5440 (15) Bench Assays

Sunday

1935970 - R8 SEMS

S-15-1

5440 (13) B

Sunday

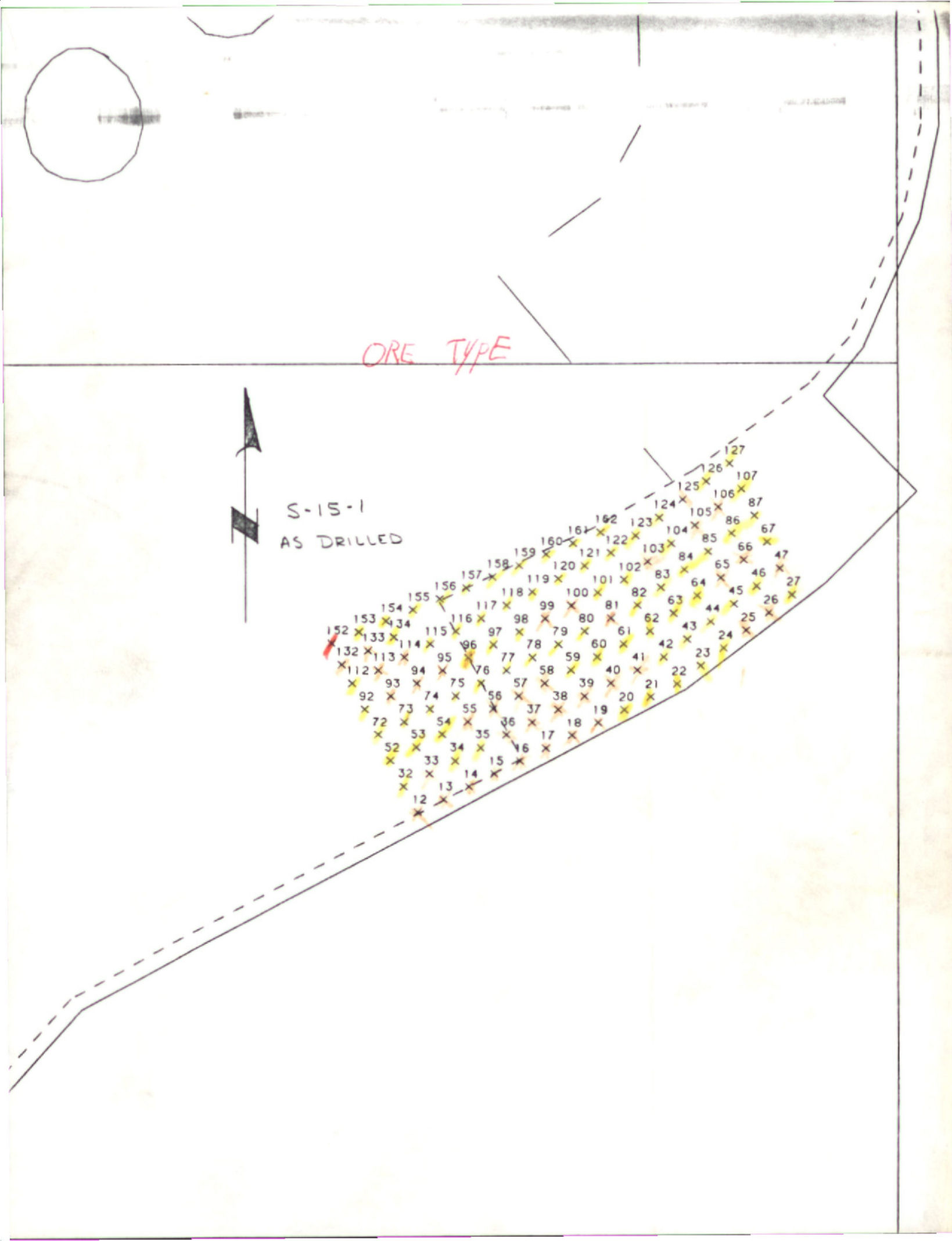
OK-12-21-90

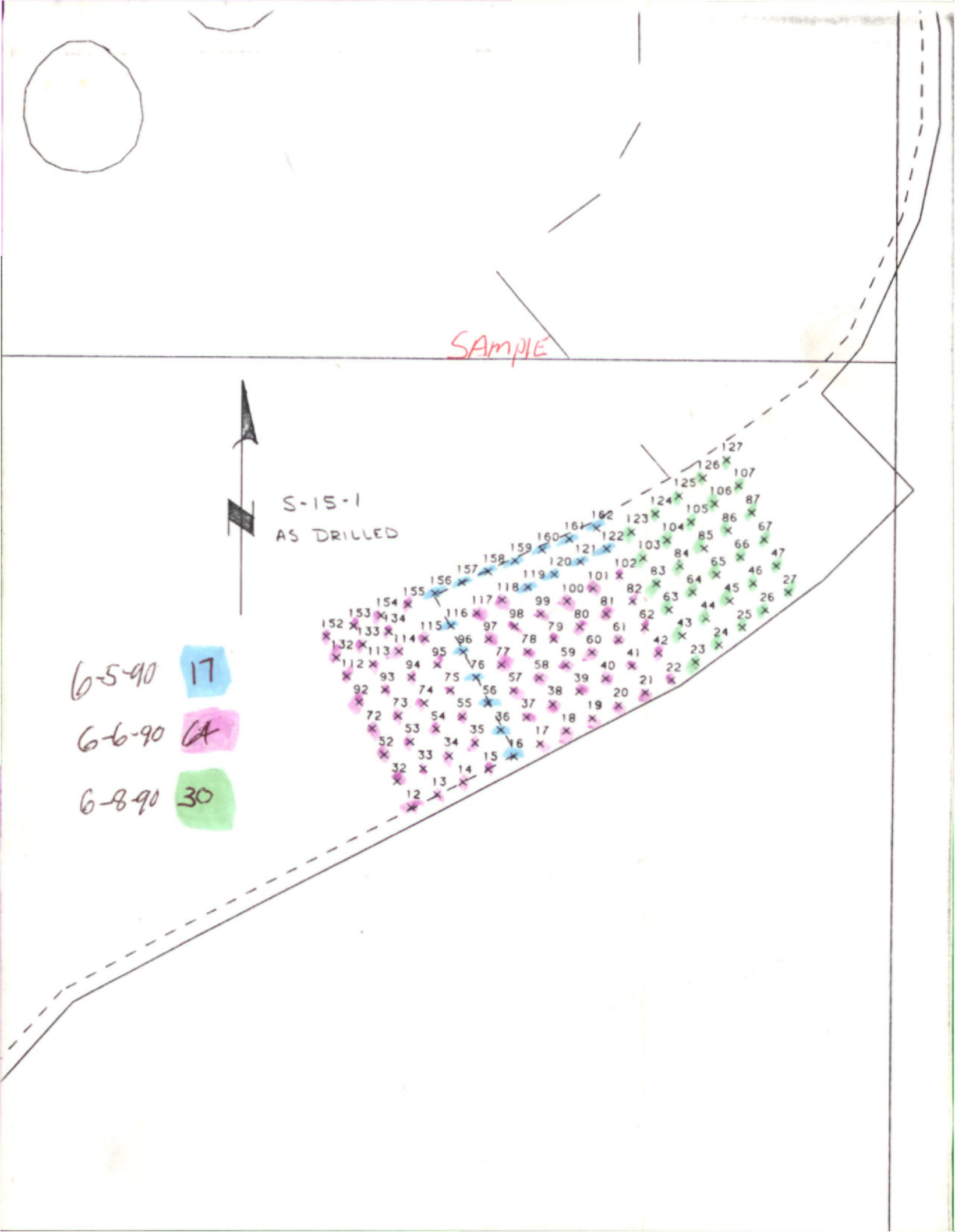
BENCH NO	SHOT NO	BLASTHOLE NO	ORE TYPE	FIRE AU	AA AU	AA/FIRE	AA/RAT
S15	1	12	1	2	0.002	ERR	
S15	1	13	2		0.010	ERR	
S15	1	14	2		0.014	ERR	
S15	1	15	2		0.020	ERR	
S15	1	16	2		0.016	ERR	
S15	1	17	2		0.004	ERR	
S15	1	18	2		0.004	ERR	
S15	1	19	2		0.004	ERR	
S15	1	20	1		0.003	ERR	
S15	1	21	1		0.004	ERR	
S15	1	22	1		0.006	ERR	
S15	1	23	1		0.009	ERR	
S15	1	24	1		0.007	ERR	
S15	1	25	2		0.005	ERR	
S15	1	26	2		0.008	ERR	
S15	1	27	1		0.012	ERR	
S15	1	32	1		0.000	ERR	
S15	1	33	2		0.007	ERR	
S15	1	34	1		0.001	ERR	
S15	1	35	2	1	0.004	ERR	
S15	1	36	1	2	0.006	ERR	
S15	1	37	2		0.003	ERR	
S15	1	38	2		0.006	ERR	
S15	1	39	2		0.003	ERR	
S15	1	40	2		0.003	ERR	
S15	1	41	1	2	0.004	ERR	
S15	1	42	1		0.002	ERR	
S15	1	43	1		0.004	ERR	
S15	1	44	1		0.010	ERR	
S15	1	45	1		0.011	ERR	
S15	1	46	1		0.025	ERR	
S15	1	47	2		0.007	ERR	
S15	1	52	1		0.000	ERR	
S15	1	53	1		0.001	ERR	
S15	1	54	1		0.006	ERR	
S15	1	55	2		0.007	ERR	
S15	1	56	1	2	0.013	ERR	
S15	1	57	2		0.005	ERR	
S15	1	58	2		0.004	ERR	
S15	1	59	1		0.002	ERR	
S15	1	60	1		0.002	ERR	
S15	1	61	1		0.002	ERR	
S15	1	62	1		0.004	ERR	
S15	1	63	1		0.008	ERR	
S15	1	64	1		0.008	ERR	
S15	1	65	2		0.009	ERR	
S15	1	66	2		0.016	ERR	
S15	1	67	1		0.006	ERR	
S15	1	72	1		0.000	ERR	
S15	1	73	1		0.000	ERR	
S15	1	74	1		0.001	ERR	
S15	1	75	1		0.008	ERR	
S15	1	76	1		0.011	ERR	
S15	1	77	1		0.005	ERR	

#
12 - 1 - (2)
35 - 2 - (1)
36 - 1 - (2)
41 - 2 - (1)
56 - 1 - (2)
99 - 1 - (2)
100 - 1 - (2)
104 - 2 - (1)
114 - 1 - (2)

S15	1	78	1	0.011	ERR
S15	1	79	1	0.004	ERR
S15	1	80	1	0.007	ERR
S15	1	81	2	0.010	ERR
S15	1	82	1	0.005	ERR
S15	1	83	1	0.008	ERR
S15	1	84	1	0.009	ERR
S15	1	85	1	0.006	ERR
S15	1	86	1	0.007	ERR
S15	1	87	1	0.003	ERR
S15	1	92	1	0.001	ERR
S15	1	93	2	0.003	ERR
S15	1	94	2	0.008	ERR
S15	1	95	2	0.008	ERR
S15	1	96	1	0.007	ERR
S15	1	97	1	0.003	ERR
S15	1	98	1	0.003	ERR
S15	1	99	0 2	0.005	ERR
S15	1	100	0 2	0.022	ERR
S15	1	101	1	0.010	ERR
S15	1	102	1	0.003	ERR
S15	1	103	2	0.009	ERR
S15	1	104	0 1	0.009	ERR
S15	1	105	2	0.005	ERR
S15	1	106	2	0.001	ERR
S15	1	107	1	0.002	ERR
S15	1	112	1	0.000	ERR
S15	1	113	2	0.006	ERR
S15	1	114	0 2	0.004	ERR
S15	1	115	1	0.007	ERR
S15	1	116	1	0.004	ERR
S15	1	117	1	0.003	ERR
S15	1	118	1	0.003	ERR
S15	1	119	1	0.002	ERR
S15	1	120	1	0.001	ERR
S15	1	121	1	0.004	ERR
S15	1	122	1	0.008	ERR
S15	1	123	1	0.013	ERR
S15	1	124	1	0.004	ERR
S15	1	125	2	0.013	ERR
S15	1	126	1	0.006	ERR
S15	1	127	1	0.005	ERR
S15	1	132	2	0.004	ERR
S15	1	133	2	0.013	ERR
S15	1	134	1	0.006	ERR
S15	1	152	2	0.007	ERR
S15	1	153	1	0.002	ERR
S15	1	154	1	0.003	ERR
S15	1	155	1	0.006	ERR
S15	1	156	1	0.006	ERR
S15	1	157	1	0.004	ERR
S15	1	158	1	0.004	ERR
S15	1	159	1	0.006	ERR
S15	1	160	1	0.004	ERR
S15	1	161	1	0.005	ERR
S15	1	162	1	0.006	ERR

MEAN	ERR	0.006	ERR	ERR


ORE TYPE
S-15-1
AS DRILLED


SAMPLE
S-15-1
AS DRILLED
6-5-90 17
6-6-90 14
6-8-90 30

BROHM MINING CORPORATION
BLAST HOLE ORE TYPE

PATTERN S-15-1

DATE 6-8-90

NO.	SULF.	MIX	OXIDE
11			
12		X	
13		X	
14		X	
15		X	
16		X	
17		X	
18		X	
19		X	
20	X		
21	X		
22	X		
23	X		
24	X		
25		X	
26		X	
~~3~~ 127	X		
32	X		
33		X	
34	X		
35		X	
36	X		
37		X	
38		X	
39		X	
40		X	
41	X		
42	X		
43	X		
44	X		
45	X		
46	X		
~~5~~ 47		X	
52	X		
53	X		
54	X		
55		X	
56	X		

NO.	SULF.	MIX	OXIDE
57		X	
58		X	
59	X		
60	X		
61	X		
62	X		
63	X		
64	X		
65		X	
66		X	
~~7~~ 67	X		
72	X		
73	X		
74	X		
75	X		
76	X		
77	X		
78	X		
79	X		
80	X		
81		X	
82	X		
83	X		
84	X		
85	X		
86	X		
~~8~~ 87			
92	X		
93		X	
94		X	
95		X	
96	X		
97	X		
98	X		
99	X		
100	X		
101	X		
102	X		
103		X	
104		X	

NO.	SULF.	MIX	OXIDE
105		X	
106		X	
107	X		
111			
112	X		
113		X	
114	X		
115	X		
116	X		
117	X		
118	X		
119	X		
120	X		
121	X		
122	X		
123	X		
124	X		
125		X	
126	X		
~~12~~ 127	X		
132		X	
133		X	
134	X		
135			
136			
137			
138			
139			
140			
141			
142			
151			
152			X
153	X		X
154	X		X
155	X		X

NO.	SULF.	MIX	OXIDE
156	X		
157	X		
158	X		
159	X		
160	X		
161	X		
162	X		

BROWN MINING CONSULTANTS
Gilt Edge Project

① A

Pit-Bench-Pattern #
S-15-1

Submittal Date
6-6-90 2 PM

-5drops flocculant

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

DATE: 6-7-90

NAME: Chad G

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	12	.008	.002	25.	Standard ✓		.015
2.	13		.010	26.	52-1		.000
3.	14		.014	27.	52-2		.000
4.	15	.022	.020	28.	53		.001
5.	17		.004	29.	54	.010	.006
6.	18		.004	30.	55		.007
7.	19		.004	31.	57		.005
8.	Standard ✓		.014	32.	58		.004
9.	20		.003	33.			
10.	21		.004	34.			
11.	22		.006	35.	59		.002
12.	32		.000	36.	60		.002
13.	33	.010	.007	37.	61		.002
14.	34		.001	38.	62		.004
15.	35		.004	39.	72		.000
16.				40.	73		N.1
17.				41.	74	.007	.001
18.	✓6		.032	42.	Standard ✓		.015
19.	37		.003	43.	75		.008
20.	38		.006	44.	77		.005
21.	39		.003	45.	78	.011	.011
22.	40		.003	46.	79		.004
23.	41		.004	47.	80		.007
24.	42		.002	48.			

LD

Gilt Edge Project

3

Pit-Bench-Pattern #
5-15-1

Submittal Date
6-5-90 1:30PM

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

DATE: 6-6-90

NAME: Chad G

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	16	.017	.016	25.	Standard ✓		
2.	36		.006	26.			
3.	56		.013	27.			
4.	76		.011	28.			
5.	96		.007	29.			
6.	116		.004	30.			
7.	119		.002	31.			
8.	Standard ✓		.014	32.			
9.	120		.001	33.			
10.	121		.004	34.			
11.	122-1	.010	.008	35.			
12.	122-2		.008	36.			
13.	16		.026	37.			
14.	156	.008	.006	38.			
15.	157		.004	39.			
16.				40.			
17.				41.			
18.	158		.004	42.	Standard ✓		
19.	159		.006	43.			
20.	160		.004	44.			
21.	161		.005	45.			
22.	162		.006	46.			
23.				47.			
24.				48.			

LD

Gilt Edge Project

Pit-Bench-Pattern #
5-15-1

Submittal Date
6-8-90 10:50 AM

BLAST HOLE

Hot NaCN Shake and FIRE DETERMINATIONS

DATE: 6-12-90

NAME: Chad A vo

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	23	.015	.009	25.	Standard ✓		.015
2.	24		.007	26.	103-1	.010	.008
3.	25		.005	27.	103-2		.009
4.	26		.008	28.	104		.009
5.	27		.012	29.	105		.005
6.	43		.004	30.	106		.001
7.	44		.010	31.	107	.003	.002
8.	Standard ✓		.014	32.	123		.013
9.	45		.011	33.			
10.	46		.025	34.			
11.	47		.007	35.	124		.004
12.	63	.008	.008	36.	125		.013
13.	64		.008	37.	126		.006
14.	65		.009	38.	127		.005
15.	66		.016	39.		std ✓	.015
16.				40.			
17.				41.			
18.	✓6		.027	42.	Standard ✓		
19.	67		.006	43.			
20.	83		.008	44.			
21.	84		.009	45.			
22.	85		.006	46.			
23.	86		.007	47.			
24.	87		.003	48.			

RLD

Brown Mining Consultants
Gilt Edge Project

Pit-Bench-Pattern #
5-15-1

Submittal Date
6-6-90 PM

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

DATE: 6-7-90

NAME: Chad a

(2)

5 drops floc. Added

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	81	.012	.010	25.	Standard ✓		.015
2.	82		.005	26.	134-1	.009	.006
3.	92		.001	27.	134-2		.006
4.	93		.003	28.	152		.007
5.	94	.011	.008	29.	153		.002
6.	95		.008	30.	154		.003
* 7.	97		.003	31.	155	.023	.006
8.	Standard ✓		.015	32.			
* 9.	98		.003	33.			
10.	99		.005	34.			
11.	100	.031	.022	35.			
12.	101	.009	.010	36.			
13.	102		.003	37.			
14.	112		.000	38.			
15.	113		.006	39.			
16.				40.			
17.				41.			
18.	116		.028	42.	Standard ✓		
19.	114		.004	43.			
20.	115		.007	44.			
21.	117		.003	45.			
22.	118		.003	46.			
23.	132		.004	47.			
24.	133	.012	.013	48.			

LD

Gilt Edge Project

① A

Pit-Bench-Pattern #
S-15-1

Submittal Date
6-6-90 2 PM

.5 chips flocculant

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

DATE: 6-7-90

NAME: Chad A

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	12		.002	25.	Standard ✓		.015
2.	13		.010	26.	52-1		.000
3.	14		.014	27.	52-2		.000
4.	15		.020	28.	53		.001
5.	17		.004	29.	54		.006
6.	18		.004	30.	55		.007
7.	19		.004	31.	57		.005
8.	[illegible]	[illegible]ard ✓	.014	32.	58		.004
9.	[illegible]		.003	33.	[redacted]		
10.	21		.004	34.			
[illegible]	22		.006	35.	59		.002
12.	32		.000	36.	60		.002
[illegible]	33		.007	37.	61		.002
14.	34		.001	38.	62		.004
15.	35		.004	39.	72		.000
16.	[redacted]			40.	73		Nil
17.				41.	74		.001
18.	✓6		.032	42.	Standard ✓		.015
19.	37		.003	43.	75		.008
20.	38		.006	44.	77		.005
21.	39		.003	45.	78		.011
22.	40		.003	46.	79		.004
23.	41		.004	47.	80		.007
24.	42		.002	48.			

Gilt Edge Project

Pit-Bench-Pattern #
S-15-1

Submittal Date
6-5-90 1:30PM

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

3

DATE: 6-6-90

NAME: Chad G

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	16		.016	25.	Standard ✓		
2.	36		.006	26.			
3.	56		.013	27.			
4.	76		.011	28.			
5.	96		.007	29.			
6.	116		.004	30.			
7.	119		.002	31.			
8.		ard ✓	.014	32.			
			.001	33.	[redacted]		
10.	121		.004	34.			
	22-1		.008	35.			
	22-2		.008	36.			
	✓6		.026	37.			
14.	156		.006	38.			
15.	157		.004	39.			
16.	[redacted]			40.			
17.				41.			
18.	158		.004	42.	Standard ✓		
19.	159		.006	43.			
20.	160		.004	44.			
21.	161		.005	45.			
22.	162		.006	46.			
23.				47.			
24.				48.			

Gilt Edge Project

Pit-Bench-Pattern #
5-15-1

Submittal Date
6-8-90 10:50 AM

BLAST HOLE

Hot NaCN Shake and FIRE DETERMINATIONS

DATE: 6-12-90

NAME: Chad A vo

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	23		.009	25.	Standard ✓		.015
2.	24		.007	26.	103-1		.008
3.	25		.005	27.	103-2		.009
4.	26		.008	28.	104		.009
5.	27		.012	29.	105		.005
6.	43		.004	30.	106		.001
7.	44		.010	31.	107		.002
8.	Standard ✓		.014	32.	123		.013
9.	[illegible]		.011	33.			
10.	46		.025	34.			
11.	47		.007	35.	124		.004
[illegible]	63		.008	36.	125		.003
13.	64		.008	37.	126		.006
14.	65		.009	38.	127		.005
15.	66		.016	39.		std ✓	.015
16.				40.			
17.				41.			
18.	✓6		.027	42.	Standard ✓		
19.	67		.006	43.			
20.	83		.008	44.			
21.	84		.009	45.			
22.	85		.006	46.			
23.	86		.007	47.			
24.	87		.003	48.			

Gilt Edge Project

②

Pit-Bench-Pattern #
5-15-1

Submittal Date
6-6-90 PM

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

DATE: 6-7-90

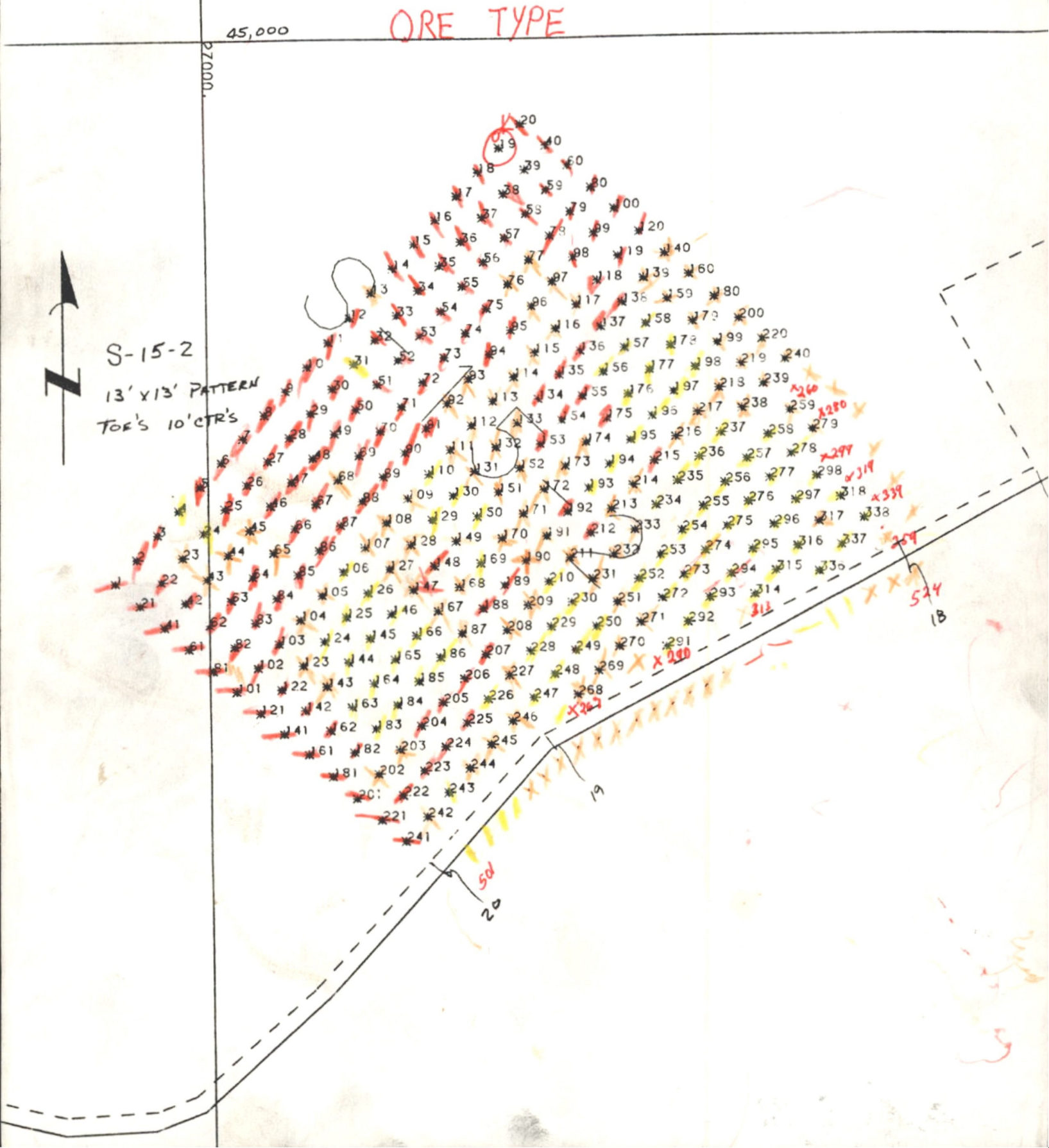
NAME: Chad a

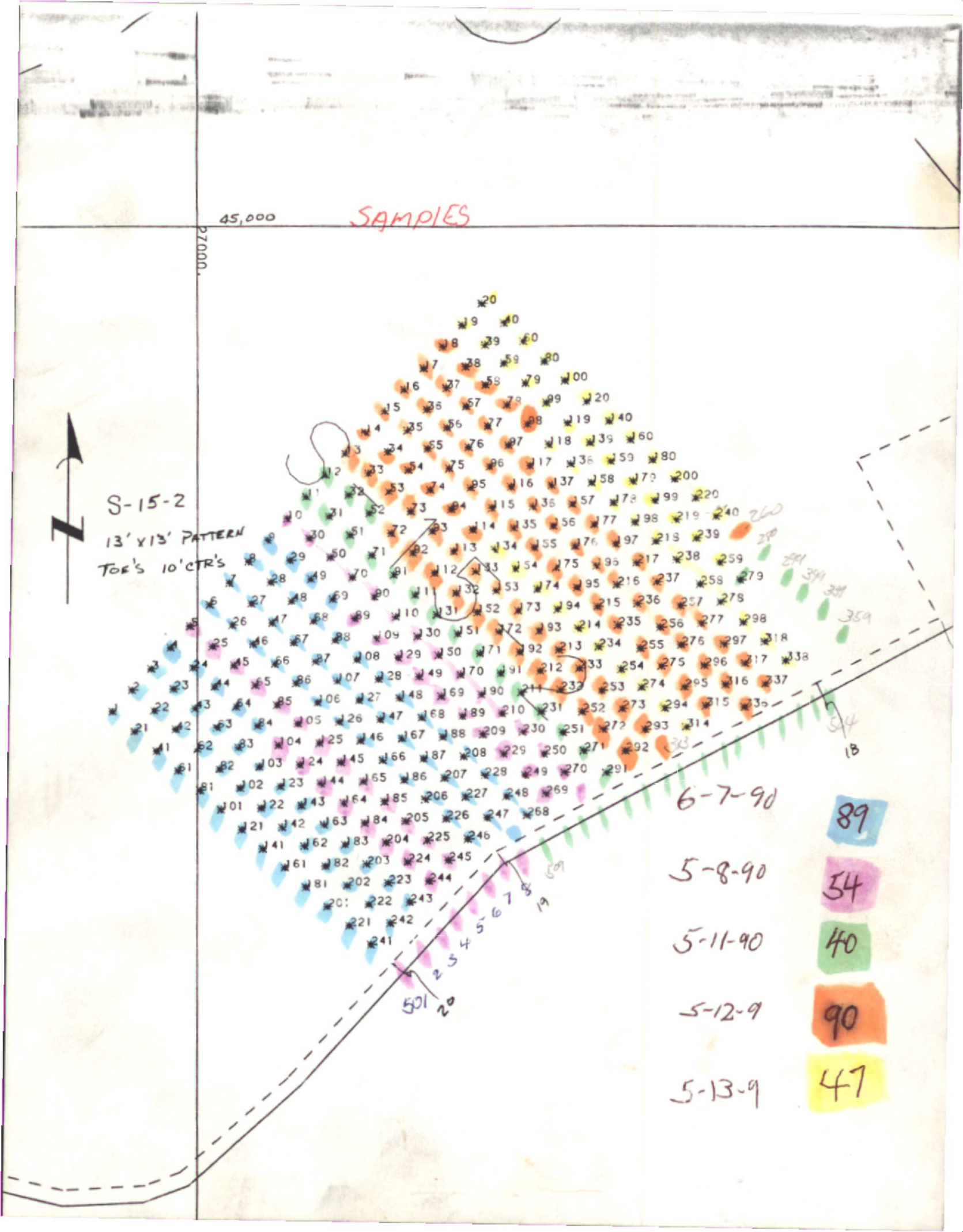
5 drops Floc. Added

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	81		.010	25.	Standard ✓		.015
2.	82		.005	26.	134-1		.006
3.	92		.001	27.	134-2		.006
4.	93		.003	28.	152		.007
5.	94		.008	29.	153		.002
6.	95		.008	30.	154		.003
* 7.	97		.003	31.	155		.006
8.	Standard ✓		.015	32.			
* 9.	98		.003	33.			
10.	99		.005	34.			
11.	100		.022	35.			
12.	101		.010	36.			
13.	102		.003	37.			
14.	112		.000	38.			
15.	113		.006	39.			
16.				40.			
17.				41.			
18.	V6		.028	42.	Standard ✓		
19.	114		.004	43.			
20.	115		.007	44.			
21.	117		.003	45.			
22.	118		.003	46.			
23.	132		.004	47.			
24.	133		.013	48.			

S-15-2

ORE TYPE




45,000
SAMPLES
27000
S-15-2
13' X 13' PATTERN
TOE'S 10' CTR'S
6-7-90
89
5-8-90
54
5-11-90
40
5-12-9
90
5-13-9
47

BROHM MINING CORPORATION

BLAST HOLE ORE TYPE

PATTERN S-15-2

DATE

NO.	SULF.	MIX	OXIDE	NO.	SULF.	MIX	OXIDE	NO.	SULF.	MIX	OXIDE	NO.	SULF	MIX	OXIDE
1			X	40			X	78			X	116		X	
2			X					79			X	117		X	
3			X	41			X	80			X	118			X
4	X			42			X					119			X
5			X	43		X		81			X	120			X
6			X	44		X		82			X				
7			X	45		X		83			X	121			X
8			X	46			X	84			X	122			X
9			X	47			X	85			X	123		X	
10			X	48			X	86			X	124	X		
11			X	49			X	87			X	125	X		
12			X	50			X	88			X	126	X		
13		X		51			X	89			X	127		X	
14			X	52			X	90			X	128		X	
15			X	53			X	91			X	129	X		
16			X	54			X	92		X		130	X		
17			X	55			X	93		X		131		X	
18			X	56			X	94			X	132		X	
19			X	57			X	95			X	133		X	
20			X	58			X	96		X	X?	134			X
				59			X	97		X	X?	135			X
21			X	60			X	98			X	136			X
22			X					99			X	137			X
23		X		61			X	100			X	138			X
24	X			62			X					139		X	
25			X	63			X	101			X	140		X	
26			X	64			X	102			X				
27			X	65		X		103			X	141			X
28			X	66			X	104		X		142			X
29			X	67			X	105		X		143		X	
30			X	68		X		106	X			144	X		
31	X			69			X	107		X		145	X		
32			X	70			X	108		X		146	X		
33			X	71			X	109		X		147		X	
34			X	72			X	110	X			148			X
35			X	73			X	111		X		149		X	
36			X	74			X	112		X		150	X		
37			X	75			X	113		X		151		X	
38			X	76		X		114		X		152		X	
39			X	77		X		115		X		153			X

BROLIN MINING CORPORATION

BLAST HOLE ORE TYPE

PATTERN S-15-2

DATE

NO.	SULF.	MIX	OXIDE	NO.	SULF.	MIX	OXIDE	NO.	SULF.	MIX	OXIDE	NO.	SULF	MIX	OXIDE
154			X	192			X	230	X			273	X		
155			X	193	X			231		X		274	X		
156	X		X	194	X			232		X		275	X		
157	X			195	X			233		X		276	X		
158	X			196	X			234	X			277	X		
159		X		197	X			235	X			278	X		
160		X		198	X			236	X			279		X	
				199		X		237	X			280		X	
161			X	200		X		238		X					
162			X					239		X					
163	X			201			X	240		X		290		X	
164	X			202		X						291	X		
165	X			203		X		241			X	292	X		
166	X			204			X	242		X		293	X		
167		X		205			X	243	X			294	X		
168		X		206			X	244		X		295	X		
169	X			207			X	245		X		296	X		
170		X		208		X		246		X		297	X		
171		X		209		X		247	X			298	X		
172		X		210	X			248	X			299	X		
173		X		211		X		249	X			300			
174		X		212			X	250	X						
175			X	213		X		251		X		313		X	
176	X			214		X		252	X			314	X		
177	X			215			X	253	X			315	X		
178	X			216		X		254	X			316	X		
179		X		217		X		255	X			317		X	
180		X		218		X		256	X			318	X		
				219		X		257	X			319	X		
181			X	220		X		258	X			320			
182			X					259		X					
183	X			221			X	260		X					
184	X			222			X					336	X		
185	X			223			X					337	X		
186	X			224			X	267	X			338	X		
187		X		225			X	268		X		339	X		
188			X	226	X			269		X		340			
189			X	227		X		270		X					
190		X		228	X			271		X		359		X	
191		X		229	X			272	X			358		X	

BROHM MINING CORPORATION

BLAST HOLE ORE TYPE

PATTERN 5-15-2

DATE

NO.	SULF.	MIX	OXIDE	NO.	SULF.	MIX	OXIDE	NO.	SULF.	MIX	OXIDE	NO.	SULF	MIX	OXIDE
501	X														
502	X														
503	X														
504	X														
505		X													
506		X													
507		X													
508		X													
509		X													
510		X													
511		X													
512		X													
513		X													
514		X													
515		X													
516		X													
517			X												
518			X												
519	X														
520	X														
521	X														
522		X													
523		X													
524		X													