S-16-19 DEC. 16, 1991 JR

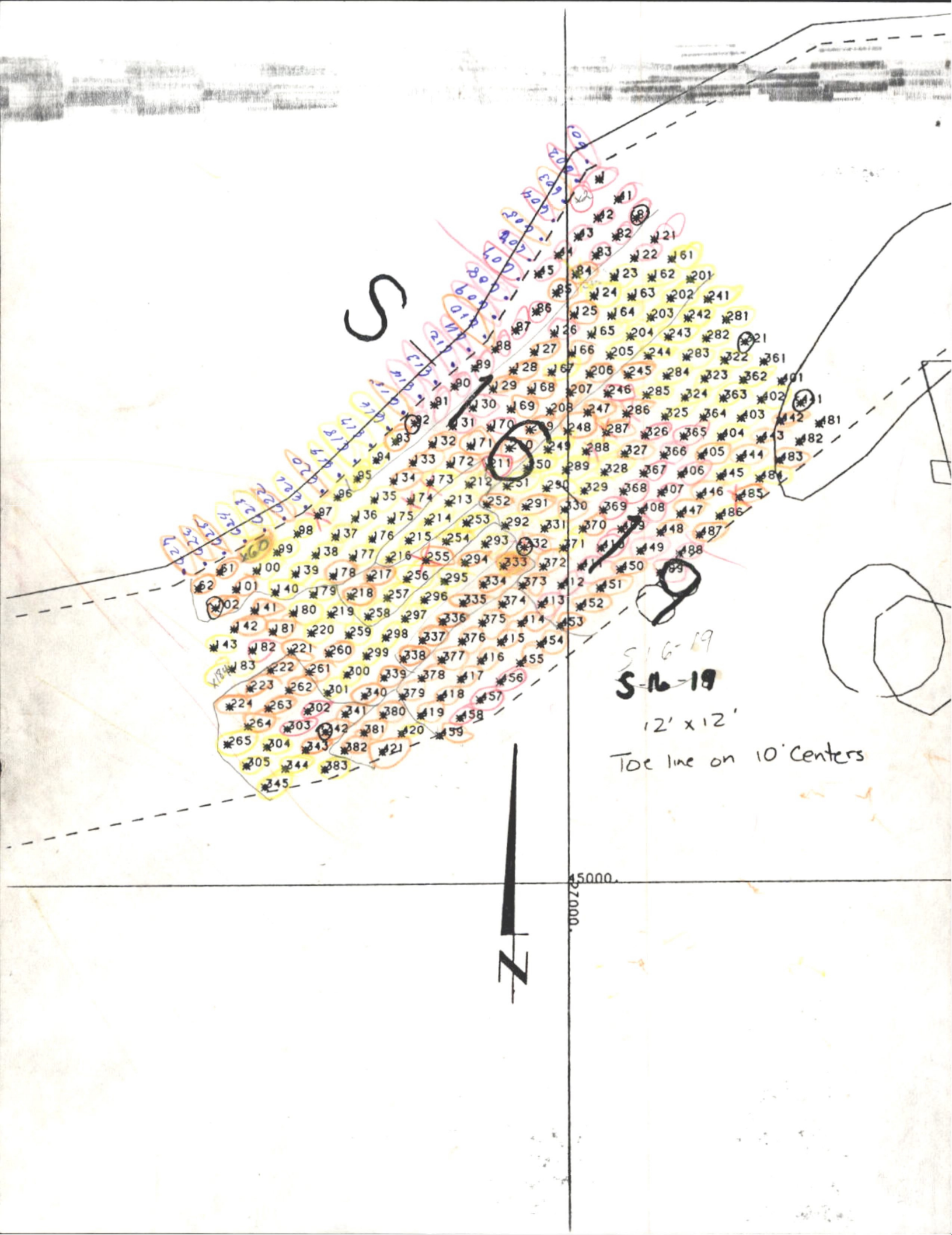
bench no	shot no	bh no	fire au	aa au	fire equiv (aa/ratio)	ore type	ratio	actual ratio (aa/fire)
		0						
0	11619	0			0.000		95.0%	
S16	19	1	22.000-	19.000-	22.000	3-	100.0%	86.4%
S16	19	2	18.000-	18.000-	18.000	3-	100.0%	100.0%
S16	19	41	12.000-	11.000-	12.000	3-	100.0%	91.7%
S16	19	42	10.000-	11.000-	10.000	3-	100.0%	110.0%
S16	19	43		3.000-	3.158	3-	95.0%	
S16	19	44		5.000-	5.263	3-	95.0%	
S16	19	45		4.000-	4.211	3-	95.0%	
S16	19	60		5.000-	7.143	1-	70.0%	
S16	19	61		7.000-	8.333	2-	84.0%	
S16	19	62		3.000-	3.571	2-	84.0%	
S16	19	81	16.000-	14.000-	16.000	3-	100.0%	87.5%
S16	19	82		3.000-	3.158	3-	95.0%	
S16	19	83		2.000-	2.105	3-	95.0%	
S16	19	84		5.000-	5.952	2-	84.0%	
S16	19	85		6.000-	7.143	2-	84.0%	
S16	19	86		3.000-	3.158	3-	95.0%	
S16	19	87		6.000-	6.316	3-	95.0%	
S16	19	88		4.000-	4.211	3-	95.0%	
S16	19	89		6.000-	6.316	3-	95.0%	
S16	19	90	6.000-	5.000-	6.000	3-	100.0%	83.3%
S16	19	91		6.000-	6.316	3-	95.0%	
S16	19	92		5.000-	5.263	3-	95.0%	
S16	19	93		2.000-	2.381	2-	84.0%	
S16	19	94		0.000-	0.000	1-	70.0%	
S16	19	95		2.000-	2.857	1-	70.0%	
S16	19	96		2.000-	2.857	1-	70.0%	
S16	19	97		1.000-	1.429	1-	70.0%	
S16	19	98		1.000-	1.429	1-	70.0%	
S16	19	99		1.000-	1.429	1-	70.0%	
S16	19	100		1.000-	1.429	1-	70.0%	
S16	19	101	6.000-	5.000-	6.000	2-	100.0%	83.3%
S16	19	102	10.000-	6.000-	10.000	2-	100.0%	60.0%
S16	19	121		1.000-	1.053	3-	95.0%	
S16	19	122	10.000-	5.000-	10.000	3-	100.0%	50.0%
S16	19	123	6.000-	3.000-	6.000	1-	100.0%	50.0%
S16	19	124	11.000-	5.000-	11.000	1-	100.0%	45.5%
S16	19	125		11.000-	13.095	2-	84.0%	
S16	19	126		2.000-	2.105	3-	95.0%	
S16	19	127		6.000-	7.143	2-	84.0%	
S16	19	128		3.000-	3.571	2-	84.0%	
S16	19	129		1.000-	1.190	2-	84.0%	
S16	19	130		2.000-	2.105	3-	95.0%	
S16	19	131	7.000-	3.000-	7.000	3-	100.0%	42.9%
S16	19	132		0.000-	0.000	2-	84.0%	
S16	19	133		0.000-	0.000	2-	84.0%	
S16	19	134		0.000-	0.000	2-	84.0%	
S16	19	135		0.000-	0.000	1-	70.0%	
S16	19	136		0.000-	0.000	1-	70.0%	
S16	19	137		1.000-	1.429	1-	70.0%	
S16	19	138		2.000-	2.857	1-	70.0%	
S16	19	139		2.000-	2.857	1-	70.0%	
S16	19	140		1.000-	1.429	1-	70.0%	

S16	19	141		8.000	9.524	2	84.0%	
S16	19	142		11.000	13.095	2	84.0%	
S16	19	143		24.000	34.286	1	70.0%	
S16	19	161	12.000	9.000	12.000	1	100.0%	75.0%
S16	19	162		4.000	5.714	1	70.0%	
S16	19	163	13.000	5.000	13.000	1	100.0%	38.5%
S16	19	164		2.000	2.857	1	70.0%	
S16	19	165		6.000	8.571	1	70.0%	
S16	19	166		1.000	1.190	2	84.0%	
S16	19	167		3.000	4.286	1	70.0%	
S16	19	168		3.000	3.571	2	84.0%	
S16	19	169		1.000	1.190	2	84.0%	
S16	19	170		2.000	2.105	3	95.0%	
S16	19	171		1.000	1.190	2	84.0%	
S16	19	172		1.000	1.190	2	84.0%	
S16	19	173		1.000	1.429	1	70.0%	
S16	19	174		1.000	1.429	1	70.0%	
S16	19	175	7.000	2.000	7.000	1	100.0%	28.6%
S16	19	176		1.000	1.429	1	70.0%	
S16	19	177		0.000	0.000	1	70.0%	
S16	19	178	13.000	23.000	13.000	2	100.0%	176.9%
S16	19	179	4.000	3.000	4.000	1	100.0%	75.0%
S16	19	180		5.000	7.143	1	70.0%	
S16	19	181		10.000	11.905	2	84.0%	
S16	19	182		26.000	27.368	3	95.0%	
S16	19	183		12.000	17.143	1	70.0%	
S16	19	184		5.000	7.143	1	70.0%	
S16	19	201		3.000	4.286	1	70.0%	
S16	19	202		6.000	8.571	1	70.0%	
S16	19	203		2.000	2.857	1	70.0%	
S16	19	204		3.000	4.286	1	70.0%	
S16	19	205		3.000	4.286	1	70.0%	
S16	19	206		4.000	4.762	2	84.0%	
S16	19	207		1.000	1.190	2	84.0%	
S16	19	208		1.000	1.190	2	84.0%	
S16	19	209		5.000	5.952	2	84.0%	
S16	19	210		4.000	4.762	2	84.0%	
S16	19	211		4.000	4.211	3	95.0%	
S16	19	212		1.000	1.429	1	70.0%	
S16	19	213		1.000	1.429	1	70.0%	
S16	19	214		1.000	1.429	1	70.0%	
S16	19	215		1.000	1.429	1	70.0%	
S16	19	216		1.000	1.429	1	70.0%	
S16	19	217		12.000	14.286	2	84.0%	
S16	19	218		5.000	5.952	2	84.0%	
S16	19	219	9.000	2.000	9.000	1	100.0%	22.2%
S16	19	220		1.000	1.429	1	70.0%	
S16	19	221		11.000	13.095	2	84.0%	
S16	19	222		10.000	11.905	2	84.0%	
S16	19	223		18.000	21.429	2	84.0%	
S16	19	224		22.000	26.190	2	84.0%	
S16	19	241		6.000	8.571	1	70.0%	
S16	19	242		3.000	4.286	1	70.0%	
S16	19	243		4.000	5.714	1	70.0%	
S16	19	244		3.000	4.286	1	70.0%	
S16	19	245	10.000	6.000	10.000	2	100.0%	60.0%

S16	19	246		6.000	6.316	3	95.0%	
S16	19	247		3.000	3.571	2	84.0%	
S16	19	248	9.000	4.000	9.000	2	100.0%	44.4%
S16	19	249		2.000	2.857	1	70.0%	
S16	19	250		2.000	2.857	1	70.0%	
S16	19	251		1.000	1.429	1	70.0%	
S16	19	252		2.000	2.381	2	84.0%	
S16	19	253		2.000	2.857	1	70.0%	
S16	19	254		1.000	1.429	1	70.0%	
S16	19	255		5.000	5.952	2	84.0%	
S16	19	256		3.000	4.286	1	70.0%	
S16	19	257		13.000	18.571	1	70.0%	
S16	19	258		4.000	5.714	1	70.0%	
S16	19	259		2.000	2.857	1	70.0%	
S16	19	260		4.000	4.762	2	84.0%	
S16	19	261		33.000	39.286	2	84.0%	
S16	19	262		14.000	16.667	2	84.0%	
S16	19	263		75.000	83.333	2	90.0%	
S16	19	264		35.000	41.667	2	84.0%	
S16	19	265		9.000	12.857	1	70.0%	
S16	19	281		2.000	2.857	1	70.0%	
S16	19	282		2.000	2.857	1	70.0%	
S16	19	283		2.000	2.857	1	70.0%	
S16	19	284		1.000	1.429	1	70.0%	
S16	19	285	5.000	4.000	5.000	1	100.0%	80.0%
S16	19	286	11.000	4.000	11.000	2	100.0%	36.4%
S16	19	287	6.000	0.000	6.000	2	100.0%	0.0%
S16	19	288		1.000	1.429	1	70.0%	
S16	19	289		0.000	0.000	1	70.0%	
S16	19	290		0.000	0.000	1	70.0%	
S16	19	291		0.000	0.000	2	84.0%	
S16	19	292		2.000	2.857	1	70.0%	
S16	19	293		1.000	1.429	1	70.0%	
S16	19	294		3.000	3.571	2	84.0%	
S16	19	295		0.000	0.000	1	70.0%	
S16	19	296		3.000	4.286	1	70.0%	
S16	19	297		5.000	7.143	1	70.0%	
S16	19	298		4.000	5.714	1	70.0%	
S16	19	299	11.000	8.000	11.000	1	100.0%	72.7%
S16	19	300	10.000	8.000	10.000	1	100.0%	80.0%
S16	19	301	18.000	13.000	18.000	1	100.0%	72.2%
S16	19	302		21.000	22.105	3	95.0%	
S16	19	303		18.000	18.947	3	95.0%	
S16	19	304		24.000	34.286	1	70.0%	
S16	19	305		11.000	15.714	1	70.0%	
S16	19	322		12.000	17.143	1	70.0%	
S16	19	323		2.000	2.857	1	70.0%	
S16	19	324		2.000	2.857	1	70.0%	
S16	19	325		4.000	5.714	1	70.0%	
S16	19	326		5.000	5.263	3	95.0%	
S16	19	327	10.000	4.000	10.000	2	100.0%	40.0%
S16	19	328		1.000	1.429	1	70.0%	
S16	19	329		1.000	1.429	1	70.0%	
S16	19	330		2.000	2.381	2	84.0%	
S16	19	331		2.000	2.857	1	70.0%	
S16	19	332		3.000	3.571	2	84.0%	

S16	19	333		7.000	8.333	2	84.0%	
S16	19	334		3.000	3.571	2	84.0%	
S16	19	335		4.000	4.762	2	84.0%	
S16	19	336		45.000	53.571	2	84.0%	
S16	19	337		11.000	13.095	2	84.0%	
S16	19	338		8.000	9.524	2	84.0%	
S16	19	339		7.000	8.333	2	84.0%	
S16	19	340		17.000	20.238	2	84.0%	
S16	19	341		14.000	16.667	2	84.0%	
S16	19	342		20.000	23.810	2	84.0%	
S16	19	343	16.000	14.000	16.000	2	100.0%	87.5%
S16	19	344		12.000	17.143	1	70.0%	
S16	19	345		19.000	27.143	1	70.0%	
S16	19	362		4.000	5.714	1	70.0%	
S16	19	363		4.000	5.714	1	70.0%	
S16	19	364		8.000	11.429	1	70.0%	
S16	19	365		5.000	5.263	3	95.0%	
S16	19	366		4.000	4.211	3	95.0%	
S16	19	367		2.000	2.105	3	95.0%	
S16	19	368		2.000	2.105	3	95.0%	
S16	19	369		3.000	3.158	3	95.0%	
S16	19	370	5.000	2.000	5.000	2	100.0%	40.0%
S16	19	371		2.000	2.857	1	70.0%	
S16	19	372		2.000	2.381	2	84.0%	
S16	19	373		8.000	9.524	2	84.0%	
S16	19	374		18.000	21.429	2	84.0%	
S16	19	375		19.000	22.619	2	84.0%	
S16	19	376		10.000	11.905	2	84.0%	
S16	19	377		20.000	23.810	2	84.0%	
S16	19	378		5.000	5.952	2	84.0%	
S16	19	379		4.000	4.762	2	84.0%	
S16	19	380	12.000	3.000	12.000	2	100.0%	25.0%
S16	19	381	54.000	51.000	54.000	2	100.0%	94.4%
S16	19	382	17.000	16.000	17.000	2	100.0%	94.1%
S16	19	383		16.000	22.857	1	70.0%	
S16	19	402		3.000	4.286	1	70.0%	
S16	19	403		15.000	21.429	1	70.0%	
S16	19	404		4.000	5.714	1	70.0%	
S16	19	405		8.000	9.524	2	84.0%	
S16	19	406		12.000	12.632	3	95.0%	
S16	19	407		19.000	20.000	3	95.0%	
S16	19	408		5.000	5.263	3	95.0%	
S16	19	409		3.000	3.158	3	95.0%	
S16	19	410		3.000	3.158	3	95.0%	
S16	19	411		7.000	7.368	3	95.0%	
S16	19	412		3.000	3.158	3	95.0%	
S16	19	413		6.000	6.316	3	95.0%	
S16	19	414	27.000	17.000	27.000	2	100.0%	63.0%
S16	19	415	13.000	13.000	13.000	2	100.0%	100.0%
S16	19	416	11.000	8.000	11.000	2	100.0%	72.7%
S16	19	417	21.000	14.000	21.000	2	100.0%	66.7%
S16	19	418	14.000	8.000	14.000	2	100.0%	57.1%
S16	19	419	10.000	4.000	10.000	2	100.0%	40.0%
S16	19	420	11.000	4.000	11.000	1	100.0%	36.4%
S16	19	421		32.000	38.095	2	84.0%	
S16	19	442		3.000	3.571	2	84.0%	

S16	19	443		5.000	5.952	2	84.0%	
S16	19	444		6.000	7.143	2	84.0%	
S16	19	445		4.000	5.714	1	70.0%	
S16	19	446		5.000	5.952	2	84.0%	
S16	19	447		16.000	19.048	2	84.0%	
S16	19	448		12.000	14.286	2	84.0%	
S16	19	449		8.000	8.421	3	95.0%	
S16	19	450		16.000	19.048	2	84.0%	
S16	19	451		14.000	16.667	2	84.0%	
S16	19	452		9.000	10.714	2	84.0%	
S16	19	453		39.000	46.429	2	84.0%	
S16	19	454		21.000	25.000	2	84.0%	
S16	19	455		11.000	13.095	2	84.0%	
S16	19	456		17.000	17.895	3	95.0%	
S16	19	457		35.000	36.842	3	95.0%	
S16	19	458		6.000	6.316	3	95.0%	
S16	19	459		15.000	17.857	2	84.0%	
S16	19	483		5.000	5.952	2	84.0%	
S16	19	484		4.000	5.714	1	70.0%	
S16	19	485		7.000	8.333	2	84.0%	
S16	19	486		7.000	10.000	1	70.0%	
S16	19	487		4.000	4.762	2	84.0%	
S16	19	488		14.000	14.737	3	95.0%	
S16	19	489		13.000	13.684	3	95.0%	
S16	19	601		42.000	44.211	3	95.0%	
S16	19	602		15.000	15.789	3	95.0%	
S16	19	603		2.000	2.381	2	84.0%	
S16	19	604		5.000	5.263	3	95.0%	
S16	19	605		14.000	16.667	2	84.0%	
S16	19	606		10.000	10.526	3	95.0%	
S16	19	607		11.000	11.579	3	95.0%	
S16	19	608		5.000	5.263	3	95.0%	
S16	19	609		2.000	2.105	3	95.0%	
S16	19	610		3.000	3.571	2	84.0%	
S16	19	611		5.000	5.263	3	95.0%	
S16	19	612		9.000	9.474	3	95.0%	
S16	19	613		5.000	5.263	3	95.0%	
S16	19	614		4.000	4.211	3	95.0%	
S16	19	615		2.000	2.381	2	84.0%	
S16	19	616		1.000	1.429	1	70.0%	
S16	19	617		1.000	1.429	1	70.0%	
S16	19	618		1.000	1.429	1	70.0%	
S16	19	619		0.000	0.000	1	70.0%	
S16	19	620		1.000	1.190	2	84.0%	
S16	19	621		0.000	0.000	1	70.0%	
S16	19	622		10.000	11.905	2	84.0%	
S16	19	623		1.000	1.429	1	70.0%	
S16	19	624		1.000	1.429	1	70.0%	
S16	19	625		3.000	3.571	2	84.0%	
S16	19	626		3.000	3.571	2	84.0%	
S16	19	627		5.000	5.952	2	84.0%	
		mean	12.6410	7.2435	8.9623		83.6%	9.5%


S
N
45000.
27000.
S-16-19
12' x 12'
Toe line on 10' Centers

PATTERN S/16/19

FIRE REQUEST SHEET

DATE DEC/13/91

NO.	SULF	MIX	GRADE	NO.	SULF	MIX	GRADE	NO.	SULF	MIX	GRADE
1		OXY	.022	301	X		.018	11			
2		OXY	.018	327		X	.010	12			
41		OXY	.012	343		X	.016	13			
42		OXY	.010	370		X	.005	14			
81		OXY	.016	380		X	.012	15			
90		OXY	.006	381		X	.054	16			
101		X	.006	382		X	.017	17			
102		X	.010	414		X	.027	18			
122		OXY	.010	415		X	.013	19			
123	X		.006	416		X	.011	20			
124	X		.011	417		X	.021	21			
131		OXY	.007	418		X	.014	22			
161	X		.012	419		X	.010	23			
163	X		.013	420	X		.011	24			
175	X		.007					25			
178		X	.013	1				26			
179	X		.004	2				27			
219	X		.009	3				28			
245		X	.010	4				29			
248		X	.009	5				30			
285	X		.005	6				31			
286		X	.011	7				32			
287		X	.006	8				33			
299	X		.011	9				34			
300	X		.016	10				35			

FIRE REQUEST SHEET

PATTERN S/16/19 DATE DEC/13/91

NO.	SULF	MIX	GRADE	NO.	SULF	MIX	GRADE	NO.	SULF	MIX	GRADE
1		oxy		301	X			11			
2		oxy		327		X		12			
41		oxy		343		X		13			
42		oxy		370		X		14			
81		oxy		380		X		15			
90		oxy		381		X		16			
101		X		382		X		17			
102		X		414		X		18			
122		oxy		415		X		19			
123	X			416		X		20			
124	X			417		X		21			
131		oxy		418		X		22			
161	X			419		X		23			
163	X			420	X			24			
175	X							25			
178		X		1				26			
179	X			2				27			
219	X			3				28			
245		X		4				29			
248		X		5				30			
285	X			6				31			
286		X		7				32			
287		X		8				33			
299	X			9				34			
300	X			10				35			

BROHM MINING CORPORATION
Gilt Edge Project

Pit-Bench-Pattern #
5-16-17

Submittal Date
12/11/91

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

DATE

NAME

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	459		.015	25.	Standard ✓		
2.	212		.001	26.			
3.	213		.001	27.			
4.	214		.001	28.			
5.	215		.001	29.			
6.	216		.001	30.			
7.	380		.003	31.			
8.	Standard ✓		.015	32.			
9.	381		.051	33.			
10.	77		.027	34.			
11.	382-1		.016	35.			
12.	382-2		.016	36.			
13.	420		.004	37.			
14.	421		.022	38.			
15.				39.			
16.				40.			
17.				41.			
18.				42.	Standard ✓		
19.				43.			
20.				44.			
21.				45.			
22.				46.			
23.				47.			
24.				48.			

BROHM MINING CORPORATION
Gilt Edge Project

Pit-Bench-Pattern #
5-16-19

Submittal Date
12/11/91

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

(2)

DATE: 12/12

NAME: 93

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	169		.001	25.	Standard ✓		.015
2.	170		.002	26.	211		.004
3.	171		.001	27.	374		.018
4.	172		.001	28.	375		.019
5.	173		.001	29.	376-1		.010
6.	174		.001	30.	376-2		.010
7.	175		.002	31.	377		.020
8.	Standard ✓		.015	32.	378		.005
9.	176		.001	33.			
10.	✓ ?		.029	34.			
11.	177		.011	35.	379		.004
12.	178		.023	36.	414		.017
13.	201		.003	37.	415		.013
14.	202		.006	38.	416		.008
15.	203		.002	39.	417		.014
16.				40.	418		.008
17.				41.	419		.004
18.	204		.003	42.	Standard ✓		.015
19.	205		.003	43.	454		.021
20.	206		.004	44.	455		.011
21.	207		.001	45.	456		.012
22.	208		.001	46.	457		.035
23.	209		.005	47.	458		.006
24.	210		.004	48.			

X

BROHM MINING CORPORATION
Gilt Edge Project

Pit-Bench-Pattern #
5-16-19

Submittal Date
12/11/91

(1)

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

DATE: 12/12

NAME: 93

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	60		.005	25.	Standard ✓		.015
2.	61		.007	26.	130		.002
3.	62		.003	27.	131		.003
4.	96		.002	28.	132		nil
5.	97		.001	29.	133		nil
6.	98		.001	30.	134		nil
7.	99		.001	31.	135		nil
8.	Standard ✓		.015	32.	136		nil
9.	100		.001	33.			
10.	-7		.027	34.			
11.	101-1		.005	35.	137		.001
12.	101-2		.005	36.	138		.002
13.	102		.006	37.	139		.002
14.	121		.001	38.	140		.001
15.	122		.005	39.	161		.009
16.				40.	162		.004
17.				41.	163		.005
18.	123		.003	42.	Standard ✓		.015
19.	124		.005	43.	164		.002
20.	125		.011	44.	165		.006
21.	126		.002	45.	166		.001
22.	127		.006	46.	167		.003
23.	128		.003	47.	168		.003
24.	129		.001	48.			

X

BROHM MINING CORPORATION
Gilt Edge Project

Pit-Bench-Pattern #
5-16-19

Submittal Date
12/10/91

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

DATE: 12/11

NAME: 45

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	241		.006	25.	Standard ✓		.015
2.	242		.003	26.	289		nil
3.	243		.004	27.	290		nil
4.	244		.003	28.	291		nil
5.	245		.006	29.	292		.002
6.	246		.006	30.	322		.012
7.	247		.003	31.	323		.002
8.	Standard ✓		.015	32.	324		.002
9.	248		.004	33.			
10.	7		.029	34.			
11.	249		.002	35.	325		.004
12.	250		.002	36.	326		.005
13.	251		.001	37.	327		.004
14.	252		.002	38.	328		.001
15.	281		.002	39.	329-1		.001
16.				40.	329-2		.001
17.				41.	330		.002
18.	282		.002	42.	Standard ✓		.015
19.	283		.002	43.	331		.002
20.	284		.001	44.	332		.003
21.	285		.004	45.	442		.003
22.	286		.004	46.	443		.005
23.	287		nil	47.	444		.006
24.	288		.001	48.			

BROHM MINING CORPORATION
Gilt Edge Project

Pit-Bench-Pattern #
S-16-19

Submittal Date
12/10/91

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

(3)

DATE: 12/11

NAME: 95

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	81		.014	25.	Standard ✓		.015
2.	82		.003	26.	366		.004
3.	83		.002	27.	367		.002
4.	84		.005	28.	368		.002
5.	85		.006	29.	369		.003
6.	86		.003	30.	370		.002
7.	87		.006	31.	371		.002
8.	Standard ✓		.015	32.	372		.002
9.	88		.004	33.			
10.	-7		.028	34.			
11.	89-1		.006	35.	373		.008
12.	89-2		.005	36.	402		.003
13.	90		.005	37.	403		.015
14.	91		.006	38.	404		.004
15.	92		.005	39.	405		.008
16.				40.	406		.012
17.				41.	407		.019
18.	93		.002	42.	Standard ✓		.015
19.	94		n.1	43.	408		.005
20.	95		.002	44.	409		.003
21.	362		.004	45.	410		.003
22.	363		.004	46.	411		.007
23.	364		.008	47.	412		.003
24.	365		.005	48.	413		.006