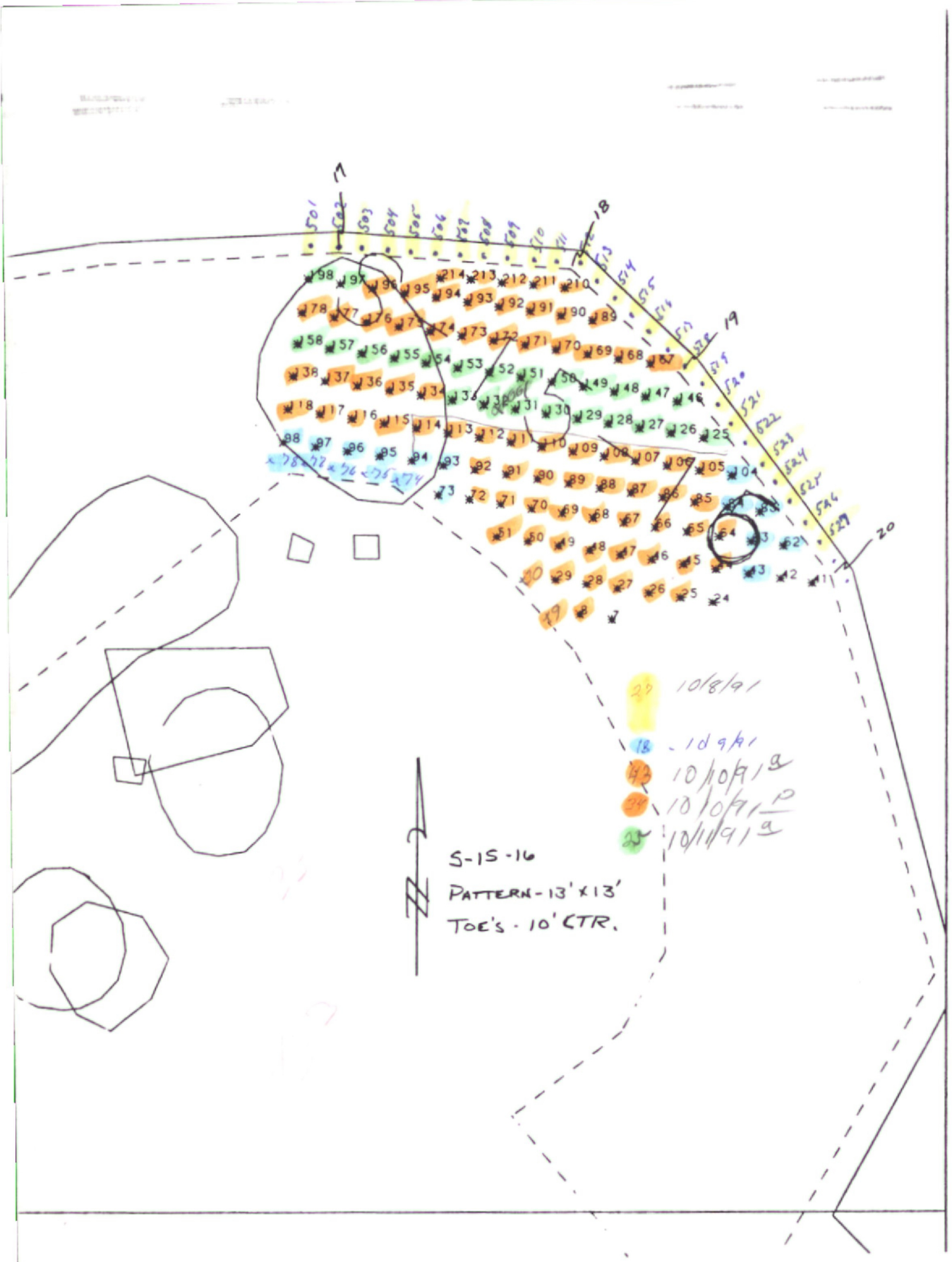
S-15-15

Rerun fA

147	.023
163	.037
164	.018

S-15-16


17
18
19
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10/8/91
10/9/91
10/10/91 a
10/10/91 p
10/11/91 a
S-15-16
PATTERN - 13' x 13'
TOE'S - 10' CTR.

CHECKED 10-18-91 BM

Fixed

Alt D

Alt K

Alt B

.CMA

.CMF

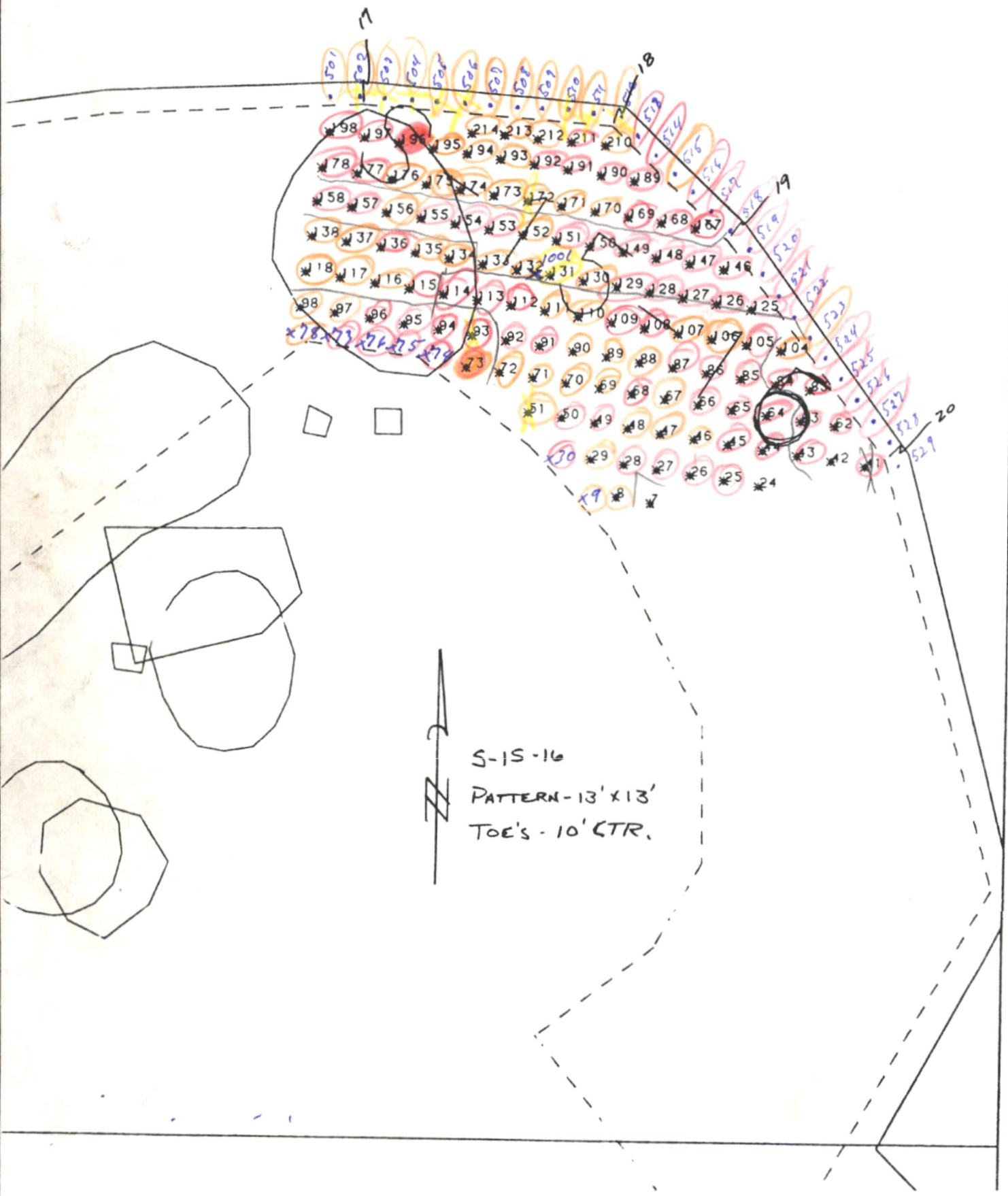
.PLA

.PLF

0 no	shot no	bh no	fire au	aa au	fire equiv (aa/ratio)	ore type	ratio	actual ratio (aa/fire)
		0						
0	11516	0			0.000		95.0%	
S15	16	8	51.000	26.000	51.000	2	100.0%	51.0%
S15	16	9	61.000	38.000	61.000	2	100.0%	62.3%
S15	16	25		5.000	5.263	3	95.0%	
S15	16	26		25.000	26.316	3	95.0%	
S15	16	27		32.000	33.684	3	95.0%	
S15	16	28	66.000	19.000	66.000	3	100.0%	28.8%
S15	16	29	52.000	36.000	52.000	2	100.0%	69.2%
S15	16	30		34.000	35.789	3	95.0%	
S15	16	43		7.000	7.368	3	95.0%	
S15	16	44	10.000	4.000	10.000	3	100.0%	40.0%
S15	16	45		7.000	7.368	3	95.0%	
S15	16	46	8.000	7.000	8.000	2	100.0%	87.5%
S15	16	47	36.000	23.000	36.000	2	100.0%	63.9%
S15	16	48	33.000	17.000	33.000	2	100.0%	51.5%
S15	16	49		28.000	29.474	3	95.0%	
S15	16	50		30.000	31.579	3	95.0%	
S15	16	51	38.000	14.000	38.000	2	100.0%	36.8%
S15	16	62	24.000	20.000	24.000	3	100.0%	83.3%
S15	16	63	10.000	7.000	10.000	3	100.0%	70.0%
S15	16	64		4.000	4.211	3	95.0%	
S15	16	65		7.000	7.368	3	95.0%	
S15	16	66		6.000	6.316	3	95.0%	
S15	16	67		8.000	9.524	2	84.0%	
S15	16	68	162.000	130.000	162.000	3	100.0%	80.2%
S15	16	69	52.000	33.000	52.000	2	100.0%	63.5%
S15	16	70	47.000	41.000	47.000	2	100.0%	87.2%
S15	16	71	43.000	5.000	43.000	2	100.0%	11.6%
S15	16	72	49.000	22.000	49.000	2	100.0%	44.9%
S15	16	73	28.000	21.000	28.000	2	100.0%	75.0%
S15	16	74	75.000	70.000	75.000	3	100.0%	93.3%
S15	16	75		50.000	52.632	3	95.0%	
S15	16	76		40.000	42.105	3	95.0%	
S15	16	77		52.000	54.737	3	95.0%	
S15	16	78	142.000	59.000	142.000	2	100.0%	41.5%
S15	16	83	14.000	5.000	14.000	3	100.0%	35.7%
S15	16	84		6.000	6.316	3	95.0%	
S15	16	85		6.000	6.316	3	95.0%	
S15	16	86		11.000	11.579	3	95.0%	
S15	16	87		7.000	7.368	3	95.0%	
S15	16	88	22.000	14.000	22.000	2	100.0%	63.6%
S15	16	89	27.000	22.000	27.000	2	100.0%	81.5%
S15	16	90	46.000	40.000	46.000	2	100.0%	87.0%
S15	16	91		48.000	50.526	3	95.0%	
S15	16	92		36.000	37.895	3	95.0%	
S15	16	93		51.000	53.684	3	95.0%	
S15	16	94		42.000	44.211	3	95.0%	
S15	16	95		35.000	36.842	3	95.0%	
S15	16	96		59.000	62.105	3	95.0%	
S15	16	97	77.000	31.000	77.000	2	100.0%	40.3%
S15	16	98	52.000	40.000	52.000	2	100.0%	76.9%
S15	16	104		3.000	3.571	2	84.0%	
S15	16	105		52.000	54.737	3	95.0%	

S15	16	106		10.000	11.905	2	84.0%		
S15	16	107		11.000	13.095	2	84.0%		
S15	16	108		21.000	22.105	3	95.0%		
S15	16	109		27.000	28.421	3	95.0%		
S15	16	110	57.000	24.000	57.000	2	100.0%	42.1%	
S15	16	111	30.000	27.000	30.000	2	100.0%	90.0%	
S15	16	112		30.000	31.579	3	95.0%		
S15	16	113		29.000	30.526	3	95.0%		
S15	16	114		43.000	45.263	3	95.0%		
S15	16	115		28.000	29.474	3	95.0%		
S15	16	116	77.000	47.000	77.000	2	100.0%	61.0%	
S15	16	117	44.000	35.000	44.000	2	100.0%	79.5%	
S15	16	118	78.000	73.000	78.000	2	100.0%	93.6%	
S15	16	125		13.000	13.684	3	95.0%		
S15	16	126		17.000	17.895	3	95.0%		
S15	16	127	21.000	19.000	21.000	3	100.0%	90.5%	
S15	16	128		20.000	21.053	3	95.0%		
S15	16	129		26.000	27.368	3	95.0%		
S15	16	130	45.000	44.000	45.000	2	100.0%	97.8%	
S15	16	131	~~122.000~~	18.000	122.000	1	100.0%	14.8%	47
S15	16	132	29.000	19.000	29.000	2	100.0%	65.5%	
S15	16	133	38.000	32.000	38.000	2	100.0%	84.2%	
S15	16	134	24.000	16.000	24.000	2	100.0%	66.7%	
S15	16	135	20.000	17.000	20.000	2	100.0%	85.0%	
S15	16	136		23.000	24.211	3	95.0%		
S15	16	137	32.000	26.000	32.000	2	100.0%	81.3%	
S15	16	138	46.000	26.000	46.000	2	100.0%	56.5%	
S15	16	146		24.000	25.263	3	95.0%		
S15	16	147		30.000	31.579	3	95.0%		
S15	16	148		22.000	23.158	3	95.0%		
S15	16	149		23.000	24.211	3	95.0%		
S15	16	150		22.000	23.158	3	95.0%		
S15	16	151		31.000	32.632	3	95.0%		
S15	16	152	28.000	22.000	28.000	2	100.0%	78.6%	
S15	16	153		43.000	45.263	3	95.0%		
S15	16	154	23.000	19.000	23.000	3	100.0%	82.6%	
S15	16	155		9.000	9.474	3	95.0%		
S15	16	156	20.000	17.000	20.000	2	100.0%	85.0%	
S15	16	157		28.000	29.474	3	95.0%		
S15	16	158		25.000	26.316	3	95.0%		
S15	16	167	48.000	41.000	48.000	3	100.0%	85.4%	
S15	16	168		22.000	23.158	3	95.0%		
S15	16	169		20.000	21.053	3	95.0%		
S15	16	170	22.000	19.000	22.000	2	100.0%	86.4%	
S15	16	171	30.000	24.000	30.000	2	100.0%	80.0%	
S15	16	172	65.000	55.000	65.000	2	100.0%	84.6%	
S15	16	173	39.000	31.000	39.000	2	100.0%	79.5%	
S15	16	174	15.000	10.000	15.000	2	100.0%	66.7%	
S15	16	175	17.000	15.000	17.000	2	100.0%	88.2%	
S15	16	176	15.000	13.000	15.000	2	100.0%	86.7%	
S15	16	177		16.000	16.842	3	95.0%		
S15	16	178		13.000	13.684	3	95.0%		
S15	16	189		11.000	11.579	3	95.0%		
S15	16	190		18.000	18.947	3	95.0%		
S15	16	191		29.000	30.526	3	95.0%		
S15	16	192		26.000	27.368	3	95.0%		

S15	16	193	20.000	12.000	20.000	2	100.0%	60.0%
S15	16	194	25.000	19.000	25.000	2	100.0%	76.0%
S15	16	195	59.000	32.000	59.000	2	100.0%	54.2%
S15	16	196		8.000	8.421	3	95.0%	
S15	16	197		10.000	10.526	3	95.0%	
S15	16	198	22.000	19.000	22.000	3	100.0%	86.4%
S15	16	210	20.000	15.000	20.000	2	100.0%	75.0%
S15	16	211	110.000	76.000	110.000	3	100.0%	69.1%
S15	16	212	349.000	168.000	349.000	2	100.0%	48.1%
S15	16	213	44.000	42.000	44.000	2	100.0%	95.5%
S15	16	214	74.000	62.000	74.000	2	100.0%	83.8%
S15	16	501	17.000	6.000	17.000	2	100.0%	35.3%
S15	16	502	55.000	38.000	55.000	2	100.0%	69.1%
S15	16	503	31.000	16.000	31.000	2	100.0%	51.6%
S15	16	504	33.000	18.000	33.000	2	100.0%	54.5%
S15	16	505	56.000	24.000	56.000	2	100.0%	42.9%
S15	16	506	49.000	27.000	49.000	2	100.0%	55.1%
S15	16	507	65.000	29.000	65.000	2	100.0%	44.6%
S15	16	508	36.000	41.000	36.000	2	100.0%	113.9%
S15	16	509	24.000	17.000	24.000	2	100.0%	70.8%
S15	16	510		11.000	13.095	2	84.0%	
S15	16	511		14.000	16.667	2	84.0%	
S15	16	512		12.000	14.286	2	84.0%	
S15	16	513		21.000	22.105	3	95.0%	
S15	16	514		20.000	21.053	3	95.0%	
S15	16	515	38.000	34.000	38.000	2	100.0%	89.5%
S15	16	516		42.000	44.211	3	95.0%	
S15	16	517		25.000	26.316	3	95.0%	
S15	16	518		36.000	37.895	3	95.0%	
S15	16	519	14.000	11.000	14.000	3	100.0%	78.6%
S15	16	520	26.000	18.000	26.000	3	100.0%	69.2%
S15	16	521		27.000	28.421	3	95.0%	
S15	16	522	15.000	15.000	15.000	3	100.0%	100.0%
S15	16	523		5.000	5.952	2	84.0%	
S15	16	524		7.000	7.368	3	95.0%	
S15	16	525	20.000	17.000	20.000	3	100.0%	85.0%
S15	16	526		22.000	23.158	3	95.0%	
S15	16	527		25.000	26.316	3	95.0%	
S15	16	1001	39.000	12.000	39.000	1	100.0%	30.8%
	mean		46.6351	26.4422	35.6186		96.9%	34.5%


17
18
19
20
S-15-16
PATTERN - 13' x 13'
TOE'S - 10' CTR.

BLAST HOLE ORE TYPE

PATTERN S/15/16

DATE 10/10/91

NO.	SUL	MIX	OXI	NO.	SUL	MIX	OXI	NO.	SUL	MIX	OXI	NO.	SUL	MIX	OXI
8		X		85			X	137		X		213		X	
9		X		86			X	138		X		214		X	
25			X	87			X	167			X	501		X	
26			X	88		X		168			X	502		X	
27			X	89		X		169			X	503		X	
28			X	90		X		170		X		504		X	
29		X		91			X	171		X		505		X	
30			X	92			X	172		X		506		X	
44			X	105			X	173		X		507		X	
45			X	106		X		174		X		508		X	
46		X		107		X		175		X		509		X	
47		X		108			X	176		X		510		X	
48		X		109			X	177			X	511		X	
49			X	110		X		178			X	512		X	
50			X	111		X		189			X	513			X
51		X		112			X	190			X	514			X
64			X	113			X	191			X	515		X	
65			X	114			X	192			X	516			X
66			X	115			X	193		X		517			X
67		X		116		X		194		X		518			X
68			X	117		X		195		X		519			X
69		X		118		X		196			X	520			X
70		X		134		X		210		X		521			X
71		X		135		X		211			X	522			X
72		X		136			X	212		X		523		X	

BLAST HOLE ORE TYPE

PATTERN S/15/16

DATE 10/10/91

NO.	SUL	MIX	OXI	NO.	SUL	MIX	OXI	NO.	SUL	MIX	OXI	NO.	SUL	MIX	OXI
524			X	21				46				71			
525			X	22				47				72			
526			X	23				48				73			
527			X	24				49				74			
				25				50				75			
1				26				51				76			
2				27				52				77			
3				28				53				78			
4				29				54				79			
5				30				55				80			
6				31				56				81			
7				32				57				82			
8				33				58				83			
9				34				59				84			
10				35				60				85			
11				36				61				86			
12				37				62				87			
13				38				63				88			
14				39				64				89			
15				40				65				90			
16				41				66				91			
17				42				67				92			
18				43				68				93			
19				44				69				94			
20				45				70				95			

BLAST HOLE ORE TYPE

PATTERN S/15/16

DATE 10/11/91

NO.	SUL	MIX	OXI	NO.	SUL	MIX	OXI	NO.	SUL	MIX	OXI	NO.	SUL	MIX	OXI
125			X					25				50			
126			X	1				26				51			
127			X	2				27				52			
128			X	3				28				53			
129			X	4				29				54			
130		X		5				30				55			
131	X			6				31				56			
132		X		7				32				57			
133		X		8				33				58			
146			X	9				34				59			
147			X	10				35				60			
148			X	11				36				61			
149			X	12				37				62			
150			X	13				38				63			
151			X	14				39				64			
152		X		15				40				65			
153			X	16				41				66			
154			X	17				42				67			
155			X	18				43				68			
156		X		19				44				69			
157			X	20				45				70			
158			X	21				46				71			
197			X	22				47				72			
198			X	23				48				73			
1001	X			24				49				74			

BLAST HOLE ORE TYPE

PATTERN S/15/16 DATE 10/10/91

NO.	SUL	MIX	OXI	NO.	SUL	MIX	OXI	NO.	SUL	MIX	OXI	NO.	SUL	MIX	OXI
43			X	7				32				57			
62			X	8				33				58			
63			X	9				34				59			
73		X		10				35				60			
74			X	11				36				61			
75			X	12				37				62			
76			X	13				38				63			
77			X	14				39				64			
78		X		15				40				65			
83			X	16				41				66			
84			X	17				42				67			
93			X	18				43				68			
94			X	19				44				69			
95			X	20				45				70			
96			X	21				46				71			
97		X		22				47				72			
98		X		23				48				73			
104		X		24				49				74			
				25				50				75			
1				26				51				76			
2				27				52				77			
3				28				53				78			
4				29				54				79			
5				30				55				80			
6				31				56				81			

Rust

(2)

BROHM MINING CORPORATION
Gilt Edge Project

Pit-Bench-Pattern #
5-15-16

Submittal Date
10-10-91 8:54 cont

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

DATE: 10-11-91

NAME: MN

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	110	.057	.024	25.	Standard ✓		.015
2.	111	.030	.027	26.	172	.065	.055
3.	112		.030	27.	173	.039	.031
4.	113		.029	28.	174	.015	.010
5.	114		.043	29.	175	.017	.015
6.	115		.028	30.	176	.015	.013
7.	116	.077	.047	31.	177		.016
8.	Standard ✓		.015	32.	178		.013
9.	117	.044	.035	33.			
10.	118	.078	.073	34.			
11.	134	.024	.016	35.	189		.011
12.	135	.020	.017	36.	190		.018
13.	136		.023	37.	191		.029
14.	137	.032	.026	38.	192		.026
15.	138	.046	.026	39.	193	.020	.012
16.				40.	194	.025	.019
17.				41.	195	.059	.032
18.	167-1	.048	.042	42.	Standard ✓		.015
19.	167-2		.040	43.	196		.008
20.	r7		.028	44.	210	.020	.015
21.	168		.022	45.	211	.110	.076
22.	169		.020	46.	212	.349	.168
23.	170	.022	.019	47.	213	.044	.042
24.	171	.030	.024	48.	214	.074	.062

α

95'

BROHM MINING CORPORATION
Gilt Edge Project

Pit-Bench-Pattern #
S-15-16

Submittal Date
10/11/91

3

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

DATE: 10/11/91

NAME: 95

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	85		.006	25.	Standard ✓		.015
2.	125		.013	26.	155		.009
3.	126		.017	27.	156	.020	.017
4.	127	.021	.019	28.	157		.028
5.	128		.020	29.	158		.025
6.	129		.026	30.	197		.010
7.	130	.045	.044	31.	198	.022	.019
8.	Standard ✓		.015	32.	1001	.039	.012
9.	131	.047 RERUN ~~.122~~	.018	33.			
10.	132	.029	.019	34.			
11.	133	.038	.032	35.			
12.	146		.024	36.			
13.	147		.030	37.			
14.	148		.022	38.			
15.	149		.023	39.			
16.				40.			
17.				41.			
18.	150		.022	42.	Standard ✓		
19.	151		.031	43.			
20.	✓7		.029	44.			
21.	152-1	.028	.023	45.			
22.	152-2		.020	46.			
23.	153		.043	47.			
24.	154	.023	.019	48.			

rerun FA ⇒

95 ✓

Rust

(1)

BROHM MINING CORPORATION
Gilt Edge Project

Pit-Bench-Pattern #
S-15-16

Submittal Date
10-10-91 8:54

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

DATE: 10-11-91

NAME: MM

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	8	.051	.026	25.	Standard ✓		.015
2.	9	.061	.038	26.	67		.008
3.	25		.005	27.	68	.162	.130
4.	26		.025	28.	69	.052	.033
5.	27		.032	29.	70	.047	.041
6.	28	.066	.019	30.	71	.043	.005
7.	29	.052	.036	31.	72	.049	.022
8.	Standard ✓		.015	32.	85	Sheet #3	
9.	30		.034	33.			
10.	47		.028	34.			
11.	44-1	.010	.004	35.	86		.011
12.	44-2		.004	36.	87		.007
13.	45		.007	37.	88	.022	.014
14.	46	.008	.007	38.	89	.027	.022
15.	47	.036	.023	39.	90	.046	.040
16.				40.	91		.048
17.				41.	92		.036
18.	48	.033	.017	42.	Standard ✓		.015
19.	49		.028	43.	105		.052
20.	50		.030	44.	106		.010
21.	51	.038	.014	45.	107		.011
22.	64		.004	46.	108		.021
23.	65		.007	47.	109		.027
24.	66		.006	48.			

95 ✓

Rust

(1)

BROHM MINING CORPORATION
Gilt Edge Project

Pit-Bench-Pattern # S-15-16

Submittal Date 10-9-91 8:53a

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

DATE: 10-10-91

NAME: MM

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	501	.017	.006	25.	Standard ✓		.015
2.	502	.055	.038	26.	520	.026	.018
3.	503	.031	.016	27.	521		.027
4.	504	.033	.018	28.	522	.015	.015
5.	505	.056	.024	29.	523		.005
6.	506	.049	.027	30.	524		.007
7.	507	.065	.029	31.	525	.020	.017
8.	Standard ✓		.015	32.	526		.022
9.	508	.036	.041	33.			
10.	r7		.025	34.			
11.	509-1	.024	.017	35.	527		.025
12.	509-2		.016	36.			
13.	510		.011	37.			
14.	511		.014	38.			
15.	512		.012	39.			
16.				40.			
17.				41.			
18.	513		.021	42.	Standard ✓		
19.	514		.020	43.			
20.	515	.038	.034	44.			
21.	516		.042	45.			
22.	517		.025	46.			
23.	518		.036	47.			
24.	519	.014	.011	48.			

93

(5)

BROHM MINING CORPORATION
Gilt Edge Project

Pit-Bench-Pattern #
S-15-16

Submittal Date
10-9-91 2:14P

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

DATE: 10-10-91

NAME: MM

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	95		.035	25.	Standard ✓		
2.	96		.059	26.			
3.	97	.077	.031	27.			
4.	98	.052	.040	28.			
5.	104		.003	29.			
6.				30.			
7.	121		.029	31.			
8.	Standard ✓			32.			
9.				33.			
10.				34.			
11.				35.			
12.				36.			
13.				37.			
14.				38.			
15.				39.			
16.				40.			
17.				41.			
18.				42.	Standard ✓		
19.				43.			
20.				44.			
21.				45.			
22.				46.			
23.				47.			
24.				48.			

D-20-3 rerun

92 ✓

(4)

BROHM MINING CORPORATION
Gilt Edge Project

Pit-Bench-Pattern #
S-15-16

Submittal Date
10-9-91 2:14P

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

DATE: 10-10-91

NAME: MM

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.				25.	Standard ✓		
2.				26.			
3.				27.			
4.				28.			
5.				29.			
6.				30.			
7.				31.			
8.	Standard ✓			32.	43		.007
9.				33.			
10.				34.			
11.				35.	62	.024	.020
12.				36.	63	.010	.007
13.				37.	73	.028	.021
14.				38.	74	.075	.070
15.				39.	75		.050
16.				40.	76		.040
17.				41.	77		.052
18.				42.	Standard ✓		.015
19.				43.	78	.142	.059
20.				44.	83	.014	.005
21.				45.	84		.006
22.				46.	93		.051
23.				47.	94		.042
24.				48.			

95

S-15-16
rerun fA
131 .047

S-15-17