Gilt Edge Project

Pit-Bench-Pattern # 5-16-3

Submittal Date 8-30-90 1:30 PM

BLAST HOLE

Hot NaCN Shake and FIRE DETERMINATIONS

DATE: 8/31/90

NAME: Chad G. VD

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	500	.047	.045	25.	Standard ✓		.015
2.	501	.017	.016	26.	521(1)	.008	.007
3.	502		.033	27.	521(2)		.006
4.	503		.025	28.	522		.013
5.	504		.051	29.	523		.012
6.	505		.056	30.	524		.018
7.	506		.052	31.	525		.004
8.	Standard ✓		.014	32.	526		.003
9.	507		.060	33.			
10.	508		.028	34.			
11.	509		.037	35.			
12.	510		.023	36.			
13.	511	.031	.030	37.			
14.	512		.034	38.			
15.	513		.023	39.			
16.				40.			
17.				41.			
18.	514		.027	42.	Standard ✓		
19.	515	.019	.017	43.			
20.	516		.038	44.			
21.	517	.023	.021	45.			
22.	518		.016	46.			
23.	519	.016	.015	47.			
24.	520		.021	48.			

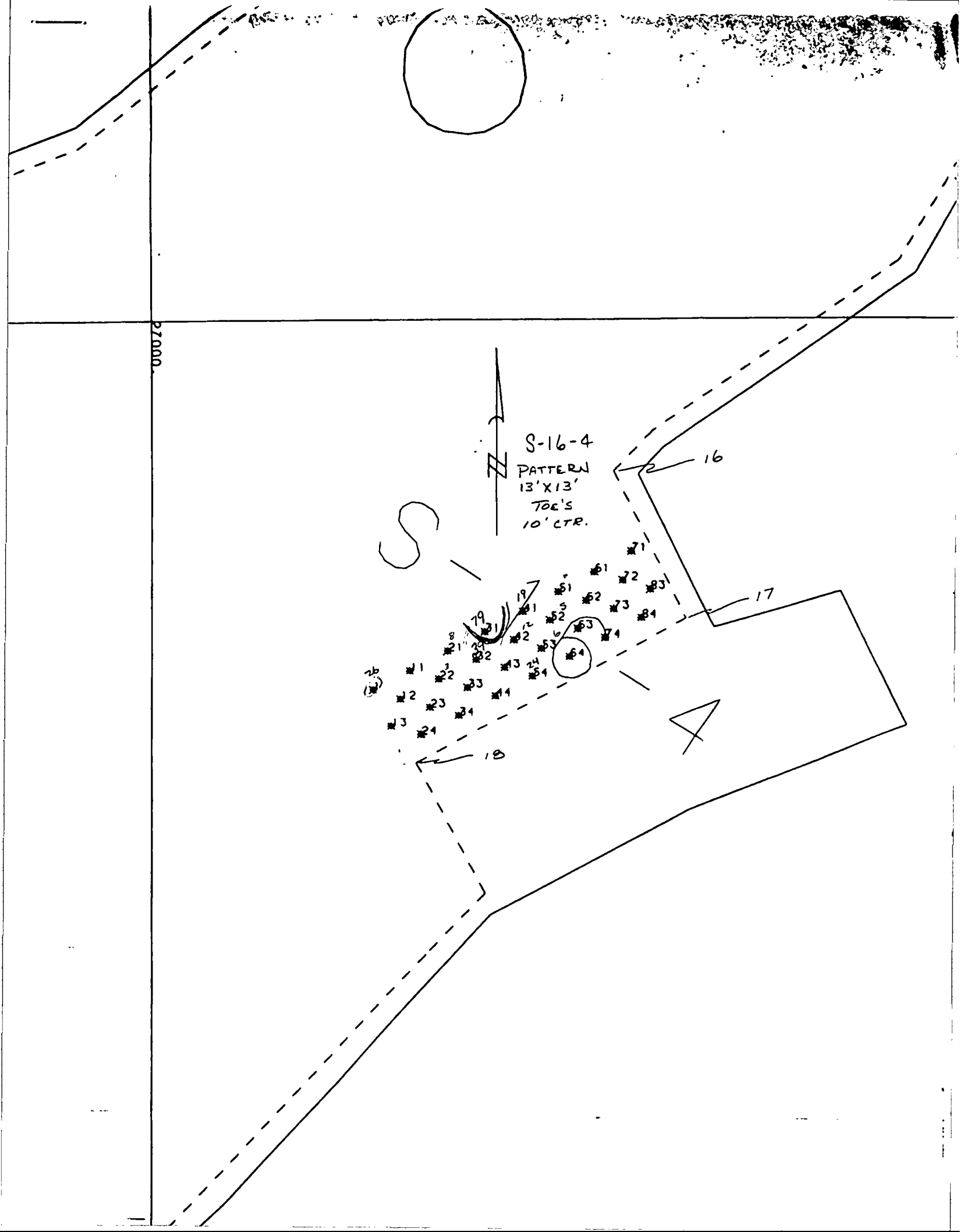
MW/ BM

S-16-4

ore type OK 12-21-90

CHECKED OK 9/13/90 BM

BENCH NO	SHOT NO	BLASTHOLE NO	ORE TYPE	FIRE AU	AA AU	AA/FIRE	AA/RAT
S16	4	1	2	0.068	0.026	38.24%	0.068
S16	4	11	1	0.018	0.010	55.56%	0.018
S16	4	12	1		0.003		0.003
S16	4	13	1		0.002		0.002
S16	4	21	1	0.014	0.008	57.14%	0.014
S16	4	22	1		0.003		0.003
S16	4	23	1	0.014	0.011	78.57%	0.014
S16	4	24	1		0.006		0.007
S16	4	31	3	0.085	0.079	92.94%	0.085
S16	4	32	3	0.037	0.039	105.41%	0.037
S16	4	33	3	0.013	0.013	100.00%	0.013
S16	4	34	3		0.012		0.013
S16	4	41	3		0.019		0.020
S16	4	42	1	0.018	0.012	66.67%	0.018
S16	4	43	1		0.006		0.007
S16	4	44	1	0.015	0.014	93.33%	0.015
S16	4	51	1	0.026	0.011	42.31%	0.026
S16	4	52	1	0.010	0.005	50.00%	0.010
S16	4	53	1	0.009	0.006	66.67%	0.009
S16	4	54	1	0.045	0.024	53.33%	0.045
S16	4	61	1	0.004	0.002	50.00%	0.004
S16	4	62	1		0.006		0.007
S16	4	63	1	0.022	0.014	63.64%	0.022
S16	4	64	1		0.005		0.005
S16	4	71	1		0.008		0.009
S16	4	72	1	0.004	0.002	50.00%	0.004
S16	4	73	1		0.003		0.003
S16	4	74	2		0.004		0.004
S16	4	83	1	0.003	0.001	33.33%	0.003
S16	4	84	1		0.001		0.001
S16	4	100	1	0.010	0.010	100.00%	0.010
S16	4	101	1		0.004		0.004
S16	4	102	1	0.009	0.005	55.56%	0.009
S16	4	103	1		0.001		0.001
			MEAN	0.022	0.011	65.93%	0.015


S-16-4
PATTERN
13'X13'
TOE'S
10' CTR.
16
17
18
19
26

S-16-4
PATTERN
13'X13'
TOE'S
10' CTR.
N
16
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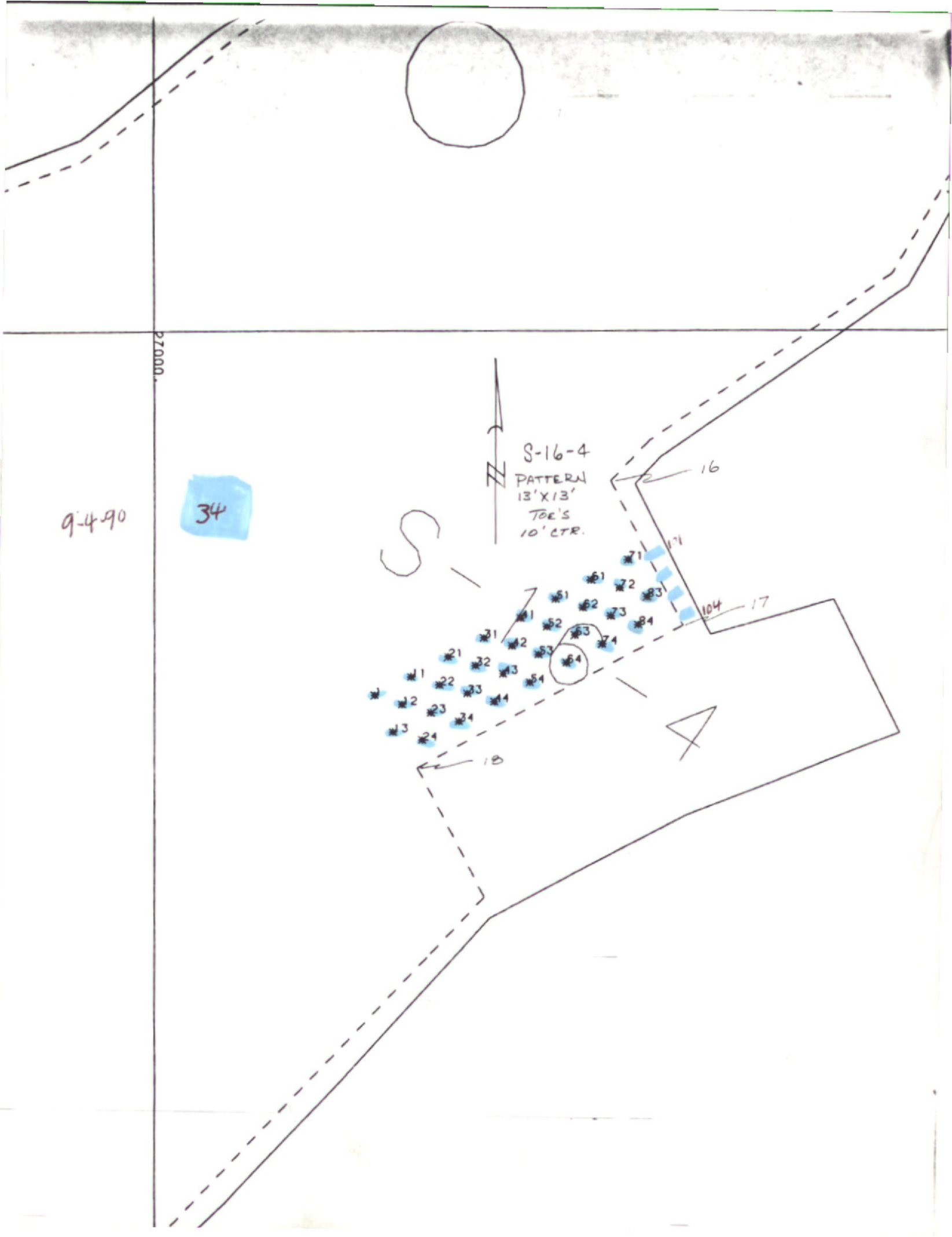
9-4-90
34
S-16-4
PATTERN
13'X13'
TOE'S
10' CTR.
N
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24

BLAST HOLE ORE TYPE

PATTERN S-16-4

DATE 8-4-90

NO.	SULF.	MIX	OXIDE	NO.	SULF.	MIX	OXIDE	NO.	SULF.	MIX	OXIDE	NO.	SULF	MIX	OXID
1		X		100	X										
				101	X										
11	X			102	X										
12	X			103	X										
13	X														
21	X														
22	X														
23	X														
24	X														
31			X												
32			X												
33			X												
34			X												
~~35~~															
41			X												
42	X														
43	X														
44	X														
51	X														
52	X														
53	X														
54	X														
~~55~~															
61	X														
62	X														
63	X														
64	X														
71	X														
72	X														
73	X														
74		X													
83	X														
84	X														

Gilt Edge Project

Pit-Bench-Pattern #
S-116-4

Submittal Date
9/4/90

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

DATE: 9/5/90

NAME: CA/MW

* 5 drops flocculant added

1 Fire

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	01	.068	.026	25.	Standard ✓		.015
2.	11	.018	.010	26.	62		.006
3.	12		.003	27.	63	.022	.014
4.	13		.002	28.	64		.005
5.	21	.014	.008	29.	71		.008
6.	22		.003	30.	72	.004	.002 ✓
7.	23	.014	.011	31.	73		.003 *
8.	Standard ✓		.014	32.	74		.004 *
9.	24		.006	33.			
10.	31	.085	.079	34.			
11.	32	.037	.039	35.	83	.003	.001 ✓
12.	33	.013	.013	36.	84		.001
13.	34		.012	37.	100	.010	.010
14.	41		.019	38.	101		.004
15.	42	.018	.012	39.	102	.009	.005 *
16.				40.	103-1		Nil
17.				41.	103-2		.001
18.	43		.006	42.	Standard ✓		.015
19.	44	.015	.014	43.			
20.	51	.026	.011	44.			
21.	52	.010	.005	45.			
22.	53	.009	.006	46.			
23.	54	.045	.024	47.			
24.	61	.004	.002	48.			

Free

5-16-5

one type
OK 12-21-90
WB

CHECKED - OK
9-21-90
BM

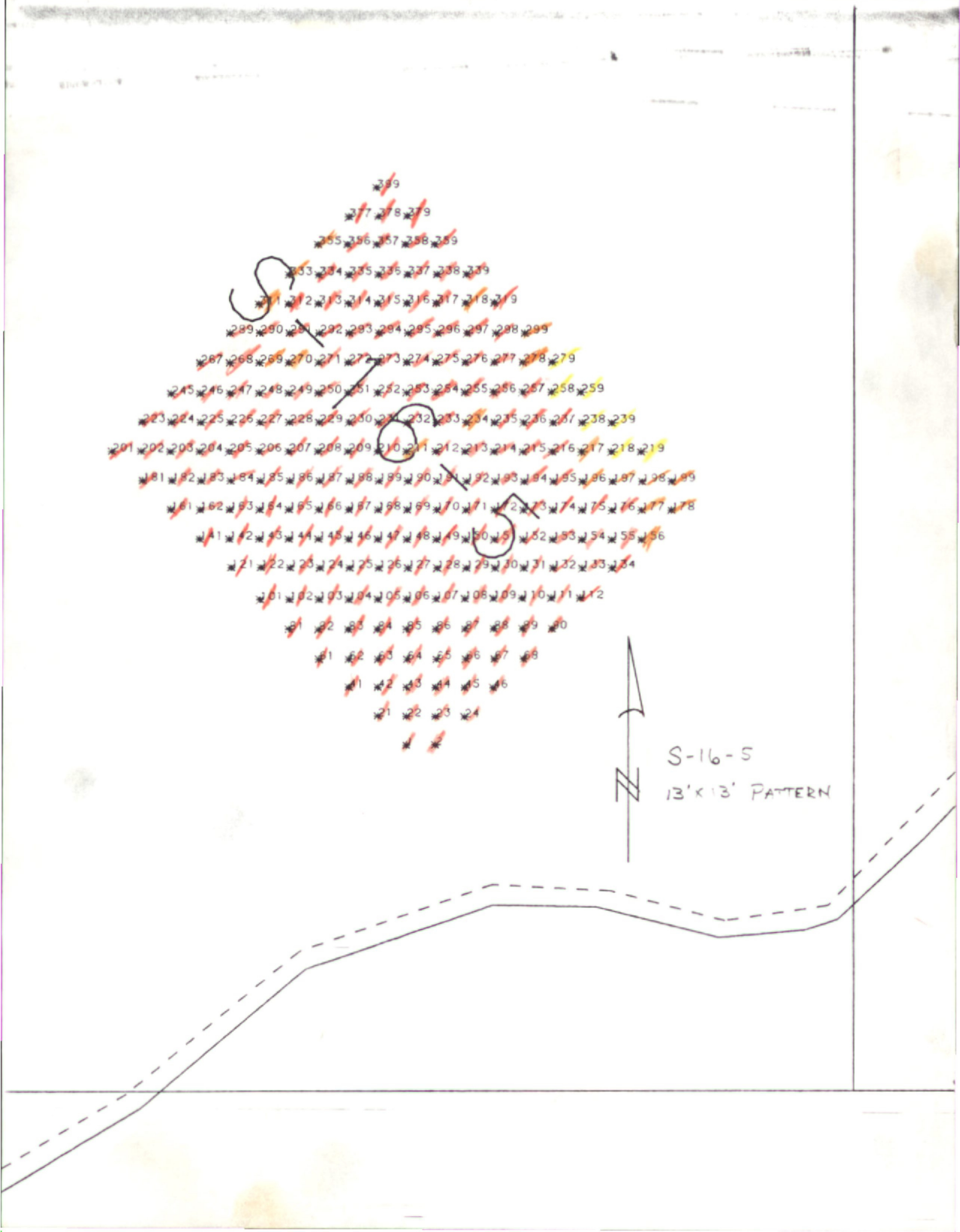
BENCH NO	SHOT NO	BLASTHOLE NO	ORE TYPE	FIRE AU	AA AU	AA/FIRE	AA/RAT
S16	5	1	3	0.019	0.017	89.47%	0.019
S16	5	2	3		0.009		0.010
S16	5	21	3	0.028	0.025	89.29%	0.028
S16	5	22	3	0.011	0.009	81.82%	0.011
S16	5	23	3		0.008		0.009
S16	5	24	3		0.017		0.018
S16	5	41	3	0.050	0.048	96.00%	0.050
S16	5	42	3		0.022		0.023
S16	5	43	3		0.023		0.024
S16	5	44	3	0.013	0.011	84.62%	0.013
S16	5	45	3	0.013	0.011	84.62%	0.013
S16	5	46	3		0.005		0.005
S16	5	61	3		0.027		0.029
S16	5	62	3		0.024		0.026
S16	5	63	3		0.012		0.013
S16	5	64	3		0.007		0.008
S16	5	65	3		0.014		0.015
S16	5	66	3		0.009		0.010
S16	5	67	3		0.012		0.013
S16	5	68	3		0.008		0.009
S16	5	81	3	0.027	0.026	96.30%	0.027
S16	5	82	3		0.021		0.022
S16	5	83	3		0.016		0.017
S16	5	84	3		0.013		0.014
S16	5	85	3		0.018		0.019
S16	5	86	3		0.006		0.007
S16	5	87	3		0.006		0.007
S16	5	88	3		0.004		0.004
S16	5	89	3		0.005		0.005
S16	5	90	3		0.005		0.005
S16	5	101	3	0.019	0.018	94.74%	0.019
S16	5	102	3		0.045		0.051
S16	5	103	3		0.013		0.014
S16	5	104	3	0.013	0.011	84.62%	0.013
S16	5	105	3		0.023		0.024
S16	5	106	3		0.010		0.011
S16	5	107	3		0.006		0.007
S16	5	108	3		0.008		0.009
S16	5	109	3		0.009		0.010
S16	5	110	3		0.005		0.005
S16	5	111	3		0.002		0.002
S16	5	112	3		0.007		0.008
S16	5	121	3		0.020		0.021
S16	5	122	3	0.014	0.013	92.86%	0.014
S16	5	123	3		0.005		0.005
S16	5	124	3		0.010		0.011
S16	5	125	3		0.010		0.011
S16	5	126	3		0.012		0.013
S16	5	127	3		0.004		0.004
S16	5	128	3		0.003		0.003
S16	5	129	3		0.003		0.003
S16	5	130	3		0.006		0.007
S16	5	131	3		0.003		0.003
S16	5	132	3		0.005		0.005

S16	5	133	3		0.006		0.007
S16	5	134	3	0.025	0.024	96.00%	0.025
S16	5	141	3		0.015		0.016
S16	5	142	3	0.012	0.013	108.33%	0.012
S16	5	143	3		0.013		0.014
S16	5	144	3		0.011		0.012
S16	5	145	3		0.004		0.004
S16	5	146	3		0.013		0.014
S16	5	147	3		0.005		0.005
S16	5	148	3		0.004		0.004
S16	5	149	3		0.003		0.003
S16	5	150	3		0.003		0.003
S16	5	151	3		0.006		0.007
S16	5	152	3		0.014		0.015
S16	5	153	3		0.005		0.005
S16	5	154	3		0.008		0.009
S16	5	155	3		0.008		0.009
S16	5	156	2	0.014	0.013	92.86%	0.014
S16	5	161	3		0.006		0.007
S16	5	162	3	0.013	0.012	92.31%	0.013
S16	5	163	3		0.011		0.012
S16	5	164	3		0.007		0.008
S16	5	165	3		0.012		0.013
S16	5	166	3		0.008		0.009
S16	5	167	3		0.011		0.012
S16	5	168	3	0.002	0.003	150.00%	0.002
S16	5	169	3		0.004		0.004
S16	5	170	3		0.002		0.002
S16	5	171	3		0.004		0.004
S16	5	172	3		0.005		0.005
S16	5	173	3		0.008		0.009
S16	5	174	3		0.010		0.011
S16	5	175	3		0.006		0.007
S16	5	176	3		0.006		0.007
S16	5	177	2		0.007		0.008
S16	5	178	2	0.019	0.016	84.21%	0.019
S16	5	181	3		0.016		0.017
S16	5	182	3		0.010		0.011
S16	5	183	3	0.008	0.007	87.50%	0.008
S16	5	184	3	0.055	0.053	96.36%	0.055
S16	5	185	3	0.017	0.018	105.88%	0.017
S16	5	186	3		0.023		0.024
S16	5	187	3		0.009		0.010
S16	5	188	3		0.009		0.010
S16	5	189	3		0.004		0.004
S16	5	190	3		0.003		0.003
S16	5	191	3		0.005		0.005
S16	5	192	3		0.004		0.004
S16	5	193	3		0.009		0.010
S16	5	194	3		0.008		0.009
S16	5	195	3		0.008		0.009
S16	5	196	2		0.005		0.005
S16	5	197	2	0.007	0.005	71.43%	0.007
S16	5	198	2		0.005		0.005
S16	5	199	2	0.004	0.002	50.00%	0.004
S16	5	201	3		0.005		0.005

S16	5	202	3		0.010		0.011
S16	5	203	3		0.010		0.011
S16	5	204	3		0.010		0.011
S16	5	205	3		0.009		0.010
S16	5	206	3		0.027		0.029
S16	5	207	3		0.012		0.013
S16	5	208	3	0.016	0.014	87.50%	0.016
S16	5	209	3		0.009		0.010
S16	5	210	3		0.003		0.003
S16	5	211	2		0.002		0.002
S16	5	212	3		0.007		0.008
S16	5	213	3		0.003		0.003
S16	5	214	3	0.007	0.006	85.71%	0.007
S16	5	215	3		0.007		0.008
S16	5	216	3		0.010		0.011
S16	5	217	2	0.009	0.006	66.67%	0.009
S16	5	218	1		0.004		0.004
S16	5	219	1		0.004		0.004
S16	5	223	3		0.015		0.016
S16	5	224	3		0.018		0.019
S16	5	225	3		0.024		0.026
S16	5	226	3		0.006		0.007
S16	5	227	3	0.014	0.012	85.71%	0.014
S16	5	228	3		0.005		0.005
S16	5	229	3		0.007		0.008
S16	5	230	3		0.003		0.003
S16	5	231	3		0.005		0.005
S16	5	232	3		0.003		0.003
S16	5	233	3	0.004	0.004	100.00%	0.004
S16	5	234	2	0.004	0.003	75.00%	0.004
S16	5	235	3		0.009		0.010
S16	5	236	3		0.012		0.013
S16	5	237	3		0.008		0.009
S16	5	238	1		0.003		0.003
S16	5	239	1	0.008	0.004	50.00%	0.008
S16	5	245	3		0.024		0.026
S16	5	246	3		0.021		0.022
S16	5	247	3		0.012		0.013
S16	5	248	3	0.007	0.005	71.43%	0.007
S16	5	249	3		0.004		0.004
S16	5	250	3		0.005		0.005
S16	5	251	3		0.009		0.010
S16	5	252	3		0.008		0.009
S16	5	253	3	0.005	0.005	100.00%	0.005
S16	5	254	3		0.003		0.003
S16	5	255	3		0.004		0.004
S16	5	256	3		0.010		0.011
S16	5	257	3		0.010		0.011
S16	5	258	1	0.005	0.003	60.00%	0.005
S16	5	259	1		0.004		0.004
S16	5	267	3		0.024		0.026
S16	5	268	3	0.026	0.024	92.31%	0.026
S16	5	269	2	0.005	0.003	60.00%	0.005
S16	5	270	2		0.003		0.003
S16	5	271	3		0.005		0.005
S16	5	272	3		0.006		0.007

S16	5	273	3		0.022		0.023
S16	5	274	3		0.047		0.053
S16	5	275	3	0.045	0.045	100.00%	0.045
S16	5	276	3	0.007	0.008	114.29%	0.007
S16	5	277	3		0.027		0.029
S16	5	278	2	0.010	0.008	80.00%	0.010
S16	5	279	1		0.003		0.003
S16	5	289	3		0.008		0.009
S16	5	290	3		0.004		0.004
S16	5	291	3		0.003		0.003
S16	5	292	3		0.008		0.009
S16	5	293	3		0.004		0.004
S16	5	294	3		0.009		0.010
S16	5	295	3		0.008		0.009
S16	5	296	3		0.007		0.008
S16	5	297	3	0.018	0.016	88.89%	0.018
S16	5	298	3		0.010		0.011
S16	5	299	2	0.007	0.006	85.71%	0.007
S16	5	311	2		0.002		0.002
S16	5	312	3		0.003		0.003
S16	5	313	3	0.003	0.003	100.00%	0.003
S16	5	314	3		0.007		0.008
S16	5	315	3		0.008		0.009
S16	5	316	3		0.012		0.013
S16	5	317	3		0.011		0.012
S16	5	318	2		0.004		0.004
S16	5	319	3		0.005		0.005
S16	5	333	2	0.008	0.004	50.00%	0.008
S16	5	334	3		0.006		0.007
S16	5	335	3		0.003		0.003
S16	5	336	3		0.004		0.004
S16	5	337	3		0.005		0.005
S16	5	338	3		0.012		0.013
S16	5	339	3		0.010		0.011
S16	5	355	2	0.001	0.002	200.00%	0.001
S16	5	356	3		0.003		0.003
S16	5	357	3		0.012		0.013
S16	5	358	3		0.005		0.005
S16	5	359	3		0.010		0.011
S16	5	377	3		0.006		0.007
S16	5	378	3		0.003		0.003
S16	5	379	3		0.006		0.007
S16	5	399	3		0.006		0.007
			MEAN	0.014	0.010	89.82%	0.011

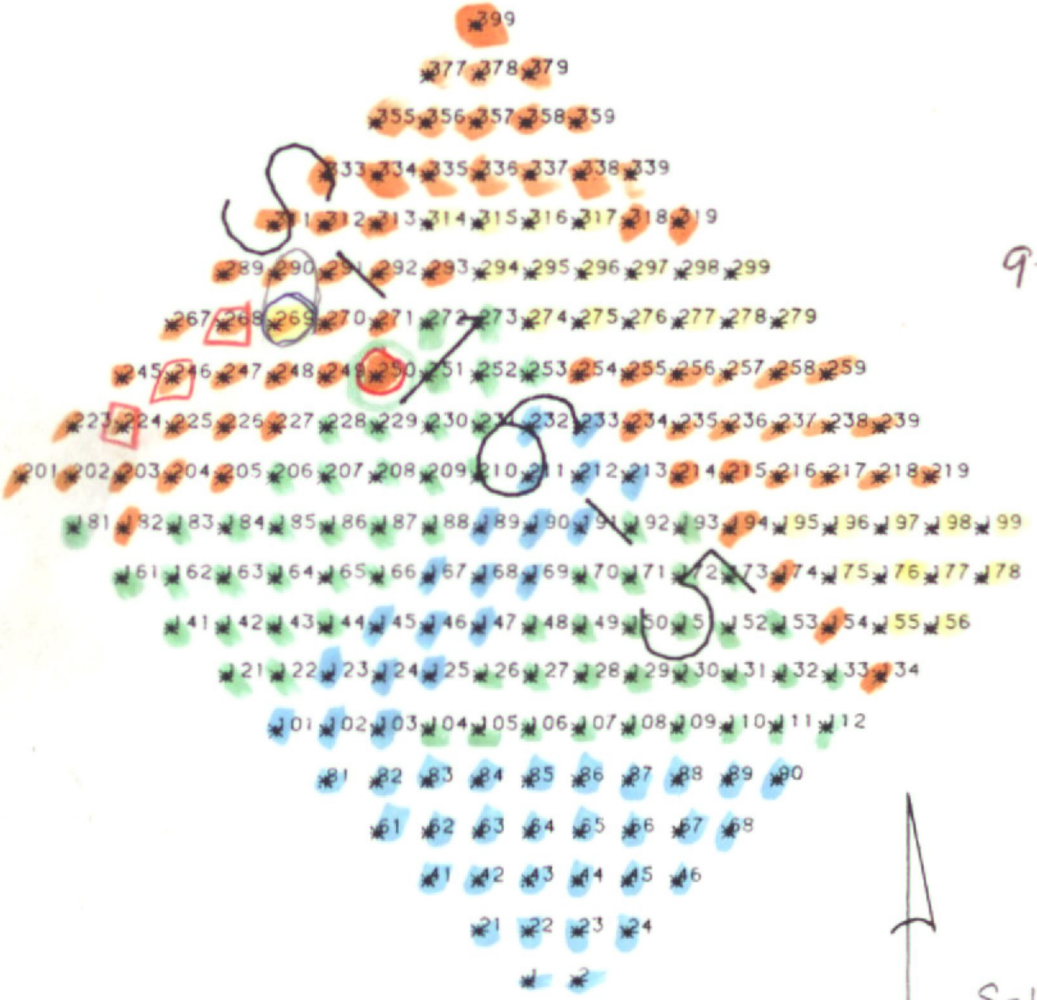
BENCH NO	SHOT NO	BLASTHOLE NO	ORE TYPE	FIRE AU	AA AU	AA/FIRE	AA/RAT
S16	6	1	3	0.015	0.014	93.33%	0.015
S16	6	2	3		0.006		0.007
S16	6	21	3		0.012		0.013
S16	6	22	3	0.018	0.017	94.44%	0.018
S16	6	23	3		0.018		0.019
S16	6	24	3		0.011		0.012
S16	6	41	3		0.019		0.020


S-16-5
S-16-5
13'x13' PATTERN

9-6-90 50

9-7-90 63

9-10-90 69



S-16-5

13'x13' PATTERN

BROHM MINING CORPORATION
BLAST HOLE ORE TYPE

PATTERN 5-16-5 DATE 9-13-90

NO.	SULF.	MIX	OXIDE	NO.	SULF.	MIX	OXIDE	NO.	SULF.	MIX	OXIDE	NO.	SULF	MIX	OXIDE
1			X	106			X	161			X	201			X
2			X	107			X	162			X	202			X
				108			X	163			X	203			X
21			X	109			X	164			X	204			X
22			X	110			X	165			X	205			X
23			X	111			X	166			X	206			X
24			X	112			X	167			X	207			X
								168			X	208			X
41			X	121			X	169			X	209			X
42			X	122			X	170			X	210			X
43			X	123			X	171			X	211		X	
44			X	124			X	172			X	212			X
45			X	125			X	173			X	213			X
46			X	126			X	174			X	214			X
				127			X	175			X	215			X
61			X	128			X	176			X	216			X
62			X	129			X	177		X		217		X	
63			X	130			X	178		X		218	X		
64			X	131			X					219	X		
65			X	132			X	181							
66			X	133			X	182			X	223			X
67			X	134			X	183			X	224			X
68			X					184			X	225			X
				141			X	185			X	226			X
81			X	142			X	186			X	227			X
82			X	143			X	187			X	228			X
83			X	144			X	188			X	229			X
84			X	145			X	189			X	230			X
85			X	146			X	190			X	231			X
86			X	147			X	191			X	232			X
87			X	148			X	192			X	233			X
88			X	149			X	193			X	234		X	
89			X	150			X	194			X	235			X
90			X	151			X	195			X	236			X
				152			X	196		X		237			X
101			X	153			X	197		X		238	X		
102			X	154			X	198		X		239	X		
103			X	155			X	199		X					
104			X	156		X									
105			X												

BROHM MINING CORPORATION
BLAST HOLE ORE TYPE

PATTERN 5-16-5 DATE 9-13-90

NO.	SULF.	MIX	OXIDE	NO.	SULF.	MIX	OXIDE	NO.	SULF.	MIX	OXIDE	NO.	SULF	MIX	OXIDE
245			X	299		X									
246			X												
247			X	311		X									
248			X	312			X								
249			X	313			X								
250			X	314			X								
251			X	315			X								
252			X	316			X								
253			X	317			X								
254			X	318		X									
255			X	319			X								
256			X												
257			X	333		X									
258	X			334			X								
259	X			335			X								
				336			X								
267			X	337			X								
268			X	338			X								
269		X		339			X								
270		X													
271			X	355		X									
272			X	356			X								
273			X	357			X								
274			X	358			X								
275			X	359			X								
276			X												
277			X	377			X								
278		X		378			X								
279	X			379			X								
289				399			X								
290			X												
291			X												
292			X												
293			X												
294			X												
295			X												
296			X												
297			X												
298			X												

Gilt Edge Project

①2

Pit-Bench-Pattern #
5-16.5

Submittal Date
9/6/90

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

DATE: 9/7/90

NAME: CA/MW

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.				25.	Standard ✓		.016
2.				26.	61		.027
3.				27.	62		.024
4.				28.	63		.012
5.				29.	64		.007
6.				30.	65		.014
7.				31.	66		.009
8.	Standard ✓			32.	67		.012
9.				33.			
10.				34.			
11.	01	.019	.017	35.	68		.008
12.	02		.009	36.	81	.027	.026
13.	21	.028	.025	37.	82		.021
14.	22	.011	.009	38.	83		.016
15.	23		.008	39.	84		.013
16.				40.	85		.018
17.				41.	86		.006
18.	24		.017	42.	Standard ✓		.014
19.	41	.050	.048	43.	87		.006
20.	42		.022	44.	88		.004
21.	43		.023	45.	89		.005
22.	44	.013	.011	46.	90		.005
23.	45	.013	.011	47.	101	.019	.018
24.	46		.005	48.	102		.045

Standard ✓ .014

+ LD
✓ BM
9-21-90