Contractor: LANG
Coordinates: 45938.43' / 26531.13' SITE 178
Project: GILT EDGE
Hole No.: R88-490
Drill Type:
Casing Depth:
State: SD
Sheet 1 of 8
Hole Size:
Bearing: —
Inclination: 90
Date Started:
Property: GILT EDGE
Collar Elev.: 5580.80'
Final Depth: 1260'
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
			80	2	0-5		Tqtp	0 – 135 QUARTZ TRACHYTE PORPHYRY	0 – 125	OXIDE	.015	
											.008	
											tr	
											tr	
					20-25						.005	
											.005	
											.005	
											.023	
											.057	
					45-50						.005	
											.018	
											.016	
											.025	
											.017	
					70-75						.013	
											.028	
											.026	
											.037	
											.018	
					95-100						.012	
											.008	
											.019	
											.003	
											.002	
					120-125						tr	
				2					125 – 235 MIXED 25-30%		.034	
									OXIDE tr – 1% FeS_2		.038	
			60				Ttp	135 – 155 TRACHYTE PORPHYRY	135 – 155 SULFIDE 2-4% FeS_2		.076	
									(140 – 155) 4-6% FeS_2		.032	
					145-150						.040	
											.065	
			70				Tbxa	155 – 205 BRECCIA of Ttp (dominate)	175 – 235 MIXED 1-2% FeS_2		.087	
								w/ pieces of Cdh, PC	50 – 60% OXIDE		.018	
											.012	
					170-175						.009	

DRILL CUTTING LOG

Logged by:

Contractor _____ Coordinates _____ Project _____ Hole No. EBB - 490

Drill Type _____ Casing Depth _____ State _____ Sheet 2 of 8

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
			70	2	175-180		Tbx2			.008	
										.016	
										.011	
										.009	
					195-200					.030	
										.033	
			60				Tbp	205 - 290 TRACHYTE PORPHYRY		.016	
										.027	
										.015	
					220-225					.013	
										.014	
										.003	
				1					235 - 285 SULFIDE 2-4%	.005	
									FeS_2, 20-25% OXIDE	.019	
					245-250					.017	
										.014	
										.015	
									(260-285) 2-3% OXIDE,	.011	
								(265-285) 3-5% PC schist.	4-5% FeS_2	.008	
					270-275					.015	
										.005	
										.008	
				2				(285-290) 30-40% PC schist	285 - 395 MIXED tr-1%	.017	
			10				PC	290 - 350 PRECAMBRIAN SCHIST	FeS_2, 60-80% OXIDE	.008	
					295-300			w/ 5-10% Tbp		.004	
										.029	
										.036	
										.026	
										.022	
					320-325					.027	
										.018	
									330 - 365 FRACTURED.	.010	
										.016	
										.007	
					345-350					.010	

DRILL CUTTING LOG

Logged by:

Contractor _____ Coordinates _____ Project _____ Hole No. RBB-490

Drill Type _____ Casing Depth _____ State _____ Sheet 3 of 8

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	2	350-355		Tkp	350 – 490 TRACHYTE PORPHYRY		.018	
										.016	
										.011	
									(365-395) tr-1% FeS_2,	.008	
					370-375				5 – 20% OXIDE.	.011	
										.024	
										.059	
										.029	
										.019	
				/	395-400				395 – 490 SULFIDE 2-3% FeS_2	.014	
									1-5% OXIDE	.019	
								(405 – 440) 2-6% PC schist	(405 – 430) 2-4% FeS_2	.019	
										.029	
										.036	
					420-425					.021	
										.013	
									(430 – 455) 4-6% FeS_2	.012	
									1-2% OXIDE	.029	
										.012	
					445-450					.014	
										.022	
								(455 – 490) 1-3% PC schist	(455 – 490) 2-3% FeS_2	.017	
									15-20% OXIDE	.008	
										.009	
					470-475					.015	
										.010	
										.008	
										.025	
			70	2			Tbxa	490 – 735 BRECCIA of Tkp (dominate)	490 – 600 MIXED tr-1% FeS_2	.018	
					495-500			w/ Tgtp & PC schist	60-70% OXIDE	.016	
								(500 – 600) Breccia of Tkp		.027	
								with pc schist w/ PC		.025	
										.034	
										.043	
					520-525					.026	

DRILL CUTTING LOG

Logged by:

Contractor _____ Coordinates _____ Project _____ Hole No. RBB-490

Drill Type _____ Casing Depth _____ State _____ Sheet 4 of 8

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
			70	2	525-530		Tbxa				.042	
											.043	
											.048	
											.059	
					545-550						.028	
											.028	
											.012	
											.010	
											.016	
					570-575						.018	
											.020	
											.023	
											.014	
								(590 - 610) PC schist increases 30-40% chips			.024	
					595-600						.020	
											.012	
											.015	
								(610 - 640) Ttp			.014	
											.011	
					620-625						.020	
											.013	
											.017	
											.023	
								(640 - 670) Ttp dominate w/ Tqtp, PC schist.			.024	
					645-650						.011	
									650 - 660 FRACTURED.		.019	
											.024	
											.204	
											.027	
					670-675			(670 - 735) Tqtp (dominate) Ttp			.029	
											.035	
											.022	
											.014	
									690-695 FRACTURED		.047	
					695-700						.041	

DRILL CUTTING LOG

Logged by:

Contractor _____ Coordinates _____ Project _____ Hole No. R88-490

Drill Type _____ Casing Depth _____ State _____ Sheet 5 of 8

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
			70	2	700-705		Tbxa				.039	
											.039	
											.045	
											.038	
					720-725						.025	
											.017	
											.016	
			80				Tqtp	735-765 QUARTZ TRACHYTE PORPHYRY			.032	
											.042	
					745-750				745-760 FRACTURED		.017	
											.030	
											.013	
											.012	
			70				Tbxa	765-805 BRECCIA Tqtp (dominate)			.009	
					770-775			w/ Tkp.			.003	
									775-785 FRACTURED		.063	
											.004	
											.008	
											.015	
					795-800						.011	
											.006	
			80				Tqtp	805- QUARTZ TRACHYTE PORPHYRY (805-910) tr-1% FeS2,			.006	
								- quartz phenos w/ embayments	3-5% OXIDE		.003	
								- albite tr-1% phenos and/or			.006	
					820-825			groundmass;	820-840 FRACTURED		.002	
											.005	
											tr	
											.009	
											.003	
					845-850						.005	
											.002	
											.002	
											.006	
									865-885 FRACTURED		tr	
					870-875						.002	

DRILL CUTTING LOG

Logged by:

Contractor _____ Coordinates _____ Project _____ Hole No. R88-490

Drill Type _____ Casing Depth _____ State _____ Sheet 6 of 8

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
			80	2	875-880		Tgtp			.003	
										.003	
										.003	
										tr	
					895-900					tr	
										tr	
									910 - 915 FRACTURED	.002	
									(910 -955) tr-1% FeS2, 30-40%	.011	
									OXIDE	tr	
					920-925					tr	
									925 -930 FRACTURED	tr	
										.003	
										tr	
										.008	
					945-950					.006	
										tr	
									(955 - 975) tr - 1% FeS2, 3-5%	.002	
									OXIDE	tr	
										tr	
					970-975					.003	
									975 - 985 FRACTURED.	.002	
									(975 -985) tr-1% FeS2,	.006	
									10-20% OXIDE	tr	
									(985 - 1005) tr -1% FeS2,	.002	
					995-1000				1-5% OXIDE.	.002	
								(1000 - 1010) dk. gray matrix	1000 -1025 FRACTURED	tr	
									1005 - SULFIDE 1-2%	tr	
								(1010 - 1020) lime green matrix	FeS2	tr	
										.005	
					1020-1025			(1020 - 1075) dk. gray matrix		tr	
										tr	
										.003	
										tr	
										tr	
					1045-1050					.004	

DRILL CUTTING LOG

Logged by:

Contractor _____ Coordinates _____ Project _____ Hole No. R88-490

Drill Type _____ Casing Depth _____ State _____ Sheet 7 of 8

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
			801		1050-1055		Tgtp			tr	
										tr	
										tr	
										tr	
					1070-1075					.003	
								(1075-1095) lime green matrix		tr	
										.013	
									1085-1095 FRACTURED	.003	
									(1085-1095) tr-1% FeS_2, 3-5%	.006	
					1095-1100			(1095-1190) dk. gray matrix	OXIDE.	.007	
									(1095-1205) tr-1% FeS_2	.003	
										tr	
									1110-1155 FRACTURED	.002	
										tr	
					1120-1125					.006	
										.007	
										.011	
										.006	
										.002	
					1145-1150					tr	
										tr	
										.004	
										tr	
										tr	
					1170-1175					tr	
										.003	
									1180-1225 FRACTURED	.002	
										.002	
								(1190-1260) med. gray matrix		tr	
					1195-1200					.001	
										.008	
									(1205-1220) tr-1% FeS_2, 10-15%	.011	
									OXIDE.	.006	
										.004	
					1220-1225				(1220-1260) tr-1% FeS_2, 4-5% OXIDE	.007	

DRILL CUTTING LOG

Logged by:

Contractor _____ Coordinates _____ Project _____ Hole No. R88-490

Drill Type _____ Casing Depth _____ State _____ Sheet 8 of 8

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
			80	1	1225-1230		Bkp				.012	
											.014	
											.007	
											.008	
					1245-1250						.009	
			✓	1	1255-1260		✓				.008	
											.015	
								HOLE TD @ 1260'				

DRILL CUTTING LOG

Logged by:

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

BC
BONDAR-CLEGG

Geochemical Lab Report

REPORT: 098-1405 (COMPLETE)

REFERENCE INFO: NONE LISTED

CLIENT: BROHM MINING CORP.
PROJECT: NONE LISTED

SUBMITTED BY: J. BARRON
DATE PRINTED: 30-NOV-88

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au Gold	49	0.002 OPT		Fire Assay
2	Au BCI Au (Bondar-Clegg)	5	0.002 OPT		Fire Assay

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	49	2 -150	49	Assay Prep	49
				Excessive Wetness	817
				Sample Pickup	1

REMARKS: WORK PERFORMED AT OUTSIDE LAB.

BONDAR-CLEGG CHECKS IN 2ND COLUMN.

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: 098-1405

PROJECT: NONE LISTED

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Au BCI OPT
D2 R88-490-1015-1020		0.004	0.005
D2 R88-490-1020-1025		<0.002	
D2 R88-490-1025-1030		<0.002	
D2 R88-490-1030-1035		0.003	
D2 R88-490-1035-1040		<0.002	
D2 R88-490-1040-1045		<0.002	
D2 R88-490-1045-1050		0.004	
D2 R88-490-1050-1055		<0.002	
D2 R88-490-1055-1060		<0.002	
D2 R88-490-1060-1065		<0.002	
D2 R88-490-1065-1070		<0.002	
D2 R88-490-1070-1075		0.003	
D2 R88-490-1075-1080		<0.002	
D2 R88-490-1080-1085		0.012	0.013
D2 R88-490-1085-1090		0.003	
D2 R88-490-1090-1095		0.006	
D2 R88-490-1095-1100		0.007	
D2 R88-490-1100-1105		0.003	
D2 R88-490-1105-1110		<0.002	
D2 R88-490-1110-1115		0.002	
D2 R88-490-1115-1120		<0.002	
D2 R88-490-1120-1125		0.006	
D2 R88-490-1125-1130		0.007	
D2 R88-490-1130-1135		0.011	
D2 R88-490-1135-1140		0.005	0.007 — .006
D2 R88-490-1140-1145		0.002	
D2 R88-490-1145-1150		<0.002	
D2 R88-490-1150-1155		<0.002	
D2 R88-490-1155-1160		0.004	
D2 R88-490-1160-1165		<0.002	
D2 R88-490-1165-1170		<0.002	
D2 R88-490-1170-1175		<0.002	
D2 R88-490-1175-1180		0.003	
D2 R88-490-1180-1185		0.002	
D2 R88-490-1185-1190		0.002	
D2 R88-490-1190-1195		<0.002	
D2 R88-490-1195-1200		<0.002	0.003
D2 R88-490-1200-1205		0.008	
D2 R88-490-1205-1210		0.011	
D2 R88-490-1210-1215		0.006	
D2 R88-490-1215-1220		0.004	
D2 R88-490-1220-1225		0.007	
D2 R88-490-1225-1230		0.012	
D2 R88-490-1230-1235		0.012	0.016 — .014
D2 R88-490-1235-1240		0.007	
D2 R88-490-1240-1245		0.008	
D2 R88-490-1245-1250		0.009	
D2 R88-490-1250-1255		0.008	
D2 R88-490-1255-1260		0.015	

Bondar-Clegg, Inc.
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BONDAR-CLEGG

Geochemical Lab Report

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MR. JIM BARRON
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DEADWOOD, SD
57732

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

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 098-1403 (COMPLETE)

REFERENCE INFO: NONE LISTED

CLIENT: BROHM MINING CORP.
PROJECT: NONE LISTED

SUBMITTED BY: J. BARRON
DATE PRINTED: 30-NOV-88

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au Gold	60	0.002 OPT		Fire Assay
2	Au BCI Au (Bondar-Clegg)	6	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	817
				Sample Pickup	1

REMARKS: WORK PERFORMED AT OUTSIDE LAB.

BONDAR-CLEGG CHECKS IN 2ND COLUMN.

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: 098-1403

PROJECT: NONE LISTED

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Au BCI OPT
D2 R88-490-715-720		0.039	0.037 — .038
D2 R88-490-720-725		0.025	
D2 R88-490-725-730		0.017	
D2 R88-490-730-735		0.016	
D2 R88-490-735-740		0.032	
D2 R88-490-740-745		0.042	
D2 R88-490-745-750		0.017	
D2 R88-490-750-755		0.030	
D2 R88-490-755-760		0.013	
D2 R88-490-760-765		0.012	
D2 R88-490-765-770		0.009	
D2 R88-490-770-775		0.003	
D2 R88-490-775-780		0.003	
D2 R88-490-780-785		0.004	
D2 R88-490-785-790		0.008	
D2 R88-490-790-795		0.017	0.012 — .015
D2 R88-490-795-800		0.011	
D2 R88-490-800-805		0.006	
D2 R88-490-805-810		0.006	
D2 R88-490-810-815		0.003	
D2 R88-490-815-820		0.006	
D2 R88-490-820-825		0.002	
D2 R88-490-825-830		0.005	
D2 R88-490-830-835		<0.002	
D2 R88-490-835-840		0.009	0.008
D2 R88-490-840-845		0.003	
D2 R88-490-845-850		0.005	
D2 R88-490-850-855		0.002	
D2 R88-490-855-860		0.002	
D2 R88-490-860-865		0.006	
D2 R88-490-865-870		<0.002	
D2 R88-490-870-875		0.002	
D2 R88-490-875-880		0.003	
D2 R88-490-880-885		0.003	
D2 R88-490-885-890		0.003	
D2 R88-490-890-895		<0.002	
D2 R88-490-895-900		<0.002	<0.002 tr
D2 R88-490-900-905		<0.002	
D2 R88-490-905-910		0.002	
D2 R88-490-910-915		0.011	
D2 R88-490-915-920		<0.002	
D2 R88-490-920-925		<0.002	
D2 R88-490-925-930		<0.002	
D2 R88-490-930-935		0.003	
D2 R88-490-935-940		<0.002	
D2 R88-490-940-945		0.009	0.006 — .008
D2 R88-490-945-950		0.006	
D2 R88-490-950-955		<0.002	
D2 R88-490-955-960		0.002	
D2 R88-490-960-965		<0.002	
D2 R88-490-965-970		<0.002	
D2 R88-490-970-975		0.003	
D2 R88-490-975-980		0.002	
D2 R88-490-980-985		0.009	0.004 — .006
D2 R88-490-985-990		<0.002	
D2 R88-490-990-995		0.002	
D2 R88-490-995-1000		0.002	
D2 R88-490-1000-1005		<0.002	
D2 R88-490-1005-1010		<0.002	
D2 R88-490-1010-1015		<0.002	

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: 098-1402 (COMPLETE)

REFERENCE INFO: NONE LISTED

CLIENT: BROHM MINING CORP.
PROJECT: NONE LISTED

SUBMITTED BY: J. BARRON
DATE PRINTED: 21-NOV-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	1111
				Sample Pickup	1

REMARKS: FINAL RESULTS NOW ALL REPORTED.

THREE SEPARATE ASSAY RESULTS REPORTED FOR ONE SAMPLE.

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: 098-1402

PROJECT: NONE LISTED

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Au OPT	Au OPT	SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Au OPT	Au OPT
D2 R88-490-415-420		0.036			D2 R88-490-615-620		0.011		
D2 R88-490-420-425		0.021			D2 R88-490-620-625		0.020		
D2 R88-490-425-430		0.013			D2 R88-490-625-630		0.013		
D2 R88-490-430-435		0.012			D2 R88-490-630-635		0.017		
D2 R88-490-435-440		0.029			D2 R88-490-635-640		0.023		
D2 R88-490-440-445		0.012			D2 R88-490-640-645		0.024		
D2 R88-490-445-450		0.014			D2 R88-490-645-650		0.011		
D2 R88-490-450-455		0.022			D2 R88-490-650-655		0.019		
D2 R88-490-455-460		0.017			D2 R88-490-655-660		0.024		
D2 R88-490-460-465		0.008			D2 R88-490-660-665		0.273	0.205	0.134 -.204
D2 R88-490-465-470		0.009			D2 R88-490-665-670		0.027		
D2 R88-490-470-475		0.015			D2 R88-490-670-675		0.029		
D2 R88-490-475-480		0.010			D2 R88-490-675-680		0.035		
D2 R88-490-480-485		0.008			D2 R88-490-680-685		0.022		
D2 R88-490-485-490		0.025			D2 R88-490-685-690		0.014		
D2 R88-490-490-495		0.018			D2 R88-490-690-695		0.047		
D2 R88-490-495-500		0.016			D2 R88-490-695-700		0.041		
D2 R88-490-500-505		0.027			D2 R88-490-700-705		0.039		
D2 R88-490-505-510		0.025			D2 R88-490-705-710		0.039		
D2 R88-490-510-515		0.034			D2 R88-490-710-715		0.045		
D2 R88-490-515-520		0.043							
D2 R88-490-520-525		0.026							
D2 R88-490-525-530		0.042							
D2 R88-490-530-535		0.043							
D2 R88-490-535-540		0.048							
D2 R88-490-540-545		0.059							
D2 R88-490-545-550		0.028							
D2 R88-490-550-555		0.028							
D2 R88-490-555-560		0.012							
D2 R88-490-560-565		0.010							
D2 R88-490-565-570		0.016							
D2 R88-490-570-575		0.018							
D2 R88-490-575-580		0.020							
D2 R88-490-580-585		0.023							
D2 R88-490-585-590		0.014							
D2 R88-490-590-595		0.024							
D2 R88-490-595-600		0.020							
D2 R88-490-600-605		0.012							
D2 R88-490-605-610		0.015							
D2 R88-490-610-615		0.014							

Bondar-Clegg, Inc.
12980 West Cedar Dr.
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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: 098-1399 (COMPLETE)

REFERENCE INFO: NONE LISTED

CLIENT: BROHM MINING CORP.
PROJECT: NONE LISTED

SUBMITTED BY: J. BARRON
DATE PRINTED: 10-NOV-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

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	60	2 -150	60	Assay Prep	60
				Excessive Wetness	1056
				Sample Pickup	1

REMARKS: FINAL RESULTS ARE REPORTED.

2 SEPARATE ASSAY RESULTS REPORTED FOR 1 SAMPLE.

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: 098-1399

PROJECT: NONE LISTED

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Au OPT
D2 R88-490-115-120		0.002	
D2 R88-490-120-125		<0.002	
D2 R88-490-125-130		0.034	
D2 R88-490-130-135		0.038	
D2 R88-490-135-140		0.076	
D2 R88-490-140-145		0.032	
D2 R88-490-145-150		0.040	
D2 R88-490-150-155		0.033	0.102
D2 R88-490-155-160		0.087	
D2 R88-490-160-165		0.018	
D2 R88-490-165-170		0.012	
D2 R88-490-170-175		0.009	
D2 R88-490-175-180		0.008	
D2 R88-490-180-185		0.016	
D2 R88-490-185-190		0.011	
D2 R88-490-190-195		0.009	
D2 R88-490-195-200		0.030	
D2 R88-490-200-205		0.033	
D2 R88-490-205-210		0.016	
D2 R88-490-210-215		0.027	
D2 R88-490-215-220		0.015	
D2 R88-490-220-225		0.013	
D2 R88-490-225-230		0.014	
D2 R88-490-230-235		0.003	
D2 R88-490-235-240		0.005	
D2 R88-490-240-245		0.019	
D2 R88-490-245-250		0.017	
D2 R88-490-250-255		0.014	
D2 R88-490-255-260		0.015	
D2 R88-490-260-265		0.011	
D2 R88-490-265-270		0.008	
D2 R88-490-270-275		0.015	
D2 R88-490-275-280		0.005	
D2 R88-490-280-285		0.008	
D2 R88-490-285-290		0.017	
D2 R88-490-290-295		0.008	
D2 R88-490-295-300		0.004	
D2 R88-490-300-305		0.029	
D2 R88-490-305-310		0.036	
D2 R88-490-310-315		0.026	
D2 R88-490-315-320		0.022	
D2 R88-490-320-325		0.027	
D2 R88-490-325-330		0.018	
D2 R88-490-330-335		0.010	
D2 R88-490-355-340		0.016	
D2 R88-490-340-345		0.007	
D2 R88-490-345-350		0.010	
D2 R88-490-350-355		0.018	
D2 R88-490-355-360		0.016	
D2 R88-490-360-365		0.011	
D2 R88-490-365-370		0.008	
D2 R88-490-370-375		0.011	
D2 R88-490-375-380		0.024	
D2 R88-490-380-385		0.059	
D2 R88-490-385-390		0.029	
D2 R88-490-390-395		0.019	
D2 R88-490-395-400		0.014	
D2 R88-490-400-405		0.019	
D2 R88-490-405-410		0.019	
D2 R88-490-410-415		0.029	

Bondar-Clegg, Inc.
12980 West Cedar Dr.
Lakewood, Colorado 80228
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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: 098-1398 (COMPLETE)

REFERENCE INFO: NONE LISTED

CLIENT: BROHM MINING CORP.
PROJECT: NONE LISTED

SUBMITTED BY: J. BARRON
DATE PRINTED: 8-NOV-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	121
				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: 098-1398

PROJECT: NONE LISTED

SAMPLE NUMBER	ELEMENT UNITS	Au OPT
D2 R88-490-0-5		0.015
D2 R88-490-5-10		0.008
D2 R88-490-10-15		<0.002
D2 R88-490-15-20		<0.002
D2 R88-490-20-25		0.005
D2 R88-490-25-30		0.005
D2 R88-490-30-35		0.005
D2 R88-490-35-40		0.023
D2 R88-490-40-45		0.057
D2 R88-490-45-50		0.005
D2 R88-490-50-55		0.018
D2 R88-490-55-60		0.016
D2 R88-490-60-65		0.025
D2 R88-490-65-70		0.017
D2 R88-490-70-75		0.013
D2 R88-490-75-80		0.028
D2 R88-490-80-85		0.026
D2 R88-490-85-90		0.037
D2 R88-490-90-95		0.018
D2 R88-490-95-100		0.012
D2 R88-490-100-105		0.008
D2 R88-490-105-110		0.019
D2 R88-490-110-115		0.003

LAB. REPORT NO. 098-1403

BONDAR-CLEGG INC.

12980 W. CEDAR DR., LAKEWOOD, CO. 80228 PHONE: 989-1404 TELEX: 45-693

SAMPLE SHIPMENT NOTICE

Date Shipped 10/26/88 Via _____ ☐ Prepaid or ☐ Collect

Parcels in Shipment _____ TOTAL NUMBER OF SAMPLES 60

GEOLOGIST'S NAME JIM BARRON PHONE NUMBER _____ PROJECT NAME OR NUMBER _____

Samples Type	# Samples	Sample Numbers (Series)	ELEMENTS TO BE ANALYZED Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	Ore test
DC	60	488-490	Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	X	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
wet		715-720	Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
		1010-1015	Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test

Please analyze by { X ☐ assay (%, ore grade) / ☐ geochemical (ppm, trace level) } methods, the enclosed ☐ { prepared / X ☐ unprepared } samples

☐ DO NOT ASSAY GEOCHEMICAL OVERLIMITS

COMMENTS _____

PLEASE INDICATE SAMPLE DISPOSITION

COARSE REJECTS

☐ DISCARD AFTER ANALYSIS COMPLETE
X ☐ RETURN COD AFTER ANALYSIS COMPLETE
☐ STORE 60 DAYS-DISCARD
STORAGE CHARGE WILL BE ASSESSED AFTER 60 DAYS

PULPS

☐ DISCARD AFTER ANALYSIS COMPLETE
X ☐ RETURN COD AFTER ANALYSIS COMPLETE
☐ STORE 1 YEAR-RETURN COD
STORAGE CHARGE WILL BE ASSESSED AFTER 1 YEAR

RESULTS, INVOICES AND SAMPLES TO BE SENT TO:

☐ Results JIM BARRON
☐ Invoices BROAM
☐ Pulps _____
☐ Rejects _____

☐ Results _____
☐ Invoices _____
☐ Pulps _____
☐ Rejects _____

☐ Results _____
☐ Invoice _____
☐ Pulps _____
☐ Rejects _____

☐ Results _____
☐ Invoice _____
☐ Pulps _____
☐ Rejects _____

CLIENT'S COPY

LAB. REPORT NO. _____

BONDAR-CLEGG INC.

12980 W. CEDAR DR., LAKEWOOD, CO. 80228 PHONE: 989-1404 TELEX: 45-693

SAMPLE SHIPMENT NOTICE

Date Shipped 10/25/88 Via _____ ☐ Prepaid or ☐ Collect

Parcels in Shipment _____ TOTAL NUMBER OF SAMPLES 23

GEOLOGIST'S NAME _____ PHONE NUMBER _____ PROJECT NAME OR NUMBER _____

Samples Type	# Samples	Sample Numbers (Series)	ELEMENTS TO BE ANALYZED Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	Ore test
DC	23	R88 490	Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
dry		0-115	Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test

Please analyze by { ☒ assay (%, ore grade) / ☐ geochemical (ppm, trace level) } methods, the enclosed ☐ { prepared / ☒ unprepared } samples

☐ DO NOT ASSAY GEOCHEMICAL OVERLIMITS

COMMENTS _____

PLEASE INDICATE SAMPLE DISPOSITION

COARSE REJECTS

☐ DISCARD AFTER ANALYSIS COMPLETE
☐ RETURN COD AFTER ANALYSIS COMPLETE
☐ STORE 60 DAYS-DISCARD

STORAGE CHARGE WILL BE ASSESSED AFTER 60 DAYS

PULPS

☐ DISCARD AFTER ANALYSIS COMPLETE
☐ RETURN COD AFTER ANALYSIS COMPLETE
☐ STORE 1 YEAR-RETURN COD

STORAGE CHARGE WILL BE ASSESSED AFTER 1 YEAR

RESULTS, INVOICES AND SAMPLES TO BE SENT TO:

☐ Results JIM BROHM
☐ Invoices BROHM
☐ Pulps _____
☐ Rejects _____

☐ Results _____
☐ Invoices _____
☐ Pulps _____
☐ Rejects _____

☐ Results _____
☐ Invoice _____
☐ Pulps _____
☐ Rejects _____

☐ Results _____
☐ Invoice _____
☐ Pulps _____
☐ Rejects _____

CLIENT'S COPY

LAB. REPORT NO. 098-1399

BONDAR-CLEGG INC.

12980 W. CEDAR DR., LAKEWOOD, CO. 80228 PHONE: 989-1404 TELEX: 45-693

SAMPLE SHIPMENT NOTICE

Date Shipped 10/25/88 Via _____ ☐ Prepaid or ☐ Collect

Parcels in Shipment _____ TOTAL NUMBER OF SAMPLES 60

GEOLOGIST'S NAME J. BARRON PHONE NUMBER _____ PROJECT NAME OR NUMBER _____

Samples Type	# Samples	Sample Numbers (Series)	ELEMENTS TO BE ANALYZED Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	Ore test
DC	60	R88-490	Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
wet.		115-120)	Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
		(410-415)	Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test

Please analyze by { ☒ assay (%, ore grade) / ☐ geochemical (ppm, trace level) } methods, the enclosed ☐ { prepared / ☒ unprepared } samples

☐ DO NOT ASSAY GEOCHEMICAL OVERLIMITS

COMMENTS _____

PLEASE INDICATE SAMPLE DISPOSITION

COARSE REJECTS

☐ DISCARD AFTER ANALYSIS COMPLETE
☐ RETURN COD AFTER ANALYSIS COMPLETE
☐ STORE 60 DAYS-DISCARD

STORAGE CHARGE WILL BE ASSESSED AFTER 60 DAYS

PULPS

☐ DISCARD AFTER ANALYSIS COMPLETE
☐ RETURN COD AFTER ANALYSIS COMPLETE
☐ STORE 1 YEAR-RETURN COD

STORAGE CHARGE WILL BE ASSESSED AFTER 1 YEAR

RESULTS, INVOICES AND SAMPLES TO BE SENT TO:

☐ Results JIM BARRON
☐ Invoices BROWN
☐ Pulps _____
☐ Rejects _____

☐ Results _____
☐ Invoices _____
☐ Pulps _____
☐ Rejects _____

☐ Results _____
☐ Invoice _____
☐ Pulps _____
☐ Rejects _____

☐ Results _____
☐ Invoice _____
☐ Pulps _____
☐ Rejects _____

CLIENT'S COPY

LAB. REPORT NO. 098 1402

BONDAR-CLEGG INC.

12980 W. CEDAR DR., LAKEWOOD, CO. 80228 PHONE: 989-1404 TELEX: 45-693

SAMPLE SHIPMENT NOTICE

Date Shipped 10/26/88 Via _____ ☐ Prepaid or ☐ Collect

Parcels in Shipment _____ TOTAL NUMBER OF SAMPLES 60

GEOLOGIST'S NAME JIM BARRON PHONE NUMBER _____ PROJECT NAME OR NUMBER _____

Samples Type	# Samples	Sample Numbers (Series)	ELEMENTS TO BE ANALYZED Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	Ore test
DC	60	K88-490	Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
wet		(415+420)	Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
		910-715	Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test

Please analyze by { ☒ assay (%, ore grade) / ☐ geochemical (ppm, trace level) } methods, the enclosed ☐ { prepared / ☒ unprepared } samples

☐ DO NOT ASSAY GEOCHEMICAL OVERLIMITS

COMMENTS _____

PLEASE INDICATE SAMPLE DISPOSITION

COARSE REJECTS

☐ DISCARD AFTER ANALYSIS COMPLETE
☒ RETURN COD AFTER ANALYSIS COMPLETE
☐ STORE 60 DAYS-DISCARD

STORAGE CHARGE WILL BE ASSESSED AFTER 60 DAYS

PULPS

☐ DISCARD AFTER ANALYSIS COMPLETE
☒ RETURN COD AFTER ANALYSIS COMPLETE
☐ STORE 1 YEAR-RETURN COD

STORAGE CHARGE WILL BE ASSESSED AFTER 1 YEAR

RESULTS, INVOICES AND SAMPLES TO BE SENT TO:

☐ Results JIM BARRON
☐ Invoices BROHM
☐ Pulps _____
☐ Rejects _____

☐ Results _____
☐ Invoices _____
☐ Pulps _____
☐ Rejects _____

☐ Results _____
☐ Invoice _____
☐ Pulps _____
☐ Rejects _____

☐ Results _____
☐ Invoice _____
☐ Pulps _____
☐ Rejects _____

CLIENT'S COPY

LANG EXPLORATORY DRILLING DAILY DRILLING REPORT	RIG#: LK-2	Angle or Vertical Rig ----(circle one)----	DATE: OCT. 24, 1988

Daily Start time: NOON 12:00	Daily Finish time: MIDNITE 12:00	Subsistence: 1 Day 3 Men	PROJECT NAME: BROHM - GILT EDGE

Hole #: R88-488	Angle or Vertical --(circle one)---	Hole #: R88-490	Angle or Vertical --(circle one)---	Hole #:	Angle or Vertical --(circle one)---	TOTAL FOOTAGE DRILLED TODAY:
Depth today: 700	Depth yesterday: (675)	Depth today: 245		Depth today:		270 FT.

MATERIALS USED

Quantity:	Size:	Material Name:	Quantity:	Size:	Material Name:	Quantity	Size:	Material Name:
	Gal.	Quick Foam		"	X Nipple	3	50lbs	QUIK-GEL
	Gal.	E-Z Mud		"	X Nipple			
	Bags	Cement		"	• Elbow			
2	9 "	Rod Wipers		"	Tee			
	"	Tri-Cone Wear Sleeves		"	Pipe Plug			
	----	Bazooka Tube	ft. of		"Casing			
	----	14-Hole Adapter		"	Casing Couplers			

BIT#:	SIZE:	TYPE:	MAKE:	FOOTAGE:	
	6"	Tri-Cone Carbide, Hammer Bit, Tri-Cone Steel Tooth ---(circle one of the above)---	MISSION		New Bit / Bit previously used on this project / Used Bit ----------(circle one)----------
A1119	6 1/4	Tri-Cone Carbide, Hammer Bit, Tri-Cone Steel Tooth ---(circle one of the above)---	MISSION	245	New Bit / Bit previously used on this project / Used Bit ----------(circle one)----------

FROM	TO	ACTIVITY
12:00	1:00	DRILL 675' TO 700' TD R88-488
1:00	2:45	TRIP OUT ; RIG DOWN
2:45	3:00	SURVEY HOLE
3:00	5:30	MOVE - CAT WORK ON DRILL SITE
5:30	7:30	DRILL + SET SURFACE
7:30	12:00	DRILL TO 245'
		RIG HOURS - 9 1/4
		BOOSTER HRS - 1
		STANDBY FOR HOLE SURVEY - 1/4
		MOVING - 2 1/2

SAMPLING PERFORMED BY LANG? Yes No Partially (circle one)

2 1/2 Hrs. MOVING, ____ Hrs. HAULING WATER, 1/4 Hrs. STANDBY

____ Hrs. BIG/SMALL CAT (circle one), ____ Hrs. SKIDDER,

____ Hrs. HOURLY WORK, CAUSE OF LOST TIME (repairs, lost circulation etc.,) ____

Mark Watt — Hrs. 12
Drillers signature

BENSIE STOFLET — Hrs. 12
Helpers signature

DOUG DAVIDSON — Hrs. 12
Helpers signature

**********JUSTIFY HOURS (If Applies)**********
____ Getting Fuel
____ Chasing for Parts
____ Drive Time (after the 1st one hour)

CLIENT REP: [illegible] Was the hole(s) completed to desired depth? Yes ____ No ____? ____

YELLOW-GEOLOGIST COPY ®

LANG EXPLORATORY DRILLING DAILY DRILLING REPORT	RIG#: LK-2	Angle or Vertical Rig ---(circle one)----	DATE: 10/25/88

Daily Start time: 12:00	Daily Finish time: 12:00	Subsistence: 1 Day 3 Men	PROJECT NAME: Brohm (Gilt Edge) (24hrs)

Hole #: R88-490	Angle or Vertical ---(circle one)---	Hole #:	Angle or Vertical ---(circle one)---	Hole #:	Angle or Vertical ---(circle one)---	TOTAL FOOTAGE DRILLED TODAY:
Depth today: 785	Depth yesterday: (245)	Depth today:		Depth today:		540' FT.

MATERIALS USED

Quantity:	Size:	Material Name:	Quantity:	Size:	Material Name:	Quantity	Size:	Material Name:
	Gal.	Quick Foam		"	X Nipple			
	Gal.	E-Z Mud		"	X Nipple			
	Bags	Cement		"	• Elbow			
	"	Rod Wipers		"	Tee			
	"	Tri-Cone Wear Sleeves		"	Pipe Plug			
	----	Bazooka Tube	ft. of		"Casing			
	----	14-Hole Adapter		"	Casing Couplers			

BIT#:	SIZE:	TYPE:	MAKE:	FOOTAGE:	
	6 1/4	Tri-Cone Carbide, Hammer Bit, Tri-Cone Steel Tooth ---(circle one of the above)---	Mission Button		New Bit / Bit previously used on this project / Used Bit ----------(circle one)----------
BIT#:	SIZE:	TYPE: Tri-Cone Carbide, Hammer Bit, Tri-Cone Steel Tooth ---(circle one of the above)---	MAKE:	FOOTAGE:	New Bit / Bit previously used on this project / Used Bit ----------(circle one)----------

FROM	TO	ACTIVITY
11:45	12:00	Discussing hole
12:00	12:00	Drilled from 245' - 785' on hole #R88-490 (Started booster at 6:00)

SAMPLING PERFORMED BY LANG? Yes No Partially (circle one)

____ Hrs. MOVING, ____ Hrs. HAULING WATER, ____ Hrs. STANDBY

____ Hrs. BIG/SMALL CAT (circle one), ____ Hrs. SKIDDER,

____ Hrs. HOURLY WORK, CAUSE OF LOST TIME (repairs, lost circulation etc.,) 12 → Rig Time 6 → Booster

Scott Krug Hrs. 12 1/4
Drillers signature

Kevin Jensen Hrs. 12 1/4
Helpers signature

Brian Mether Hrs. 12 1/4
Helpers signature

**********JUSTIFY HOURS (If Applies)**********
____ Getting Fuel
____ Chasing for Parts
____ Drive Time (after the 1st one hour)

CLIENT REP: Wally Robinson Was the hole(s) completed to desired depth? Yes ____ No ____ ? ____

WHITE: Lang Office Copy

YELLOW: Geologist Copy

LANG EXPLORATORY DRILLING DAILY DRILLING REPORT	RIG#: Lk-2	Angle or Vertical Rig ---(circle one)---	DATE: OCT 25, 1988

Daily Start time: NOON 12:00	Daily Finish time: MIDNITE 12:00	Subsistence: 1 Day 3 Men	PROJECT NAME: BROHIM - GILT EDGE

Hole #: R88-490	Angle or Vertical --(circle one)---	Hole #:	Angle or Vertical --(circle one)---	Hole #:	Angle or Vertical --(circle one)---	TOTAL FOOTAGE DRILLED TODAY:
Depth today: 1205	Depth yesterday: (785)	Depth today:		Depth today:		420 FT.

MATERIALS USED

Quantity:	Size:	Material Name:	Quantity:	Size:	Material Name:	Quantity	Size:	Material Name:
	Gal.	Quick Foam		"	X Nipple			
	Gal.	E-Z Mud		"	X Nipple			
	Bags	Cement		"	• Elbow			
	"	Rod Wipers		"	Tee			
	"	Tri-Cone Wear Sleeves		"	Pipe Plug			
	----	Bazooka Tube	ft. of		"Casing			
	----	14-Hole Adapter		"	Casing Couplers			

BIT#:	SIZE:	TYPE:	MAKE:	FOOTAGE:	
	6¼	Tri-Cone Carbide, Hammer Bit, Tri-Cone Steel Tooth ---(circle one of the above)---	MISSION	1205	New Bit __ Bit previous used on this project __ Used Bit ---------(circle one)---------
BIT#:	SIZE:	TYPE: Tri-Cone Carbide, Hammer Bit, Tri-Cone Steel Tooth ---(circle one of the above)---	MAKE:	FOOTAGE:	New Bit __ Bit previous used on this project __ Used Bit ---------(circle one)---------

FROM	TO	ACTIVITY
12:00	10:00	DRILL 785' TO 1205'
10:00	12:00	TRIP FOR BIT
		RIG HOURS 12
		BOOSTER HRS 10
		AUX COMP. HRS 1¼

SAMPLING PERFORMED BY LANG? Yes No Partially (circle one)

____ Hrs. MOVING, ____ Hrs. HAULING WATER, ____ Hrs. STANDBY

____ Hrs. BIG/SMALL CAT (circle one), ____ Hrs. SKIDDER,

____ Hrs. HOURLY WORK, CAUSE OF LOST TIME (repairs, lost circulation etc.,) ____

Mark Wade Hrs. 12
Drillers signature

BENSIE STOFLET Hrs. 12
Helpers signature

DOUG DAVIDSON Hrs. 12
Helpers signature

**********JUSTIFY HOURS (If Applies)**********
____ Getting Fuel
____ Chasing for Parts
____ Drive Time (after the 1st one hour)

CLIENT REP: [illegible] Was the hole(s) completed to desired depth? Yes ____ No ____ ? ____

YELLOW-GEOLOGIST COPY

Ⓟ

LANG EXPLORATORY DRILLING DAILY DRILLING REPORT	RIG#: LK-2	Angle or Vertical Rig ---(circle one)---	DATE: 10/26/88

Daily Start time: 12:00	Daily Finish time: 12:00	Subsistence: 1 Day 3 Men	PROJECT NAME: Brohm (Gift Edge) 24hrs

Hole #: R88-490	Angle or Vertical ---(circle one)---	Hole #:	Angle or Vertical ---(circle one)---	Hole #:	Angle or Vertical ---(circle one)---	TOTAL FOOTAGE DRILLED TODAY:
Depth today: 1265	Depth yesterday: (1205)	Depth today:		Depth today:		60 FT.

MATERIALS USED

Quantity:	Size:	Material Name:	Quantity:	Size:	Material Name:	Quantity	Size:	Material Name:
	Gal.	Quick Foam		"	X Nipple	12	bags	Quik-Gel
	Gal.	E-Z Mud		"	X Nipple			
	Bags	Cement		"	• Elbow			
	"	Rod Wipers		"	Tee			
	"	Tri-Cone Wear Sleeves		"	Pipe Plug			
	----	Bazooka Tube	ft. of		"Casing			
	----	14-Hole Adapter		"	Casing Couplers			

BIT#:	SIZE:	TYPE:	MAKE:	FOOTAGE:	
H-Type Skirted	5 7/8	Tri-Cone Carbide, Hammer Bit, Tri-Cone Steel Tooth ---(circle one of the above)---	Varel		New Bit / Bit previously used on this project / Used Bit ---(circle one)---
BIT#:	SIZE:	TYPE: Tri-Cone Carbide, Hammer Bit, Tri-Cone Steel Tooth ---(circle one of the above)---	MAKE:	FOOTAGE:	New Bit / Bit previously used on this project / Used Bit ---(circle one)---

FROM	TO	ACTIVITY
11:45	12:00	Discussing hole
12:00	2:15	unplugged rods + hammer, started to trip back in, plugged up
2:15	5:45	tripped out, unplugged tools, put on tricone, tripped in to bottom (had to work through several bridges)
5:45	12:00	Drilled from 1205'-1265 on hole #R88-490

SAMPLING PERFORMED BY LANG? Yes No Partially (circle one)

____ Hrs. MOVING, ____ Hrs. HAULING WATER, ____ Hrs. STANDBY

____ Hrs. BIG/SMALL CAT (circle one), ____ Hrs. SKIDDER,

____ Hrs. HOURLY WORK, CAUSE OF LOST TIME (repairs, lost circulation etc.,) 12 → Rig Time, 6¼ → Booster

Scott Krug Hrs. 12¼
Drillers signature

Kevin Jensen Hrs. 12¼
Helpers signature

Brian Mother Hrs. 12¼
Helpers signature

**********JUSTIFY HOURS (If Applies)**********
____ Getting Fuel
____ Chasing for Parts
____ Drive Time (after the 1st one hour)

CLIENT REP: _____ Was the hole(s) completed to desired depth? Yes ____ No ____ ? ____

WHITE: Lang Office Copy

YELLOW: Geologist Copy

LANG EXPLORATORY DRILLING DAILY DRILLING REPORT	RIG#: LK-2	Angle or Vertical Rig ---(circle one)---	DATE: OCT. 26, 1988

Daily Start time: NOON 12:00	Daily Finish time: MIDNITE 12:00	Subsistence: 1 Day 3 Men	PROJECT NAME: BROHM - GILT EDGE

Hole #:	Angle or Vertical --(circle one)---	Hole #:	Angle or Vertical --(circle one)---	Hole #:	Angle or Vertical --(circle one)---	TOTAL FOOTAGE DRILLED TODAY:
R88-490		R88-493				190 FT.
Depth today: 1260	Depth yesterday: (1254)	Depth today: 145		Depth today:		

MATERIALS USED

Quantity:	Size:	Material Name:	Quantity:	Size:	Material Name:	Quantity	Size:	Material Name:
5	Gal.	Quick Foam		"	X Nipple	6	50lbs	QUIK GEL
	Gal.	E-Z Mud		"	X Nipple			
	Bags	Cement		"	• Elbow			
	"	Rod Wipers		"	Tee			
	"	Tri-Cone Wear Sleeves		"	Pipe Plug			
	----	Bazooka Tube	24 ft. of	7	"Casing			
	----	14-Hole Adapter		"	Casing Couplers			

BIT#:	SIZE:	TYPE:	MAKE:	FOOTAGE:	
	5 7/8	Tri-Cone Carbide, Hammer Bit, Tri-Cone Steel Tooth ---(circle one of the above)---	LANG		New Bit __ Bit previous used on this project __ Used Bit ---(circle one)---
BIT#:	SIZE:	TYPE:	MAKE:	FOOTAGE:	
	6 1/8	Tri-Cone Carbide, Hammer Bit, Tri-Cone Steel Tooth ---(circle one of the above)---	MISSION		New Bit __ Bit previous used on this project __ Used Bit ---(circle one)---

FROM	TO	ACTIVITY	
12:00	12:15	DRILL TO 1260' TD R88: 490	
12:15	2:45	TRIP OUT; RIG DOWN	
2:45	5:00	MOVE - CAT WORK ON DRILL SITE	3.25
1/4 5:00	5:15	DOWN - REPAIR LY 3.	
5:15	8:30	SET UP; DRILL + SET 42' SURFACE	3.25 / 6.50
8:30	12:00	DRILL TO 145'	
		RIG HOURS 9 1/2	$ 225. / 2 6.5
		BOOSTER HRS 1/4	13 75
		MOVING - 2 1/4	16 500
		DOWN - 1/4	178 75

SAMPLING PERFORMED BY LANG? Yes No Partially (circle one)

2 1/4 Hrs. MOVING, ____ Hrs. HAULING WATER, ____ Hrs. STANDBY

____ Hrs. BIG/SMALL CAT (circle one), ____ Hrs. SKIDDER,

1/4 Hrs. HOURLY WORK, CAUSE OF LOST TIME (repairs, lost circulation etc.,) REPAIR HYDRAULIC LINE ON LY 3

Mel Wolf — Hrs. 1
Drillers signature

BENNIE STORLET — Hrs. 12
Helpers signature

DOUG DAVIDSON — Hrs. 12
Helpers signature

**********JUSTIFY HOURS (If Applies)**********
____ Getting Fuel
____ Chasing for Parts
____ Drive Time (after the 1st one hour)

CLIENT REP: [signature] Was the hole(s) completed to desired depth? Yes ✓ No ____ ? ____

YELLOW-GEOLOGIST COPY

LAB. REPORT NO. 148-1405

BONDAR-CLEGG INC.

12980 W. CEDAR DR., LAKEWOOD, CO. 80228 PHONE: 989-1404 TELEX: 45-693

SAMPLE SHIPMENT NOTICE

Date Shipped 10/27/88 Via _____ ☐ Prepaid or ☐ Collect

Parcels in Shipment _____ TOTAL NUMBER OF SAMPLES 49

GEOLOGIST'S NAME JIM BARRON PHONE NUMBER _____ PROJECT NAME OR NUMBER _____

Samples Type	# Samples	Sample Numbers (Series)	ELEMENTS TO BE ANALYZED Cu Pb Zn Mo Ag Cd Ni Co Mn Fe Bi V U W F Au As Hg Sn Sb Ba	E spec	Neutron Activation	DCP	Ore test
DC	49	R88-490	Cu Pb Zn Mo Ag Cd Ni Co Mn Fe Bi V U W F Au As Hg Sn Sb Ba	E spec	Neutron Activation	DCP	ore test
wet		1015-1020	Cu Pb Zn Mo Ag Cd Ni Co Mn Fe Bi V U W F Au As Hg Sn Sb Ba	E spec	Neutron Activation	DCP	ore test
		1255-1260	Cu Pb Zn Mo Ag Cd Ni Co Mn Fe Bi V U W F Au As Hg Sn Sb Ba	E spec	Neutron Activation	DCP	ore test
			Cu Pb Zn Mo Ag Cd Ni Co Mn Fe Bi V U W F Au As Hg Sn Sb Ba	E spec	Neutron Activation	DCP	ore test
			Cu Pb Zn Mo Ag Cd Ni Co Mn Fe Bi V U W F Au As Hg Sn Sb Ba	E spec	Neutron Activation	DCP	ore test
			Cu Pb Zn Mo Ag Cd Ni Co Mn Fe Bi V U W F Au As Hg Sn Sb Ba	E spec	Neutron Activation	DCP	ore test
			Cu Pb Zn Mo Ag Cd Ni Co Mn Fe Bi V U W F Au As Hg Sn Sb Ba	E spec	Neutron Activation	DCP	ore test
			Cu Pb Zn Mo Ag Cd Ni Co Mn Fe Bi V U W F Au As Hg Sn Sb Ba	E spec	Neutron Activation	DCP	ore test
			Cu Pb Zn Mo Ag Cd Ni Co Mn Fe Bi V U W F Au As Hg Sn Sb Ba	E spec	Neutron Activation	DCP	ore test
			Cu Pb Zn Mo Ag Cd Ni Co Mn Fe Bi V U W F Au As Hg Sn Sb Ba	E spec	Neutron Activation	DCP	ore test
			Cu Pb Zn Mo Ag Cd Ni Co Mn Fe Bi V U W F Au As Hg Sn Sb Ba	E spec	Neutron Activation	DCP	ore test
			Cu Pb Zn Mo Ag Cd Ni Co Mn Fe Bi V U W F Au As Hg Sn Sb Ba	E spec	Neutron Activation	DCP	ore test
			Cu Pb Zn Mo Ag Cd Ni Co Mn Fe Bi V U W F Au As Hg Sn Sb Ba	E spec	Neutron Activation	DCP	ore test
			Cu Pb Zn Mo Ag Cd Ni Co Mn Fe Bi V U W F Au As Hg Sn Sb Ba	E spec	Neutron Activation	DCP	ore test
			Cu Pb Zn Mo Ag Cd Ni Co Mn Fe Bi V U W F Au As Hg Sn Sb Ba	E spec	Neutron Activation	DCP	ore test

Please analyze by { ☐ assay (%, ore grade) / ☐ geochemical (ppm, trace level) } methods, the enclosed ☐ { prepared / unprepared } samples

☐ DO NOT ASSAY GEOCHEMICAL OVERLIMITS

COMMENTS _____

PLEASE INDICATE SAMPLE DISPOSITION

COARSE REJECTS

☐ DISCARD AFTER ANALYSIS COMPLETE
☐ RETURN COD AFTER ANALYSIS COMPLETE
☐ STORE 60 DAYS-DISCARD
STORAGE CHARGE WILL BE ASSESSED AFTER 60 DAYS

PULPS

☐ DISCARD AFTER ANALYSIS COMPLETE
☐ RETURN COD AFTER ANALYSIS COMPLETE
☐ STORE 1 YEAR-RETURN COD
STORAGE CHARGE WILL BE ASSESSED AFTER 1 YEAR

RESULTS, INVOICES AND SAMPLES TO BE SENT TO:

☐ Results JIM BARRON
☐ Invoices BROAD
☐ Pulps _____
☐ Rejects _____

☐ Results _____
☐ Invoices _____
☐ Pulps _____
☐ Rejects _____

☐ Results _____
☐ Invoice _____
☐ Pulps _____
☐ Rejects _____

☐ Results _____
☐ Invoice _____
☐ Pulps _____
☐ Rejects _____

CLIENT'S COPY

Contractor TONTO | Coordinates SITE 64 | Project GILT EDGE | Hole No. R88-491

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

Hole Size | Bearing — | Inclination 90 | Date Started 10.25.88 | Property GILT EDGE

Collar Elev. | Final Depth 465' | Date Completed 10.26.88 | 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, Veinlill, Replacement)	TYPE	ASSAY Au	ASSAY Ag
			1	3	0-5		FILL (?)	0-20 FILL(?) of Tkp & Cdg multiple single chips.	0-85	OXIDE	.007	
											tr	
											.003	
											tr	
			10		20-25		PC	20-80 PRECAMBRIAN SCHIST			.005	
											.004	
											.033	
											.006	
											.003	
					45-50						tr	
											tr	
											.002	
											.003	
											tr	
					70-75						tr	
											.002	
			20					80-100 PRECAMBRIAN CHERT			.003	
				2				w/ 10-20% PC schist	85-115	MIXED 1-2% FeS_2	.004	
										3-4% OXIDE	tr	
			10		95-100			100-465 PRECAMBRIAN SCHIST			tr	
											.003	
											tr	
											tr	
				1					115-160	SULFIDE 1-2% FeS_2	tr	
				1	120-125						tr	
											tr	
											tr	
											tr	
									(140-150) 3-4% FeS_2		.004	
					145-150						tr	
									(150-160) 1-3% FeS_2		.022	
											tr	
				2					160-170	MIXED 20-30% OXIDE 1-2% FeS_2	.004	
											.032	
				1	170-175				170-465	SULFIDE 1-3% FeS_2	.018	

DRILL CUTTING LOG

Logged by:

Contractor _____ Coordinates _____ Project _____ Hole No. RBB-491

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	GEOLOGIC NOTES: ROCK TYPE	DESCRIPTION: MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE	MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinlill, Replacement)	TYPE	ASSAY Au	ASSAY Ag
			10	1	175-180		PC				tr	
											tr	
											tr	
								(193-200) vein quartz			tr	
					195-200						.004	
											tr	
											tr	
											tr	
											tr	
					220-225						tr	
											tr	
											tr	
											tr	
											tr	
					245-250						.002	
											tr	
											tr	
											tr	
											tr	
					270-275						tr	
											tr	
											tr	
											tr	
											tr	
					295-300						.002	
								(300-305) vein quartz			tr	
											.003	
											tr	
											tr	
					325-325						tr	
											.005	
											.009	
									335-350 FRACTURED		.032	
									(335-345) 3-5% FeS_2 frac't		.010	
					345-350				(345-) 1-3% FeS_2		.003	

DRILL CUTTING LOG

Logged by:

Contractor _____ Coordinates _____ Project _____ Hole No. R88-491

Drill Type _____ Casing Depth _____ State _____ Sheet 3 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, Veinlill, Replacement)	TYPE	ASSAY Au	ASSAY Ag
			10	1	350-355		PC				.007	
											.009	
											.004	
											tr	
					370-375						.003	
											tr	
											.008	
											tr	
											tr	
					395-400						.003	
									(400-415) 3-5% FeS2		.004	
											.004	
								(410-425) 3-5% quartz veining			.007	
									(415-465) 1-3% FeS2		tr	
					420-425						tr	
											tr	
											tr	
											tr	
											.006	
					445-450						.007	
											.006	
											.004	
					460-465						tr	
								— HOLE TD @ 465'				

DRILL CUTTING LOG

Logged by:

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: 098-1400 (COMPLETE)

REFERENCE INFO: NONE LISTED

CLIENT: BROHM MINING CORP.
PROJECT: NONE LISTED

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

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold	57	0.002 OPT		Fire Assay
2	Au	Gold	1	0.002 OPT		Fire Assay

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	57	2 -150	57	Assay Prep	57
				Sample Pickup	1

REMARKS: FINAL RESULTS NOW ALL REPORTED.

2 SEPARATE ASSAY RESULTS REPORTED FOR ONE SAMPLE.

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: 098-1400

PROJECT: NONE LISTED

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Au OPT
D2 R88-491-0-5		0.007	
D2 R88-491-5-10		<0.002	
D2 R88-491-10-15		0.003	
D2 R88-491-15-20		<0.002	
D2 R88-491-20-25		0.005	
D2 R88-491-25-30		0.004	
D2 R88-491-30-35		0.043	0.023 .033
D2 R88-491-35-40		0.006	
D2 R88-491-40-45		0.003	
D2 R88-491-45-50		<0.002	
D2 R88-491-50-55		<0.002	
D2 R88-491-55-60		0.002	
D2 R88-491-60-65		0.003	
D2 R88-491-65-70		<0.002	
D2 R88-491-70-75		<0.002	
D2 R88-491-75-80		0.002	
D2 R88-491-80-85		0.003	
D2 R88-491-85-90		0.004	
D2 R88-491-90-95		<0.002	
D2 R88-491-95-100		<0.002	
D2 R88-491-100-105		0.003	
D2 R88-491-105-110		<0.002	
D2 R88-491-110-115		<0.002	
D2 R88-491-115-120		<0.002	
D2 R88-491-120-125		<0.002	
D2 R88-491-125-130		<0.002	
D2 R88-491-130-135		<0.002	
D2 R88-491-135-140		<0.002	
D2 R88-491-140-145		0.004	
D2 R88-491-145-150		<0.002	
D2 R88-491-150-155		0.022	
D2 R88-491-155-160		<0.002	
D2 R88-491-160-165		0.004	
D2 R88-491-165-170		0.032	
D2 R88-491-170-175		0.018	
D2 R88-491-175-180		<0.002	
D2 R88-491-180-185		<0.002	
D2 R88-491-185-190		<0.002	
D2 R88-491-190-195		<0.002	
D2 R88-491-195-200		0.004	
D2 R88-491-200-205		<0.002	
D2 R88-491-205-210		<0.002	
D2 R88-491-210-215		<0.002	
D2 R88-491-215-220		<0.002	
D2 R88-491-220-225		<0.002	
D2 R88-491-225-230		<0.002	
D2 R88-491-230-235		<0.002	
D2 R88-491-235-240		<0.002	
D2 R88-491-240-245		<0.002	
D2 R88-491-245-250		0.002	
D2 R88-491-250-255		<0.002	
D2 R88-491-255-260		<0.002	
D2 R88-491-260-265		<0.002	
D2 R88-491-265-270		<0.002	
D2 R88-491-270-275		<0.002	
D2 R88-491-275-280		<0.002	
D2 R88-491-280-285		<0.002	

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: 098-1404 (COMPLETE)

REFERENCE INFO: NONE LISTED

CLIENT: BROHM MINING CORP.
PROJECT: NONE LISTED

SUBMITTED BY: J. BARRON
DATE PRINTED: 8-NOV-88

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold	36	0.002 OPT		Fire Assay

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	36	2 -150	36	Assay Prep	36
				Excessive Wetness	925
				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: 098-1404

PROJECT: NONE LISTED

SAMPLE NUMBER	ELEMENT UNITS	Au OPT
D2 R88-491-285-290		<0.002
D2 R88-491-290-295		<0.002
D2 R88-491-295-300		0.002
D2 R88-491-300-305		<0.002
D2 R88-491-305-310		0.003
D2 R88-491-310-315		<0.002
D2 R88-491-315-320		<0.002
D2 R88-491-320-325		<0.002
D2 R88-491-325-330		0.005
D2 R88-491-330-335		0.009
D2 R88-491-335-340		0.032
D2 R88-491-340-345		0.010
D2 R88-491-345-350		0.003
D2 R88-491-350-355		0.007
D2 R88-491-355-360		0.009
D2 R88-491-360-365		0.004
D2 R88-491-365-370		<0.002
D2 R88-491-370-375		0.003
D2 R88-491-375-380		<0.002
D2 R88-491-380-385		0.008
D2 R88-491-385-390		<0.002
D2 R88-491-390-395		<0.002
D2 R88-491-395-400		0.003
D2 R88-491-400-405		0.004
D2 R88-491-405-410		0.004
D2 R88-491-410-415		0.007
D2 R88-491-415-420		<0.002
D2 R88-491-420-425		<0.002
D2 R88-491-425-430		<0.002
D2 R88-491-430-435		<0.002
D2 R88-491-435-440		<0.002
D2 R88-491-440-445		0.006
D2 R88-491-445-450		0.007
D2 R88-491-450-455		0.006
D2 R88-491-455-460		0.004
D2 R88-491-460-465		<0.002

LAB. REPORT NO. 098-1404

BONDAR-CLEGG INC.

12980 W. CEDAR DR., LAKEWOOD, CO. 80228 PHONE: 989-1404 TELEX: 45-693

SAMPLE SHIPMENT NOTICE

Date Shipped 10/26/88 Via _____ ☐ Prepaid or ☐ Collect

Parcels in Shipment _____ TOTAL NUMBER OF SAMPLES 36

GEOLOGIST'S NAME JIM BARRON PHONE NUMBER _____ PROJECT NAME OR NUMBER _____

Samples Type	# Samples	Sample Numbers (Series)	ELEMENTS TO BE ANALYZED Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	Ore test
DC	36	K88-491	Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	X Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
wet		(285-290)	Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
		(460-465)	Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test

Please analyze by { X☐ assay (%, ore grade) / ☐ geochemical (ppm, trace level) } methods, the enclosed ☐ { prepared / X☐ unprepared } samples

☐ DO NOT ASSAY GEOCHEMICAL OVERLIMITS

COMMENTS _____

PLEASE INDICATE SAMPLE DISPOSITION

COARSE REJECTS

☐ DISCARD AFTER ANALYSIS COMPLETE
X☐ RETURN COD AFTER ANALYSIS COMPLETE
☐ STORE 60 DAYS-DISCARD
STORAGE CHARGE WILL BE ASSESSED AFTER 60 DAYS

PULPS

☐ DISCARD AFTER ANALYSIS COMPLETE
X☐ RETURN COD AFTER ANALYSIS COMPLETE
☐ STORE 1 YEAR-RETURN COD
STORAGE CHARGE WILL BE ASSESSED AFTER 1 YEAR

RESULTS, INVOICES AND SAMPLES TO BE SENT TO:

☐ Results JIM BARRON
☐ Invoices BROHM
☐ Pulps _____
☐ Rejects _____

☐ Results _____
☐ Invoices _____
☐ Pulps _____
☐ Rejects _____

☐ Results _____
☐ Invoice _____
☐ Pulps _____
☐ Rejects _____

☐ Results _____
☐ Invoice _____
☐ Pulps _____
☐ Rejects _____

CLIENT'S COPY

LAB. REPORT NO. 88-1400

BONDAR-CLEGG INC.

12980 W. CEDAR DR., LAKEWOOD, CO. 80228 PHONE: 989-1404 TELEX: 45-693

SAMPLE SHIPMENT NOTICE

Date Shipped 10/26/88 Via _____ ☐ Prepaid or ☐ Collect

Parcels in Shipment _____ TOTAL NUMBER OF SAMPLES 57

GEOLOGIST'S NAME JIM BARRON PHONE NUMBER _____ PROJECT NAME OR NUMBER _____

Samples Type	# Samples	Sample Numbers (Series)	ELEMENTS TO BE ANALYZED Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	Ore test
PC	57	R88-491	Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	X Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
dry		0-285	Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test
			Cu	Pb	Zn	Mo	Ag	Cd	Ni	Co	Mn	Fe	Bi	V	U	W	F	Au	As	Hg	Sn	Sb	Ba	E spec	Neutron Activation	DCP	ore test

Please analyze by { X ☐ assay (%, ore grade) / ☐ geochemical (ppm, trace level) } methods, the enclosed ☐ { prepared / X ☐ unprepared } samples

☐ DO NOT ASSAY GEOCHEMICAL OVERLIMITS

COMMENTS _____

PLEASE INDICATE SAMPLE DISPOSITION

COARSE REJECTS

☐ DISCARD AFTER ANALYSIS COMPLETE
X ☐ RETURN COD AFTER ANALYSIS COMPLETE
☐ STORE 60 DAYS-DISCARD
STORAGE CHARGE WILL BE ASSESSED AFTER 60 DAYS

PULPS

☐ DISCARD AFTER ANALYSIS COMPLETE
X ☐ RETURN COD AFTER ANALYSIS COMPLETE
☐ STORE 1 YEAR-RETURN COD
STORAGE CHARGE WILL BE ASSESSED AFTER 1 YEAR

RESULTS, INVOICES AND SAMPLES TO BE SENT TO:

☐ Results JIM BARRON
☐ Invoices BRCHM
☐ Pulps _____
☐ Rejects _____

☐ Results _____
☐ Invoices _____
☐ Pulps _____
☐ Rejects _____

☐ Results _____
☐ Invoice _____
☐ Pulps _____
☐ Rejects _____

☐ Results _____
☐ Invoice _____
☐ Pulps _____
☐ Rejects _____

CLIENT'S COPY

TONTO
ROTARY RIG REPORT

TIME SHEET # R 093358

A. OPERATING RIG FUNCTIONS		A FOOTAGE CONTRACT RIG HOURS CLIENT	B FOOTAGE CONTRACT RIG HOURS TONTO	C HOURLY CONTRACT RIG HOURS CLIENT	D HOURLY CONTRACT RIG HOURS TONTO
1	Drill OB 0 to				
2	Drill OB to				
3	Set 0 Casing to 20ft	2			
4	DDH Rev. Circ. 0 to				
5	DHH Rev. Circ. 405 to 510		4		
6	DHH Rev. Circ. 20 to 185		2½		
7	Tricone Rev. Circ. 0 to				
8	Tricone Rev. Circ. to				
9	Tricone Rev. Circ. to				
10	Conventional DDH 0 to				
11	Convenional DHH to				
12	Conventional DHH to				
13	Conventional Tric. 0 to				
14	Conventional Tric. to				
15	Conventional Tric. to				
16	Rotary Core to				
17	Trip Rods (Bit) at 510 ft		1¼		
18	Trip Rods (Other) at				
19	Pull Casing				
20	Ream Rods / Casing				
21	Drill Sand / Cave				
22	Condition Hole				
23	Survey Hole				
24	Log Hole				
25	Engineering Work				
26	Cement / Grout				
27	Recover Equipment				
28	Rig Up / Rig Down				
29					
30					
31	TOTAL OPERATING TIME	2	7¾		

B. NON-OPERATING RIG FUNCTIONS		RIG HOURS CLIENT	RIG HOURS TONTO	RIG HOURS CLIENT	RIG HOURS TONTO
32	Mob / Demob				
33	Move	1	1		
34	Water Supply				
35	Repairs				
36	Service / Maint.		¼		
37	Delays – access				
38	– water				
39	– cement set				
40	– parts				
41					
42	TOTAL NON-OP TIME		¼		
43	TOTAL RIG TIME	3	9		

C. EXTRA LABOUR		MAN HOURS CLIENT	MAN HOURS TONTO	MAN HOURS CLIENT	MAN HOURS TONTO
44	Supervisor				
45	Water Truck Dr.				
46	Sampler Don Gregg		12		
47	Tim Parino		½		
48	TOTAL EXTRA LABOUR		12½		

E. MATERIALS CONSUMED (Specify quantities and types)		F CHARGEABLE TO CLIENT	G CHARGEABLE TO TONTO	H OFFICE USE ONLY
55	Gel (bags)			
56	Polymers			
57				
58	Foam (pails)			
59	Rock Oil (gal.)			
60	LCM			
61				
62	Cement (bags)			
63	Sample Bags			
64	Diesel (gal) 200 gal			

F. MATERIALS LEFT IN HOLE (recovered)				
65	Drill Pipe ft.			
66				
67	Casing ft.			
68				
69				

G. OTHER MATERIALS CHARGEABLE TO CLIENT		QTY.	
70	Rods Wipers	3	
71			
72			
73			

H. A/R MATERIALS — Office Use Only			
74	Length of Move	93	Hole Start Time
75	Length of Waterline/Haul		
76	Type of Splitter – Wet/Dry	94	Hole Finish Time

I. EQUIPMENT SUMMARY		
77	Water Truck Mileage	# loads
78	Water Truck Hours	
79	Pipe/Boom Truck Usage (hrs)	
80		
81		

J. LABOUR SUMMARY	I	TRAVEL J	HRS. WKD K	L
	DRILLER			
82	Tim Parino		12½	
83				
	HELPER			
84	Gary Rieb		12	
85				
	OTHER			
86	Don Gregg		12	
87	TOTAL MAN HOURS		36½	

Payroll Invoicing Cont. Sup.

REMARKS: Drilled From 405ft to 50ft Client called the hole. Moved to hole NO RBB- . Set 20ft of Casing. Drilled to 185 ft.

	HOLE # M	Angle	SIZE N	FROM O	TO P	FOOTAGE Q	BIT S/N R	HAMMER S/N S	REAMER S/N T	HAMMER MOD. # U
49	RBB-	90	6¾	405	510	105	871584			DH6
50	RBB- 491	90	7⅞	0	20	20	173054			IR360
51	RBB-491	90	6¾	20	185	165	817828			DH6
52										
53										
54										

CLIENT APPROVAL: Wally Polvin

TONTO APPROVAL: Tim Parino

88 TOTAL FOOTAGE 290

CLIENT Brohm

LOCATION Lead SD

89 SHIFT: D A (N) G

90 RIG No. 008

91 DATE (D/M/YR) 10/24/88

92 JOB No. 778

R 093358

TONTO
ROTARY RIG REPORT

TIME SHEET # R 093398

A. OPERATING RIG FUNCTIONS		FOOTAGE CONTRACT RIG HOURS (A) CLIENT	FOOTAGE CONTRACT RIG HOURS (B) TONTO	HOURLY CONTRACT RIG HOURS (C) CLIENT	HOURLY CONTRACT RIG HOURS (D) TONTO
1	Drill OB O to				
2	Drill OB to				
3	Set Casing to				
4	DDH Rev. Circ. O to				
5	DHH Rev. Circ. 185 to 465		6 3/4		
6	DHH Rev. Circ. to				
7	Tricone Rev. Circ. O to				
8	Tricone Rev. Circ. to				
9	Tricone Rev. Circ. to				
10	Conventional DDH O to				
11	Convenional DHH to				
12	Conventional DHH to				
13	Conventional Tric. O to				
14	Conventional Tric. to				
15	Conventional Tric. to				
16	Rotary Core to				
17	Trip Rods (Bit) at 205 OUT/IN		1 3/4		
18	Trip Rods (Other) at 465 OUT		1		
19	Pull Casing 491	3/4			
20	Ream Rods / Casing				
21	Drill Sand / Cave				
22	Condition Hole	1/2			
23	Survey Hole				
24	Log Hole				
25	Engineering Work				
26	Cement / Grout				
27	Recover Equipment				
28	Rig Up / Rig Down				
29					
30					
31	TOTAL OPERATING TIME	1 1/4	9 1/2		

B. NON-OPERATING RIG FUNCTIONS		RIG HOURS CLIENT	RIG HOURS TONTO	RIG HOURS CLIENT	RIG HOURS TONTO
32	Mob / Demob				
33	Move		3/4		
34	Water Supply				
35	Repairs WATER TRUCK		1/2		
36	Service / Maint.				
37	Delays – access				
38	– water				
39	– cement set				
40	– parts				
41					
42	TOTAL NON-OP TIME	—	1 1/4		
43	TOTAL RIG TIME	1 1/4	10 3/4		

C. EXTRA LABOUR		MAN HOURS CLIENT	MAN HOURS TONTO	MAN HOURS CLIENT	MAN HOURS TONTO
44	Supervisor C. MEDLER		1/2		
45	Water Truck Dr.				
46	Sampler RANDY CONN		12		
47	ED COSENS (PARTS, FUEL)		1/2		
48	TOTAL EXTRA LABOUR		13		

E. MATERIALS CONSUMED (Specify quantities and types)		CHARGEABLE TO CLIENT	CHARGEABLE TO TONTO	OFFICE USE ONLY
55	Gel (bags)			
56	Polymers			
57				
58	Foam (pails)			
59	Rock Oil (gal.)			
60	LCM			
61				
62	Cement (bags)			
63	Sample Bags			
64	Diesel (gal) 300			
F. MATERIALS LEFT IN HOLE (recovered)				
65	Drill Pipe ft.			
66				
67	Casing ft.			
68				
69				
G. OTHER MATERIALS CHARGEABLE TO CLIENT			QTY.	
70	ROD WIPERS		1	
71				
72				
73				

H. A/R MATERIALS — Office Use Only			
74	Length of Move	93	Hole Start Time
75	Length of Waterline/Haul		
76	Type of Splitter – Wet/Dry	94	Hole Finish Time

I. EQUIPMENT SUMMARY		
77	Water Truck Mileage	# loads
78	Water Truck Hours	
79	Pipe/Boom Truck Usage (hrs)	
80		
81		

J. LABOUR SUMMARY		TRAVEL J	HRS. WKD K	L
	DRILLER I			
82	CLIFFORD MEDLER		12 1/2	
83				
	HELPER			
84	ED COSENS		12 1/2	
85				
	OTHER			
86	RANDY CONN		12	
87	TOTAL MAN HOURS		37	

Payroll Invoicing Cont. Sup.

REMARKS: DRILL FROM 185 to 215'
TRIP OUT + IN
DRILL FROM 215' - 465'
HOLE CALLED BECAUSE OF FORMATION TRIP OUT
PULL CASING + START TO MOVE
(WORK ON WATER TRUCK)
CONDITION FOR DRILLING WET

	HOLE # M	Angle	SIZE N	FROM O	TO P	FOOTAGE Q	BIT S/N R	HAMMER S/N S	REAMER S/N T	HAMMER MOD. # U
49	R88-491	90	6 3/4	185	215	30	81287			DH6
50	R88-491	90	6	215	465	250				DH6
51	491									
52										
53										
54										

CLIENT APPROVAL: Wally Robison

TONTO APPROVAL: [illegible]

88 TOTAL FOOTAGE 280	89 SHIFT: D A N G	91 DATE (D/M/YR) 10/25/88
CLIENT BROHM	90 RIG No. 008	92 JOB No. 008
LOCATION LEAD, S.D.		

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