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

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 098-0857

PROJECT: GILT EDGE

SAMPLE NUMBER	ELEMENT UNITS	Au OPT
D2 R88-420-965-970		0.027
D2 R88-420-970-975		0.028
D2 R88-420-975-980		0.060
D2 R88-420-980-985		0.036
D2 R88-420-985-990		0.055
D2 R88-420-990-995		0.035
D2 R88-420-995-1000		0.009
D2 R88-420-1000-1005		0.022
D2 R88-420-1005-1010		0.010
D2 R88-420-1010-1015		0.009
D2 R88-420-1015-1020		0.005
D2 R88-420-1020-1025		0.006
D2 R88-420-1025-1030		<0.002
D2 R88-420-1030-1035		0.006
D2 R88-420-1035-1040		<0.002
D2 R88-420-1040-1045		0.009
D2 R88-420-1045-1050		0.010
D2 R88-420-1050-1055		0.008
D2 R88-420-1055-1060		0.007
D2 R88-420-1060-1065		0.026
D2 R88-420-1065-1070		0.008
D2 R88-420-1070-1075		0.012
D2 R88-420-1075-1080		0.005
D2 R88-420-1080-1085		0.003
D2 R88-420-1085-1090		0.006
D2 R88-420-1090-1095		0.010
D2 R88-420-1095-1100		0.008
D2 R88-420-1100-1105		0.009
D2 R88-420-1105-1110		0.008
D2 R88-420-1110-1115		0.006
D2 R88-420-1115-1120		0.008
D2 R88-420-1120-1125		<0.002
D2 R88-420-1125-1130		0.007
D2 R88-420-1130-1135		0.017
D2 R88-420-1135-1140		0.010
D2 R88-420-1140-1145		0.013
D2 R88-420-1145-1150		0.006
D2 R88-420-1150-1155		<0.002
D2 R88-420-1155-1160		0.010
D2 R88-420-1160-1165		0.022
D2 R88-420-1165-1170		0.015
D2 R88-420-1170-1175		0.028=
D2 R88-420-1175-1180		<0.002
D2 R88-420-1180-1185		0.010

Bondar-Clegg, Inc.
12980 West Cedar Dr.
Lakewood, Colorado
U.S.A. 80228
Phone: (303) 989-1404
Telex: 45-693

BONDAR-CLEGG

Invoice : 12804, Page 1

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

Date : 26-SEP-88

Report No: 098-0857
Project : GILT EDGE
Reference: NONE LISTED

Cu/Au 44 Analyses of Gold	at $ 6.50	$ 286.00	
Subtotal		$ 286.00	$ 286.00
Sample Preparation			
44 Samples of Assay Prep	at $ 3.00	$ 132.00	
884 Samples of Excessive Wetness	at $ 0.15	$ 132.60	
1 Sample of Sample Pickup	at $12.00	$ 12.00	
Subtotal		$ 276.60	$ 276.60
Miscellaneous Charges			
4% S.D. STATE SALES TAX		$ 9.30	
2% DEADWOOD CITY SALES TAX		$ 4.65	
Subtotal		$ 13.95	$ 13.95
Invoice Total:			$ 576.55 U.S.

REF - 420 (965 - 1185)

THIS IS A PROFESSIONAL SERVICE
ACCOUNTS DUE WHEN RENDERED

"TITLE 20-09-88 10:00:11 098-0840 J. BARRON 18/08/88"
"CLIENT BROHM MINING CORP. "
"PROJECT GILT EDGE #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 "
"	02	Au	FA		OPT	4	0.002	99.999	Results Reported "
"	03	Au	FA		OPT	1	0.002	30.000	Results Reported "
"	04	Au	FA		OPT	4	0.002	30.000	Results Reported "

"SAMPLE PREPS"
" 40 SAMPLE TYPE=D DRILL CORE "
" 41 P17= 59 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. "
" 53 3 OR 4 SEPARATE RESULTS REPORTED FOR SOME "
" 54 SAMPLES. (ERRATIC RESULTS) "
"*****"
"FORMAT (A8,1X,A1,A1,1X,A20,4(1X,A7,A1))"

"BEGIN "	"Type"	"Frac"	"Sample ID"	"	Au" "	Au" "	Au" "	Au"
"08400001"	"D"	"2"	"R88-420-0-5	"	0.005	-9	-9	-9
"08400004"	"D"	"2"	"R88-420-5-10	"	0.005	-9	-9	-9
"08400005"	"D"	"2"	"R88-420-10-15	"	-0.002	-9	-9	-9
"08400006"	"D"	"2"	"R88-420-15-20	"	0.009	-9	-9	-9
"08400007"	"D"	"2"	"R88-420-20-25	"	0.008	-9	-9	-9
"08400008"	"D"	"2"	"R88-420-25-30	"	0.008	-9	-9	-9
"08400009"	"D"	"2"	"R88-420-30-35	"	0.013	-9	-9	-9
"08400010"	"D"	"2"	"R88-420-35-40	"	0.006	-9	-9	-9
"08400011"	"D"	"2"	"R88-420-40-45	"	0.010	-9	-9	-9
"08400012"	"D"	"2"	"R88-420-45-50	"	0.006	-9	-9	-9
"08400013"	"D"	"2"	"R88-420-50-55	"	0.004	-9	-9	-9
"08400014"	"D"	"2"	"R88-420-55-60	"	0.004	-9	-9	-9
"08400015"	"D"	"2"	"R88-420-60-65	"	0.004	-9	-9	-9
"08400016"	"D"	"2"	"R88-420-65-70	"	0.009	-9	-9	-9
"08400017"	"D"	"2"	"R88-420-70-75	"	0.006	-9	-9	-9
"08400018"	"D"	"2"	"R88-420-75-80	"	0.007	-9	-9	-9
"08400019"	"D"	"2"	"R88-420-80-85	"	0.007	-9	-9	-9
"08400020"	"D"	"2"	"R88-420-85-90	"	0.006	-9	-9	-9
"08400021"	"D"	"2"	"R88-420-90-95	"	0.005	-9	-9	-9
"08400022"	"D"	"2"	"R88-420-95-100	"	0.005	-9	-9	-9
"08400023"	"D"	"2"	"R88-420-100-105	"	0.006	-9	-9	-9
"08400024"	"D"	"2"	"R88-420-105-110	"	0.009	-9	-9	-9
"08400025"	"D"	"2"	"R88-420-110-115	"	-0.002	-9	-9	-9
"08400026"	"D"	"2"	"R88-420-115-120	"	0.003	-9	-9	-9
"08400029"	"D"	"2"	"R88-420-120-125	"	0.008	-9	-9	-9
"08400030"	"D"	"2"	"R88-420-125-130	"	0.027	-9	-9	-9
"08400031"	"D"	"2"	"R88-420-130-135	"	0.015	-9	125 - -9	-9
"08400032"	"D"	"2"	"R88-420-135-140	"	0.052	-9	-9	-9
"08400033"	"D"	"2"	"R88-420-140-145	"	0.052	-9	-9	-9
"08400034"	"D"	"2"	"R88-420-145-150	"	0.070	-9	-9	-9
"08400035"	"D"	"2"	"R88-420-150-155	"	0.024	-9	-9	-9
"08400036"	"D"	"2"	"R88-420-155-160	"	0.013	-9	-9	-9
"08400037"	"D"	"2"	"R88-420-160-165	"	0.025	-9	-9	-9
"08400038"	"D"	"2"	"R88-420-165-170	"	0.231	-9	-9	-9
"08400039"	"D"	"2"	"R88-420-170-175	"	0.090	0.089	-9	0.114 (098 AV)
"08400040"	"D"	"2"	"R88-420-175-180	"	0.086	-9	-9	-9
"08400041"	"D"	"2"	"R88-420-180-185	"	0.136	0.184	-9	0.302 (207 AV)

"08400042"	"D"	"2"	"R88-420-185-190 "	0.038	-9	-9	-9
"08400043"	"D"	"2"	"R88-420-190-195 "	0.040	-9	-9	-9
"08400044"	"D"	"2"	"R88-420-195-200 "	0.044	-9	-9	-9
"08400045"	"D"	"2"	"R88-420-200-205 "	0.056	-9	-9	-9
"08400046"	"D"	"2"	"R88-420-205-210 "	0.683	0.411	0.518	0.454(.516 AV)
"08400047"	"D"	"2"	"R88-420-210-215 "	0.068	-9	-9	-9
"08400048"	"D"	"2"	"R88-420-215-220 "	0.073	-9	-9	-9
"08400049"	"D"	"2"	"R88-420-220-225 "	0.093	-9	-9	-9
"08400050"	"D"	"2"	"R88-420-225-230 "	0.766	1.036	-9	1.463(1.088 AV)
"08400051"	"D"	"2"	"R88-420-230-235 "	0.141	-9	-9	-9
"08400054"	"D"	"2"	"R88-420-235-240 "	0.034	-9	-9	-9
"08400055"	"D"	"2"	"R88-420-240-245 "	0.043	-9	-9	-9
"08400056"	"D"	"2"	"R88-420-245-250 "	0.024	-9	-9	-9
"08400057"	"D"	"2"	"R88-420-250-255 "	0.017	-9	-9	-9
"08400058"	"D"	"2"	"R88-420-255-260 "	0.023	-9	-9	-9
"08400059"	"D"	"2"	"R88-420-260-265 "	0.024	-9	-9	-9
"08400060"	"D"	"2"	"R88-420-265-270 "	0.078	-9	-9	-9
"08400061"	"D"	"2"	"R88-420-270-275 "	0.080	-9	-9	-9
"08400062"	"D"	"2"	"R88-420-275-280 "	0.042	-9	-9	-9
"08400063"	"D"	"2"	"R88-420-280-285 "	0.034	-9	-9	-9
"08400064"	"D"	"2"	"R88-420-285-290 "	0.039	-9	-9	-9
"08400065"	"D"	"2"	"R88-420-290-295 "	0.052	-9	-9	-9
"08400066"	"D"	"2"	"R88-420-295-300 "	0.030	-9	-9	-9

"END"

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"TITLE 13-09-88 08:05:10 098-0841   J. BARRON              18/08/88"
"CLIENT BROHM MINING CORP.                                   "
"PROJECT GILT EDGE        #SAMPLES:   13 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   13 0.002 99.999 Results Reported     "
"SAMPLE PREPS"
"  40 SAMPLE TYPE=D      DRILL CORE          "
"  41 P17=  13           Assay Prep          "
"REMARKS"
"  50 FINAL RESULTS ARE REPORTED.                    "
"*****"
"FORMAT (A8,1X,A1,A1,1X,A20,1(1X,A7,A1))"
"BEGIN " "Type" "Frac" "Sample ID"          "     Au"
"08410001" "D" "2" "R88-420-300-305     "    0.023
"08410002" "D" "2" "R88-420-305-310     "    0.022
"08410005" "D" "2" "R88-420-310-315     "    0.020
"08410006" "D" "2" "R88-420-315-320     "    0.010
"08410007" "D" "2" "R88-420-320-325     "    0.015
"08410008" "D" "2" "R88-420-325-330     "    0.042
"08410009" "D" "2" "R88-420-330-335     "    0.013
"08410010" "D" "2" "R88-420-335-340     "    0.019
"08410011" "D" "2" "R88-420-340-345     "    0.035
"08410012" "D" "2" "R88-420-345-350     "    0.048
"08410013" "D" "2" "R88-420-350-355     "    0.046
"08410014" "D" "2" "R88-420-355-360     "    0.166
"08410015" "D" "2" "R88-420-360-365     "    0.074
"END"
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"TITLE 20-09-88 09:29:10 098-0849   J. BARRON              22/08/88"
"CLIENT BROHM MINING CORP.                                        "
"PROJECT GILT EDGE        #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=1192            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"
"08490001" "D" "2" "R88-420-365-370      "    0.049 —
"08490002" "D" "2" "R88-420-370-375      "    0.025 —
"08490003" "D" "2" "R88-420-375-380      "    0.015-
"08490004" "D" "2" "R88-420-380-385      "    0.019-
"08490005" "D" "2" "R88-420-385-390      "    0.031 —
"08490006" "D" "2" "R88-420-390-395      "    0.023 —
"08490007" "D" "2" "R88-420-395-400      "    0.019-
"08490008" "D" "2" "R88-420-400-405      "    0.023 —
"08490009" "D" "2" "R88-420-405-410      "    0.025 —
"08490010" "D" "2" "R88-420-410-415      "    0.152 —
"08490013" "D" "2" "R88-420-415-420      "    0.141 —
"08490014" "D" "2" "R88-420-420-425      "    0.025 —
"08490015" "D" "2" "R88-420-425-430      "    0.037 —
"08490016" "D" "2" "R88-420-430-435      "    0.010-
"08490017" "D" "2" "R88-420-435-440      "    0.026 —
"08490018" "D" "2" "R88-420-440-445      "    0.020 —
"08490019" "D" "2" "R88-420-445-450      "    0.028 —
"08490020" "D" "2" "R88-420-450-455      "    0.046 —
"08490021" "D" "2" "R88-420-455-460      "    0.039 —
"08490022" "D" "2" "R88-420-460-465      "    0.012
"08490023" "D" "2" "R88-420-465-470      "    0.012
"08490024" "D" "2" "R88-420-470-475      "    0.007
"08490025" "D" "2" "R88-420-475-480      "    0.012
"08490026" "D" "2" "R88-420-480-485      "    0.010
"08490027" "D" "2" "R88-420-485-490      "    0.022 —
"08490028" "D" "2" "R88-420-490-495      "    0.009
"08490029" "D" "2" "R88-420-495-500      "    0.009
"08490030" "D" "2" "R88-420-500-505      "    0.005
"08490031" "D" "2" "R88-420-505-510      "    0.007
"08490032" "D" "2" "R88-420-510-515      "    0.032 —
"08490033" "D" "2" "R88-420-515-520      "    0.020 —
"08490034" "D" "2" "R88-420-520-525      "    0.011
"08490035" "D" "2" "R88-420-525-530      "   -0.002
"08490038" "D" "2" "R88-420-530-535      "   -0.002
"08490039" "D" "2" "R88-420-535-540      "   -0.002
"08490040" "D" "2" "R88-420-540-545      "    0.004
"08490041" "D" "2" "R88-420-545-550      "    0.005
"08490042" "D" "2" "R88-420-550-555      "    0.006
"08490043" "D" "2" "R88-420-555-560      "    0.005
"08490044" "D" "2" "R88-420-560-565      "    0.002
"08490045" "D" "2" "R88-420-565-570      "   -0.002
"08490046" "D" "2" "R88-420-570-575      "    0.004
"08490047" "D" "2" "R88-420-575-580      "    0.003
```

125 - 460

335' @ .073

510-520
10' @ .026

"08490048"	"D"	"2"	"R88-420-580-585	"	0.004
"08490049"	"D"	"2"	"R88-420-585-590	"	-0.002
"08490050"	"D"	"2"	"R88-420-590-595	"	-0.002
"08490051"	"D"	"2"	"R88-420-595-600	"	0.005
"08490052"	"D"	"2"	"R88-420-600-605	"	0.007
"08490053"	"D"	"2"	"R88-420-605-610	"	0.007
"08490054"	"D"	"2"	"R88-420-610-615	"	0.005
"08490055"	"D"	"2"	"R88-420-615-620	"	0.008
"08490056"	"D"	"2"	"R88-420-620-625	"	0.010
"08490057"	"D"	"2"	"R88-420-625-630	"	0.014
"08490058"	"D"	"2"	"R88-420-630-635	"	0.007
"08490059"	"D"	"2"	"R88-420-635-640	"	0.003
"08490060"	"D"	"2"	"R88-420-640-645	"	0.004
"08490063"	"D"	"2"	"R88-420-645-650	"	0.005
"08490064"	"D"	"2"	"R88-420-650-655	"	-0.002
"08490065"	"D"	"2"	"R88-420-655-660	"	0.006
"08490066"	"D"	"2"	"R88-420-660-665	"	0.003

"END"

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"TITLE 21-09-88 09:53:47 098-0852   J. BARRON              23/08/88"
"CLIENT BROHM MINING CORP.                                          "
"PROJECT GILT EDGE        #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=1408            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"
"08520001" "D" "2" "R88-420-665-670      "    0.004
"08520002" "D" "2" "R88-420-670-675      "    0.006
"08520003" "D" "2" "R88-420-675-680      "    0.012
"08520006" "D" "2" "R88-420-680-685      "    0.058
"08520007" "D" "2" "R88-420-685-690      "    0.093
"08520008" "D" "2" "R88-420-690-695      "    0.198
"08520009" "D" "2" "R88-420-695-700      "    0.058
"08520010" "D" "2" "R88-420-700-705      "    0.049
"08520011" "D" "2" "R88-420-705-710      "    0.026
"08520012" "D" "2" "R88-420-710-715      "    0.023
"08520013" "D" "2" "R88-420-715-720      "    0.136
"08520014" "D" "2" "R88-420-720-725      "    0.055
"08520015" "D" "2" "R88-420-725-730      "    0.030
"08520016" "D" "2" "R88-420-730-735      "    0.051
"08520017" "D" "2" "R88-420-735-740      "    0.042
"08520018" "D" "2" "R88-420-740-745      "    0.033
"08520019" "D" "2" "R88-420-745-750      "    0.156
"08520020" "D" "2" "R88-420-750-755      "    0.032
"08520021" "D" "2" "R88-420-755-760      "    0.024
"08520022" "D" "2" "R88-420-760-765      "    0.022
"08520023" "D" "2" "R88-420-765-770      "    0.021
"08520024" "D" "2" "R88-420-770-775      "    0.015
"08520025" "D" "2" "R88-420-775-780      "    0.017
"08520026" "D" "2" "R88-420-780-785      "    0.012
"08520027" "D" "2" "R88-420-785-790      "    0.007
"08520028" "D" "2" "R88-420-790-795      "    0.013
"08520031" "D" "2" "R88-420-795-800      "    0.020
"08520032" "D" "2" "R88-420-800-805      "    0.010
"08520033" "D" "2" "R88-420-805-810      "    0.016
"08520034" "D" "2" "R88-420-810-815      "    0.021
"08520035" "D" "2" "R88-420-815-820      "    0.010
"08520036" "D" "2" "R88-420-820-825      "    0.019
"08520037" "D" "2" "R88-420-825-830      "    0.014
"08520038" "D" "2" "R88-420-830-835      "    0.038
"08520039" "D" "2" "R88-420-835-840      "    0.007
"08520040" "D" "2" "R88-420-840-845      "    0.009
"08520041" "D" "2" "R88-420-845-850      "    0.008
"08520042" "D" "2" "R88-420-850-855      "    0.003
"08520043" "D" "2" "R88-420-855-860      "    0.023
"08520044" "D" "2" "R88-420-860-865      "    0.015
"08520045" "D" "2" "R88-420-865-870      "    0.016
"08520046" "D" "2" "R88-420-870-875      "    0.006
"08520047" "D" "2" "R88-420-875-880      "    0.023
"08520048" "D" "2" "R88-420-880-885      "    0.015
```

680 – 770

~~180'~~

90' @

"08520049"	"D"	"2"	"R88-420-885-890	"	0.014
"08520050"	"D"	"2"	"R88-420-890-895	"	0.008
"08520051"	"D"	"2"	"R88-420-895-900	"	0.011
"08520052"	"D"	"2"	"R88-420-900-905	"	0.008
"08520053"	"D"	"2"	"R88-420-905-910	"	0.010
"08520056"	"D"	"2"	"R88-420-910-915	"	0.011
"08520057"	"D"	"2"	"R88-420-915-920	"	0.011
"08520058"	"D"	"2"	"R88-420-920-925	"	0.012
"08520059"	"D"	"2"	"R88-420-925-930	"	0.021
"08520060"	"D"	"2"	"R88-420-930-935	"	-0.002
"08520061"	"D"	"2"	"R88-420-935-940	"	0.036
"08520062"	"D"	"2"	"R88-420-940-945	"	0.046
"08520063"	"D"	"2"	"R88-420-945-950	"	0.031
"08520064"	"D"	"2"	"R88-420-950-955	"	0.034
"08520065"	"D"	"2"	"R88-420-955-960	"	0.022
"08520066"	"D"	"2"	"R88-420-960-965	"	0.023

"END"

925 - 1005

80'@.030

```
"TITLE 22-09-88 09:42:32 098-0857   J. BARRON              23/08/88"
"CLIENT BROHM MINING CORP.                                   "
"PROJECT GILT EDGE        #SAMPLES:   44 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   44 0.002 99.999 Results Reported     "
"SAMPLE PREPS"
"  40 SAMPLE TYPE=D       DRILL CORE          "
"  41 P17=  44            Assay Prep          "
"  42 P64= 884            Excessive Wetness   "
"  43 P23=   1            Sample Pickup       "
"REMARKS"
"  50 FINAL RESULTS ARE REPORTED.                          "
"  51 = ERRATIC RESULTS NOTED ON ONE SAMPLE.               "
"*****"
"FORMAT (A8,1X,A1,A1,1X,A20,1(1X,A7,A1))"
"BEGIN " "Type" "Frac" "Sample ID"          "     Au"
"08570001" "D" "2" "R88-420-965-970      "     0.027
"08570002" "D" "2" "R88-420-970-975      "     0.028
"08570003" "D" "2" "R88-420-975-980      "     0.060
"08570004" "D" "2" "R88-420-980-985      "     0.036
"08570005" "D" "2" "R88-420-985-990      "     0.055
"08570006" "D" "2" "R88-420-990-995      "     0.035
"08570007" "D" "2" "R88-420-995-1000     "     0.009
"08570008" "D" "2" "R88-420-1000-1005    "     0.022
"08570011" "D" "2" "R88-420-1005-1010    "     0.010
"08570012" "D" "2" "R88-420-1010-1015    "     0.009
"08570013" "D" "2" "R88-420-1015-1020    "     0.005
"08570014" "D" "2" "R88-420-1020-1025    "     0.006
"08570015" "D" "2" "R88-420-1025-1030    "    -0.002
"08570016" "D" "2" "R88-420-1030-1035    "     0.006
"08570017" "D" "2" "R88-420-1035-1040    "    -0.002
"08570018" "D" "2" "R88-420-1040-1045    "     0.009
"08570019" "D" "2" "R88-420-1045-1050    "     0.010
"08570020" "D" "2" "R88-420-1050-1055    "     0.008
"08570021" "D" "2" "R88-420-1055-1060    "     0.007
"08570022" "D" "2" "R88-420-1060-1065    "     0.026
"08570023" "D" "2" "R88-420-1065-1070    "     0.008
"08570024" "D" "2" "R88-420-1070-1075    "     0.012
"08570025" "D" "2" "R88-420-1075-1080    "     0.005
"08570026" "D" "2" "R88-420-1080-1085    "     0.003
"08570027" "D" "2" "R88-420-1085-1090    "     0.006
"08570028" "D" "2" "R88-420-1090-1095    "     0.010
"08570029" "D" "2" "R88-420-1095-1100    "     0.008
"08570030" "D" "2" "R88-420-1100-1105    "     0.009
"08570031" "D" "2" "R88-420-1105-1110    "     0.008
"08570032" "D" "2" "R88-420-1110-1115    "     0.006
"08570033" "D" "2" "R88-420-1115-1120    "     0.008
"08570036" "D" "2" "R88-420-1120-1125    "    -0.002
"08570037" "D" "2" "R88-420-1125-1130    "     0.007
"08570038" "D" "2" "R88-420-1130-1135    "     0.017
"08570039" "D" "2" "R88-420-1135-1140    "     0.010
"08570040" "D" "2" "R88-420-1140-1145    "     0.013
"08570041" "D" "2" "R88-420-1145-1150    "     0.006
"08570042" "D" "2" "R88-420-1150-1155    "    -0.002
"08570043" "D" "2" "R88-420-1155-1160    "     0.010
"08570044" "D" "2" "R88-420-1160-1165    "     0.022
"08570045" "D" "2" "R88-420-1165-1170    "     0.015
"08570046" "D" "2" "R88-420-1170-1175    "     0.028
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925 -1005

80'@ .030

1160-1175

15'@.022

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"08570047" "D" "2" "R88-420-1175-1180    "    -0.002
"08570048" "D" "2" "R88-420-1180-1185    "     0.010
"END"
```

Contractor LANG
Drill Type
Hole Size
Collar Elev.

Coordinates SITE 6
Casing Depth
Bearing — Inclination 90°
Final Depth

Project GILT EDGE
State SD
Date Started 8-13-88
Date Completed

Hole No. 288-420
Sheet 1 of 7
Property GILT EDGE
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, Veinfill, Replacement) / TYPE	ASSAY Au	ASSAY Ag
			80	3	0-5		Tqtp	0-20 QUARTZ TRACHYTE PORPHYRY	0-50 OXIDE 3-4% jarosite tr-1% MnOx		
			70		20-25		Tbxa	20-145 BRECCIA Tqtp, Ttp, Cdh, Fe shist w/ Tqtp dominating	(15-35) 2-3% FeOx, 2-3% jarosite, 1% MnOx		
					45-50				(35-50) 3-5% FeOx tr-1% jarosite, tr-1% MnOx		
				2					50-210 MIXED tr-1% FeS2, 1-3% jarosite, 2-3% FeOx		
					70-75				(65-70) 3-5% jarosite, tr FeS2, 2-3% FeOx (70-85) 2-3% FeOx, tr-1% jarosite, tr FeS2		
								(85-120) 85-90% Tqtp.	(85-120) tr-1% MnOx tr-1% FeS2, 1-2% FeOx, 1-2% jarosite		
					95-100						
					120-125				(120-140) 3-5% FeOx, tr-1% FeS2, tr jarosite.		
			60		145-150		Ttp	145-275 TRACHYTE PORPHYRY	(140-155) tr-2% FeOx, tr-1% FeS2 tr-2% jarosite (150-165) 1-3% jarosite.		
					170-175				(165-170) 2% FeOx, tr FeS2 (170-210) 3-5% jarosite, tr-1% FeS2		

Logged by:

Contractor _____ Coordinates _____ Project _____ Hole No. RBB-420

Drill Type _____ Casing Depth _____ State _____ Sheet 2 of 7

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, Veinlill, Replacement) / TYPE	ASSAY Au	ASSAY Ag
			60	2	175-180		Tkp				
					195-200						
				1					210 – 1185 SULFIDE tr-2% FeS2 diss.		
					220-225						
									(235-240) 3-5% FeS2 diss, loose		
					245-250				(240-275) 5-7% FeS2 diss & loose		
					270-275						
			80				Tqtp	275-285 QUARTZ TRACHYTE PORPHYRY	(275-335) 1-3% FeS2 diss.		
			60				Tkp	285-490 TRACHYTE PORPHYRY lt gray matrix & unaltered			
					295-300						
					320-325						
									(335-380) 3-5% FeS2 diss.		
					345-350						

DRILL CUTTING LOG

Logged by: _____

Contractor _____ Coordinates _____ Project _____ Hole No. R88-420

Drill Type _____ Casing Depth _____ State _____ Sheet 3 of 7

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, Veinlill, Replacement)	TYPE	ASSAY Au	ASSAY Ag
			60	1	350-355		Tkp					
								(360-370) 1-3% PC schist				
					370-375			(370-385) 2-4% Tgtp				
								(380-395) tr-1% PC schist	(380-490) 1-3% FeS2 dis			
					395-400							
					420-425							
					445-450							
								(450-490) 5-10% Tgtp				
					470-475							
			80		495-500		Tgtp	490-680 QUARTZ TRACHYTE FORPHYRY (490-510) tr-1% FeS2 dis lint green unaltered quartz, matrix				
									(510-635) 2-3% FeS2 dis &			
					520-525				Lodze			

DRILL CUTTING LOG

Logged by: _____

Contractor _____ Coordinates _____ Project _____ Hole No. RBB-420

Drill Type _____ Casing Depth _____ State _____ Sheet 4 of 7

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, Veinfill, Replacement)	TYPE	ASSAY Au	ASSAY Ag
			60	1	525-530		Tgtp					
					545-550							
					570-575							
					595-600							
					620-625							
									(635-680) 3-5% FeS_2 diss & loose			
					645-650							
					670-675							
			60				Ttp	680-1045 TRACHYTE PORPHYRY	(680-700) 2-3% FeS_2 diss & loose.			
					695-700							

DRILL CUTTING LOG

Logged by: _____

Contractor _____ Coordinates _____ Project _____ Hole No. RBB-120

Drill Type _____ Casing Depth _____ State _____ Sheet 5 of 7

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, Veinfill, Replacement)	TYPE	ASSAY Au	ASSAY Ag
			60		700-705		Tkp		(700-840) 1-2% FeS2 diss			
					720-725			(720-750) 3-5% Tgkp				
					745-750							
					775-775							
					795-800							
					820-825			(825-860) 1-3% PC schist				
					840-850				(840-900) 3-5% FeS2 diss + lenses			
					870-875							

DRILL CUTTING LOG

Logged by: _____

Contractor _____ Coordinates _____ Project _____ Hole No. R88-120

Drill Type _____ Casing Depth _____ State _____ Sheet 7 of 7

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, Veinfill, Replacement)	TYPE	ASSAY Au	ASSAY Ag
			10	1	1050-1055		PC					
								(1065 - 1095) 30-35% Tip				
					1070-1075							
					1095-1100			(1095 - 1155) 10-15% Tip				
					1120-1125							
					1145-1150							
								(1155 - 1185) 30-35% Tip				
					1170-1175							
					1180-1185							
							TD HOLE @ 1185'	- hydraulic fracture - injector pump broken - located on hauling bench need to get off. - H_2O to grav if any.				

DRILL CUTTING LOG

Logged by: _____

Contractor _____ Coordinates _____ Project _____ Hole No. RBS-120

Drill Type _____ Casing Depth _____ State _____ Sheet 6 of 7

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) 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 2 3	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
			60	1	875-880		Tkp					
					895-900				(900 - 1005) 2-3% FeS, diss			
					920-925							
								(935 - 975) matrix ↑ in silicification				
					945-950							
					970-975							
								(975 - 1045) 5-10% Tqtp				
								(990 - 995) 5-7% PC schist				
					995-1000			(995 - 1045) 40-45% PC schist				
									(1005 - 1185) tr - 1% FeS, diss			
					1020-1025							
					1045-1050			1045 - 1185 PRECAMBRIAN SCHIST				

DRILL CUTTING LOG

Logged by: _____