Pit-Bench-Pattern #
S-18-5

Submittal Date
6-12-91 1:30 pm (cont)
EOP 3:00 pm *

BLAST HOLE (2)

Hot NaCN Shake
and
FIRE DETERMINATIONS

DATE: 6-13-91
NAME: MM

		SAMPLE	FIRE Au.	NaCN Au.			SAMPLE	FIRE Au.	NaCN Au.
	1.	515		.007		25.	Standard ✓		.014
	2.	516		.006		26.	530		.012
	3.	517		.002		27.	531	.005	.003
	4.	518		.004		28.	1002	.009	.007
	5.	519		.009		29.			
	6.	520		nil		30.			
	7.	521		.001		31.			
	8.	Standard ✓		.014		32.			
	9.	522		.001		33.	[redacted]		
2*	10.	523	.008	.001		34.			
	11.	524	.007	.002		35.			
	12.	525		nil		36.			
	13.	526		nil		37.			
	14.	527		nil		38.			
	15.	528		.004		39.			
	16.	[redacted]				40.			
	17.					41.			
	18.	V7		.031		42.	Standard ✓		
*	19.	23		.013		43.			
	20.	44	.028	.029		44.			
	21.	65		.014		45.			
	22.	86		.014		46.			
2 *	23.	107		.003		47.			
	24.	529		.006		48.			

x x

92

Pit-Bench-Pattern #
S-18-5

Submittal Date
6-9-91 2:00 pm

BLAST HOLE ①

Hot NaCN Shake
and
FIRE DETERMINATIONS

DATE: 6-11-91

NAME: MM

RERUNS IN RED THEN AVERAGED & CIRCLED

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	178		.008	25.	Standard ✓		.015
2.	199		.004	26.	271	.158 .150 .154	.090 .095 .093
3.	220	.024	.020	27.	283	.018	.017
4.	223	.056	.061	28.	286		.045
5.	224	.076	.065	29.	287		.040
6.	225	.049	.026	30.	288		.012
7.	241		.016	31.	289		.033
8.	Standard ✓		.015	32.	290		.054
9.	244	.125	.121	33.	[redacted]		
10.	✓7		.030	34.			
11.	245	.049	.043	35.	291		.026
12.	246	.048	.050	36.	304	.090 .117 .104	.066 .045 .056
13.	247		.049	37.	306	.021	.021
14.	248	.022	.021	38.	307		.033
15.	249		.057	39.	308		.043
16.	[redacted]			40.	309		.016
17.				41.	310		.036
18.	262		.018	42.	Standard ✓		.015
19.	265		.034	43.	311		.079
20.	266	.071	.057	44.	325		.024
21.	267	.015	.011	45.	327	.032	.033
22.	268		.058	46.	328-1	.022	.017 .016
23.	269	.018	.016	47.	328-2		.015
24.	270		.028	48.			

X

TS

Pit-Bench-Pattern #
5-18-5

Submittal Date
6-9-91 2:00pm Cont

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

(2)

DATE: 6-11-91

NAME: MM

RERUNS IN RED THEN AVERAGED & CIRCLED.

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	329		.044	25.	Standard ✓		.015
2.	330		.004	26.	505		.008
3.	331		.032	27.	506	.036 .051 (.044)	.016 .015 (.016)
4.	346		.087	28.	507		.030
5.	348	.061	.045	29.	508	.064	.023
6.	349		.027	30.	509	.075 .097 (.086)	.030 .035 (.033)
7.	350	.038	.039	31.	510		.006
8.	Standard ✓		.014	32.	601		.002
9.	351		.012	33.			
10.	V7		.028	34.			
11.	367	.162 .196 (.179)	.122 .122 ✓	35.	602	.032	.027
12.	369	.057	.055	36.	603		.059
13.	370		.026	37.	604		.032
14.	371	.156	.130	38.	605		.034
15.	388	.311 .425 (.368)	.170 .118 (.144)	39.	606		.058
16.				40.	607		.010
17.				41.	608	.028	.025
18.	390		.020	42.	Standard ✓		.015
19.	391	.038	.037	43.	609	.020	.022
20.	411		.022	44.	610		.013
21.	501	.036	.032	45.	611	.031	.019
22.	502	.385 .356 (.371)	.274 .255 (.265)	46.	612-1	.029	.022
23.	503		.039	47.	612-2		.021
24.	504	.312 .320 (.316)	.244 .233 (.237)	48.			

Rerun FA ⇒ 15.

X TS X

Pit-Bench-Pattern #
S-18-5

Submittal Date
6-11-91 10:00 Am (cont)
6-11-91 1:30 pm *

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

(3)

DATE: 6-12-91

NAME: MM

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	384	.070	.046	25.	Standard ✓		.015
2.	385	.013	.012	26.	146		.013
3.	386	.081	.061	27.	147		.003
4.	387	.161	.138	28.	152		.011
5.	407	.314	.195	29.	153	.050	.042
6.	408	.543	.394	30.	154		.039
7.	409	.201	.133	31.	155	.026	.031
8.	Standard ✓		.015	32.	166		.003
9.	410		.063	33.	[redacted]		
10.	r7		.026	34.			
11.	429		.055	35.	167		.006
12.	430	.280	.174	36.	168		.005
* 13.	67	.033	.032	37.	174	.069	.071
14.	88	.036	.030	38.	175	.041	.043
15.	89		.007	39.	176	.048	.048
16.	[redacted]			40.	177	.043	.044
17.				41.	188		.007
18.	110		.004	42.	Standard ✓		.015
19.	111	.026	.031	43.	189		.005
20.	131		.005	44.	209		.005
21.	132	.013	.010	45.	210		.006
22.	133	.139	.111	46.	231-1	.005	.003
23.	144	.010	.006	47.	231-2		.002
24.	145		.005	48.			

B

Pit-Bench-Pattern #
5-18-5

Submittal Date
6-9-91 2:00 pm (cont)
6-10-91 1:52 *

BLAST HOLE (3)

Hot NaCN Shake
and
FIRE DETERMINATIONS

DATE: _____

NAME: _____

Rerun FA .123 ⇒

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	613	.035	.026	25.	Standard ✓		.014
2.	614	.035	.034	26.	1	.012	.015 *
3.	615		.009	27.	21		.011
4.	616	.126 .128	.020	28.	22		.012
5.	617	.043	.051	29.	41		.009
6.	618	.051	.033	30.	42		.008
7.	619	.061	.060	31.	43		.002
8.	Standard ✓		.015	32.	62		.009
9.	620	.037	.041	33.			
10.	621	.041	.030	34.			
11.	622	.022	.022	35.	63		.009
12.	623	.016	.015	36.	64		.005
13.	624	.025	.022	37.	85		.009
14.	625		.011	38.	106		.007
15.	626	.030	.023	39.	126		.003
16.				40.	127		.005
17.				41.	148		.004
18.	627		.009	42.	Standard ✓		.015
19.	628		.010	43.	169		.004
20.	629		.007	44.	190		.008
21.	630		.009	45.	211		.006
22.	631-1	.014	.011 .010	46.	216	.021	.023
23.	631-2		.008	47.	217	.061	.046
24.	L7		.028	48.			

Note ⇒ 6/12 Complete through 631 TS X

TS X

BLAST HOLE ORE TYPE

PATTERN 5-18-5 DATE 6-12-91

NO.	SUL	MIX	OXI	NO.	SUL	MIX	OXI	NO.	SUL	MIX	OXI	NO.	SUL	MIX	OXI
23	X			233		X		522	X			13			
44		X		234		X		523	X			14			
45	X			235	X			524	X			15			
65		X		254		X		525	X			16			
66		X		255	X			526	X			17			
86			X	256	X			527	X			18			
87			X	275	X			528			X	19			
107		X		276	X			529			X	20			
108	X			277	X			530			X	21			
109	X			297	X			531			X	22			
128	X			298	X			0				23			
129	X			318	X			0				24			
130	X			319		X		0				25			
149	X			340		X		1001		X		26			
150	X			511		X		1002	X			27			
151	X			512	X			3				28			
170	X			513	X			4				29			
171	X			514	X			5				30			
172	X			515	X			6				31			
191	X			516	X			7				32			
192	X			517	X			8				33			
193	X			518	X			9				34			
212	X			519	X			10				35			
213		X		520	X			11				36			
214	X			521	X			12				37			

E.O.P.

BLAST HOLE ORE TYPE

PATTERN 5-18-5 DATE 6-11-91

NO.	SUL	MIX	OXI	NO.	SUL	MIX	OXI	NO.	SUL	MIX	OXI	NO.	SUL	MIX	OXI
1		X		110	X			175		X		236	X		
21			X	111	X			176		X		237	X		
22		X		123	X			177		X		238	X		
41			X	124			X	188	X			239		X	
42			X	125			X	189	X			240		X	
43		X		126	X			190	X			242		X	
~~44~~				127			X	194	X			243		X	
61			X	131	X			195			X	253	X		
62			X	132		X		196			X	257	X		
63		X		133		X		197		X		258	X		
64	X			144	X			198		X		259		X	
67		X		145			X	200		X		260		X	
81		X		146			X	201		X		261		X	
82			X	147	X			209	X			263		X	
83		X		148		X		210	X			264		X	
84		X		152	X			211	X			278	X		
85		X		153		X		215		X		279	X		
88		X		154			X	216		X		280		X	
89	X			155		X		217		X		281		X	
101			X	166	X			218			X	282		X	
102		X		167	X			219			X	284			X
103			X	168	X			221		X		285		X	
104			X	169	X			222	X			299	X		
105			X	173	X			231	X			300		X	
106			X	174		X		232	X			301	X		

BLAST HOLE ORE TYPE

PATTERN DATE

BLAST HOLE ORE TYPE

PATTERN 5-18-5 DATE 6-11-91

NO.	SUL	MIX	OXI	NO.	SUL	MIX	OXI	NO.	SUL	MIX	OXI	NO.	SUL	MIX	OXI
302	X							175				236			
303		X		389			X	176				237			
305		X		407			X	177				238			
320	X			408			X	188				239			
321	X			409			X	189				240			
322	X			410			X	190				242			
323		X		429			X	194				243			
324		X		430		X		195				253			
326		X		431			X	196				257			
341		X		0				197				258			
342	X			0				198				259			
343	X			1				200				260			
344	X			2				201				261			
345		X		3				209				263			
347		X		4				210				264			
362	X			152				211				278			
363		X		153				215				279			
364	X			154				216				280			
365	X			155				217				281			
366	X			166				218				282			
368		X		167				219				284			
384		X		168				221				285			
385		X		169				222				299			
386		X		173				231				300			
387			X	174				232				301			

BLAST HOLE ORE TYPE

PATTERN 5-18-5 DATE 6-9-91

NO.	SUL	MIX	OXI	NO.	SUL	MIX	OXI	NO.	SUL	MIX	OXI	NO.	SUL	MIX	OXI
178		X		289			X	388		X		612		X	
199		X		290			X	390			X	613		X	
220		X		291		X		391			X	614		X	
223		X		304		X		411			X	615	X		
224		X		306		X		501		X		616	X		
225		X		307			X	502			X	617		X	
241			X	308			X	503			X	618		X	
244			X	309			X	504			X	619		X	
245		X		310			X	505		X		620		X	
246		X		311			X	506		X		621		X	
247			X	325			X	507			X	622		X	
248		X		327		X		508		X		623	X		
249			X	328			X	509		X		624		X	
262			X	329			X	510	X			625	X		
265			X	330		X		601	X			626	X		
266		X		331			X	602		X		627	X		
267			X	346			X	603			X	628	X		
268			X	348		X		604			X	629	X		
269		X		349			X	605			X	630	X		
270			X	350		X		606			X	631	X		
271		X		351		X		607		X		632			
283		X		367			X	608		X		633			
286			X	369		X		609		X		634			
287			X	370			X	610		X		635			
288			X	371			X	611		X		636			

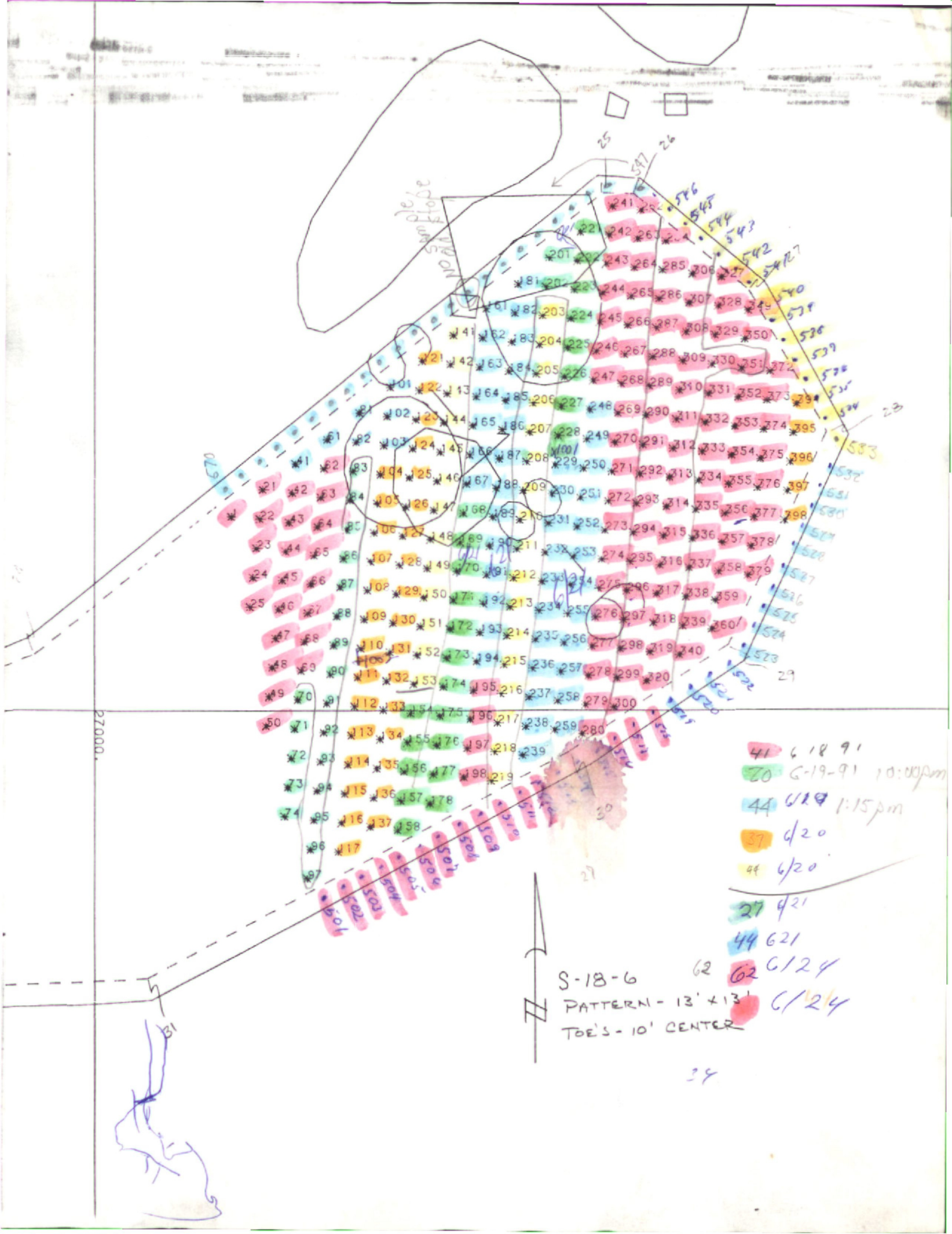
S-18-5
6/10/91 1:52 P
rerun AA

200	.014
301	.034
363	.036
366	.018

S-18-5
6-9-91 2:00P

Rerun FA's		AA's
271	.158	.090
283	.018	
304	.090	.066
367	.162	.122
388	.311	.170
502	.385	.274
504	.312	.241
506	.036	.016
509	.075	.030

S-18-6


Sample Slope
27000.
41 6 18 91
20 6-19-91 10:00pm
44 6/19 1:15pm
37 6/20
44 6/20
27 6/21
44 6/21
62 6/24
6/24
S-18-6
PATTERN - 13' x 13'
TOE'S - 10' CENTER