Contractor: TONTO
Coordinates: 44,780.89 N 26,003.08 E SITE 197
Project: GILT EDGE
Hole No.: R88-528
Drill Type:
Casing Depth:
State:
Sheet 1 of
Hole Size:
Bearing: –
Inclination: 90
Date Started: 12.17.88
Property: GILT EDGE
Collar Elev.: 5324.5
Final Depth: 610'
Date Completed: 12.19.88
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, Veinlet, Replacement)	TYPE	ASSAY Au	ASSAY Ag
			1		0-5		FILL	0-30 FILL	0-20	OXIDE	.006	
											.006	
											.005	
								<NO RETURN>			NR	
				2	20-25				20-35	MIXED	.005	
											.006	
			60				Ttp	30-40 TRACHYTE PORPHYRY			.008	
									35-610	SULFIDE 1-2% FeS2	.004	
			10				PC	40-65 PRECAMBRIAN SCHIST			tr	
					45-50						.004	
											tr	
											.005	
											tr	
			60				Ttp	65-75 TRACHYTE PORPHYRY	(65-75) 3-4% FeS2		tr	
					70-75						tr	
			10				PC	75-155 PRECAMBRIAN SCHIST	(75-160) 1-2% FeS2		.003	
											tr	
											tr	
											tr	
					95-100						tr	
											tr	
											tr	
											.003	
											tr	
					120-125						tr	
											tr	
											tr	
											.005	
											.017	
					145-150						.002	
											tr	
			60				Ttp	155-180 TRACHYTE PORPHYRY			tr	
									(160-180) 2-3% FeS2		.005	
											.016	
					170-175						.018	

DRILL CUTTING LOG

Logged by:

Contractor _____ Coordinates _____ Project _____ Hole No. Z88-528

Drill Type _____ Casing Depth _____ State _____ Sheet 2 of 4

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		175-180		Ttp				.038	
			10				PC	180 - 200 PRECAMBRIAN SCHIST	(180 - 200) 1-2% FeS_2		.007	
											.005	
											.010	
					195-200						.004	
			60				Ttp	200 - 220 TRACHYTE PORPHYRY	(200 - 220) 2-4% FeS_2		.006	
											.030	
											.015	
											.008	
			10		220-225		PC	220 - 240 PRECAMBRIAN SCHIST	(220 - 295) 1-2% FeS_2		.004	
											.003	
											.003	
											.006	
			60				Ttp	240 - 245 TRACHYTE PORPHYRY			.007	
			10		245-250		PC	245 - 251 PRECAMBRIAN SCHIST			.006	
			60				Ttp	251 - 270 TRACHYTE PORPHYRY			tr	
											.004	
											tr	
											tr	
			10		270-275		PC	270 - 275 PRECAMBRIAN SCHIST			.005	
			60				Ttp	275 - 279 TRACHYTE PORPHYRY			.013	
											.017	
			10				PC	279 - 295 PRECAMBRIAN SCHIST			.012	
											.030	
			60		295-300		Ttp	295 - 300 TRACHYTE PORPHYRY	(295 - 365) 2-4% FeS_2		.014	
			10				PC	300 - 315 PRECAMBRAIN SCHIST			.010	
											.008	
											.008	
			60				Ttp	315 - 355 TRACHYTE PORPHYRY			.005	
					320-325						.007	
											.007	
											.002	
											tr	
											.007	
					345-350						.017	

DRILL CUTTING LOG

Logged by:

Contractor _____ Coordinates _____ Project _____ Hole No. RBS-528

Drill Type _____ Casing Depth _____ State _____ Sheet 3 of 4

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

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

DRILL CUTTING LOG

Logged by:

GRAPHIC LOGS: DISTANCE (feet)	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	Ag
			60		350-355		Ttp				.004	
			10				PC	355-455 PRECAMBRIAN SCHIST			.004	
											tr	
					370-375				(365-435) 1-2% FeS_2		.016	
											.008	
											.004	
											.004	
											.015	
					395-400						.003	
											tr	
											tr	
											tr	
											tr	
					420-425						tr	
											.009	
											tr	
											tr	
									(435-465) 2-3% FeS_2		.008	
											.015	
					445-450						.069	
											.025	
			20					455-465 PRECAMBRIAN CHERT			.013	
											.013	
			10					465-570 PRECAMBRIAN SCHIST	(465-485) 1-2% FeS_2		.009	
					470-475						.003	
											.013	
											.006	
									(485-495) 2-4% FeS_2		.014	
											.010	
					495-500				(495-530) 1-2% FeS_2		.005	
											.012	
											.011	
											.003	
											.032	
					520-525						.029	

Contractor _____ Coordinates _____ Project _____ Hole No. RBB-528

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

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
			10	1	525-530		PC			.017	
									(530 - 540) 5-7% FeS_2	.011	
										.033	
									(540 - 555) 2 - 4% FeS_2	.017	
					545-550					.012	
										.006	
									(555 - 580) 3-4% FeS_2	.010	
										.014	
										.013	
					570-575			570 - 580 PRECAMBRIAN CHERT		.009	
										.013	
								580 - 610 PRECAMBRIAN SCHIST	(580 - 585) 4-6% FeS_2	.017	
									(585 - 610) 2-4% FeS_2	.004	
										tr	
					595-600					.039	
										.007	
					605-610					.008	
								— HOLE TD @ 610'			

DRILL CUTTING LOG

Logged by:

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

BC
BONDAR-CLEGG

Geochemical Lab Report

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

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

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 098-1673 (COMPLETE)

REFERENCE INFO: NONE LISTED

CLIENT: BROHM MINING CORP.
PROJECT: NONE LISTED

SUBMITTED BY: J. BARRON
DATE PRINTED: 2-JAN-89

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold	5	0.002 OPT		Fire Assay

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	5	2 -150	5	Assay Prep	5
				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: 098-1673

PROJECT: NONE LISTED

SAMPLE NUMBER	ELEMENT UNITS	Au OPT
D2 R88-528-0-5		0.006
D2 R88-528-5-10		0.006
D2 R88-528-10-15		0.005
D2 R88-528-20-25		0.005
D2 R88-528-25-30		0.006

Bondar-Clegg, Inc.
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57732

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

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 098-1675 (COMPLETE)

REFERENCE INFO: NONE LISTED

CLIENT: BROHM MINING CORP.
PROJECT: NONE LISTED

SUBMITTED BY: J. BARRON
DATE PRINTED: 20-JAN-89

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold	65	0.002 OPT		Fire Assay

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	65	2 -150	65	Assay Prep	65
				Excessive Wetness	1200
				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.
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Lakewood, Colorado 80228
(303) 989-1404

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 098-1675

PROJECT: NONE LISTED

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	SAMPLE NUMBER	ELEMENT UNITS	Au OPT
D2 R88-528-30-35		0.008	D2 R88-528-230-235		0.003
D2 R88-528-35-40		0.004	D2 R88-528-235-240		0.006
D2 R88-528-40-45		<0.002	D2 R88-528-240-245		0.007
D2 R88-528-45-50		0.004	D2 R88-528-245-250		0.006
D2 R88-528-50-55		<0.002	D2 R88-528-250-255		<0.002
D2 R88-528-55-60		0.005	D2 R88-528-255-260		0.004
D2 R88-528-60-65		<0.002	D2 R88-528-260-265		<0.002
D2 R88-528-65-70		<0.002	D2 R88-528-265-270		<0.002
D2 R88-528-70-75		<0.002	D2 R88-528-270-275		0.005
D2 R88-528-75-80		0.003	D2 R88-528-275-280		0.013
D2 R88-528-80-85		<0.002	D2 R88-528-280-285		0.017
D2 R88-528-85-90		<0.002	D2 R88-528-285-290		0.012
D2 R88-528-90-95		<0.002	D2 R88-528-290-295		0.030
D2 R88-528-95-100		<0.002	D2 R88-528-295-300		0.014
D2 R88-528-100-105		<0.002	D2 R88-528-300-305		0.010
D2 R88-528-105-110		<0.002	D2 R88-528-305-310		0.008
D2 R88-528-110-115		0.003	D2 R88-528-310-315		0.008
D2 R88-528-115-120		<0.002	D2 R88-528-315-320		0.005
D2 R88-528-120-125		<0.002	D2 R88-528-320-325		0.007
D2 R88-528-125-130		<0.002	D2 R88-528-325-330		0.007
D2 R88-528-130-135		<0.002	D2 R88-528-330-335		0.002
D2 R88-528-135-140		0.005	D2 R88-528-335-340		<0.002
D2 R88-528-140-145		0.017	D2 R88-528-340-345		0.007
D2 R88-528-145-150		0.002	D2 R88-528-345-350		0.017
D2 R88-528-150-155		<0.002	D2 R88-528-350-355		0.004
D2 R88-528-155-160		<0.002			
D2 R88-528-160-165		0.005			
D2 R88-528-165-170		0.016			
D2 R88-528-170-175		0.018			
D2 R88-528-175-180		0.038			
D2 R88-528-180-185		0.007			
D2 R88-528-185-190		0.005			
D2 R88-528-190-195		0.010			
D2 R88-528-195-200		0.004			
D2 R88-528-200-205		0.006			
D2 R88-528-205-210		0.030			
D2 R88-528-210-215		0.015			
D2 R88-528-215-220		0.008			
D2 R88-528-220-225		0.004			
D2 R88-528-225-230		0.003			

Bondar-Clegg, Inc.
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Geochemical Lab Report

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

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 098-1683 (COMPLETE)

REFERENCE INFO: NONE LISTED

CLIENT: BROHM MINING CORP.
PROJECT: NONE LISTED

SUBMITTED BY: J. BARRON
DATE PRINTED: 9-JAN-89

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	1548

REMARKS: FINAL RESULTS ARE REPORTED.

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

INVOICE TO: MR. JIM BARRON

Bondar-Clegg, Inc.
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BONDAR-CLEGG

Geochemical Lab Report

REPORT: 098-1683

PROJECT: NONE LISTED

SAMPLE NUMBER	ELEMENT UNITS	Au OPT
D2 R88-528-355-360		0.004
D2 R88-528-360-365		<0.002
D2 R88-528-365-370		0.016
D2 R88-528-370-375		0.008
D2 R88-528-375-380		0.004
D2 R88-528-380-385		0.004
D2 R88-528-385-390		0.015
D2 R88-528-390-395		0.003
D2 R88-528-395-400		<0.002
D2 R88-528-400-405		<0.002
D2 R88-528-405-410		<0.002
D2 R88-528-410-415		<0.002
D2 R88-528-415-420		<0.002
D2 R88-528-420-425		0.009
D2 R88-528-425-430		<0.002
D2 R88-528-430-435		<0.002
D2 R88-528-435-440		0.008
D2 R88-528-440-445		0.015
D2 R88-528-445-450		0.069
D2 R88-528-450-455		0.025
D2 R88-528-455-460		0.013
D2 R88-528-460-465		0.013
D2 R88-528-465-470		0.009
D2 R88-528-470-475		0.003
D2 R88-528-475-480		0.013
D2 R88-528-480-485		0.006
D2 R88-528-485-490		0.014
D2 R88-528-490-495		0.010
D2 R88-528-495-500		0.005
D2 R88-528-500-505		0.012
D2 R88-528-505-510		0.011
D2 R88-528-510-515		0.003
D2 R88-528-515-520		0.032
D2 R88-528-520-525		0.029
D2 R88-528-525-530		0.017
D2 R88-528-530-535		0.011
D2 R88-528-535-540		0.033
D2 R88-528-540-545		0.017
D2 R88-528-545-550		0.012
D2 R88-528-550-555		0.006
D2 R88-528-555-560		0.010
D2 R88-528-560-565		0.014
D2 R88-528-565-570		0.013
D2 R88-528-570-575		0.009
D2 R88-528-575-580		0.013
D2 R88-528-580-585		0.017
D2 R88-528-585-590		0.004
D2 R88-528-590-595		<0.002
D2 R88-528-595-600		0.039
D2 R88-528-600-605		0.007
D2 R88-528-605-610		0.008

445-455
10' @ .047

515-540
25' @ .024

5' @ .039