Pit-Bench-Pattern #
S-14-13

Submittal Date
9-14-91 9064

BLAST HOLE

Hot HaCN Shake
and
FIRE DETERMINATIONS

(3)

DATE: 9-16

NAME: MM

	SAMPLE	FIRE Au.	HaCN Au.		SAMPLE	FIRE Au.	HaCN Au.
1.	44		.001	25.	Standard ✓		.016
2.	45		.001	26.	111	.009	.005
3.	64		.003	27.	124		.004
4.	65		.001	28.	125		.002
5.	66		.002	29.	126		.008
6.	67	.023	.018	30.	127		.001
7.	84		.002	31.	128		.001
8.	Standard ✓		.015	32.	129		.004
9.	85		.001	33.			
10.	86		.002	34.			
11.	87		.002	35.	130		.001
12.	88		.002	36.	131		.004
13.	89-1	.006	.002	37.	144		.006
14.	89-2		.002	38.	145		.001
15.	V7		.026	39.	146	.005	.002
16.				40.	147		.002
17.				41.	148		.002
18.	104		.001	42.	Standard ✓		.015
19.	105		.001	43.	149		nil
20.	106		.001	44.	150		.003
21.	107		.001	45.	151		.003
22.	108		.001	46.	164		.004
23.	109		.009	47.	165		.006
24.	110		.001	48.			

Pit-Bench-Pattern #
5-14-13

Submittal Date
9-14-91 9:03 am

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

(4)

DATE: 9-16

NAME: MM

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	166		.003	25.	Standard ✓		.016
2.	167		.006	26.	209		.001
3.	168	.004	.002	27.	210		.001
4.	169		.004	28.	211		.003
5.	170		.002	29.	224		.002
6.	171-1	.002	.003	30.	225	.008	.010
7.	171-2		.003	31.	226		.005
8.	Standard ✓		.015	32.	227		.006
9.	V7		.027	33.	[redacted]		
10.	184		.003	34.			
11.	185		.005	35.	228		.004
12.	186	.013	.014	36.	229		.007
13.	187		.003	37.	230		.008
14.	188		.002	38.	244		.003
15.	189		.002	39.	245		.005
16.	[redacted]			40.	246		.004
17.				41.	247		.008
18.	190	.006	.002	42.	Standard ✓		.015
19.	191		.001	43.	248	.009	.004
20.	204		.002	44.	249		.004
21.	205		.005	45.	266		.004
22.	206		.004	46.	267		.005
23.	207		.003	47.	268		.004
24.	208	.017	.010	48.			

Pit-Bench-Pattern #
S-14-13
Submittal Date
9/17/91 10:35A

EOP

BLAST HOLE
Hot NaCN Shake
and
(1) FIRE DETERMINATIONS

DATE: 9/18/91
NAME: TS

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	159		.002	25.	Standard ✓		.016
2.	501		.002	26.	1001-1	.010	.008
3.	502		.005	27.	1001-2		.008
4.	503	.057	.043	28.			
5.	504		.005	29.			
6.	505		.002	30.			
7.	506		.003	31.			
8.	Standard ✓		.016	32.			
9.	507		.002	33.			
10.	✓7		.029	34.			
11.	508		.002	35.			
12.	509		.001	36.			
13.	510	.003	.003	37.			
14.	511		.003	38.			
15.	512		.005	39.			
16.				40.			
17.				41.			
18.	513		.002	42.	Standard ✓		
19.	514	.004	.003	43.			
20.	515		.003	44.			
21.	516		.002	45.			
22.	517		.001	46.			
23.	518		.001	47.			
24.	519		.001	48.			

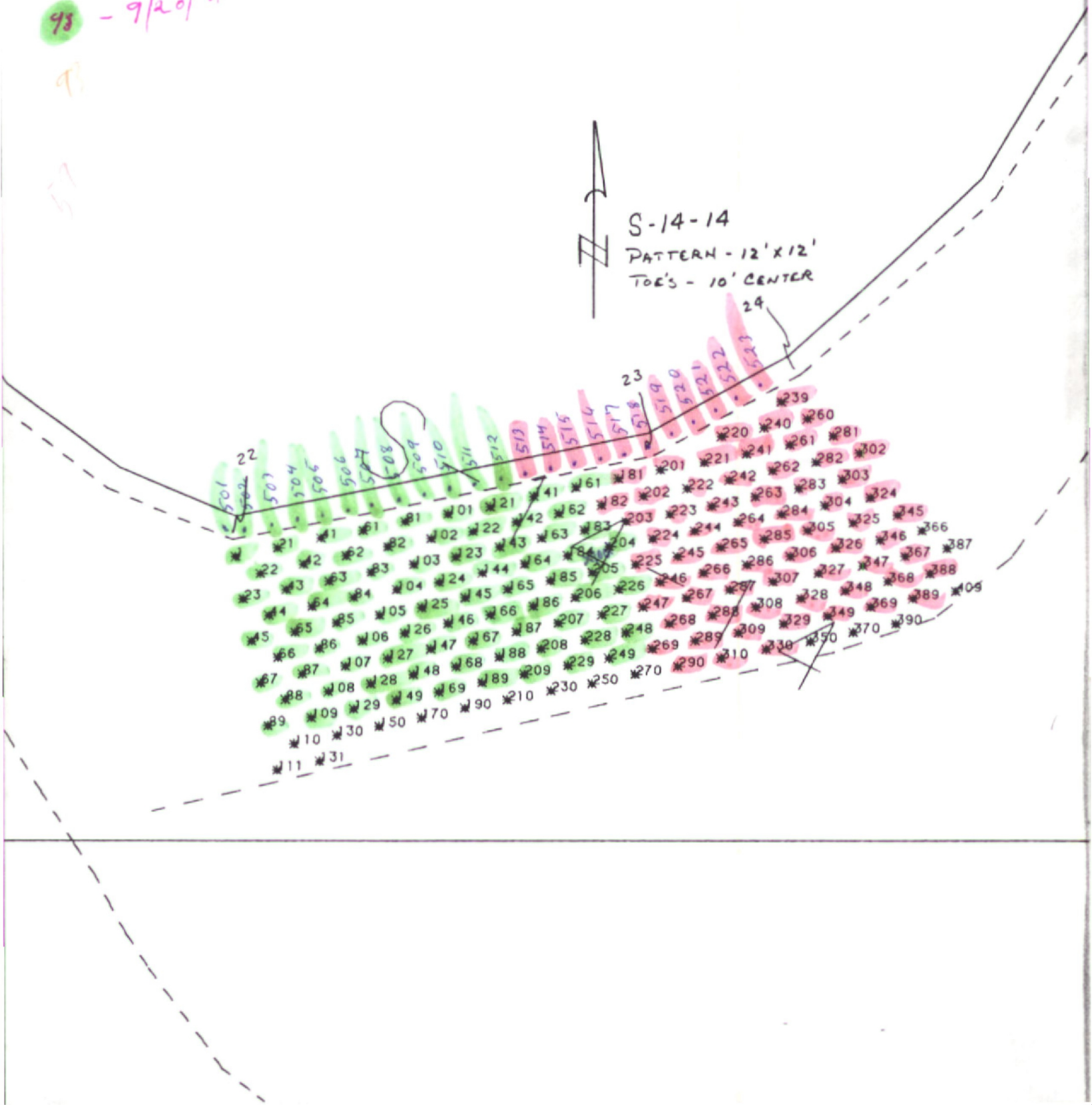
TS ✓

S-14-14

59 9/19/91 9 p

17 9/19/91

93 - 9/20/91



BLAST HOLE ORE TYPE

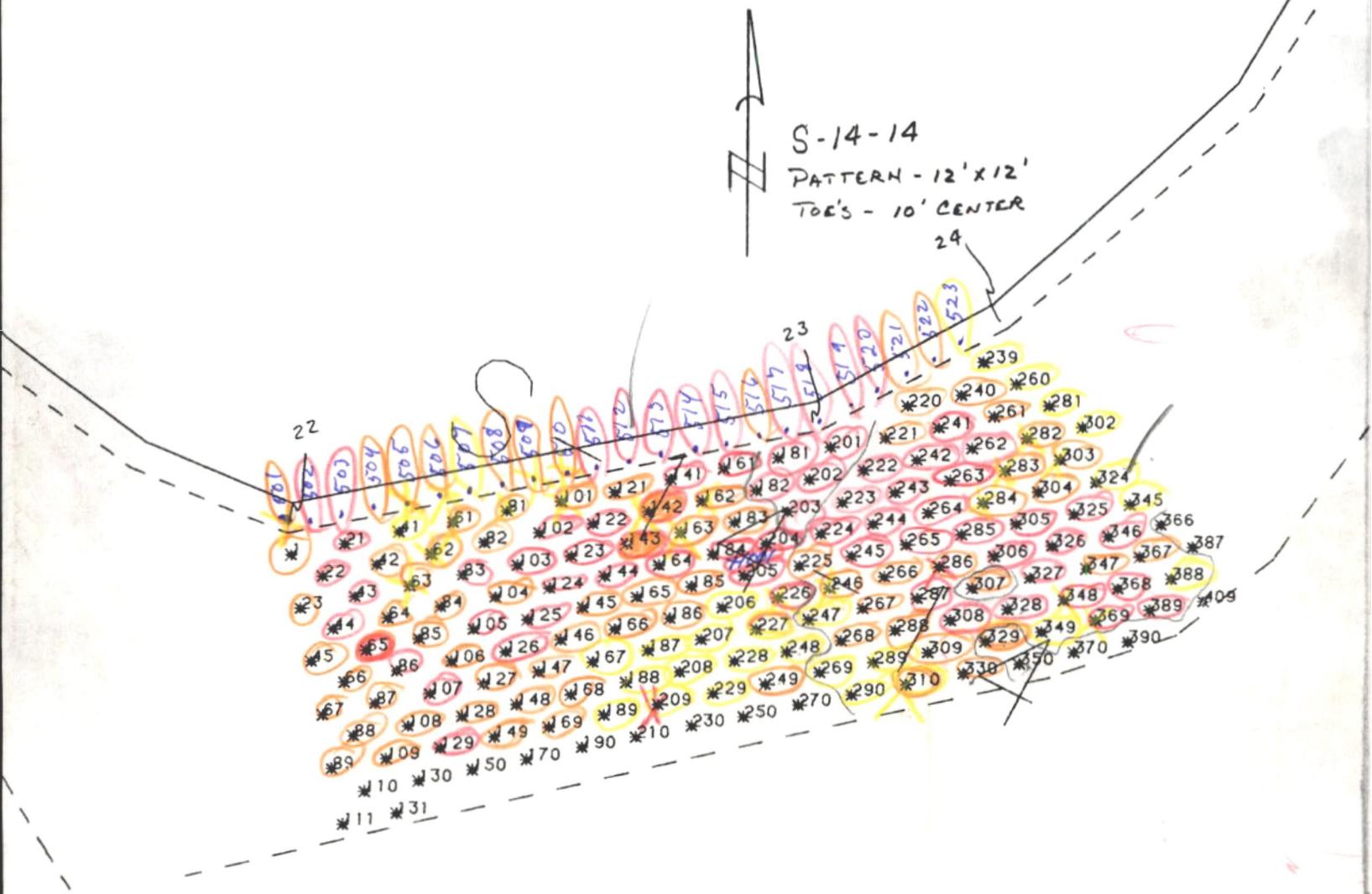
PATTERN S-14-14 DATE 9/20/91

NO.	SUL	MIX	OXI	NO.	SUL	MIX	OXI	NO.	SUL	MIX	OXI	NO.	SUL	MIX	OXI
181			X	265			X	325			X	522		X	
182			X	266		X		326			X	523	X		
201			X	267		X		327			X				
202			X	268		X		328			X	1			
203			X	269	X			329		X		2			
220		X		281	X			330		X		3			
221		X		282		X		345	X			4			
222			X	283		X		346		/	X	5			
223			X	284		X		347		X		6			
224			X	285			X	348			X	7			
225		X		286		X		349	X			8			
239	X			287			X	367		X		9			
240		X		288		X		368			X	10			
241			X	289	X			369			X	11			
242			X	290	X			388	X			12			
243			X	302	X			389			X	13			
244			X	303		X		513			X	14			
245			X	304		X		514			X	15			
246		X		305			X	515			X	16			
247	X			306			X	516		X		17			
260	X			307		X		517			X	18			
261		X		308			X	518			X	19			
262			X	309		X		519			X	20			
263			X	310		X		520			X	21			
264			X	324	X			521		X		22			

BLAST HOLE ORE TYPE

PATTERN 5-14-14 DATE 9/21/91

NO.	SUL	MIX	OXI	NO.	SUL	MIX	OXI	NO.	SUL	MIX	OXI	NO.	SUL	MIX	OXI
1		X		101		X		148		X		227	X		
21			X	102			X	149		X		228	X		
22			X	103			X	161			X	229	X		
23		X		104		X		162		X		248	X		
41	X			105			X	163		X		249		X	
42		X		106		X		164			X	501		X	
43			X	107			X	165		X		502			X
44			X	108		X		166		X		503			X
45		X		109		X		167	X			504		X	
61		X		121		X		168		X		505		X	
62		X		122			X	169		X		506		X	
63		X		123			X	183		X		507	X		
64		X		124			X	184			X	508		X	
65			X	125			X	185		X		509		X	
66		X		126			X	186		X		510		X	
67		X		127		X		187	X			511			X
81		X		128		X		188	X			512			X
82		X		129			X	189	X			1001			X
83			X	141			X	204			X				
84		X		142		X		205			X	1			
85		X		143		X		206	X			2			
86			X	144			X	207	X			3			
87		X		145		X		208	X			4			
88		X		146		X		209	X			5			
89		X		147		X		226			X	6			


S-14-14
PATTERN - 12'x12'
TOE'S - 10' CENTER
22
23
24

5+4-44

0 no	shot no	bh no	fire au	aa au	fire equiv (aa/ratio)	ore type	ratio	actual ratio (aa/fire)
0	11414	0			0.000		95.0%	
		1		9		2		
		21		11		3		
		22		9		3		
		23		6		2		
		41		14		1		
		42		22		2		
		43		429		3		
		44		8		3		
		45		8		2		
		61		18		2		
		62		22		2		
		63		33		2		
		64		14		2		
		65		41		3		
		66		4		2		
		67		6		2		
		81		16		2		
		82		25		2		3 OX
		83		3		3		
		84		29		2		
		85		3		2		
		86		6		1		
		87		14		2		
		88		4		2		
		89		7		2		
		101		34		2		
		102		49		3		
		103		67		3		
		104		63		2		
		105		30		3		
		106		6		2		
		107		32		3		
		108		4		2		
		109		8		2		
		121		17		2		
		122		24		3		
		123		28		2		
		124		48		3		
		125		34		3		
		126		25		3		
		127		20		2		
		128		12		2		
		129		52		3		
		141		7		3		
		142		38		2		
		143		29		2		
		144		41		3		
		145		14		2		
		146		16		2		
		147		12		2		
		148		15		2		
		149		25		2		

161		15	3
162		10	2
163		17	2
164		61	3
165		13	2
166		9	2
167		5	1
168		71	2
169		14	2
181		7	3
182		12	3
183		11	2
184		44	3
185		10	2
186		11	2
187		5	1
188		2	1
189		17	1
201		3	3
202		7	3
203		12	3
204		25	3
205		23	3
206		11	1
207		3	1
208		4	1
209		5	1
220	12	8	2
221		8	2
222		9	3
223		9	3
224		18	3
225	32	22	2
226		29	3
227		6	1
228		3	1
229		4	1
239		2	1
240		3	2
241		6	3
242		5	3
243		11	3
244		12	3
245		27	3
246	29	19	2
247	27	20	1
248		6	1
249		10	2
260		0	1
261		3	2
262		3	3
263		4	3
264		15	3
265		9	3
266	86	25	2
267		10	2

268		0	2
269		6	1
281		12	1
282		0	2
283		11	2
284		5	2
285		48	3
286	16	12	2
287		22	3
288	20	12	2
289		8	1
290		5	1
302		1	1
303		4	2
304	20	18	2
305		7	3
306		19	3
307	17	14	2
308		23	3
309	25	20	2
310	27	16	2
324		1	1
325		4	3
326		5	3
327		32	3
328		20	3
329	10	7	2
330	25	18	2
345		3	1
346		3	3
347		13	2
348		14	3
349		9	1
367		1	2
368		7	3
369		15	3
388		0	3
389	18.000	15	3
501		4	2
502		2	3
503		7	3
504		9	2
505		16	2
506		12	2
507		14	1
508		42	2
509		29	2
510		27	2
511		33	3
512		17	3
513		19	3
514		7	3
515		12	3
516	15	13	2
517		13	3
518		7	3

519		10	3	
520		5	3	
521	16	12	2	
522		4	2	
523		0	1	
1001		20	3	
			0	0

Pit-Bench-Pattern #
S-14-14 · EOP
Submittal Date
9/20/91 10:10A (Cont)

BLAST HOLE
Hot NaCN Shake
and
FIRE DETERMINATIONS

(3)

DATE: 9/23
NAME: JS

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	228		.003	25.	Standard ✓		
2.	229		.004	26.			
3.	248		.006	27.			
4.	249		.010	28.			
5.	501		.004	29.			
6.	502		.002	30.			
7.	503		.007	31.			
8.	Standard ✓		.015	32.			
9.	504		.009	33.			
10.	505	.028	.016	34.			
11.	506		.012	35.			
12.	507	.024	.014	36.			
13.	508	.063	.042	37.			
14.	509	.038	.029	38.			
15.	510	.037	.027	39.			
16.				40.			
17.				41.			
18.	511		.033	42.	Standard ✓		
19.	512		.017	43.			
20.	✓7		.027	44.			
21.	1001-1	.027	.020	45.			
22.	1001-2		.020	46.			
23.				47.			
24.				48.			

X

9-2

Pit-Bench-Pattern #
S-14-14 . EOP

Submittal Date
9/20/91 10:10A (Cont)

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

DATE: 9/23

NAME: 93

(2)

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	125		.034	25.	Standard ✓		.015
2.	126		.025	26.	168	.093	.071
3.	127	.023	.020	27.	169	.014	.014
4.	128	.013	.012	28.	183	.012	.011
5.	129		.052	29.	184		.044
6.	141		.007	30.	185		.010
7.	142	.048	.038	31.	186		.011
8.	Standard ✓		.015	32.	187		.005
9.	143		.029	33.			
10.	144		.041	34.			
11.	145	.020	.014	35.	188		.002
12.	146	.021	.016	36.	189	.025	.017
13.	147	.032	.012	37.	204		.025
14.	148	.015	.015	38.	205		.023
15.	149	.044	.025	39.	206		.011
16.				40.	207		.003
17.				41.	208		.004
18.	161		.015	42.	Standard ✓		.015
19.	162		.010	43.	209		.005
20.	163	.020	.017	44.	226		.029
21.	164		.061	45.	✓7		.027
22.	165		.013	46.	227-1	.011	.006
23.	166		.009	47.	227-2		.006
24.	167		.005	48.			

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α

Pit-Bench-Pattern #
5-14-14 . EOP

Submittal Date
9/20/91 10:10A

BLAST HOLE

Hot NaCN Shake and FIRE DETERMINATIONS

(1)

DATE: 9/23

NAME: TS

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	1		.009	25.	Standard ✓		.014
2.	21		.011	26.	84	.035	.029
3.	22		.009	27.	85		.003
4.	23		.006	28.	86		.006
5.	41	.024	.014	29.	87	.015	.014
6.	42	.021	.022	30.	88		.004
7.	43	.417	.429	31.	89		.007
8.	Standard ✓		.015	32.	101	.053	.034
9.	44		.008	33.			
10.	47		.026	34.			
11.	45		.008	35.	102		.049
12.	61	.024	.018	36.	103		.067
13.	62	.024	.022	37.	104	.069	.063
14.	63	.038	.033	38.	105		.030
15.	64	.016	.014	39.	106	.008	.006
16.				40.	107		.032
17.				41.	108		.004
18.	65		.041	42.	Standard ✓		.015
19.	66		.004	43.	109	.025	.008
20.	67-1	.006	.005	44.	121	.018	.017
21.	67-2		.006	45.	122		.024
22.	81	.032	.016	46.	123		.028
23.	82	.061	.025	47.	124		.048
24.	83		.003	48.			

TS

Pit-Bench-Pattern #
5-14-14
Submittal Date
9/19/91 10:42A

(2)

BLAST HOLE
Hot NaCN Shake
and
FIRE DETERMINATIONS

DATE: 9/20/91
NAME: TS

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	264		.015	25.	Standard ✓		.015
2.	265		.009	26.	305		.007
3.	266	.086	.025	27.	306		.019
4.	267		.010	28.	308		.023
5.	268		nil	29.	309	.025	.020
6.	269		.006	30.	310	.027	.016
7.	V7		.026	31.	324		.001
8.	Standard ✓		.015	32.	325		.004
9.	281		.012	33.			
10.	282		nil	34.			
11.	283		.011	35.	326		.006
12.	284		.005	36.	327		.032
13.	285		.048	37.	328		.020
14.	286-1	.016	.011	38.	329	.010	.007
15.	286-2		.012	39.	330	.025	.018
16.				40.	345		.003
17.				41.	346		.003
18.	287		.022	42.	Standard ✓		.014
19.	288	.020	.012	43.	347		.013
20.	289		.008	44.	348		.014
21.	290		.005	45.	349		.009
22.	302		.001	46.	367		.001
23.	303		.004	47.	368		.002
24.	304	.020	.018	48.	369		.015

α

TS

Pit-Bench-Pattern #
S-14-14

Submittal Date
9/19/91 10:42a / 1:31p

3

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

DATE: 9/20/91

NAME:

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	388		nil	25.	Standard ✓		.015
2.	389	.018	.015	26.			
3.	181		.007	27.			
4.	182		.012	28.			
5.	201		.003	29.			
6.	202		.007	30.			
7.	√7		.026	31.			
8.	Standard ✓		.014	32.			
9.	203		.012	33.			
10.	307	.017	.014	34.			
11.	513		.019	35.			
12.	514		.007	36.			
13.	515		.012	37.			
14.	516-1	.015	.012	38.			
15.	516-2		.013	39.			
16.				40.			
17.				41.			
18.	517		.013	42.	Standard ✓		
19.	518		.007	43.			
20.	519		.010	44.			
21.	520		.005	45.			
22.	521	.016	.012	46.			
23.	522		.004	47.			
24.	523		nil	48.			

Pit-Bench-Pattern #
5-14-14
Submittal Date
9/19/91 10:42A

① cont.

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

DATE: 9/20/91
NAME: TS

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.				25.	Standard ✓		
2.				26.			
3.				27.	220	.012	.008
4.				28.	221		.008
5.				29.	222		.009
6.				30.	223		.009
7.				31.	224		.018
8.	Standard ✓			32.	225	.032	.022
9.				33.	[redacted]		
10.				34.			
11.				35.	239		.002
12.				36.	240		.003
13.				37.	241		.006
14.				38.	242		.005
15.				39.	243		.011
16.	[redacted]			40.	244		.012
17.				41.	245		.027
18.				42.	Standard ✓		.015
19.				43.	246	.029	.019
20.				44.	247	.027	.020
21.				45.	260		nil
22.				46.	261		.003
23.				47.	262		.003
24.				48.	263		.004

α

Pit-Bench-Pattern #
5-14-14

Submittal Date
9/20/91 10:10A

EOP

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

(1)

DATE: 9/23

NAME: JS

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	1		.009	25.	Standard ✓		.014
2.	21		.011	26.	84		.029
3.	22		.009	27.	85		.003
4.	23		.006	28.	86		.006
5.	41		.014	29.	87		.014
6.	42		.022	30.	88		.004
7.	43		.429	31.	89		.007
8.	Standard ✓		.015	32.	101		.034
9.	44		.008	33.			
10.	47		.026	34.			
11.	45		.008	35.	102		.049
12.	61		.018	36.	103		.067
13.	62		.022	37.	104		.063
14.	63		.033	38.	105		.030
15.	64		.014	39.	106		.006
16.				40.	107		.032
17.				41.	108		.004
18.	65		.041	42.	Standard ✓		.015
19.	66		.004	43.	109		.008
20.	67-1		.005	44.	121		.017
21.	67-2		.006	45.	122		.024
22.	81		.016	46.	123		.028
23.	82		.025	47.	124		.048
24.	83		.003	48.			

Y

Pit-Bench-Pattern #
S-14-4

Submittal Date
9/20/91 10:10A (Cont)

EOP

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

DATE: 9/23

NAME: TS

(2)

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	125		.034	25.	Standard ✓		.015
2.	126		.025	26.	168		.071
3.	127		.020	27.	169		.014
4.	128		.012	28.	183		.011
5.	129		.052	29.	184		.044
6.	141		.007	30.	185		.010
7.	142		.038	31.	186		.011
8.	Standard ✓		.015	32.	187		.005
9.	143		.029	33.	[redacted]		
10.	144		.041	34.			
11.	145		.014	35.	188		.002
12.	146		.016	36.	189		.017
13.	147		.012	37.	204		.025
14.	148		.015	38.	205		.023
15.	149		.025	39.	206		.011
16.	[redacted]			40.	207		.003
17.				41.	208		.004
18.	161		.015	42.	Standard ✓		.015
19.	162		.010	43.	209		.005
20.	163		.017	44.	226		.029
21.	164		.061	45.	✓7		.027
22.	165		.013	46.	227-1		.006
23.	166		.009	47.	227-2		.006
24.	167		.005	48.			

Pit-Bench-Pattern #
S-14-14

Submittal Date
9/20/91 10:10A (Cont)

EOP

BLAST HOLE

Hot NaCN Shake and FIRE DETERMINATIONS

(3)

DATE: 9/23

NAME: TS

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	228		.003	25.	Standard ✓		
2.	229		.004	26.			
3.	248		.006	27.			
4.	249		.010	28.			
5.	501		.004	29.			
6.	502		.002	30.			
7.	503		.007	31.			
8.	Standard ✓		.015	32.			
9.	504		.009	33.			
10.	505		.016	34.			
11.	506		.012	35.			
12.	507		.014	36.			
13.	508		.042	37.			
14.	509		.029	38.			
15.	510		.027	39.			
16.				40.			
17.				41.			
18.	511		.033	42.	Standard ✓		
19.	512		.017	43.			
20.	✓7		.027	44.			
21.	1001-1		.020	45.			
22.	1001-2		.020	46.			
23.				47.			
24.				48.			

X

Pit-Bench-Pattern #
5-14-14

① cont.

Submittal Date
9/19/91 10:42A

BLAST HOLE

Hot HoCN Shake
and
FIRE DETERMINATIONS

DATE: 9/20/91

NAME:

	SAMPLE	FIRE Au.	HoCN Au.		SAMPLE	FIRE Au.	HoCN Au.
1.				25.	Standard ✓		
2.				26.			
3.				27.	220		.008
4.				28.	221		.008
5.				29.	222		.009
6.				30.	223		.009
7.				31.	224		.018
8.	Standard ✓			32.	225		.022
9.				33.			
10.				34.			
11.				35.	239		.002
12.				36.	240		.003
13.				37.	241		.006
14.				38.	242		.005
15.				39.	243		.011
16.				40.	244		.012
17.				41.	245		.027
18.				42.	Standard ✓		.015
19.				43.	246		.019
20.				44.	247		.020
21.				45.	260		nil
22.				46.	261		.003
23.				47.	262		.003
24.				48.	263		.004

28-0

Pit-Bench-Pattern #
5-14-14

Submittal Date
9/19/91 10:42a / 1:31p

3

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

DATE: 9/20/91

NAME:

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	388		nil	25.	Standard ✓		.015
2.	389		.015	26.			
3.	181		.007	27.			
4.	182		.012	28.			
5.	201		.003	29.			
6.	202		.007	30.			
7.	V7		.026	31.			
8.	Standard ✓		.014	32.			
9.	203		.012	33.			
10.	307		.014	34.			
11.	513		.019	35.			
12.	514		.007	36.			
13.	515		.012	37.			
14.	516-1		.012	38.			
15.	516-2		.013	39.			
16.				40.			
17.				41.			
18.	517		.013	42.	Standard ✓		
19.	518		.007	43.			
20.	519		.010	44.			
21.	520		.005	45.			
22.	521		.012	46.			
23.	522		.004	47.			
24.	523		nil	48.			

Pit-Bench-Pattern #
5-14-14
Submittal Date
9/19/91 10:42A

(2)

BLAST HOLE

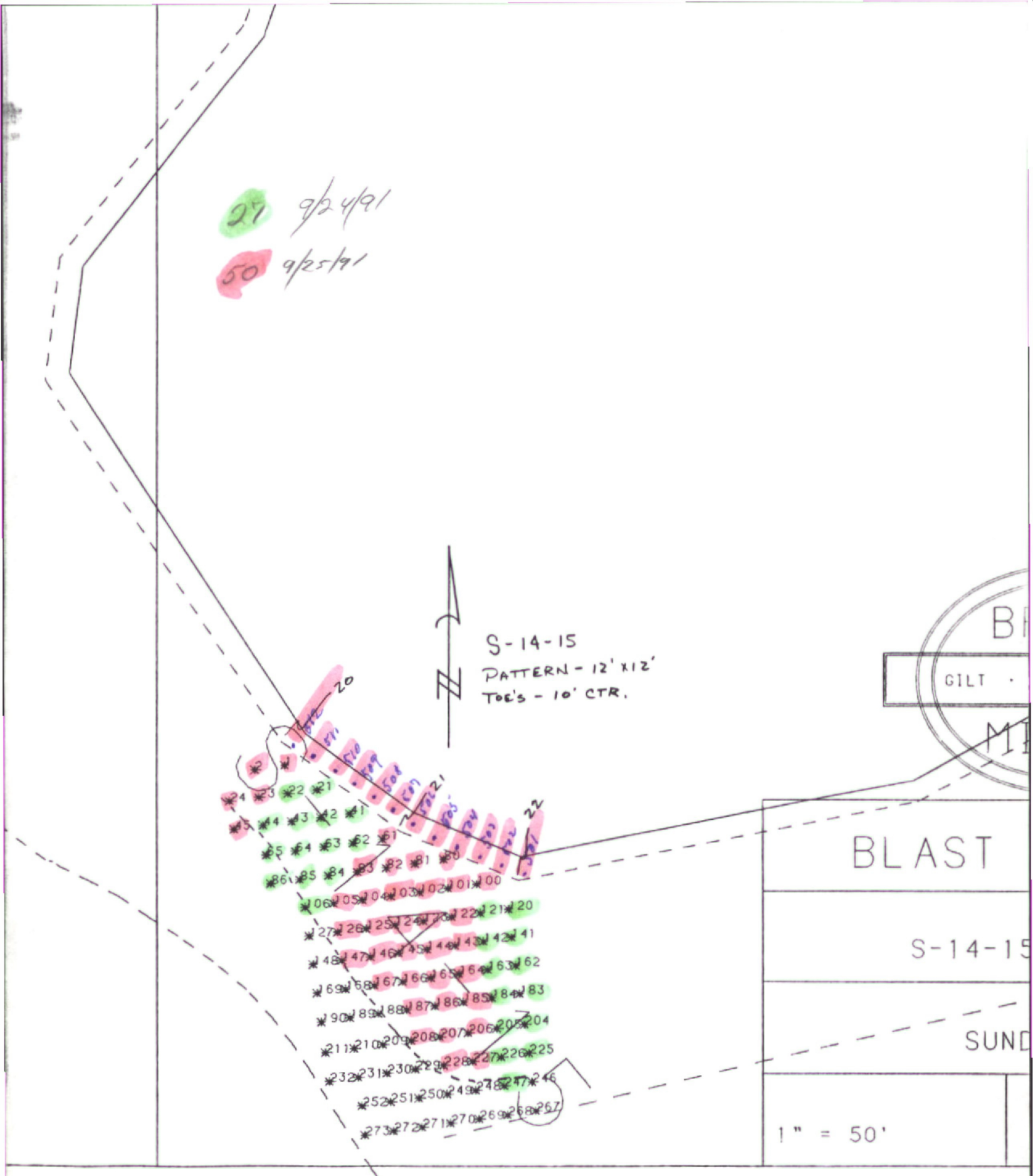
Hot HaCN Shake
and
FIRE DETERMINATIONS

DATE: 9/20/91
NAME: TE

	SAMPLE	FIRE Au.	HaCN Au.		SAMPLE	FIRE Au.	HaCN Au.
1.	264		.015	25.	Standard ✓		.015
2.	265		.009	26.	305		.007
3.	266		.025	27.	306		.019
4.	267		.010	28.	308		.023
5.	268		nil	29.	309		.020
6.	269		.006	30.	310		.016
7.	V7		.026	31.	324		.001
8.	Standard ✓		.015	32.	325		.004
9.	281		.012	33.	[redacted]		
10.	282		nil	34.			
11.	283		.011	35.	326		.006
12.	284		.005	36.	327		.032
13.	285		.048	37.	328		.020
14.	286-1		.011	38.	329		.007
15.	286-2		.012	39.	330		.018
16.	[redacted]			40.	345		.003
17.				41.	346		.003
18.	287		.022	42.	Standard ✓		.014
19.	288		.012	43.	347		.013
20.	289		.008	44.	348		.014
21.	290		.005	45.	349		.009
22.	302		.001	46.	367		.001
23.	303		.004	47.	368		.002
24.	304		.018	48.	369		.015

X

S-14-15


27 9/24/91
50 9/25/91
S-14-15
PATTERN - 12' X 12'
TOE'S - 10' CTR.
GILT
BLAST
S-14-15
SUND
1" = 50'

Pit-Bench-Pattern #
5-14-15

EOP

Submittal Date
9-25-91 9:28 am

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

(1)

DATE: 9-26

NAME: MM

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	1		.011	25.	Standard ✓		.013
2.	2		.009	26.	125	.037	.023
3.	23		.008	27.	126	.029	.021
4.	24		.007	28.	143	.058	.042
5.	45		.011	29.	144	.065	.048
6.	61		.008	30.	145	.048	.045
7.	80	.028	.019	31.	146	.079	.070
8.	Standard ✓		.015	32.	147	.055	.053
9.	81	.039	.019	33.	[redacted]		
10.	82	.019	.014	34.			
11.	83	.051	.039	35.	164		.063
12.	100	.016	.012	36.	165		.084
13.	101	.029	.019	37.	166		.026
14.	102	.027	.019	38.	167		.026
15.	103	.027	.023	39.	185		.017
16.	[redacted]			40.	186	.071	.030
17.				41.	187		.021
18.	104	.022	.017	42.	Standard ✓		.014
19.	105	.033	.023	43.	206		.024
20.	107		.026	44.	207	.023	.017
21.	122-1	.027	.018	45.	208		.032
22.	122-2		.019	46.	227		.023
23.	123	.030	.019	47.	228		.017
24.	124	.028	.015	48.			

FA all

will Fire assay all of these too dirty to get good AA results

X

95

Pit-Bench-Pattern #
5-14-15

Submittal Date
9-25-91

EOP

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

(2)

DATE: 9-26

NAME: MM

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	501		.008	25.	Standard ✓		
2.	502		.006	26.			
3.	503	.026	.018	27.			
4.	504	.032	.019	28.			
5.	505	.019	.012	29.			
6.	506	.020	.009	30.			
7.	507		.005	31.			
8.	Standard ✓		.015	32.			
9.	508		.009	33.			
10.	509		.004	34.			
11.	510		.006	35.			
12.	511		.005	36.			
13.	512-1	.006	.003	37.			
14.	512-2		.002	38.			
15.	✓7		.029	39.			
16.				40.			
17.				41.			
18.				42.	Standard ✓		
19.				43.			
20.				44.			
21.				45.			
22.				46.			
23.				47.			
24.				48.			

X

Rerun FA

S-14-15
9/24/91

	Au
163	.095

D-145
9/20/91

238	.064

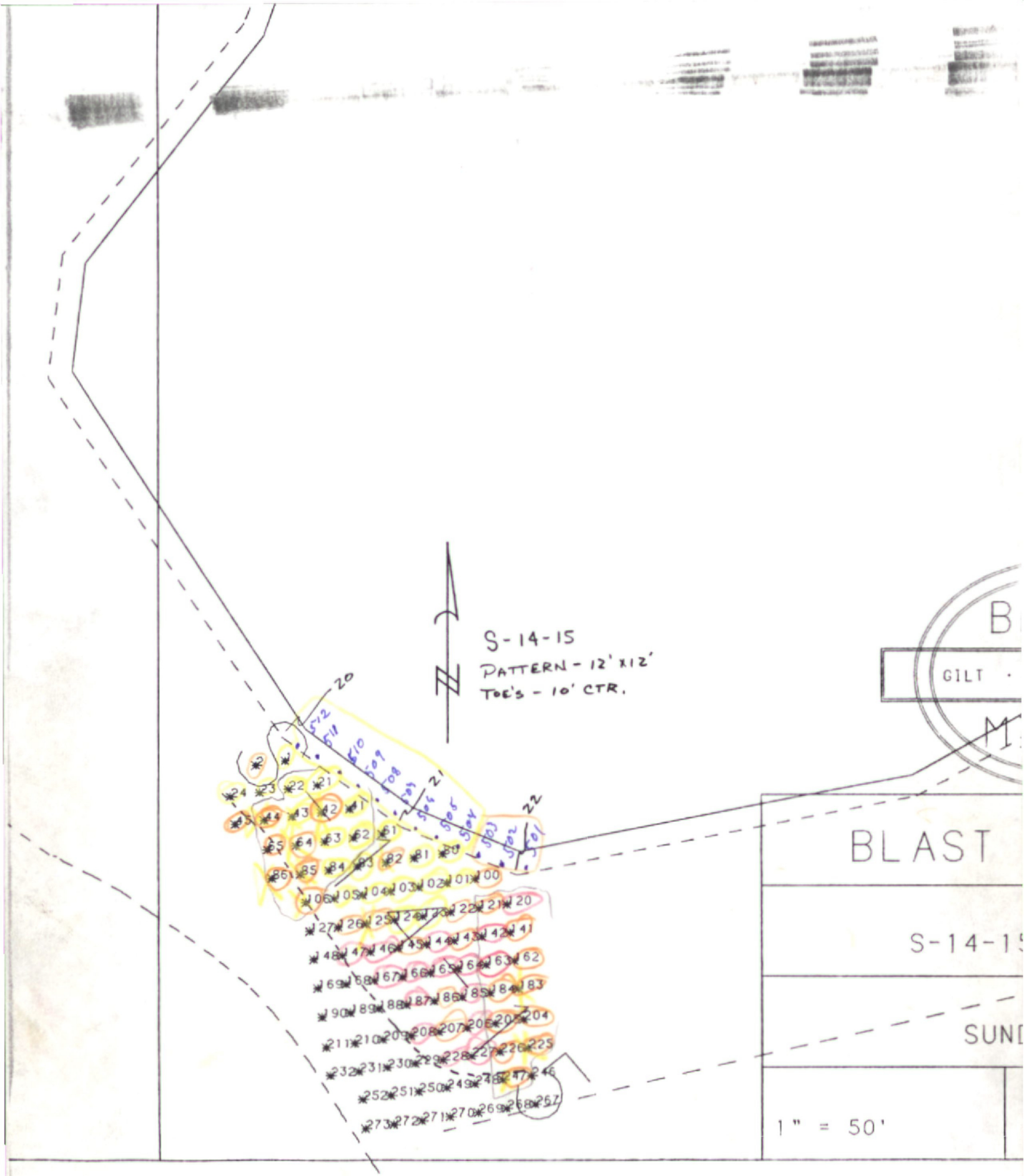
0 no	shot no	bh no	fire au	aa au	fire equiv (aa/ratio)	ore type	ratio	actual ratio (aa/fire)
		0						
0	11415	0			0.000		95.0%	
S14	15	1		11.000	15.714	1	70.0%	
S14	15	2		9.000	10.714	2	84.0%	
S14	15	21		6.000	8.571	1	70.0%	
S14	15	22		6.000	8.571	1	70.0%	
S14	15	23		8.000	11.429	1	70.0%	
S14	15	24		7.000	10.000	1	70.0%	
S14	15	41		9.000	12.857	1	70.0%	
S14	15	42	92.000	64.000	92.000	2	100.0%	69.6%
S14	15	43	31.000	21.000	31.000	1	100.0%	67.7%
S14	15	44	11.000	8.000	11.000	2	100.0%	72.7%
S14	15	45		11.000	13.095	2	84.0%	
S14	15	61		8.000	11.429	1	70.0%	
S14	15	62	42.000	23.000	42.000	1	100.0%	54.8%
S14	15	63	29.000	14.000	29.000	1	100.0%	48.3%
S14	15	64	27.000	20.000	27.000	2	100.0%	74.1%
S14	15	65	39.000	32.000	39.000	2	100.0%	82.1%
S14	15	80		19.000	27.143	1	70.0%	
S14	15	81		19.000	27.143	1	70.0%	
S14	15	82		14.000	16.667	2	84.0%	
S14	15	83		39.000	55.714	1	70.0%	
S14	15	84	35.000	17.000	35.000	1	100.0%	48.6%
S14	15	85		10.000	11.905	2	84.0%	
S14	15	86	28.000	22.000	28.000	2	100.0%	78.6%
S14	15	100		12.000	14.286	2	84.0%	
S14	15	101		19.000	27.143	1	70.0%	
S14	15	102		19.000	27.143	1	70.0%	
S14	15	103		23.000	32.857	1	70.0%	
S14	15	104		17.000	24.286	1	70.0%	
S14	15	105		23.000	32.857	1	70.0%	
S14	15	106	41.000	33.000	41.000	1	100.0%	80.5%
S14	15	120		6.000	5.316	3	95.0%	
S14	15	121	21.000	15.000	21.000	2	100.0%	71.4%
S14	15	122		19.000	22.619	2	84.0%	
S14	15	123		19.000	27.143	1	70.0%	
S14	15	124		15.000	21.429	1	70.0%	
S14	15	125		23.000	27.381	2	84.0%	
S14	15	126		21.000	25.000	2	84.0%	
S14	15	141	13.000	13.000	13.000	2	100.0%	100.0%
S14	15	142		40.000	42.105	3	95.0%	
S14	15	143		42.000	44.211	3	95.0%	
S14	15	144		48.000	50.526	3	95.0%	
S14	15	145		45.000	47.368	3	95.0%	
S14	15	146		70.000	73.684	3	95.0%	
S14	15	147		53.000	55.789	3	95.0%	
S14	15	162	17.000	15.000	17.000	2	100.0%	88.2%
S14	15	163	84.000	103.000	84.000	3	100.0%	122.6%
S14	15	164		63.000	66.316	3	95.0%	
S14	15	165		84.000	88.421	3	95.0%	
S14	15	166		26.000	27.368	3	95.0%	
S14	15	167		26.000	27.368	3	95.0%	
S14	15	183		12.000	14.286	2	84.0%	
S14	15	184		6.000	7.143	2	84.0%	

S14	15	185		17.000	17.095	3	95.00	
S14	15	186		30.000	35.714	2	84.00	
S14	15	187		31.000	35.000	2	86.00	
S14	15	204		12.000	14.286	2	84.00	
S14	15	205	17.000	15.000	17.000	2	100.00	88.28
S14	15	206		24.000	25.263	3	95.00	
S14	15	207		17.000	20.238	2	84.00	
S14	15	208		32.000	33.684	3	95.00	
S14	15	225		16.000	19.047	2	84.00	
S14	15	226	33.000	29.000	33.000	2	100.00	73.78
S14	15	227		22.000	24.211	3	95.00	
S14	15	228		17.000	17.095	3	95.00	
S14	15	247	33.000	27.000	30.000	2	100.00	90.00
S14	15	501		8.000	9.524	2	84.00	
S14	15	502		6.000	7.143	2	84.00	
S14	15	503		18.000	21.429	2	84.00	
S14	15	504		13.000	17.143	1	70.00	
S14	15	505		12.000	17.143	1	70.00	
S14	15	506		9.000	12.857	1	70.00	
S14	15	507		5.000	7.143	1	70.00	
S14	15	508		9.000	12.857	1	70.00	
S14	15	509		4.000	5.714	1	70.00	
S14	15	510		6.000	8.571	1	70.00	
S14	15	511		5.000	7.143	1	70.00	
S14	15	512		3.000	4.286	1	70.00	

0 no	shot no	bh no	fire au	aa au	fire equiv (aa/ratio)	ore type	ratio	actual ratio (aa/fire)
0	11415	0			0.000		95.0%	
		1		11		1		
		2		9		2		
		21		6		1		
		22		6		1		
		23		8		1		
		24		7		1		
		41		9		1		
		42	82.000	64		2		
		43	31.000	21		1		
		44	11.0000	8		2		
		45		11		2		
		61		8		1		
		62	42	23		1		
		63	29	18	14	1		
		64	27	20		2		
		65	39	32		2		
		80		19		1		
		81		19		1		
		82		14		2		
		83		39		1		
		84	35	17		1		
		85		10		2		
		86	28	22		2		
		100		12		2		
		101		19		1		
		102		19		1		
		103		23		1		
		104		17		1		
		105		23		1		
		106	41	33		2		
		120		6		3		
		121	21	15		2		
		122		19		2		
		123		19		1		
		124		15		1		
		125		23		2		
		126		21		2		
		141	13	13		2		
		142		40		3		
		143		42		3		
		144		48		3		
		145		45		3		
		146		70		3		
		147		53		3		
		162	17	15		2		
		163	84	103		3		
		164		63		3		
		165		84		3		
		166		26		3		
		167		26		3		
		183		12		2		
		184		6		2		

Prob. with AA

185		17	3
186		30	2
187		21	2
204		12	2
205	17	15	2
206		24	3
207		17	2
208		32	3
225		14	2
226	38	28	2
227		23	3
228		17	3
247	30	27	2
501		8	2
502		6	2
503		18	2
504		19	1
505		~~13~~ 12	1
506		9	1
507		5	1
508		9	1
509		4	1
510		6	1
511		5	1
512		3	1


S-14-15
PATTERN - 12' X 12'
TOE'S - 10' CTR.
N
GILT
BLAST
S-14-15
SUND
1" = 50'

Pit-Bench-Pattern #
5-14-15

EOP

Submittal Date
9-25-91 9:28 am

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

(1)

DATE: 9-26

NAME: MM

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	1		.011	25.	Standard ✓		.013
2.	2		.009	26.	125		.023
3.	23		.008	27.	126		.021
4.	24		.007	28.	143		.042
5.	45		.011	29.	144		.048
6.	61		.008	30.	145		.045
7.	80		.019	31.	146		.070
8.	Standard ✓		.015	32.	147		.053
9.	81		.019	33.			
10.	82		.014	34.			
11.	83		.039	35.	164		.063
12.	100		.012	36.	165		.084
13.	101		.019	37.	166		.026
14.	102		.019	38.	167		.026
15.	103		.023	39.	185		.017
16.				40.	186		.030
17.				41.	187		.021
18.	104		.017	42.	Standard ✓		.014
19.	105		.023	43.	206		.024
20.	107		.026	44.	207		.017
21.	122-1		.018	45.	208		.032
22.	122-2		.019	46.	227		.023
23.	123		.019	47.	228		.017
24.	124		.015	48.			

FA all

will fire assay all of these too dirty to get good AA results

Pit-Bench-Pattern #
5-14-15

Submittal Date
9/24/91 2:52p

(Grant)

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

DATE: 5/25/91

NAME:

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.				25.	Standard ✓		.015
2.				26.	121	.021	.015
3.				27.	141	.013	.013
4.				28.	142		.040
5.	21		.006	29.	162	.017	.015
6.	22		.006	30.	163	.084	.103
7.	41		.009	31.	183		.012
8.	Standard ✓		.015	32.	184		.006
9.	17		.026	33.	[redacted]		
10.	42	.092	.064	34.			
11.	43	.031	.021	35.	204		.012
12.	44	.011	.008	36.	205	.017	.015
13.	62	.042	.023	37.	225		.014
14.	63-1	.029	.016	38.	226	.038	.028
15.	63-2		.013	39.	247	.030	.027
16.	[redacted]			40.			
17.				41.			
18.	64	.027	.020	42.	Standard ✓		
19.	65	.039	.032	43.			
20.	84	.035	.017	44.			
21.	85		.010	45.			
22.	86	.028	.022	46.			
23.	106	.041	.033	47.			
24.	120		.006	48.			

Rerun F4

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