Contractor: TONTO | Coordinates: | Project: GILT EDGE | Hole No.: RBB-398

Drill Type: INGERSOL-RAND | Casing Depth: 40' | State: SOUTH DAKOTA | Sheet 1 of 3

Hole Size: | Bearing: — | Inclination: 90 | Date Started: 5-19-88 | Property: GILT EDGE

Collar Elev.: | Final Depth: ~~585'~~ 1200' | Date Completed: 5-20-88 | Hole Surveyed: NO

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
			1	3	0-5		FILL	0-25 FILL	0-55	OXIDE		
					20-25							
			60				Tkp	25-65 TRACHYTE PORPHYRY	(25-55) 1-2% pyrite			
					45-50							
				2					55-75	MIX	40-60% OXIDE tr FeS2	
			70				Tbxc	65-115 BRECCIA of Tkp, Cdh, Cdq, PC schist				
					70-75			(65-75) Cdh / Tkp				
				1				(75-95) Tkp, PC, cdq	75-120	SULFIDE	3-4% FeS2	
					95-100			(95-115) PC, Tkp				
			60				Tkp	115-145 TRACHYTE PORPHYRY, white phenos - dense, potassic matrix, crystals not well developed.	120-195	MIXED	3-7% OXIDE 6-2% FeS2	
				2	120-125							
			70		145-150		Tbxc	145-220 BRECCIA of Tkp, PC, Cdh, Cdq dominately PC 60-80%	(145-175)	30-40% OXIDE tr-2% FeS2		
					170-175							

DRILL CUTTING LOG

Logged by: Carlin

Contractor _____ Coordinates _____ Project _____ Hole No. 1288-398

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

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
			70	2	175-180		Tbxa		(175-220) 1-3% FeS2		
				1	195-200						
			10		220-225		PC	220-505 PRECAMBRIAN SCHIST w/ 10-15% Tbx	HIT H2O @ 225'		
							H2O	(230-245) 1-2% vein quartz			
					245-250						
					270-275				(270-275) 5-7% FeS2		
									(275-315) 1-4% FeS2		
					295-300				H2O = 40 gpm		
								(300-305) tr-1% vein quartz			
									(315-320) 5-7% FeS2		
					320-325				(320-335) 1-3% FeS2		
					345-350						

DRILL CUTTING LOG

Logged by: [illegible]

Contractor _____ Coordinates _____ Project _____ Hole No. 288-398

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

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
			10	1	350-355		PC				
					370-375						
					395-400						
					420-425			(420-435) tr-1% yellow clay			
									(435-440) 30-40% FeS_2		
									(440-505) tr-1% FeS_2		
					445-450						
					470-475						
									(490-495) FRACTURED		
					495-500			(490-500) vein quartz 3-4%			
					505			More back over hole 7/22/88	(505-515) 1% FeS_2		
								mica schist w/minor vein qtz			
									(515-530) 3% FeS_2		
					520-525						

DRILL CUTTING LOG

Logged by: [illegible]

Contractor: TONTO | Coordinates: | Project: | Hole No. R88-398

Drill Type: INGERSOLL RAND T4W | Casing Depth: | State: | Sheet 4 of

Hole Size: | Bearing: | Inclination: -90 | 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			pE	PRE CAMBRIAN (cont.)	SULFIDE (cont.)		
									(530-535) tr FeS_2		
								(535-575) gneissic texture w/ 5% vein qtz	(535-560) 4% FeS_2		
					545-550						
									(560-575) 2% FeS_2		
					570-575						
								(575-595) schist w/minor qtz <580-585> 3% vein qtz	(575-600) 1% FeS_2		
					595-600			(595-635) gneissic texture w/qtz vien 50% qtz matrix	(600-615) 3% FeS_2		
								<625-630> 10% vein qtz	(615-645) 2% FeS_2		
					620-625						
								(635-685) gneissic texture 30% qtz matrix			
					645-650				(645-730) 1% FeS_2		
								<650-655> 90% vein qtz or chert			
					670-675						
									(675-		
								(685-735) gneissic texture 25% qtz			
					695-700						

DRILL CUTTING LOG

Logged by: TMM 7/22/88

28
5)1400
10
40

Contractor: TONTO | Coordinates: | Project: | Hole No.: R88-398

Drill Type: | Casing Depth: | State: | Sheet 5 of

Hole Size: | Bearing: | Inclination: | Date Started: | Property: GILT EDGE

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
			10	1			pЄ	PRE CAMBRIAN (cont.)	SULFIDES (cont)		
					720-725						
									(730-745) 2% FeS_2		
			60				Ttp	735- TRACHYTE PORPHYRY pale yellowish gray matrix			
					745-750			<745-750> 60% Green alt.	(745-750) 4% FeS_2 (750-780) 3% FeS_2		
									<765-795> silver gray sulfide ½%		
					770-775						
									(780-815) 2% FeS_2		
								<785-795> small amount of biotite			
					795-800						
									(815-840) 1% FeS_2		
					820-825						
								(830-865) dk gray matrix			
									(840-865) 3% FeS_2, 7% silver gray		
					845-850			<850-855> 5% magnetite	<850-855> 5% Mag		
			10				pЄ	865-870 PRECAMBRIAN 95% magnetite	(865-840) 1% FeS_2		
			60		870-875		Ttp	870-885 TRACHYTE PORPHYRY			

DRILL CUTTING LOG

Logged by:

Contractor: TONTO | Coordinates: | Project: GILT EDGE | Hole No.: R88-398

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

Hole Size: | Bearing: | Inclination: | Date Started: | Property: GILTEDGE

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			Ttp	TRACHYTE PORPHYRY (cont.)	SULFIDE (cont.)			
								(880-885) 50% magnatite, massive & fracture filling				
			10				pE	885-985 PRE CAMBRIAN	(880-885) 3% FeS_2 w/magnatite			
								mafic fine grain, non magnetic	in fractures & vugs			
					895-900				(885-890) trace FeS_2			
									(910-915) 3% FeS_2			
									(915-920) trace			
					920-925				(920-925) 1% FeS_2			
									(925-930) trace			
									(930-935) 5% FeS_2			
									(935-965) ½% FeS_2			
					945-950							
									(965-985) trace			
					970-975							
			20				pE	985-990 PRECAMBRIAN CHERT	(985-990) 2% FeS_2			
			60				Ttp	990- TRACHYTE PORPHYRY	(990-995) 1% FeS_2			
				2	995-1000			med. gray matrix, phenos fresh to altered to white clay	995-1045 MIX			
									3% FeS_2 very fine diss			
									FeO_x an ~5% of sample			
					1020-1025							
			10	1	1045-1050		pE	1045-1065 Pre CAMBRIAN	1045-1070 SULFIDE			

DRILL CUTTING LOG

Logged by:

Contractor: TONTO | Coordinates: Loc HH1 | Project: GILT EDGE | Hole No.: R88-398

Drill Type: | Casing Depth: | State: | Sheet 7 of

Hole Size: | Bearing: | Inclination: | Date Started: | Property: GILT EDGE

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			pE	PRE CAMBRIAN (cont.)	SULFIDE (cont.) trace		
			60	2			Ttp	1065-1075 TRACHYTE	1065-1075 MIX 1% FeS_2 pervasive Orange FeOx		
			10	1	1070-1075		pE	1075-1200 PRECAMBRIAN fine grain, mafic, siliceous	1075-1200 SULFIDE (1075-1100) 1% FeS_2		
					1095-1100						
								(1100-1120) 10% Ttp	(1100-1160) 2% FeS_2		
								(1125-1130) 8% Ttp			
					1120-1125						
								(1140-1160) 20% vein qtz			
					1145-1150						
									(1160-1180) ½%		
					1170-1175						
								(1175-1190) 7% vein qtz.			
									(1180-1185) 20% FeOx Coated (1185-1200) 1% FeS_2		
					1195-1200						
					EOH						

DRILL CUTTING LOG

Logged by:

```
"TITLE 29-08-88 13:58:18 098-0650   J. BARRON            25/07/88"
"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=1105           Excessive Wetness   "
"  43 P23=   1           Sample Pickup       "
"REMARKS"
"  50 PRELIMINARY RESULTS ARE REPORTED.  SOME RESULTS"
"  51 MAY CHANGE.                                     "
"*****"
"FORMAT (A8,1X,A1,A1,1X,A20,1(1X,A7,A1))"
"BEGIN " "Type" "Frac" "Sample ID"          "    Au"
"06500001" "D" "2" "R88-398-505-510      "    0.007
"06500004" "D" "2" "R88-398-510-515      "    0.013
"06500005" "D" "2" "R88-398-515-520      "    0.017
"06500006" "D" "2" "R88-398-520-525      "    0.134
"06500007" "D" "2" "R88-398-525-530      "    0.127
"06500008" "D" "2" "R88-398-530-535      "    0.007
"06500009" "D" "2" "R88-398-535-540      "    0.029
"06500010" "D" "2" "R88-398-540-545      "    0.021
"06500011" "D" "2" "R88-398-545-550      "    0.026
"06500012" "D" "2" "R88-398-550-555      "    0.013
"06500013" "D" "2" "R88-398-555-560      "    0.026
"06500014" "D" "2" "R88-398-560-565      "    0.022
"06500015" "D" "2" "R88-398-565-570      "    0.018
"06500016" "D" "2" "R88-398-570-575      "    0.009
"06500017" "D" "2" "R88-398-575-580      "    0.004
"06500018" "D" "2" "R88-398-580-585      "    0.006
"06500019" "D" "2" "R88-398-585-590      "    0.003
"06500020" "D" "2" "R88-398-590-595      "    0.011
"06500021" "D" "2" "R88-398-595-600      "    0.005
"06500022" "D" "2" "R88-398-600-605      "    0.016
"06500023" "D" "2" "R88-398-605-610      "    0.010
"06500024" "D" "2" "R88-398-610-615      "    0.024
"06500025" "D" "2" "R88-398-615-620      "    0.014
"06500026" "D" "2" "R88-398-620-625      "    0.009
"06500029" "D" "2" "R88-398-625-630      "    0.007
"06500030" "D" "2" "R88-398-630-635      "    0.008
"06500031" "D" "2" "R88-398-635-640      "    0.010
"06500032" "D" "2" "R88-398-640-645      "    0.011
"06500033" "D" "2" "R88-398-645-650      "    0.013
"06500034" "D" "2" "R88-398-650-655      "    0.039
"06500035" "D" "2" "R88-398-655-660      "    0.009
"06500036" "D" "2" "R88-398-660-665      "    0.125
"06500037" "D" "2" "R88-398-665-670      "    0.004
"06500038" "D" "2" "R88-398-670-675      "    0.005
"06500039" "D" "2" "R88-398-675-680      "    0.004
"06500040" "D" "2" "R88-398-680-685      "    0.007
"06500041" "D" "2" "R88-398-685-690      "    0.051
"06500042" "D" "2" "R88-398-690-695      "    0.048
"06500043" "D" "2" "R88-398-695-700      "    0.007
"06500044" "D" "2" "R88-398-700-705      "    0.026
"06500045" "D" "2" "R88-398-705-710      "    0.017
"06500046" "D" "2" "R88-398-710-715      "    0.021
```

520-565
45' @ .045

5'

650-665
15' @ .058

685-720
35' @ .027

"06500047"	"D"	"2"	"R88-398-715-720	"	0.022
"06500048"	"D"	"2"	"R88-398-720-725	"	0.009
"06500049"	"D"	"2"	"R88-398-725-730	"	0.006
"06500050"	"D"	"2"	"R88-398-730-735	"	0.013
"06500051"	"D"	"2"	"R88-398-735-740	"	0.008
"06500054"	"D"	"2"	"R88-398-740-745	"	0.016
"06500055"	"D"	"2"	"R88-398-745-750	"	0.060 5'
"06500056"	"D"	"2"	"R88-398-750-755	"	0.018
"06500057"	"D"	"2"	"R88-398-755-760	"	0.011
"06500058"	"D"	"2"	"R88-398-760-765	"	0.010
"06500059"	"D"	"2"	"R88-398-765-770	"	0.007
"06500060"	"D"	"2"	"R88-398-770-775	"	0.015
"06500061"	"D"	"2"	"R88-398-775-780	"	0.055 5'
"06500062"	"D"	"2"	"R88-398-780-785	"	0.008
"06500063"	"D"	"2"	"R88-398-785-790	"	0.006
"06500064"	"D"	"2"	"R88-398-790-795	"	0.006
"06500065"	"D"	"2"	"R88-398-795-800	"	0.009
"06500066"	"D"	"2"	"R88-398-800-805	"	0.005

"END"

```
"TITLE 31-08-88 13:22:57 098-0650  J. BARRON              25/07/88"
"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    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=  60            Assay Prep          "
"  42 P64=1105            Excessive Wetness   "
"  43 P23=   1            Sample Pickup       "
"REMARKS"
"  50 FINAL RESULTS ARE REPORTED.  SOME RESULTS HAVE "
"  51 CHANGED FROM ORIGINAL RESULTS.                 "
"  52 (RESULT FOR SAMPLE 660-665 HAS BEEN CHANGED    "
"  53  TO .017 OPT.  WE COULD NOT REPRODUCE ORIGINAL "
"  54  RESULT OF .125 OPT.)                          "
"  55 3 SEPARATE RESULTS ARE REPORTED FOR ONE SAMPLE."
"  56 (ERRATIC RESULTS)                              "
"*****"
"FORMAT (A8,1X,A1,A1,1X,A20,3(1X,A7,A1))"
"BEGIN " "Type" "Frac" "Sample ID"          "    Au" "    Au" "    Au"
"06500001" "D" "2" "R88-398-505-510      "    0.007       -9       -9
"06500004" "D" "2" "R88-398-510-515      "    0.013       -9       -9
"06500005" "D" "2" "R88-398-515-520      "    0.017       -9       -9
"06500006" "D" "2" "R88-398-520-525      "    0.135       -9       -9
"06500007" "D" "2" "R88-398-525-530      "    0.120       -9       -9
"06500008" "D" "2" "R88-398-530-535      "    0.007       -9       -9
"06500009" "D" "2" "R88-398-535-540      "    0.029       -9       -9
"06500010" "D" "2" "R88-398-540-545      "    0.021       -9       -9
"06500011" "D" "2" "R88-398-545-550      "    0.026       -9       -9
"06500012" "D" "2" "R88-398-550-555      "    0.013       -9       -9
"06500013" "D" "2" "R88-398-555-560      "    0.026       -9       -9
"06500014" "D" "2" "R88-398-560-565      "    0.022       -9       -9
"06500015" "D" "2" "R88-398-565-570      "    0.018       -9       -9
"06500016" "D" "2" "R88-398-570-575      "    0.009       -9       -9
"06500017" "D" "2" "R88-398-575-580      "    0.004       -9       -9
"06500018" "D" "2" "R88-398-580-585      "    0.006       -9       -9
"06500019" "D" "2" "R88-398-585-590      "    0.003       -9       -9
"06500020" "D" "2" "R88-398-590-595      "    0.011       -9       -9
"06500021" "D" "2" "R88-398-595-600      "    0.005       -9       -9
"06500022" "D" "2" "R88-398-600-605      "    0.016       -9       -9
"06500023" "D" "2" "R88-398-605-610      "    0.010       -9       -9
"06500024" "D" "2" "R88-398-610-615      "    0.024       -9       -9
"06500025" "D" "2" "R88-398-615-620      "    0.014       -9       -9
"06500026" "D" "2" "R88-398-620-625      "    0.009       -9       -9
"06500029" "D" "2" "R88-398-625-630      "    0.007       -9       -9
"06500030" "D" "2" "R88-398-630-635      "    0.008       -9       -9
"06500031" "D" "2" "R88-398-635-640      "    0.010       -9       -9
"06500032" "D" "2" "R88-398-640-645      "    0.011       -9       -9
"06500033" "D" "2" "R88-398-645-650      "    0.013       -9       -9
"06500034" "D" "2" "R88-398-650-655      "    0.039       -9       -9
"06500035" "D" "2" "R88-398-655-660      "    0.009       -9       -9
"06500036" "D" "2" "R88-398-660-665      "    0.017       -9       -9
"06500037" "D" "2" "R88-398-665-670      "    0.002       -9       -9
"06500038" "D" "2" "R88-398-670-675      "    0.005       -9       -9
"06500039" "D" "2" "R88-398-675-680      "    0.004       -9       -9
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"06500040"	"D"	"2"	"R88-398-680-685 "	0.007	-9	-9
"06500041"	"D"	"2"	"R88-398-685-690 "	0.054	-9	-9
"06500042"	"D"	"2"	"R88-398-690-695 "	0.048	-9	-9
"06500043"	"D"	"2"	"R88-398-695-700 "	0.007	-9	-9
"06500044"	"D"	"2"	"R88-398-700-705 "	0.026	-9	-9
"06500045"	"D"	"2"	"R88-398-705-710 "	0.017	-9	-9
"06500046"	"D"	"2"	"R88-398-710-715 "	0.021	-9	-9
"06500047"	"D"	"2"	"R88-398-715-720 "	0.022	-9	-9
"06500048"	"D"	"2"	"R88-398-720-725 "	0.009	-9	-9
"06500049"	"D"	"2"	"R88-398-725-730 "	0.006	-9	-9
"06500050"	"D"	"2"	"R88-398-730-735 "	0.013	-9	-9
"06500051"	"D"	"2"	"R88-398-735-740 "	0.008	-9	-9
"06500054"	"D"	"2"	"R88-398-740-745 "	0.016	-9	-9
"06500055"	"D"	"2"	"R88-398-745-750 "	0.064	-9	-9
"06500056"	"D"	"2"	"R88-398-750-755 "	0.018	-9	-9
"06500057"	"D"	"2"	"R88-398-755-760 "	0.011	-9	-9
"06500058"	"D"	"2"	"R88-398-760-765 "	0.010	-9	-9
"06500059"	"D"	"2"	"R88-398-765-770 "	0.007	-9	-9
"06500060"	"D"	"2"	"R88-398-770-775 "	0.015	-9	-9
"06500061"	"D"	"2"	"R88-398-775-780 "	0.055	0.024	0.005
"06500062"	"D"	"2"	"R88-398-780-785 "	0.008	-9	-9
"06500063"	"D"	"2"	"R88-398-785-790 "	0.006	-9	-9
"06500064"	"D"	"2"	"R88-398-790-795 "	0.006	-9	-9
"06500065"	"D"	"2"	"R88-398-795-800 "	0.009	-9	-9
"06500066"	"D"	"2"	"R88-398-800-805 "	0.005	-9	-9

"END"

Bondar-Clegg, Inc.
12980 West Cedar Dr.
Lakewood, Colorado 80228
(303) 989-146

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 098-0615 (COMPLETE)

REFERENCE INFO: NONE LISTED

CLIENT: BROHM MINING CORP.
PROJECT: GILT EDGE

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

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold	45	0.002 OPT		Fire Assay

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	45	2 -150	45	Assay Prep	45
				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.
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Geochemical Lab Report

REPORT: 098-0615

PROJECT: GILT EDGE

SAMPLE NUMBER	ELEMENT UNITS Au OPT
D2 R88-398-0-5	0.053
D2 R88-398-5-10	0.024
D2 R88-398-10-15	0.032
D2 R88-398-15-20	0.054
D2 R88-398-20-25	0.021
D2 R88-398-25-30	0.011
D2 R88-398-30-35	0.014
D2 R88-398-35-40	0.018
D2 R88-398-40-45	0.025
D2 R88-398-45-50	0.026
D2 R88-398-50-55	0.010
D2 R88-398-55-60	0.011
D2 R88-398-60-65	0.010
D2 R88-398-65-70	0.020
D2 R88-398-70-75	0.045
D2 R88-398-75-80	0.018
D2 R88-398-80-85	0.022
D2 R88-398-85-90	0.029
D2 R88-398-90-95	0.020
D2 R88-398-95-100	0.016
D2 R88-398-100-105	0.022
D2 R88-398-105-110	0.031
D2 R88-398-110-115	0.039
D2 R88-398-115-120	0.044
D2 R88-398-120-125	0.028
D2 R88-398-125-130	0.026
D2 R88-398-130-135	0.015
D2 R88-398-135-140	0.056
D2 R88-398-140-145	0.036
D2 R88-398-145-150	0.008
D2 R88-398-150-155	0.033
D2 R88-398-155-160	0.072
D2 R88-398-160-165	0.055
D2 R88-398-165-170	0.037
D2 R88-398-170-175	0.034
D2 R88-398-175-180	0.062
D2 R88-398-180-185	0.092
D2 R88-398-185-190	0.013
D2 R88-398-190-195	0.011
D2 R88-398-195-200	0.011
D2 R88-398-200-205	0.029
D2 R88-398-205-210	0.018
D2 R88-398-210-215	0.014
D2 R88-398-215-220	0.028
D2 R88-398-220-225	0.037

0-25
25'@.037

40-50
10'@.025

65-185
120'@.036

200-365
165'@.033

Bondar-Clegg, Inc.
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BONDAR-CLEGG

Invoice : 12500, Page 1

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

Date : 22-AUG-88

Report No: 098-0615
Project : GILT EDGE
Reference: NONE LISTED

45 Analyses of Gold	at $ 6.50	$ 292.50	
Subtotal		$ 292.50	$ 292.50
Sample Preparation			
45 Samples of Assay Prep	at $ 3.00	$ 135.00	
1 Sample of Sample Pickup	at $12.00	$ 12.00	
Subtotal		$ 147.00	$ 147.00
Miscellaneous Charges			
4% S.D. STATE SALES TAX		$ 4.08	
2% DEADWOOD CITY SALES TAX		$ 2.04	
Subtotal		$ 6.12	$ 6.12
Invoice Total:			$ 445.62 U.S.

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ACCOUNTS DUE WHEN RENDERED

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

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 098-0616 (COMPLETE)

REFERENCE INFO: NONE LISTED

CLIENT: BROHM MINING CORP.
PROJECT: GILT EDGE

SUBMITTED BY: J. BARRON
DATE PRINTED: 15-AUG-88

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold	56	0.002 OPT		Fire Assay
2	Au	Gold	3	0.002 OPT		Fire Assay

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	56	2 -150	56	Assay Prep	56
				Excessive Wetness	1204
				Sample Pickup	1

REMARKS: FINAL RESULTS ARE REPORTED.

(SOME RESULTS HAVE CHANGED FROM PRELIMINARY RESULTS.)

2 SEPARATE ASSAY RESULTS ARE REPORTED FOR 3 SAMPLES.

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

INVOICE TO: MR. JIM BARRON

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

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 098-0616

PROJECT: GILT EDGE

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Au OPT
D2 R88-398-225-230		0.038	
D2 R88-398-230-235		0.039	
D2 R88-398-235-240		0.018	
D2 R88-398-240-245		0.040	
D2 R88-398-245-250		0.036	
D2 R88-398-250-255		0.031	
D2 R88-398-255-260		0.030	
D2 R88-398-260-265		0.030	
D2 R88-398-265-270		0.014	
D2 R88-398-270-275		0.016	
D2 R88-398-275-280		0.040	
D2 R88-398-280-285		0.038	
D2 R88-398-285-290		0.029	
D2 R88-398-290-295		0.026	
D2 R88-398-295-300		0.030	
D2 R88-398-300-305		0.039	
D2 R88-398-305-310		0.040	
D2 R88-398-310-315		0.030	
D2 R88-398-315-320		0.037	
D2 R88-398-320-325		0.020	
D2 R88-398-325-330		0.033	
D2 R88-398-330-335		0.017	
D2 R88-398-335-340		0.096	
D2 R88-398-340-345		0.041	
D2 R88-398-345-350		0.040	
D2 R88-398-350-355		0.032	
D2 R88-398-355-360		0.026	
D2 R88-398-360-365		0.044	
D2 R88-398-365-370		0.009	
D2 R88-398-370-375		0.011	
D2 R88-398-375-380		0.005	
D2 R88-398-380-385		0.014	
D2 R88-398-385-390		0.016	
D2 R88-398-390-395		0.009	
D2 R88-398-395-400		0.007	
D2 R88-398-400-405		0.027	
D2 R88-398-405-410		0.020	
D2 R88-398-410-415		0.037	
D2 R88-398-415-420		0.146	
D2 R88-398-420-425		0.197	0.305 (.251 AV)

200-365
165' @ .033

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Au OPT
D2 R88-398-425-430		0.171	
D2 R88-398-430-435		0.133	
D2 R88-398-435-440		0.380	0.433 (.406 AV)
D2 R88-398-440-445		0.354	0.483 (.418 AV)
D2 R88-398-445-450		0.097	
D2 R88-398-450-455		0.039	
D2 R88-398-455-460		0.007	
D2 R88-398-460-465		0.027	
D2 R88-398-465-470		0.036	
D2 R88-398-470-475		0.027	
D2 R88-398-475-480		0.019	
D2 R88-398-480-485		0.013	
D2 R88-398-485-490		0.032	
D2 R88-398-490-495		0.099	
D2 R88-398-495-500		0.020	
D2 R88-398-500-505		<0.002	

?

400-500 (INC. ORE ZONE)
100' @ .101

Bondar-Clegg, Inc.
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BONDAR-CLEGG

Invoice : 12511, Page 1

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

Date : 22-AUG-88

Report No: 098-0616
Project : GILT EDGE
Reference: NONE LISTED

3 Analyses of Gold	at $ 0.00	$ 0.00	
Subtotal		$ 0.00	$ 0.00
56 Analyses of Gold	at $ 6.50	$ 364.00	
Subtotal		$ 364.00	$ 364.00
Sample Preparation			
56 Samples of Assay Prep	at $ 3.00	$ 168.00	
1204 Samples of Excessive Wetness	at $ 0.15	$ 180.60	
1 Sample of Sample Pickup	at $12.00	$ 12.00	
Subtotal		$ 360.60	$ 360.60
Miscellaneous Charges			
4% S.D. STATE SALES TAX		$ 12.18	
2% DEADWOOD CITY SALES TAX		$ 6.09	
Subtotal		$ 18.27	$ 18.27

Invoice Total: $ 742.87 U.S.

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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: 098-0650 (COMPLETE)

REFERENCE INFO: NONE LISTED

CLIENT: BROHM MINING CORP.
PROJECT: GILT EDGE

SUBMITTED BY: J. BARRON
DATE PRINTED: 29-AUG-88

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold	60	0.002 OPT		Fire Assay
2	Au	Gold	1	0.002 OPT		Fire Assay
3	Au	Gold	1	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	1105
				Sample Pickup	1

REMARKS: FINAL RESULTS ARE REPORTED. SOME RESULTS HAVE CHANGED FROM ORIGINAL RESULTS.
(RESULT FOR SAMPLE 660-665 HAS BEEN CHANGED TO .017 OPT. WE COULD NOT REPRODUCE ORIGINAL RESULT OF .125 OPT.)

3 SEPARATE RESULTS ARE REPORTED FOR ONE SAMPLE.
(ERRATIC RESULTS)

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

INVOICE TO: MR. JIM BARRON

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

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 098-0650

PROJECT: GILT EDGE

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Au OPT	Au OPT	SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Au OPT	Au OPT
D2 R88-398-505-510		0.007			D2 R88-398-705-710		0.017		
D2 R88-398-510-515		0.013			D2 R88-398-710-715		0.021		
D2 R88-398-515-520		0.017			D2 R88-398-715-720		0.022		
D2 R88-398-520-525		0.135			D2 R88-398-720-725		0.009		
D2 R88-398-525-530		0.120			D2 R88-398-725-730		0.006		
D2 R88-398-530-535		0.007			D2 R88-398-730-735		0.013		
D2 R88-398-535-540		0.029			D2 R88-398-735-740		0.008		
D2 R88-398-540-545		0.021			D2 R88-398-740-745		0.016		
D2 R88-398-545-550		0.026			D2 R88-398-745-750		0.064		
D2 R88-398-550-555		0.013			D2 R88-398-750-755		0.018		
D2 R88-398-555-560		0.026			D2 R88-398-755-760		0.011		
D2 R88-398-560-565		0.022			D2 R88-398-760-765		0.010		
D2 R88-398-565-570		0.018			D2 R88-398-765-770		0.007		
D2 R88-398-570-575		0.009			D2 R88-398-770-775		0.015		
D2 R88-398-575-580		0.004			D2 R88-398-775-780		0.055	0.024	0.005
D2 R88-398-580-585		0.006			D2 R88-398-780-785		0.008		
D2 R88-398-585-590		0.003			D2 R88-398-785-790		0.006		
D2 R88-398-590-595		0.011			D2 R88-398-790-795		0.006		
D2 R88-398-595-600		0.005			D2 R88-398-795-800		0.009		
D2 R88-398-600-605		0.016			D2 R88-398-800-805		0.005		
D2 R88-398-605-610		0.010							
D2 R88-398-610-615		0.024							
D2 R88-398-615-620		0.014							
D2 R88-398-620-625		0.009							
D2 R88-398-625-630		0.007							
D2 R88-398-630-635		0.008							
D2 R88-398-635-640		0.010							
D2 R88-398-640-645		0.011							
D2 R88-398-645-650		0.013							
D2 R88-398-650-655		0.039							
D2 R88-398-655-660		0.009							
D2 R88-398-660-665		0.017							
D2 R88-398-665-670		0.002							
D2 R88-398-670-675		0.005							
D2 R88-398-675-680		0.004							
D2 R88-398-680-685		0.007							
D2 R88-398-685-690		0.054							
D2 R88-398-690-695		0.048							
D2 R88-398-695-700		0.007							
D2 R88-398-700-705		0.026							

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BONDAR-CLEGG

Invoice : 12587, Page 1

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

Date : 31-AUG-88

Report No: 098-0650
Project : GILT EDGE
Reference: NONE LISTED

1 Analyses of Gold	at $ 0.00	$ 0.00	
1 Analyses of Gold	at $ 0.00	$ 0.00	
Subtotal		$ 0.00	$ 0.00
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	
1105 Samples of Excessive Wetness	at $ 0.15	$ 165.75	
1 Sample of Sample Pickup	at $12.00	$ 12.00	
Subtotal		$ 357.75	$ 357.75
Miscellaneous Charges			
4% S.D. STATE SALES TAX		$ 0.48	
2% DEADWOOD CITY SALES TAX		$ 0.24	
Subtotal		$ 0.72	$ 0.72
Invoice Total:			$ 748.47 U.S.

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

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 098-0647 (COMPLETE)

REFERENCE INFO: NONE LISTED

CLIENT: BROHM MINING CORP.
PROJECT: GILT EDGE

SUBMITTED BY: J. BARRON
DATE PRINTED: 18-AUG-88

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold	21	0.002 OPT		Fire Assay

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	21	2 -150	21	Assay Prep	21
				Excessive Wetness	526
				Sample Pickup	1

REMARKS: FINAL RESULTS ARE REPORTED.

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

INVOICE TO: MR. JIM BARRON

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Lakewood, Colorado 80228
(303) 989-1404

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 098-0647

PROJECT: GILT EDGE

SAMPLE NUMBER	ELEMENT UNITS	Au OPT
D2 R88-398-805-810		0.004
D2 R88-398-810-815		<0.002
D2 R88-398-815-820		0.003
D2 R88-398-820-825		0.010
D2 R88-398-825-830		0.018
D2 R88-398-830-835		0.009
D2 R88-398-835-840		0.009
D2 R88-398-840-845		0.011
D2 R88-398-845-850		0.004
D2 R88-398-850-855		0.002
D2 R88-398-855-860		0.016
D2 R88-398-860-865		0.007
D2 R88-398-865-870		0.028 — 5'
D2 R88-398-870-875		0.017
D2 R88-398-875-880		0.009
D2 R88-398-880-885		0.017
D2 R88-398-885-890		0.029 — 885-895
D2 R88-398-890-895		0.069 — 10'@.049
D2 R88-398-895-900		0.016
D2 R88-398-900-905		0.019
D2 R88-398-905-910		0.006

Bondar-Clegg, Inc.
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BONDAR-CLEGG

Invoice : 12527, Page 1

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

Date : 22-AUG-88

Report No: 098-0647
Project : GILT EDGE
Reference: NONE LISTED

21 Analyses of Gold	at $ 6.50	$ 136.50	
Subtotal		$ 136.50	$ 136.50
Sample Preparation			
21 Samples of Assay Prep	at $ 3.00	$ 63.00	
526 Samples of Excessive Wetness	at $ 0.15	$ 78.90	
1 Sample of Sample Pickup	at $12.00	$ 12.00	
Subtotal		$ 153.90	$ 153.90
Miscellaneous Charges			
4% S.D. STATE SALES TAX		$ 0.48	
2% DEADWOOD CITY SALES TAX		$ 0.24	
Subtotal		$ 0.72	$ 0.72
Invoice Total:			$ 291.12 U.S.

KBC-398
(605-710)

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

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 098-0636 (COMPLETE)

REFERENCE INFO: NONE LISTED

CLIENT: BROHM MINING CORP.
PROJECT: GILT EDGE

SUBMITTED BY: J. BARRON
DATE PRINTED: 17-AUG-88

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold	56	0.002 OPT		Fire Assay

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	56	2 -150	56	Assay Prep	56
				Excessive Wetness	1459
				Sample Pickup	1

REMARKS: SAMPLES R88-398-1015-1020 AND 1020-1025,
"NO RETURN" WAS NOTED ON SAMPLE BAGS.

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: 098-0636

PROJECT: GILT EDGE

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	
D2 R88-398-910-915		0.019	
D2 R88-398-915-920		0.007	
D2 R88-398-920-925		0.014	
D2 R88-398-925-930		0.034	925-935
D2 R88-398-930-935		0.033	10' @ .034
D2 R88-398-935-940		0.009	
D2 R88-398-940-945		0.006	
D2 R88-398-945-950		0.005	
D2 R88-398-950-955		0.003	
D2 R88-398-955-960		0.002	
D2 R88-398-960-965		0.004	
D2 R88-398-965-970		0.003	
D2 R88-398-970-975		0.003	
D2 R88-398-975-980		<0.002	
D2 R88-398-980-985		0.005	
D2 R88-398-985-990		0.008	
D2 R88-398-990-995		0.010	
D2 R88-398-995-1000		0.005	
D2 R88-398-1000-1005		0.004	
D2 R88-398-1005-1010		0.009	
D2 R88-398-1010-1015		0.008	
D2 R88-398-1025-1030		0.010	
D2 R88-398-1030-1035		0.006	
D2 R88-398-1035-1040		0.004	
D2 R88-398-1040-1045		0.015	
D2 R88-398-1045-1050		0.021	5'
D2 R88-398-1050-1055		0.007	
D2 R88-398-1055-1060		<0.002	
D2 R88-398-1060-1065		0.004	
D2 R88-398-1065-1070		0.003	
D2 R88-398-1070-1075		0.010	
D2 R88-398-1075-1080		0.015	
D2 R88-398-1080-1085		0.009	
D2 R88-398-1085-1090		0.008	
D2 R88-398-1090-1095		0.054	1090-1100
D2 R88-398-1095-1100		0.048	10' @ .051
D2 R88-398-1100-1105		0.008	
D2 R88-398-1105-1110		0.003	
D2 R88-398-1110-1115		0.005	
D2 R88-398-1115-1120		0.006	
D2 R88-398-1120-1125		0.004	
D2 R88-398-1125-1130		0.012	
D2 R88-398-1130-1135		0.011	
D2 R88-398-1135-1140		0.006	
D2 R88-398-1140-1145		0.011	
D2 R88-398-1145-1150		0.007	
D2 R88-398-1150-1155		0.012	
D2 R88-398-1155-1160		0.020	
D2 R88-398-1160-1165		0.008	
D2 R88-398-1165-1170		0.007	
D2 R88-398-1170-1175		0.004	
D2 R88-398-1175-1180		0.003	
D2 R88-398-1180-1185		0.006	
D2 R88-398-1185-1190		0.006	
D2 R88-398-1190-1195		0.006	
D2 R88-398-1195-1200		0.013	

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

BONDAR-CLEGG

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

Invoice : 12519, Page 1

Date : 22-AUG-88

Report No: 098-0636
Project : GILT EDGE
Reference: NONE LISTED

56 Analyses of Gold	at $ 6.50	$ 364.00	
Subtotal		$ 364.00	$ 364.00
Sample Preparation			
56 Samples of Assay Prep	at $ 3.00	$ 168.00	
1459 Samples of Excessive Wetness	at $ 0.15	$ 218.85	
1 Sample of Sample Pickup	at $12.00	$ 12.00	
Subtotal		$ 398.85	$ 398.85
Miscellaneous Charges			
4% S.D. STATE SALES TAX		$ 13.71	
2% DEADWOOD CITY SALES TAX		$ 6.86	
Subtotal		$ 20.57	$ 20.57
Invoice Total:			$ 783.42 U.S.

THIS IS A PROFESSIONAL SERVICE
ACCOUNTS DUE WHEN RENDERED

Contractor: TONTO | Coordinates: | Project: GILT EDGE | Hole No.: RBB-398

Drill Type: INGERSOL-RAND | Casing Depth: 40' | State: SOUTH DAKOTA | Sheet 1 of 3

Hole Size: | Bearing: – | Inclination: 90 | Date Started: 5-19-88 | Property: GILT EDGE

Collar Elev.: | Final Depth: 505' | Date Completed: 5-20-88 | Hole Surveyed: NO.

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
			1	3	0-5		FILL	0-25 FILL	0-55	OXIDE		
					20-25							
			60				Tkp	25-65 TRACHYTE PORPHYRY	(25-55)	1-2% pyrite		
					45-50							
				2					55-75	MIX	40-60% OXIDE & FeS_2	
			70				Tbxa	65-115 BRECCIA of Tkp, Cdh, Cdq, PC schist				
					70-75			(65-75) Cdh / Tkp				
				1				(75-95) Tkp, PC, Cdq	75-120	SULFIDE	3-4% FeS_2	
					95-100			(95-115) PC, Tkp				
			60				Tkp	115-145 TRACHYTE PORPHYRY, white phenos - dense; patchy unaltered; oxidation not well developed.	120-195	MIXED	3-7% OXIDE & 1-2% FeS_2	
				2	120-125							
			70		145-150		Tbxa	145-220 BRECCIA of Tkp, Pc, Cdh, Cdq dominately PC 60-80%	(145-175)	30-40% OXIDE & 1-2% FeS_2		
					170-175							

DRILL CUTTING LOG

Logged by: [illegible]

Contractor _____ Coordinates _____ Project _____ Hole No. 1288-398

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

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
			70	2	175-180		Tbxa		(175-220) 1-3% FeS_2		
					195-200						
			10		220-225		PC	220-505 PRECAMBRIAN SCHIST w/ 10-15% Tbx	HIT H_2O @ 225'		
							H_2O	(230-245) 1-2% vein quartz			
					245-250						
					270-275				(270-275) 5-7% FeS_2 (275-315) 1-4% FeS_2		
					295-300			(300-305) tr-1% vein quartz	H_2O = 40 gpm		
					320-325				(315-320) 5-7% FeS_2 (320-345) 1-3% FeS_2		
					345-350						

DRILL CUTTING LOG

Logged by: [illegible]

Contractor _____ Coordinates _____ Project _____ Hole No. 288-398

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

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
			10	1	350-355		PC				
					370-375						
					395-400						
					420-425			(420 - 435) tr-1% yellow clay			
									(435 - 440) 30-40% FeS_2		
									(440 - 505) tr-1% FeS_2		
					445-450						
					470-475						
									(490 - 495) FRACTURED		
					495-500			(490 - 500) vein quartz 3-4%			
					500-505						
							TD HOLE @ 505'				

DRILL CUTTING LOG

Logged by: Carlin