D88-70

BROHM MINING CORPORATION
DIAMOND DRILL HOLE LOG

SURVEY

Footage	Bearing	Inclination

Property	Gilt Edge	Hole No.	D88-70
Location	Twin to R88-395	Bearing at Collar	
		Inclination at Collar	-90°
Coord. - Collar N	44540.95		
E	26396.34	Length	251.5'
Elev. - Collar	5395.60'	Core Size	6"
Date started	11/20/88		
Completed	11/23/88	Logged by	S. Ringhoffer

LITHOLOGY, ALTERATION, MISC.	FT.	FRACTURE GRAPHIC LOG	MINERALIZATION	RECOVERY Run	Run length	Core	ANALYTICAL 6 in. Rod	4 in. Rod	Skeleton footage	ASSAY Au	Fractures Surface	Mineralization
Start Coring at 55'. Rotary 0-55'	55											
(55-75) Mod. fract. partially Ox. Tte. bx. Tte ex mostly reheal'd starting at 54'. 55-74 lightly bx. Matrix aphanitic lt. gray. phenos tan. 6cm to 1~3cm. irregular in shape.	60	.587 .100 .144 .210 .144 .070 .053 .060	(55-75) FeS2 dissm. & filling units & bx. zones. Total FeS2 ~1%. Most apparently Ox in fracts & pheno centers.	55-75	20.0	17.7		14.8			IR J4 IR J4 IR J4 IP J4	FeOx, clay FeOx FeOx FeOx, clay FeS2
(75-94.4) Ttp, some zones of reheal'd bx & altered feldspars. Alt. minor. Most FeS2 Fz. & filling irregularities Fracts. & some phenos.	70 80 90	.070 .030 FZ, BX 35 F	(75-94.4) Total FeS2 ~1% dissm & in reheal'd fract zones. Total Ox. minor throughout - confined mostly to preexisting fracts.	75-94.4	19.6	19.9		9.2			ES J4 PR J4	tr FeS2 FeOx tr.
(94.4-114.4) Mod. Fract. Ttp (Tbax ?) Some bx. Run characterized by reheal'd bx. of Ttp. Ox minor and confined to natural fracts. Bx frags ~1cm to 50cm. Ttp bx kinda vuggy w/ FeS2 lining or filling some vugs.	100 110	35 F	(94.4-114.4) Total FeS2 ~2%. 1/3 FeS2 is cubic, other 1/3 is dark gray, fz. & fills voids, fracts with cubic type.	94.4-114.4	20.0	18.5		14.9			PR J4 IR J4	FeS2, FeOx FeS2, FeOx
			(110') Some wt. clay in F.Z.									

HOLE No. D88-70

BROHM MINING CORPORTION
DIAMOND DRILL HOLE LOG (Cont.)

LITHOLOGY, ALTERATION, MISC.	FT.	FRACTURE GRAPHIC LOG	MINERALIZATION	RECOVERY: Run	RECOVERY: Run length	RECOVERY: Core	ANALYTICAL: 6 in. Rod	ANALYTICAL: 4 in. Rod	ANALYTICAL: Skeleton footage	ANALYTICAL: ASSAY Au	ANALYTICAL: Fractures Surface	ANALYTICAL: Mineralization
	110	40, 10									PR 74	FeSz, FeOX
(114.4-121) Highly fract Thya. Clasts of Ttp & Thtp with Ttp nominant.			(114.4-121) FeSz dissm. & healing tracts to ~2%. Abund. sooty black material along ex tracts (ground pyrite)	114.4-121	7.0	4.0		1.4				
(121-141.5) Same as above lithology. Alteration of clasts & matrix w/ to ex. Fracturing throughout run seems random w/ no altered & to C.A. and mostly drilling induced. Far to many to record on strat. Only prominant natural looking ones shown.	120	F	(121-141.5) FeSz 2-3% (Ttp. Fluorite. FeSz cubic & E.G. in habit. (125-139) Pyrophyllite as "clasts" and replacing phen centers.	121-141.5	20.5	18.7		11.1				
	130	70										
	140	F										
(141.4-144.9) Same lithy as above. Short run due to block off. Probable low % core recovery due to grinding of Thya in core barrel.			(144-150) Pyrophyllite replacing clasts & phenos. ~1%. (144.9-164.8) Total FeSz 3-5% dissm. and filling tracts & voids.	141.5-144.9	4.4	2.9		0.7				
(144.9-164.8) Ttp bx w/ clasts of Ttp scattered throughout. Ttp clasts angular to round. Abund open space partially filled w/ pyrophyllite / FeSz & traces of fluorite.	150			144.9-164.8	19.9	18.6		8.6				
	160	F	(161-173) Fluorite locally abund. E.G. dissm. & filling tracts in Ttp bx.									
(164.4-184.3) Ttp bx. (169-173) brecciation less pronounced & less Ttp xpls. Alteration moderate & fract. heavy.	170	F	(164.4-184.3) FeSz dissm. & filling tracts ~1%. (167-184) Pyrophyllite rel. abund. Trace of Fluorite throughout run, sometimes locally abund on fract. surfaces.	164.8-184.3	19.5	17.9		7.8				
	180											

HOLE No. D88-70

BROHM MINING CORPORTION
DIAMOND DRILL HOLE LOG (Cont.)

LITHOLOGY, ALTERATION, MISC.	FT.	FRACTURE GRAPHIC LOG	MINERALIZATION	RECOVERY Run	Run length	Core	ANALYTICAL 6 in. Rod	4 in. Rod	Skeleton footage	ASSAY Au	Fractures Surface	Mineralization
	170											
(184.3-204.3) Tto. Lightly brecciated but fracturing still high. Well characterized by heavy relative alteration & fracturing also less brecciation of Tto.	190	F 75	(184.3-204.3) FeS2 disem. & filling fracts. Total FeS2 2-5%. Traces of CuFeS2 & Fluorite									
(188') Slickenside on fract. surface w/ rake in plane of fract of 25°.		F	(184-188) FeOx along fracts & groundmass mineralization. Fract zones seem somewhat clay when wet.	184.3-204.3	20.0	19.1		2.4				
	200	F										
(204.3-217) Heavy fract Tto. Fracturing to dense to record - most appear natural & high &.	210	F	(204.3-217) Total FeS2 ~1% FeOx moderate in fracts to 221' Pyrophyllite mostly in phenocrystals & fracts.	204.4-217	12.6	10.0		1.2				
		75	(217-220) Numerous micro fracts filled w/ FeS2 high & to C.A									
(217-231.5) Heavy fract Tto. Generally same litho as above. Less FeOx & same distribution of pyrophyllite. Tto becoming less fract from 232' to 251.5.	220		(217-231.5) Total FeS2 disem. & in healed fracts ~1%. Forming fract minerals along fracts	217-231.5	14.5	14.5		0.0			PR J5	FeOx, FeS2
(231.5-251.5) Mod. fract Tto. Fract less abund. Fracts healed w/ FeS2. Most fracts appear drilling induced and are (NE) & to C.A. Tto fairly equigranular w/ phenocryst size avg. of ¼ to 1 cm.	230	F	(231.5-251.5) Total FeS2 ~1-2% locally in healed fracts & disem. Fr. pyrophyllite th-roughout mod. FeOx minor	231.5-251.5	20.0	19.1		8.6			PR J4	FeS2
	240	70	(251') Fluorite.									
	250											

TD 251.5

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Geochemical Lab Report

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Geochemical Lab Report

REPORT: 499-0237 (COMPLETE)

REFERENCE INFO: NONE LISTED

CLIENT: BROHM MINING CORP.
PROJECT: NONE LISTED

SUBMITTED BY: J. BARRON
DATE PRINTED: 22-MAR-89

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Ag	Silver	15	0.02 OPT		
2	Au	Gold	15	0.002 OPT		Fire Assay

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	15	2 -150	15	Assay Prep	15

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MR. JIM BARRON

INVOICE TO: MR. JIM BARRON

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Geochemical Lab Report

REPORT: 499-0237

PROJECT: NONE LISTED PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Ag OPT	Au OPT
D2 D88-70-190.7-192		0.03	0.015
D2 D88-70-194.3-195.4		0.07	0.007
D2 D88-70-198-199.3		0.03	0.008
D2 D88-70-202.4-204.3		0.03	0.009
D2 D88-70-209.9-211.4		0.04	0.008
D2 D88-70-214.4-215.7		0.09	0.045
D2 D88-70-218.4-219.4		0.03	0.042
D2 D88-70-221.8-223.2		0.06	0.105
D2 D88-70-225.9-227		0.04	0.097
D2 D88-70-229.9-231		0.03	0.048
D2 D88-70-231.5-232.7		0.03	0.035
D2 D88-70-235-236		0.04	0.049
D2 D88-70-238-238.9		0.04	0.032
D2 D88-70-245.3-246.4		<0.02	0.009
D2 D88-70-249.2-251.5		0.03	0.011

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Geochemical Lab Report

REPORT: 499-0236 (COMPLETE)

REFERENCE INFO: NONE LISTED

CLIENT: BROHM MINING CORP.
PROJECT: NONE LISTED

SUBMITTED BY: J. BARRON
DATE PRINTED: 23-MAR-89

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Ag	Silver	15	0.02 OPT		
2	Au	Gold	15	0.002 OPT		Fire Assay

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	15	2 -150	15	Assay Prep	15

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Geochemical Lab Report

REPORT: 499-0236

PROJECT: NONE LISTED

SAMPLE NUMBER	ELEMENT UNITS	Ag OPT	Au OPT
D2 D88-70-133.7-134.9		0.06	0.009
D2 D88-70-137-138.8		0.15	0.021
D2 D88-70-141.5-142.4		0.06	0.013
D2 D88-70-144.9-145.9		0.06	0.007
D2 D88-70-148.2-149.3		0.10	0.004
D2 D88-70-151.3-152.6		0.10	0.012
D2 D88-70-155.3-156.5		0.10	0.014
D2 D88-70-159.2-160.4		0.04	0.006
D2 D88-70-162.5-164		0.04	0.014
D2 D88-70-166.6-167.5		0.06	0.006
D2 D88-70-169.9-171		0.06	0.006
D2 D88-70-173.6-174.9		0.07	0.011
D2 D88-70-178-179.8		0.10	0.022
D2 D88-70-182.5-184.3		0.12	0.008
D2 D88-70-186.7-188.2		0.03	0.014

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Geochemical Lab Report

REPORT: 499-0234 (COMPLETE)

REFERENCE INFO: NONE LISTED

CLIENT: BROHM MINING CORP.
PROJECT: NONE LISTED

SUBMITTED BY: J. BARRON
DATE PRINTED: 23-MAR-89

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Ag	Silver	6	0.02 OPT		
2	Au	Gold	6	0.002 OPT		Fire Assay

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	6	2 -150	6	Assay Prep	6

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Geochemical Lab Report

REPORT: 499-0234

PROJECT: NONE LISTED PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Ag OPT	Au OPT
D2 D88-70-57.6-58.6		0.10	0.587
D2 D88-70-61.7-62.8		0.21	0.144
D2 D88-70-64.9-65.1		0.07	0.144
D2 D88-70-67.6-72.3		0.06	0.053
D2 D88-70-75-76.6		0.03	0.070
D2 D88-70-78.8-79.9		0.03	0.080

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Geochemical Lab Report

REPORT: 499-0235 (COMPLETE)

REFERENCE INFO: NONE LISTED

CLIENT: BROHM MINING CORP.
PROJECT: NONE LISTED

SUBMITTED BY: J. BARRON
DATE PRINTED: 22-MAR-89

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Ag	Silver	13	0.02 OPT		
2	Au	Gold	13	0.002 OPT		Fire Assay

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	13	2 -150	13	Assay Prep	13

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Geochemical Lab Report

REPORT: 499-0235

PROJECT: NONE LISTED

SAMPLE NUMBER	ELEMENT UNITS	Ag OPT	Au OPT
D2 D88-70-82.2-83.8		0.03	0.054
D2 D88-70-86.5-87.9		0.04	0.063
D2 D88-70-90.7-92.2		0.03	0.019
D2 D88-70-94-95.2		0.03	0.064
D2 D88-70-97.4-98.5		<0.02	0.017
D2 D88-70-100.9-101.8		<0.02	0.012
D2 D88-70-104.2-105.7		0.03	0.043
D2 D88-70-108.4-110		0.03	0.027
D2 D88-70-112.5-114.4		0.03	0.027
D2 D88-70-116.6-121		0.03	0.027
D2 D88-70-123.4-124.3		0.04	0.025
D2 D88-70-126.9-127.8		0.03	0.018
D2 D88-70-130.1-131.2		<0.02	0.007

Luisier Well Drilling, Inc.

DATE 11-20-88 DRILLER Rich

HOLE NO. D88-70 HELPER Bob

BIT SIZE 6" core SAMPLER Tex
10"
8 5/8"

QUICK GEL | QUICK TROL | QUICK FOAM

ROD NO.	DEPTH		WATCH TIME	REMARKS
			8:20	start shift pick up equip. to move to next hole
			11:30	wait for cat to chag comp. to next site
			11:45	move comp.
			1:00	get rest of equipe and set up on hole D88-70
			4:00	Drill 10" hole and set 9" pipe & water
		30 min		
	1 hr 15 min		6:00	go for water 7:15 return
			6:15	get set up to drill 8 5/8
	0	55		drill to 55'
			7:15	set up to core New bit barrel R 163001
R	55	60'	7:42	start coring
			8:00	End shift

Night shift finish run.

DATE 11-20 to 11-21-88 **Luisier Well Drilling, Inc.** DRILLER DAN

HOLE NO. DBB-70 HELPER DAVE

BIT SIZE 6" SAMPLER Jim

QUICK GEL	QUICK TROL	QUICK FOAM

ROD NO.	DEPTH		WATCH TIME	REMARKS
Barrel R	59		8:00	Start Shift Core Running
	61		8:10	Add Rod
	75.8		10.34	Runover Pull Rod
Barrel C	75.8		11 00	Start Run
	94	4	1.30	Run over
			1 15	Charge Barrel
Barrel R	94	4	1 55	Start Run
	114	4	5:05	End Run
			2:00	Went For water
Barrel C	114.4		5:34	Start Core
	119		615	Airplugged OFF Bit, Stuck
				Pull Rod and Barrel C
			6:00	Go For Fuel and Haul Core
Disregard →			650	Bad Valve in Top of Barrel
			7.10	Took Bit off of Barrel C Lifter
				Twisted sideways caused shoe
				To unscrew and plug air and
				Screwed up valve at Top of
				Barrel
			8:00	End Shift

2:00 to 3:00 Water Run 1hr

600 to 7.30 Haul core To pickup 1½ hr

60 Feet of Core YA!!!

DATE 11-21-88 **Luisier Well Drilling, Inc.** DRILLER Rich

HOLE NO. D88-20 HELPER Tex

BIT SIZE 6" core SAMPLER Bob

QUICK GEL	QUICK TROL	QUICK FOAM

ROD NO.	DEPTH	WATCH TIME	REMARKS
	1hr.	8:00	stad shift get water truck & put barrels together
		9:00	run rods
R	121	9:05	start coring
20.5	141.5	11:23	pull rods
C	141.5	11:48	start coring
	144.9	12:07	shoe unscrewed pull rods put R together & run rods Tex eich motel
R	144.9	1:12	start coring
20.1	164.8	3:20	End run pull rods
		3:45	empty barrel R
R	164.8	4:52	start coring
19.5	184.3		
	1hr	5:30	go for water 6:30
		7:15	break core clean hole pull rods
		7:50	fix tex unload barrel
		8:00	End shift

60.3 core

DATE 11-21 to 11-22-88 **Luisier Well Drilling, Inc.** **DRILLER** DAN

HOLE NO. D88-20 **HELPER** DAVE

BIT SIZE 6" **SAMPLER** Jim

QUICK GEL	QUICK TROL	QUICK FOAM

ROD NO.	DEPTH		WATCH TIME	REMARKS
R	184	.3	8:00	Start Shift
			8:15	Empty Core Barrel R
			8:50	Run Rods
	184	.3	9:30	Start Core
R	204	.3	2:30	Run over Pull Rod
			3:15	Empty Barrel R Work on Barrel
			12:30	Went For water 1230 to 2:00 1½ hr
R	204	3	3:50	Put Core Barrel & Rod in
R	204	3	4:30	Start Coring
			4:35	Work on Barrel C Try to break top
			5:30	Go For water and Fuel
			7:00	Hauled Remainder of Core to pick up point
	215	.5	8:00	End Shift

32.5 Ft of Core

2½ hr. Water

DATE 11-22-88 **Luisier Well Drilling, Inc.** DRILLER Rich

HOLE NO. D88-70 HELPER Tex

BIT SIZE 6" core SAMPLER Bob

QUICK GEL	QUICK TROL	QUICK FOAM

ROD NO.	DEPTH	WATCH TIME	REMARKS
		8:00	start shift
R	217	8:15	pull rods barrel blocked
13'		8:30	~~8:30~~ put reaming shell on
			barrel C bit on R shot
			Barrel C bit # 163000 reaming
			shell 1576-00
		9:30	ream hole to 217'
	45min	11:45	go for water 12:30 return
C	217	1:50	start coring
14.5	231.5	~~5:15~~ 2:25	end run pull rods
R 157201		6:00	put bit # 157201 on barrel R
		6:15	run rods
	45min	6:30	go for water 7:45
R	231.5	7:37	start coring
		8:00	End shift

Bit off of barrel R # 163001

27.5 core

DATE 11-22 to 11-23 88 **Luisier Well Drilling, Inc.** DRILLER Dan

HOLE NO. D88-70 HELPER Dave

BIT SIZE 6" SAMPLER Jim

QUICK GEL	QUICK TROL	QUICK FOAM

ROD NO.	DEPTH	WATCH TIME	REMARKS
R	235	8:00	Start Shift
	251.5	10:20	End Run Pull Rod
C		11:16	Change to Barrel C
		11:40	Ream Hole 110 to 251.5
C	251.5	1:20	Start Core
	254	2:40	Air Pluged off Pull Rod
45min		2:00	Water Run
		3:57	Pull Barre C out Shoe unscrewd
			droped Lift in hole change
			to Worn out Bit and try to
			retrere
		4:10	Helpers Chaning Bit & went
			To Town to ask Rick advise
		5:00	1st attemp. to get Lifter out
		5:35	Did not work try agian
		6:15 to 6:45	2nd Atemp did'nt work
		7:30	Clean up put away tools
		8:00	Rick arived with order to Tricone
			drill Lifter out 6" past bottom 254.5
		10:00	Ream Hole For Core Barrel
	260	10:50	Start Core
	261.5	11:30	Stop Core
		12:00	End Shift

See attached sheet for additional hours