Contractor: Hackworth
Drill Type: CP-700 (Truck mounted)
Hole Size: 5 1/2"
Collar Elev.: 5655.9

Coordinates: 25638.89 E 47351.27 N
Casing Depth: 2 1/2' (5' used)
Bearing: N45W Inclination: -50
Final Depth: 480'

Project: Anchor Hill Expl.
State: SD
Date Started: 7/8/92 1:55 PM
Date Completed: 7/9/92 2:15 PM

Hole No.: R92-865 (A-11)
Sheet 1 of 3
Property: Gilt Edge
Hole Surveyed: No (collar only)

(308.5' horiz. proj.)

Distance (feet)	Graphic Logs: Alteration (Weak / Moderate / Strong)	Total Sulfides (vol %)	Rock Code	Ore Code	Down Hole Location: Distance Down Hole (feet)	% Sulphides	Rock Type	Geologic Notes: Description (Mineralogy, Alteration, Textures, Grain Size, Fragment Size)	Mineralization: Distribution (Massive, Disseminated, Veinlet, Replacement)	Type	Assay: Au	Ag
			85	3	0-5	NIL	TQTP	0-455 QUARTZ TRACHYTE PORPHYRY	0-480 OXIDE			
								light tan to grnish tan porp. pink sanid.	0-80 MED ORG BRN PERV. FeOx			
								light grey qtz and chalky white to light	MINOR RED BRN FeOx			
					20-25			grey perthite in tan to grnish tan aphan.				
								groundmass.				
								(0-80) ARGILLIC to sericitic Alt.?				
					45-50							
					70-75							
								(80-320) propylitic to ARGILLIC ALT.	(80-160) Lt to Med perv. ORG BRN FeOx			
					95-100							
					120-125							
					145-150							
									(160-200) Light ORG BRN Perv. FeOx staining			
					170-175				10-50% of chips			

DRILL CUTTING LOG

Logged by: R.J. Macdonald

7/8 1:50 ON SITE DRILLING TO SET CASING
3:10 shut down for clay @ 80'

7/9 ~6:30 DRILLING

WET @ 380' due to clay

DEEP MAROON FeOx 447' to 452

Edh @ 454 - bleached

2:15 PM T.D.

2:15 - 4:00 TRIPPING

4:00 - 4:45 MOVING TO DM-3 (292-866)

Contractor _____ Coordinates _____ Project _____ Hole No. R92-865

Drill Type _____ Casing Depth _____ State _____ Sheet 2 of 3

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

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

DISTANCE (feet)	GRAPHIC LOGS: ALTERATION (1 Weak, 2 Moderate, 3 Strong)	TOTAL SULFIDES (vol %)	ROCK CODE	ORE CODE	DOWN HOLE LOCATION: DISTANCE DOWN HOLE (feet)	% sulphides	ROCK TYPE	GEOLOGIC NOTES: DESCRIPTION (MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE)	MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinlet, Replacement) / TYPE	ASSAY Au	ASSAY Ag
			853	3	175-180	NIL	TQTP	QUARTZ TRACHYTE POR. CONT.	OXIDE CONT.		
					195-200						
									(200-235) Lt to med perv. ORG BRN FeOx staining 25-90% of chips		
					220-225						
									(235-320) AS BETWEEN 160-200		
					245-250						
					270-275						
					295-300						
					320-325			(320-455) SERICITIC TO POTASSIC	(320-395) Lt to med perve ORG + Red BRN FeOx staining 75 to 85% of chips		
					345-350						

DRILL CUTTING LOG

Logged by: [illegible]

Contractor _____ Coordinates _____ Project _____ Hole No. R92-865

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

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

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

DISTANCE (feet)	GRAPHIC LOGS: ALTERATION (Weak, Moderate, Strong)	TOTAL SULFIDES (vol %)	ROCK CODE	ORE CODE	DOWN HOLE LOCATION: DISTANCE DOWN HOLE (feet)	% Sulphides	ROCK TYPE	GEOLOGIC NOTES: DESCRIPTION (MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE)	MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinlet, Replacement) TYPE	ASSAY Au	ASSAY Ag
			85	3	350-355	NIL	TQTP	QUARTZ TRACHYTE POR. cont	OXIDE CONT.		
								350-455 HIGHLY FCTD + BROKEN ROCK			
								TQTP Lighter COLOR IN chips UNSTAINED			
								BY FeOx, GROUNDMASS AND PHENOS NOT			
					370-375			AS READILY DISTINGUISHED - K20 ALT?			
					395-400				(395-405) DK RED + ORG BRN FeOx		
									Perv. in 90-100% of chips		
									(405-455) mix of Med to DK Red + ORG		
									BRN perv. FeOx in 50 to 90%		
									of chips		
					420-425						
					445-450						
				30			Edh	455-480 DEADWOOD FORMATION HORNFELS	(455-480) WEAK Lt to DK ORG		
								INTERBEDDED LT, med + DK DRAB OLIVE GREEN	BRN FeOx IN FCTS minor to		
								HORNFELS w/ minor Sandy BRN Lenses(?)	nil perv. staining.		
					470-475			Laminae to Thin Beds.			
								480' END OF HOLE			
					495-500						
					520-525						

DRILL CUTTING LOG

Logged by: R. J. MacLeod

DEGUSH MINING CORPORATION
GILT EDGE MINE
ASSAY REPORT

SHEET NO.: _____

R92-865

DATE: 7/22/92

	SAMPLE #	INQUART	PULP WT.	DORE WT. (mg)	AU WT. (mg)	AU OZ/TON	AG OZ/TON	REMARKS
1	0/5	2.5	1.0	2.37	.013		NIL	
2	5/10			2.40	.014		NIL	0-15 15' @ .014
3	10/15			2.51	.015		.10	
4	15/20			2.49	.032		.06	
5	20/25			2.50	.036		.06	
6	25/30 ①			2.47	.044		.03	
7	30/35			2.43	.009	15-80	.02	9.64 - 51.42
8	35/40			2.38	.022	~~.030~~ .028	NIL	
9	40/45			2.48	.002		.08	
10	45/50			2.53	.029		.10	
11	50/55			2.44	.026		.01	
12	25/30 ②			2.46	.045		.02	
13	Blank			2.40	—			
14	55/60			2.45	.028		.02	
15	60/65			2.52	.036		.08	
16	65/70			2.42	.010		.01	
17	70/75			2.45	.006		.04	
18	75/80			2.66	.088		.17	
19	80/85			2.50	.008		.09	
20	85/90			2.47	.010	85-95 .01	.06	
21	90/95			2.51	.011	@ .010	.10	
22	95/100			2.36	.002		NIL	
23	100/105			2.36	NIL		NIL	
24	105/110			2.42	.004		.02	

R92-865

[illegible]

GILT EDGE MINE

ASSAY REPORT

DATE: 7/23/92

	SAMPLE #	INQUART	PULP WT.	DORE WT.(mg)	AU WT. (mg)	AU OZ/TON	AG OZ/TON	REMARKS
1	110/115	2.5	1.0	2.40	NIL		.01	
2	115/120			2.42	.002		.03	
3	120/125			2.39	NIL		NIL	
4	125/130			2.40	NIL		.01	
5	130/135			2.38	NIL		NIL	
6	135/140			2.45	.003		.06	
7	140/145			2.42	.004		.03	
8	145/150			2.43	.004		.04	
9								
10								
11								
12								
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R92-865

BROOK MINING CORPORATION
GILT EDGE MINE
ASSAY REPORT

SHEET NO.: _____

DATE: 7/28/92

	SAMPLE #	INQUART	PULP WT.	DORE WT. (mg)	AU WT. (mg)	AU OZ/TON	AG OZ/TON	REMARKS
1	150/155	2.5	1.0	2.40	NIL		NIL	
2	155/160			2.40	NIL		NIL	
3	160/165			2.38	NIL		NIL	
4	165/170			2.36	NIL		NIL	
5	170/175			2.38	NIL		NIL	
6	175/180 ①			2.39	NIL		NIL	
7	180/185			2.37	NIL		NIL	
8	185/190			2.39	NIL		NIL	
9	190/195			2.36	NIL		NIL	
10	195/200			2.36	NIL		NIL	
11	200/205			2.41	NIL		.01	
12	175/180 ②			2.39	NIL		NIL	
13	BLANK			2.40	—			
14	205/210			2.32	NIL		NIL	
15	210/215			2.42	.002		.02	
16	215/220			2.37	NIL		NIL	
17	220/225			2.42	NIL		.02	
18	225/230			2.42	.001		.02	
19	230/235			2.40	NIL		NIL	
20	235/240			2.41	.002		.01	154.27 - 170.34
21	240/245			2.50	.060		.04	240-265
22	245/250			2.48	.036		.04	250 .029
23	250/255			2.41	.008		.002	
24	255/260			2.41	NIL		.01	

R92-865

[illegible] MINING CORPORATION
GILT EDGE MINE
ASSAY REPORT

DATE: 7/28/92

	SAMPLE #	INGQUART	PULP WT.	DORE WT. (mg)	AU WT. (mg)	AU OZ/TON	AG OZ/TON	REMARKS
1	260/265	2.5	1.0	2.53	.040		.12	
2	265/270			2.38	.003		.01	
3	270/275			2.41	.001		.04	
4	275/280			2.43	.004		.06	
5	280/285			2.46	.004		.09	
6	285/290 ①			2.46	NIL		.09	
7	290/295			2.43	.042		.02	186.4 - 189.62
8	295/300			2.42	.010		.04	
9	300/305			2.43	.003		.06	
10	305/310			2.38	.006		.004	
11	310/315			2.44	.002		.07	
12	285/290 ②			2.46	.001		.09	
13	Blank			2.37	—			
14	315/320			2.49	.027		.09	202.48 - 208.91
15	320/325			2.45	.027	$\bar{X}$ = .027	.05	
16	325/330			2.47	.013		.09	
17	330/335			2.43	.012		.05	325 - 345
18	335/340			2.50	.015		.12	20' @ .012
19	340/345			2.44	.009		.06	
20	345/350			2.57	.125		.08	
21	350/355			2.81	.320		.12	345-365
22	355/360			2.58	.101		.11	20'@ .162
23	360/365			2.61	.100		.14	221.76 - 234.62
24	365/370			2.48	.018		.09	

DATE: 7/30/92

	SAMPLE #	INQUART	PULP WT.	DORE WT. (oz)	AU WT. (oz)	AU OZ/TON	AG OZ/TON	REMARKS
1	230/235	2.5	1.0	2.59	.090		.09	B92-869
2	235/240			2.56	.027		.08	
3	240/245			2.58	.032		.14	
4	245/250			2.66	.029		.22	
5	250/255			2.91	.030		.47	
6	255/260 ①			2.80	.022		.37	
7	260/265			2.48	.030		.04	
8	265/270			2.64	.020		.21	
9	270/275			2.94	.013		.52	
10	275/280			2.63	.034		.19	
11	280/285			2.72	.039		.27	
12	255/260 ②			2.83	.023		.40	
13	BLANK			2.41	—			
14	285/290			2.77	.029		.33	
15	290/295			2.55	.030		.11	
16	295/300			2.65	.034		.21	
17	300/305			2.84	.019		.41	
18	305/310			2.56	.017		.13	
19	380/385	2.5	1.0	2.53	.030		.09	B92-865
20	385/390			2.50	.028		.06	380 - 400
21	390/395			2.48	.012		.06	20' @ .036
22	395/400			2.60	.073		.12	244.26 - 257.12
23	400/405			2.43	.018		.002	400 - 420
24	405/410			2.48	.015		.06	20' @ .016

R92-865

BROOK MINING CORPORATION
GILT EDGE MINE
ASSAY REPORT

DATE: 7/28/92

	SAMPLE #	INSQUART	PULP WT.	DORE WT.(mg)	AU WT. (mg)	AU OZ/TON	AG OZ/TON	REMARKS
1	370/375	2.5	1.0	2.45	.006		.12	
2	375/380			2.45	.004		.13	
3								
4								
5								
6								
7								
8								
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11								
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15								
16								
17								
18								
19								
20								
21								
22								
23								
24								

ASSAY REPORT

DATE: 7/30/92

	SAMPLE #	INQUART	PULP WT.	DORE WT. (mg)	AU WT. (mg)	AU OZ/TON	AG OZ/TON	REMARKS
1	410/415	2.5	1.0	2.50	.014		.11	
2	415/420			2.47	.015		.08	
3	420/425			2.53	.035		.12	269.97-273.18
4	425/430			2.52	.014		.12	425-465
5	430/435			2.51	.017		.11	40 @ .015
6	435/440 ①			2.52	.016		.12	
7	440/445			2.48	.015		.08	
8	445/450			2.41	.010		.02	
9	450/455			2.58	.018		.18	
10	455/460			2.63	.011		.24	
11	460/465			2.52	.014		.13	
12	435/440 ②			2.52	.016		.12	
13	Blank			2.38	—			
14	465/470			2.39	.003		.01	
15	470/475			2.42	.002		.04	
16	475/480			2.47	.004		.09	
17								
18								
19								
20								
21								
22								
23								
24								