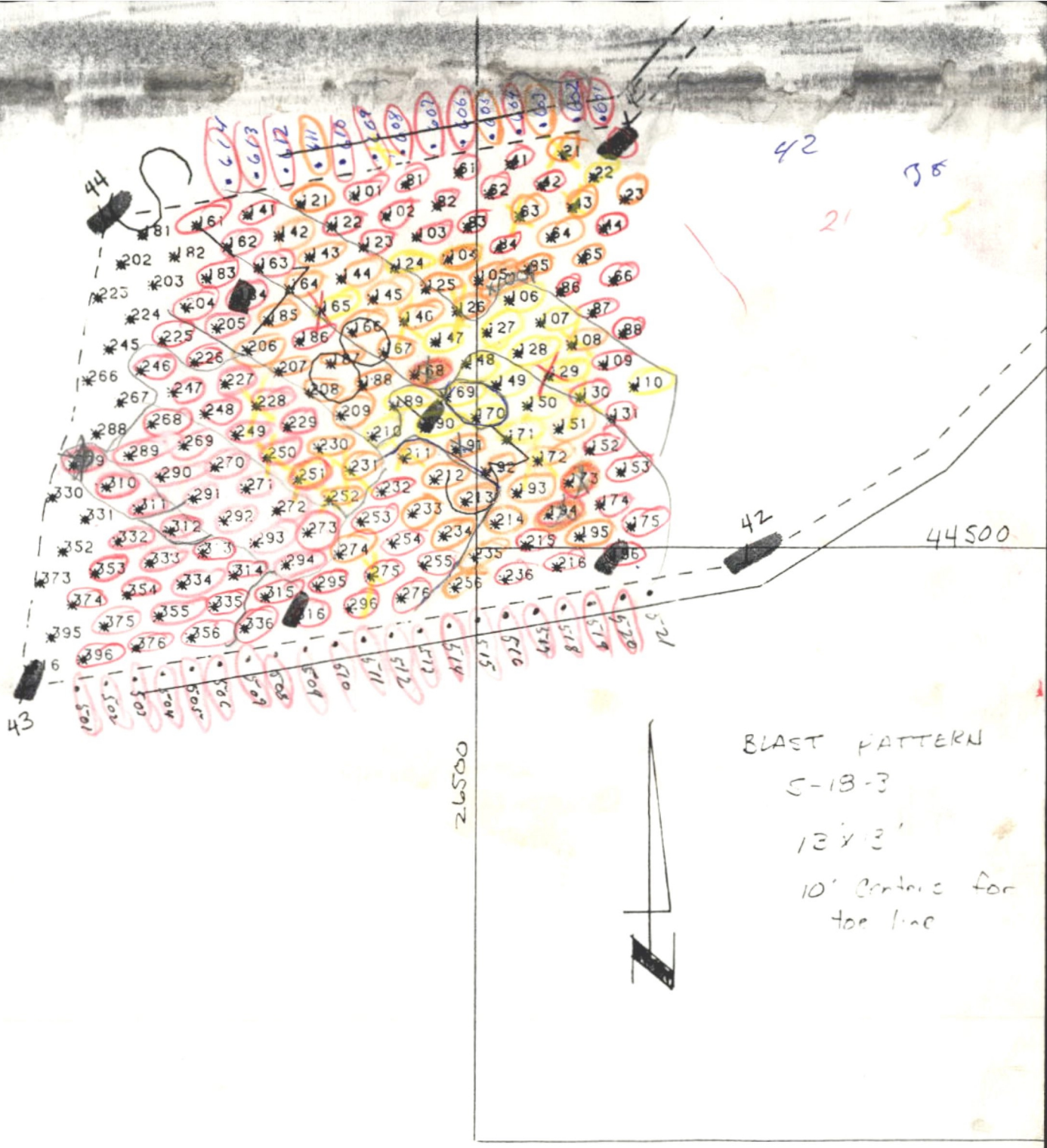
S18	3	235	25.000	21.000	25.000	2	100.0%	84.0%
S18	3	236		7.000	7.368	3	95.0%	
S18	3	246		22.000	23.158	3	95.0%	
S18	3	247		22.000	23.158	~~7~~ 3	95.0%	
S18	3	248		29.000	30.526	3	95.0%	
S18	3	249		33.000	34.737	3	95.0%	
S18	3	250	44.000	40.000	44.000	3	100.0%	90.9%
S18	3	251		19.000	20.000	3	95.0%	
S18	3	252	17.000	18.000	17.000	2	100.0%	105.9%
S18	3	253		49.000	51.579	3	95.0%	
S18	3	254		30.000	31.579	3	95.0%	
S18	3	255		18.000	18.947	3	95.0%	
S18	3	256	20.000	12.000	20.000	2	100.0%	60.0%
S18	3	268		19.000	20.000	3	95.0%	
S18	3	269		14.000	14.737	3	95.0%	
S18	3	270		5.000	5.263	3	95.0%	
S18	3	271		22.000	23.158	3	95.0%	
S18	3	272		3.000	3.158	3	95.0%	
S18	3	273		3.000	3.158	3	95.0%	
S18	3	274	26.000	15.000	26.000	2	100.0%	57.7%
S18	3	275		8.000	8.421	3	95.0%	
S18	3	276		10.000	10.526	3	95.0%	
S18	3	289		14.000	14.737	3	95.0%	
S18	3	290		8.000	8.421	3	95.0%	
S18	3	291		4.000	4.211	3	95.0%	
S18	3	292		9.000	9.474	3	95.0%	
S18	3	293		50.000	52.632	3	95.0%	
S18	3	294		54.000	56.842	3	95.0%	
S18	3	295		57.000	60.000	3	95.0%	
S18	3	296	135.000	124.000	135.000	3	100.0%	91.9%
S18	3	310		33.000	34.737	3	95.0%	
S18	3	311		18.000	18.947	3	95.0%	
S18	3	312		15.000	15.789	3	95.0%	
S18	3	313	94.000	99.000	94.000	3	100.0%	105.3%
S18	3	314		78.000	82.105	3	95.0%	
S18	3	315		14.000	14.737	3	95.0%	
S18	3	316		86.000	90.526	3	95.0%	
S18	3	332		17.000	17.895	3	95.0%	
S18	3	333		20.000	21.053	3	95.0%	
S18	3	334	23.000	23.000	23.000	3	100.0%	100.0%
S18	3	335	~~82.000~~	119.000	82.000	3	100.0%	145.1%
S18	3	336	108	34.000	35.789	3	95.0%	
S18	3	353		17.000	17.895	3	95.0%	
S18	3	354		45.000	47.368	3	95.0%	
S18	3	355		4.000	4.211	3	95.0%	
S18	3	356	10.000	3.000	10.000	3	100.0%	30.0%
S18	3	374		8.000	8.421	3	95.0%	
S18	3	375		10.000	10.526	3	95.0%	
S18	3	376		3.000	3.158	3	95.0%	
S18	3	396		4.000	4.211	3	95.0%	
S18	3	501	12.000	6.000	12.000	3	100.0%	50.0%
S18	3	502		2.000	2.105	3	95.0%	
S18	3	503		2.000	2.105	3	95.0%	
S18	3	504	160.000	166.000	160.000	3	100.0%	103.8%
S18	3	505		9.000	9.474	3	95.0%	
S18	3	506		6.000	6.316	3	95.0%	

S18	3	507		11.000	11.579	3	95.0%	
S18	3	508		19.000	20.000	3	95.0%	
S18	3	509		3.000	3.158	3	95.0%	
S18	3	510		13.000	13.684	3	95.0%	
S18	3	511	76.000	70.000	76.000	3	100.0%	92.1%
S18	3	512		86.000	90.526	3	95.0%	
S18	3	513		10.000	10.526	3	95.0%	
S18	3	514		10.000	10.526	3	95.0%	
S18	3	515		18.000	18.947	3	95.0%	
S18	3	516		17.000	17.895	3	95.0%	
S18	3	517		11.000	11.579	3	95.0%	
S18	3	518		11.000	11.579	3	95.0%	
S18	3	519		22.000	23.158	3	95.0%	
S18	3	520	36.000	35.000	36.000	3	100.0%	97.2%
S18	3	601		7.000	7.368	3	95.0%	
S18	3	602	15.000	8.000	15.000	3	100.0%	53.3%
S18	3	603		3.000	3.571	2	84.0%	
S18	3	604		3.000	3.158	3	95.0%	
S18	3	605		5.000	5.952	2	84.0%	
S18	3	606		11.000	11.579	3	95.0%	
S18	3	607		9.000	9.474	3	95.0%	
S18	3	608		16.000	16.842	3	95.0%	
S18	3	609		32.000	33.684	3	95.0%	
S18	3	610		39.000	41.053	3	95.0%	
S18	3	611	24.000	24.000	24.000	2	100.0%	100.0%
S18	3	612	12.000	9.000	12.000	3	100.0%	75.0%
S18	3	613		9.000	9.474	3	95.0%	
S18	3	614		13.000	13.684	3	95.0%	
S18	3	1001	8.000	5.000	8.000	2	100.0%	62.5%
	mean		39.3019	21.0518	23.2960		93.3%	22.2%



Change
309
311

Pit-Bench-Pattern # S-18-3 EOP

Submittal Date 5-29-91 2:15pm Cont

* 5-29-91 2:48 pm

BLAST HOLE ②

Hot NaCN Shake and FIRE DETERMINATIONS

DATE: 5-30-91

NAME: MM

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	81		.012	25.	Standard ✓		.015
2.	82		.007	26.	602	.015	.008
3.	83		.004	27.	603		.003
4.	84		.009	28.	604		.003
5.	85		.005	29.	605		.005
6.	86	.010	.007	30.	606		.011
7.	87		.008	31.	607		.009
8.	Standard ✓		.015	32.	608		.016
9.	88		.010	33.			
10.	✓7		.029	34.			
11.	101		.044	35.	1001-1	.008	.005
12.	102		.004	36.	1001-2		.005
13.	103		.005	37.	23		.005 *
14.	104		.004	38.	609		.032
15.	105		.003	39.	610		.039
16.				40.	611	.024	.024
17.				41.	612	.012	.009
18.	121		.014	42.	Standard ✓		.014
19.	122		.015	43.	613		.009
20.	123		.005	44.	614		.013
21.	124		.003	45.			
22.	125		.004	46.			
23.	126		.008	47.			
24.	601		.007	48.			

α

45

Pit-Bench-Pattern #
5-18-3

Submittal Date
5-29-91 8:19 am

*5-29-91 2:15 pm

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

DATE: 5-30-91

NAME: MM

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	106		.003	25.	Standard ✓		.014
2.	107		.004	26.	164		.013
3.	108	.011	.007	27.	165	.040	.031
4.	109		.011	28.	166		.011
5.	110		.004	29.	167		.006
6.	127		.009	30.	168		.006
7.	128	.042	.038	31.	1		.009 *
8.	Standard ✓		.015	32.	21		.005
9.	129		.004	33.			
10.	130		.011	34.			
11.	131		.007	35.	22		.007
12.	✓7		.030	36.	41		.003
13.	141		.012	37.	42		.005
14.	142		.005	38.	43		.004
15.	143	.029	.024	39.	44		.013
16.				40.	61		.006
17.				41.	62	.005	.004
18.	144	.024	.017	42.	Standard ✓		.015
19.	145		.011	43.	63		.002
20.	146		.008	44.	64		.005
21.	147	.011	.006	45.	65		.009
22.	161		.015	46.	66-1	.011	.010
23.	162		.016	47.	66-2		.010
24.	163		.012	48.			

TS

Pit-Bench-Pattern #
S-18-3

Submittal Date
5-28-91 2:00 pm

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

DATE: 5-29-91

NAME: MM

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	148		.003	25.	Standard ✓		.015
2.	149	.043	.030	26.	192	.046	.034
3.	150		.007	27.	193	.020	.015
4.	151		.008	28.	194		.011
5.	152		.013	29.	195	.035	.031
6.	153		.008	30.	196	.014	.013
7.	171	.020	.017	31.	204		.029
8.	Standard ✓		.015	32.	205		.062
9.	172	.032	.017	33.			
10.	173	.057	.037	34.			
11.	174	.017	.016	35.	206	.078	.073
12.	175		.010	36.	207	.065	.063
13.	V7		.028	37.	208	.025	.017
14.	183		.032	38.	209	.020	.022
15.	184		.020	39.	210	.072	.015
16.				40.	214	.015+	nil
17.				41.	215		.011
18.	185	.073	.068	42.	Standard ✓		.014
19.	186		.033	43.	216		.014
20.	187		.010	44.	235	.025	.021
21.	188	.026	.026	45.	236		.007
22.	189		.012	46.	256-1	.020	.011
23.	190		.005	47.	256-2		.012
24.	191	.045	.044	48.			

X

TS

Pit-Bench-Pattern #
S-18-3

Submittal Date
5-22-91 1:52 pm
*5-23-91 7:51 am
** 5-23-91 1:40 pm

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

(1)

DATE: 5-24-91

NAME: MN

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.	
1.	268		.019	25.	Standard ✓		.015	
2.	269		.014	26.	249		.033	
3.	270		.005	27.	250	.044	.040	
4.	271		.022	28.	251		.019	
5.	272		.003	29.	252	.017	.018	
6.	273		.003	30.	310		.033	
7.	289		.014	31.	311		.018	
8.	Standard ✓		.015	32.	312		.015	
9.	290		.008	33.	[redacted]			
10.	291		.004	34.				
11.	292		.009	35.	313	.094	.099	**
12.	293		.050	36.	314		.078	
13.	294		.054	37.	332		.017	
14.	V7		.031	38.	333		.020	
15.	227		.079	39.	334	.023	.023	
* 16.	[redacted]			40.	335	.108 RERUN ~~.082~~	.119	← Rerun FA
17.				41.	353		.017	
18.	228	.150	.146	42.	Standard ✓		.015	
19.	229		.034	43.	354		.045	
20.	230	.024	.025	44.	355		.004	
21.	231	.020	.018	45.	356-1	.010	.003	
22.	246		.022	46.	356-2		.003	
23.	247		.022	47.				
24.	248		.029	48.				

TS

Pit-Bench-Pattern #
S-18-3

Submittal Date
5-24-91 8:00 am (cont)

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

(3)

DATE: 5-24-91

NAME: [illegible]

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	274	.026	.015 m	25.	Standard ✓		
2.	275		.008 o	26.			
3.	276		.010 o	27.			
4.	295		.057 o	28.			
5.	296	.135	.124 o	29.			
6.	315		.014 o	30.			
7.	316		.086 o	31.			
8.	Standard ✓			32.			
9.	336		.034 o	33.			
10.	V7		.027	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.			

TS

Pit-Bench-Pattern #
S-18-3

Submittal Date
5-23-91 1:40 pm (cont)
* 5-24-91 8:00 am

BLAST HOLE

Not NaCN Shake
and
FIRE DETERMINATIONS

(2)

DATE: 5-24-91

NAME: MM

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.	
1.	374		.008	25.	Standard ✓		.015	
2.	375		.010	26.	517		.011	
3.	376		.003	27.	518		.011	
4.	396		.004	28.	519		.022	
5.	✓7		.030	29.	520-1	.036	.034	
6.	501	.012	.006	30.	520-2		.035	
7.	502		.002	31.	169		.001	s * floc
8.	Standard ✓		.015	32.	170		.002	s
9.	503		.002	33.	[redacted]			
10.	504	.160	.166	34.				
11.	505		.009	35.	211	.025	.025	m
12.	506		.006	36.	212	.035	.031	m floc
13.	507		.011	37.	213	.020	.016	m
14.	508		.019	38.	225		.034	o
15.	509		.003	39.	226		.032	o
16.	[redacted]			40.	232		.061	o
17.				41.	233	.080	.054	m
18.	510		.013	42.	Standard ✓		.014	
19.	511	.076	.070	43.	234	.024	.021	m
20.	512		.086	44.	253		.049	o
21.	513		.010	45.	254		.030	o
22.	514		.010	46.	255		.018	o
23.	515		.018	47.				
24.	516		.017	48.				

TB

Bob,

Rerun FA

S-18-3

5/23/91 1:40P

Au

335 .108

X

E.O.P

BLAST HOLE ORE TYPE

PATTERN S-18-3 DATE 5/30/91

NO.	SUL	MIX	OXI	NO.	SUL	MIX	OXI	NO.	SUL	MIX	OXI	NO.	SUL	MIX	OXI
1			X	104		X		161			X	2			
21		X		105		X		162			X	3			
22	X			106	X			163			X	4			
23		X		107	X			164		X		5			
41			X	108		X		165	X			6			
42			X	109			X	166		X		7			
43		X		110	X			167		X		8			
44			X	121		X		168		X		9			
61			X	122			X	601			X	10			
62			X	123			X	602			X	11			
63		X		124	X			603		X		12			
64		X		125		X		604			X	13			
65		X		126		X		605		X		14			
66			X	127	X			606			X	15			
81			X	128	X			607			X	16			
82			X	129	X			608			X	17			
83			X	130			X	609			X	18			
84			X	131			X	610			X	19			
85		X		141			X	611		X		20			
86			X	142		X		612			X	21			
87			X	143		X		613			X	22			
88			X	144		X		614			X	23			
101			X	145		X		1001		X		24			
102			X	146		X						25			
103			X	147	X			1				26			