   23 0.002 99.999 Results Reported     "
"SAMPLE PREPS"
"  40 SAMPLE TYPE=D      DRILL CORE          "
"  41 P17=  23           Assay Prep          "
"  42 P64= 404           Excessive Wetness   "
"REMARKS"
"  50 FINAL RESULTS ARE REPORTED.                          "
"*****"
"FORMAT (A8,1X,A1,A1,1X,A20,1(1X,A7,A1))"
"BEGIN " "Type" "Frac" "Sample ID"          "    Au"
"16190001" "D" "2" "R88-519-785-790      "    0.056
"16190002" "D" "2" "R88-519-790-795      "    0.011
"16190003" "D" "2" "R88-519-795-800      "    0.011
"16190004" "D" "2" "R88-519-800-805      "    0.026
"16190005" "D" "2" "R88-519-805-810      "    0.016
"16190006" "D" "2" "R88-519-810-815      "    0.022
"16190007" "D" "2" "R88-519-815-820      "    0.017
"16190008" "D" "2" "R88-519-820-825      "    0.008
"16190009" "D" "2" "R88-519-825-830      "    0.019
"16190010" "D" "2" "R88-519-830-835      "    0.043
"16190012" "D" "2" "R88-519-835-840      "    0.008
"16190013" "D" "2" "R88-519-840-845      "    0.017
"16190014" "D" "2" "R88-519-845-850      "    0.009
"16190015" "D" "2" "R88-519-850-855      "    0.006
"16190016" "D" "2" "R88-519-855-860      "    0.006
"16190017" "D" "2" "R88-519-860-865      "    0.006
"16190018" "D" "2" "R88-519-865-870      "    0.025
"16190019" "D" "2" "R88-519-870-875      "    0.013
"16190020" "D" "2" "R88-519-875-880      "    0.027
"16190021" "D" "2" "R88-519-880-885      "    0.014
"16190022" "D" "2" "R88-519-885-890      "    0.050
"16190023" "D" "2" "R88-519-890-895      "    0.008
"16190024" "D" "2" "R88-519-895-900      "    0.008
"END"
```

785-815

30'@.024

5'

865-890

25'@.026

Contractor: TONTO | Coordinates: SITE 192 | Project: GILT EDGE | Hole No.: R88-519

Drill Type: | Casing Depth: | State: SD | Sheet 1 of 6

Hole Size: | Bearing: – | Inclination: 90 | Date Started: 12.2.88 | Property: GILT EDGE

Collar Elev.: | Final Depth: 900' | Date Completed: 12.3.88 | Hole Surveyed: Bridged @ 310

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, Veinlets, Replacement)	TYPE	ASSAY Au	ASSAY Ag
			40	3	0-5		Qtg	0-25 CAMBRIAN DEADWOOD QUARTZITE	0-35	OXIDE		
					20-25			25-50 TRACHYTE PORPHYRY				
			60				Ttp					
				2					35-55	MIXED		
					45-50			50-55 PE – Chert w/ Ttp				
			20				PE					
			10	1			PC	55-95 PRECAMBRIAN SCHIST	55-900	SULFIDE 1-2% FeS_2		
					70-75							
								(85-95) 10-15% PC chert				
					95-100				(95-100)	2-3% FeS_2		
								95-185 PRECAMBRIAN SCHIST	(100-130)	3-5% FeS_2		
					120-125							
									(130-165)	1-3% FeS_2		
					145-150							
									(165-185)	3-5% FeS_2		
					170-175							

DRILL CUTTING LOG

Logged by:

Contractor _____ Coordinates _____ Project _____ Hole No. R88-519

Drill Type _____ Casing Depth _____ State _____ Sheet 2 of 6

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)	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, Veinlets, Replacement) / TYPE	ASSAY Au	ASSAY Ag
			10	1	175-180		PC				
			20					185-200 ✓ PRECAMBRIAN CHERT	(185-210) 1-5% FeS_2		
					195-200						
			10					200-243 PRECAMBRIAN SCHIST			
									(210-220) 3-5% FeS_2		
					220-225				(220-225) 1-3% FeS_2		
									(225-270) 3-5% FeS_2		
			20		245-250			243-260 ✓ PRECAMBRIAN CHERT			
			10					260-275 PRECAMBRIAN SCHIST			
					270-275				(270-290) 5-7% FeS_2		
			60				TP	275-290 TRACHYTE PORPHYRY			
			10				PC	290-305 PRECAMBRIAN SCHIST	(290-315) 2-4% FeS_2		
					295-300						
			20					305-315 PRECAMBRIAN CHERT			
			10					315-325 PRECAMBRIAN SCHIST	(315-325) 1-2% FeS_2		
					320-325						
			20					325-335 PRECAMBRIAN CHERT	(325-330) 2-4% FeS_2		
									(330-335) 4-6% FeS_2		
			10					335-370 PRECAMBRIAN SCHIST	(335-345) 2-4% FeS_2		
					345-350				(345-360) 4-6% FeS_2		

DRILL CUTTING LOG

Logged by:

Contractor _____ Coordinates _____ Project _____ Hole No. R88-519

Drill Type _____ Casing Depth _____ State _____ Sheet 3 of 6

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

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

DRILL CUTTING LOG

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	Ag
			10		350-355		PC					
									(360-370) 1-3% FeS_2			
			20		370-375			370 - 405 PRECAMBRIAN CHERT	(370 - 405) 2-4% FeS_2			
					395-400							
			10					405 - 485 PRECAMBRIAN SCHIST	(405 - 410) 7-9% FeS_2			
									(410 - 415) 2-4% FeS_2			
									(415 - 450) 1-2% FeS_2			
					420-425							
					445-450							
									(450-605) 2-4% FeS_2			
					470-475							
			20					485-495 PRECAMBRIAN CHERT				
			10		495-500			495-505 PRECAMBRIAN SCHIST				
								505-525 PRECAMBRIAN CHERT				
					520-525							

Logged by:

Contractor _____ Coordinates _____ Project _____ Hole No. R88-519

Drill Type _____ Casing Depth _____ State _____ Sheet 4 of 6

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

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

DISTANCE (feet)	GRAPHIC LOGS: ALTERATION (Weak, Moderate, Strong)	TOTAL SULFIDES (vol %)	ROCK CODE	ORE CODE	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	ASSAY: Au	Ag
			10	1	525-530		PC	525-940 PRECAMBRIAN SCHIST			
					545-550						
					570-575			(570-575) w/ 20-25% green clay			
					595-600						
									(605-620) 4-6% FeS_2		
					620-625				(620-630) 6-8% FeS_2		
									(630-635) 2-3% FeS_2		
									(635-685) 3-5% FeS_2		
					645-650						
					670-675						
									(685-695) 1-3% FeS_2		
					695-700				(695-700) 5-6% FeS_2		

DRILL CUTTING LOG

Logged by:

Contractor _____ Coordinates _____ Project _____ Hole No. R88-519

Drill Type _____ Casing Depth _____ State _____ Sheet 5 of 6

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)	TOTAL SULFIDES % (vol %)	ROCK CODE	ORE CODE	DOWN HOLE LOCATION: DISTANCE DOWN HOLE (feet)	ELEVATION	GEOLOGIC NOTES: ROCK TYPE	DESCRIPTION: MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE	MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinlets, Replacement)	TYPE	ASSAY: Au	Ag
			10	1	700-705		PC	(700-840) w/ 5-7% Tkp	(700-730) 1-3% FeS2			
					720-725							
									(730-735) 3-4% FeS2			
									(735-900) 1-3% FeS2			
					745-750							
					770-775							
					795-800							
					820-825							
			60		845-850		TKP	840-865 TRACHYTE PORPHYRY w/ 3-4% PC schist				
			20		870-875		PC	865-875 PRECAMBRIAN CHERT				

DRILL CUTTING LOG

Logged by:

Contractor _____ Coordinates _____ Project _____ Hole No. R88-519

Drill Type _____ Casing Depth _____ State _____ Sheet 6 of 6

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)	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, Veinlets, Replacement)	TYPE	ASSAY: Au	Ag
			10	1	875-880		PL					
					895-900							
								-HOLE TD @ 900'				

DRILL CUTTING LOG

Logged by: