D-16-1

1932600 - R8 SEMS

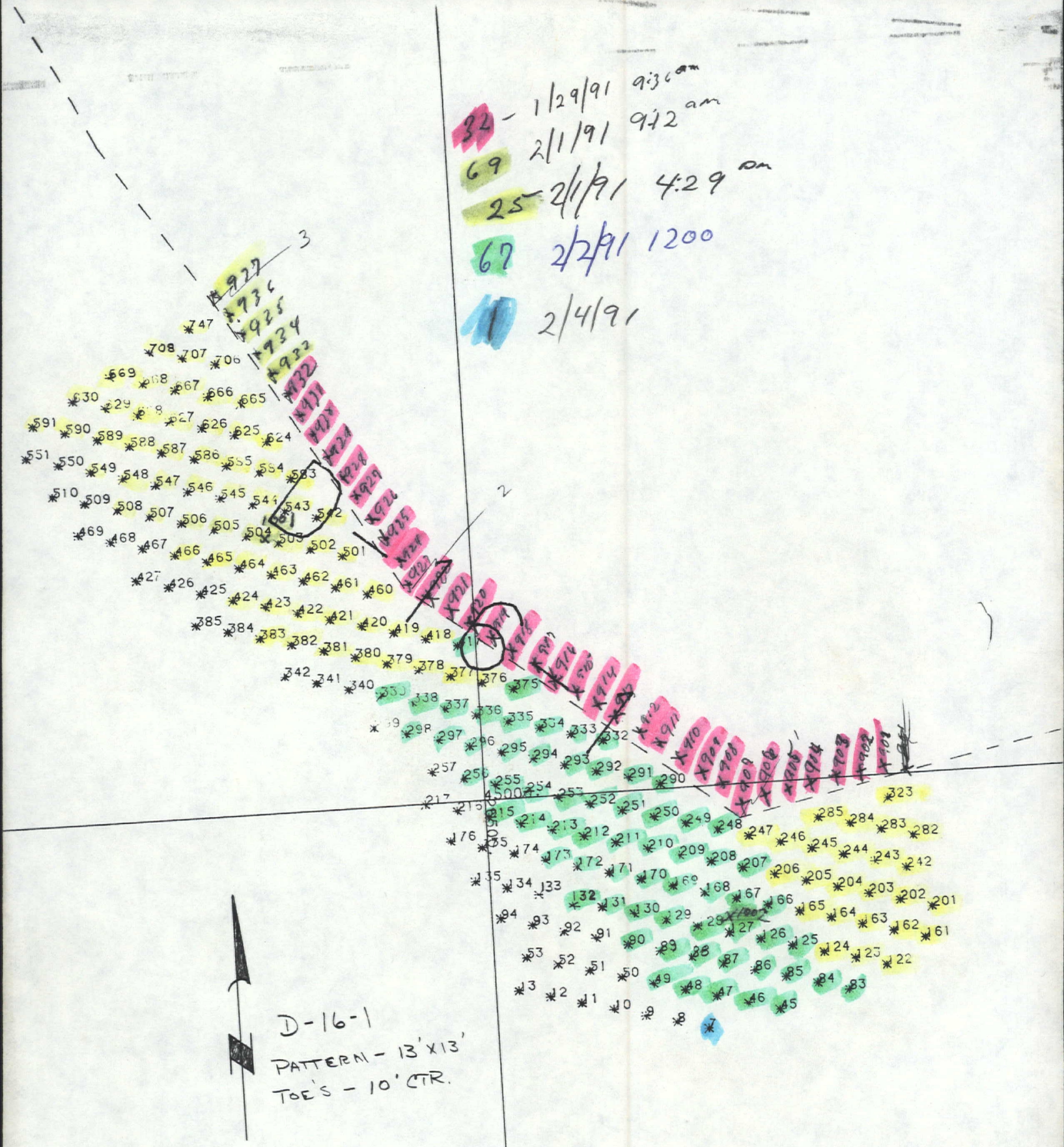
CHECKED & EDITTED
2/11/91

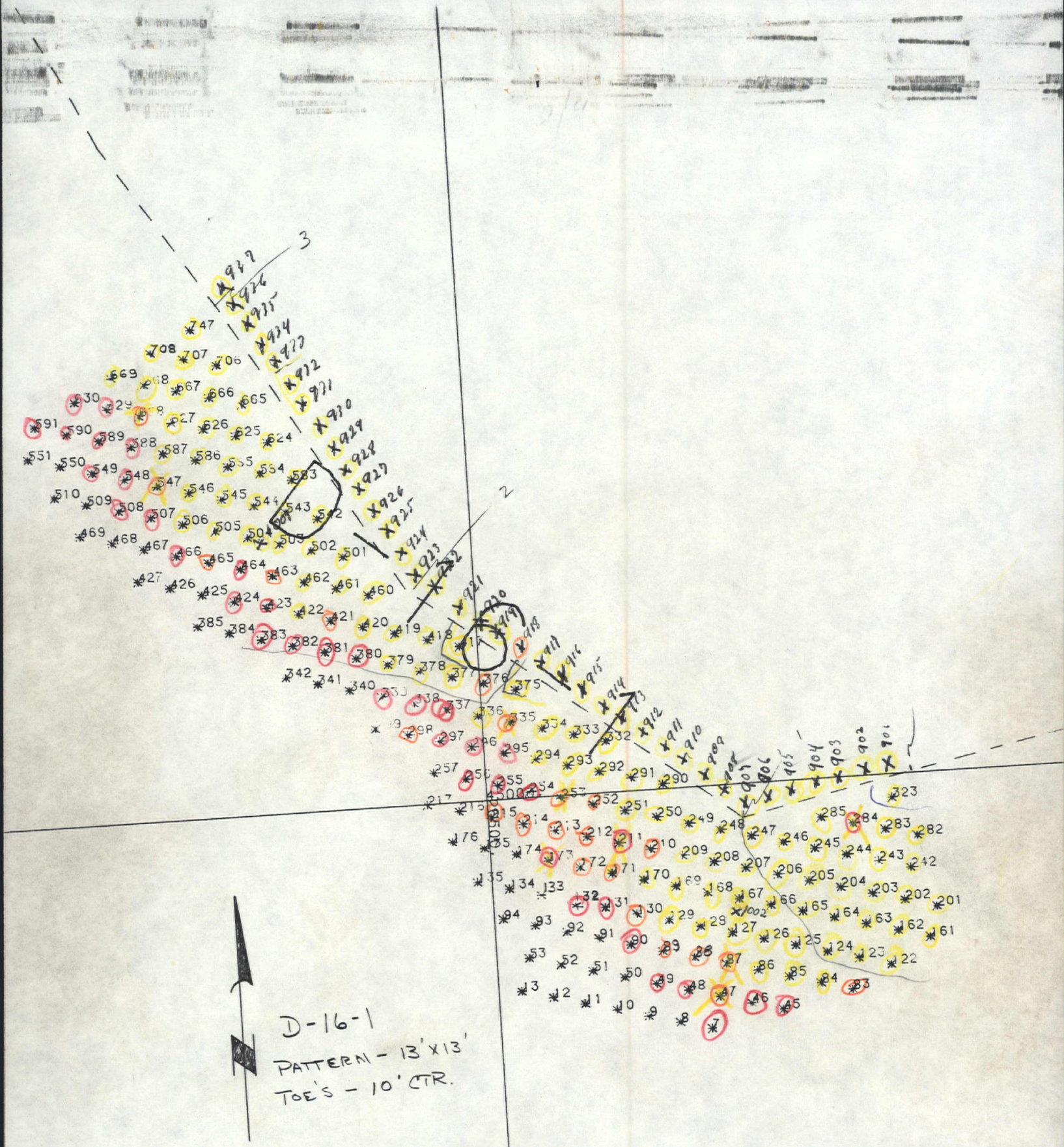
BENCH NO	SHOT NO	BLASTHOLE NO	ORE TYPE	FIRE AU	AA AU	AA/FIRE	AA/RAT.
D16	1	7	3		0.017		0.018
D16	1	45	3	0.031	0.025	80.65%	0.031
D16	1	46	3		0.019		0.020
D16	1	47	2	0.015	0.016	106.67%	0.015
D16	1	48	3		0.024		0.026
D16	1	49	3		0.037		0.042
D16	1	83	2		0.007		0.008
D16	1	84	1		0.003		0.003
D16	1	85	1	0.008	0.003	37.50%	0.008
D16	1	86	1		0.007		0.008
D16	1	87	2	0.014	0.011	78.57%	0.014
D16	1	88	2	0.087	0.096	110.34%	0.087
D16	1	89	2	0.039	0.042	107.69%	0.039
D16	1	90	3	0.019	0.018	94.74%	0.019
D16	1	122	1	0.007	0.003	42.86%	0.007
D16	1	123	1		0.003		0.003
D16	1	124	1		0.006		0.007
D16	1	125	1		0.009		0.010
D16	1	126	1	0.010	0.013	130.00%	0.010
D16	1	127	1		0.004		0.004
D16	1	128	1	0.006	0.005	83.33%	0.006
D16	1	129	1	0.030	0.025	83.33%	0.030
D16	1	130	2		0.009		0.010
D16	1	131	3		0.024		0.026
D16	1	132	3	0.027	0.026	96.30%	0.027
D16	1	161	1		0.006		0.007
D16	1	162	1		0.008		0.009
D16	1	163	1	0.008	0.012	150.00%	0.008
D16	1	164	1		0.007		0.008
D16	1	165	1		0.007		0.008
D16	1	166	1	0.017	0.016	94.12%	0.017
D16	1	167	1	0.021	0.019	90.48%	0.021
D16	1	168	1		0.009		0.010
D16	1	169	1	0.009	0.004	44.44%	0.009
D16	1	170	1		0.009		0.010
D16	1	171	2	0.024	0.022	91.67%	0.024
D16	1	172	2	0.034	0.035	102.94%	0.034
D16	1	173	3		0.031		0.035
D16	1	201	1	0.011	0.009	81.82%	0.011
D16	1	202	1		0.006		0.007
D16	1	203	1	0.010	0.010	100.00%	0.010
D16	1	204	1	0.015	0.015	100.00%	0.015
D16	1	205	1	0.023	0.017	73.91%	0.023
D16	1	206	1	0.012	0.012	100.00%	0.012
D16	1	207	1	0.012	0.014	116.67%	0.012
D16	1	208	1	0.008	0.015	187.50%	0.008
D16	1	209	1	0.019	0.018	94.74%	0.019
D16	1	210	2	0.248	0.252	101.61%	0.248
D16	1	211	3	0.020	0.027	135.00%	0.020
D16	1	212	2	0.083	0.086	103.61%	0.083
D16	1	213	2	0.038	0.031	81.58%	0.038
D16	1	214	2	0.021	0.023	109.52%	0.021
D16	1	215	2	0.028	0.031	110.71%	0.028
D16	1	242	1		0.009		0.010

D16	1	243	1	0.020	0.013	65.00%	0.020
D16	1	244	1	0.137	0.063	45.99%	0.137
D16	1	245	1	0.016	0.013	81.25%	0.016
D16	1	246	1	0.025	0.019	76.00%	0.025
D16	1	247	1	0.016	0.014	87.50%	0.016
D16	1	248	1	0.014	0.014	100.00%	0.014
D16	1	249	1	0.054	0.049	90.74%	0.054
D16	1	250	1	0.041	0.023	56.10%	0.041
D16	1	251	1	0.031	0.031	100.00%	0.031
D16	1	252	2	0.024	0.025	104.17%	0.024
D16	1	253	2	0.056	0.054	96.43%	0.056
D16	1	254	3		0.016		0.017
D16	1	255	3	0.029	0.021	72.41%	0.029
D16	1	256	3		0.018		0.019
D16	1	282	1	0.011	0.012	109.09%	0.011
D16	1	283	1		0.003		0.003
D16	1	284	3	0.061	0.027	44.26%	0.061
D16	1	285	1		0.008		0.009
D16	1	290	1	0.031	0.025	80.65%	0.031
D16	1	291	1	0.046	0.056	121.74%	0.046
D16	1	292	1	0.038	0.035	92.11%	0.038
D16	1	293	1	0.033	0.027	81.82%	0.033
D16	1	294	1	0.020	0.020	100.00%	0.020
D16	1	295	3		0.017		0.018
D16	1	296	3	0.021	0.021	100.00%	0.021
D16	1	297	3		0.030		0.034
D16	1	298	2	0.042	0.027	64.29%	0.042
D16	1	323	1	0.016	0.007	43.75%	0.016
D16	1	332	1	0.017	0.023	135.29%	0.017
D16	1	333	1	0.019	0.018	94.74%	0.019
D16	1	334	1	0.017	0.015	88.24%	0.017
D16	1	335	2	0.024	0.017	70.83%	0.024
D16	1	336	1	0.070	0.060	85.71%	0.070
D16	1	337	3		0.030		0.034
D16	1	338	3	0.030	0.020	66.67%	0.030
D16	1	339	3		0.014		0.015
D16	1	375	1	0.039	0.040	102.56%	0.039
D16	1	376	2	0.104	0.103	99.04%	0.104
D16	1	377	1	0.055	0.054	98.18%	0.055
D16	1	378	1	0.011	0.016	145.45%	0.011
D16	1	379	1	0.014	0.013	92.86%	0.014
D16	1	380	3		0.010		0.011
D16	1	381	3		0.019		0.020
D16	1	382	3	0.015	0.018	120.00%	0.015
D16	1	383	3		0.014		0.015
D16	1	417	1	0.006	0.007	116.67%	0.006
D16	1	418	1	0.025	0.022	88.00%	0.025
D16	1	419	1	0.013	0.015	115.38%	0.013
D16	1	420	1	0.008	0.010	125.00%	0.008
D16	1	421	2	0.011	0.010	90.91%	0.011
D16	1	422	1	0.020	0.018	90.00%	0.020
D16	1	423	3	0.011	0.010	90.91%	0.011
D16	1	424	3		0.014		0.015
D16	1	460	1	0.014	0.009	64.29%	0.014
D16	1	461	1	0.010	0.007	70.00%	0.010
D16	1	462	1	0.015	0.011	73.33%	0.015

D16	1	463	2	0.020	0.017	85.00%	0.020
D16	1	464	3		0.014		0.015
D16	1	465	2	0.012	0.009	75.00%	0.012
D16	1	466	3	0.014	0.010	71.43%	0.014
D16	1	501	1	0.010	0.005	50.00%	0.010
D16	1	502	1		0.008		0.009
D16	1	503	1	0.041	0.009	21.95%	0.041
D16	1	504	1		0.008		0.009
D16	1	505	1	0.013	0.016	123.08%	0.013
D16	1	506	1	0.015	0.014	93.33%	0.015
D16	1	507	3	0.018	0.020	111.11%	0.018
D16	1	508	3		0.010		0.011
D16	1	542	1	0.013	0.008	61.54%	0.013
D16	1	543	1		0.009		0.010
D16	1	544	1	0.008	0.006	75.00%	0.008
D16	1	545	1		0.009		0.010
D16	1	546	1	0.015	0.016	106.67%	0.015
D16	1	547	2		0.008		0.009
D16	1	548	3		0.018		0.019
D16	1	549	3	0.015	0.016	106.67%	0.015
D16	1	583	1	0.012	0.008	66.67%	0.012
D16	1	584	1		0.006		0.007
D16	1	585	1	0.009	0.013	144.44%	0.009
D16	1	586	1	0.018	0.018	100.00%	0.018
D16	1	587	1		0.008		0.009
D16	1	588	3		0.015		0.016
D16	1	589	3	0.018	0.022	122.22%	0.018
D16	1	590	3		0.017		0.018
D16	1	591	3	0.088	0.074	84.09%	0.088
D16	1	624	1	0.025	0.019	76.00%	0.025
D16	1	625	1	0.033	0.029	87.88%	0.033
D16	1	626	1	0.008	0.010	125.00%	0.008
D16	1	627	1	0.007	0.008	114.29%	0.007
D16	1	628	2	0.027	0.030	111.11%	0.027
D16	1	629	3	0.015	0.018	120.00%	0.015
D16	1	630	3		0.029		0.031
D16	1	665	1	0.021	0.018	85.71%	0.021
D16	1	666	1	0.035	0.015	42.86%	0.035
D16	1	667	1	0.012	0.016	133.33%	0.012
D16	1	668	1	0.021	0.021	100.00%	0.021
D16	1	669	1	0.030	0.031	103.33%	0.030
D16	1	706	1	0.015	0.013	86.67%	0.015
D16	1	707	1	0.032	0.027	84.38%	0.032
D16	1	708	1	0.038	0.033	86.84%	0.038
D16	1	747	1	0.092	0.057	61.96%	0.092
D16	1	901	1	0.029	0.016	55.17%	0.029
D16	1	902	1	0.012	0.008	66.67%	0.012
D16	1	903	1	0.164	0.035	21.34%	0.164
D16	1	904	1	0.017	0.016	94.12%	0.017
D16	1	905	1	0.015	0.013	86.67%	0.015
D16	1	906	1	0.020	0.015	75.00%	0.020
D16	1	907	1	0.023	0.013	56.52%	0.023
D16	1	908	1	0.029	0.022	75.86%	0.029
D16	1	909	1	0.079	0.069	87.34%	0.079
D16	1	910	1	0.028	0.023	82.14%	0.028
D16	1	911	1	0.046	0.035	76.09%	0.046

D16	1	912	1	0.038	0.029	76.32%	0.038
D16	1	913	1	0.021	0.020	95.24%	0.021
D16	1	914	1	0.027	0.022	81.48%	0.027
D16	1	915	1	0.069	0.060	86.96%	0.069
D16	1	916	1	0.027	0.024	88.89%	0.027
D16	1	917	1	0.019	0.023	121.05%	0.019
D16	1	918	2	0.066	0.073	110.61%	0.066
D16	1	919	1	0.007	0.012	171.43%	0.007
D16	1	920	1	0.012	0.005	41.67%	0.012
D16	1	921	1	0.018	0.013	72.22%	0.018
D16	1	922	1	0.010	0.013	130.00%	0.010
D16	1	923	1	0.011	0.006	54.55%	0.011
D16	1	924	1	.010	0.011		0.012
D16	1	925	1		0.003		0.003
D16	1	926	1		0.005		0.005
D16	1	927	1		0.004		0.004
D16	1	928	1	0.004	0.007	175.00%	0.004
D16	1	929	1		0.004		0.004
D16	1	930	1	0.012	0.006	50.00%	0.012
D16	1	931	1		0.009		0.010
D16	1	932	1	0.020	0.015	75.00%	0.020
D16	1	933	1	0.028	0.023	82.14%	0.028
D16	1	934	1	0.024	0.013	54.17%	0.024
D16	1	935	1	0.014	0.024	171.43%	0.014
D16	1	936	1	0.012	0.014	116.67%	0.012
D16	1	937	1	0.013	0.012	92.31%	0.013
D16	1	1001	1		0.011		0.012
D16	1	1002	1	0.008	0.005	62.50%	0.008
		MEAN		0.028	0.021	91.17%	0.024


32 - 1/29/91 9:30 am
69 2/1/91 9:12 am
25 2/1/91 4:29 pm
67 2/2/91 1200
1 2/4/91
D-16-1
PATTERN - 13'X13'
TOE'S - 10' CTR.


D-16-1
PATTERN - 13'X13'
TOE'S - 10' CTR.

Pit-Bench-Pattern #
D-16-1

Submittal Date
2-1-91 9:12 Am (cont.)

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

DATE: 2-4-91

NAME:

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	583	.012	.008	25.	Standard ✓		.015
2.	584		.006	26.	706	.015	.013
3.	585	.009	.013	27.	707	.032	.027
4.	586	.018	.018	28.	708	.038	.033
5.	587		.008	29.	747	.092	.057
6.	588		.015	30.	933	.028	.023
7.	589	.018	.022	31.	934	.024	.013
8.	Standard ✓		.014	32.	935	.014	.024
9.	590		.017	33.			
10.	591	.088	.074	34.			
11.	624	.025	.019	35.	936	.012	.014
12.	625	.033	.029	36.	937-1	.013	.011
13.	626	.008	.010	37.	937-2		.012
14.	627	.007	.008	38.	✓pulp		.030
15.	628	.027	.030	39.	1001		.011
16.				40.			
17.				41.			
18.	629	.015	.018	42.	Standard ✓		
19.	630		.029	43.			
20.	665	.021	.018	44.			
21.	666	.035	.015	45.			
22.	667	.012	.016	46.			
23.	668	.021	.021	47.			
24.	669	.030	.031	48.			

LD

Pit-Bench-Pattern #
D-16-1
Submittal Date
2-1-91 9.12am

BLAST HOLE

Hot NaCN Shake and FIRE DETERMINATIONS

DATE: 2-4-91
NAME: MM

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	376	.104	.103	25.	Standard ✓		Ø14
2.	377	.055	.054	26.	464		Ø14
3.	378	.011	.016	27.	465	.012	ØØ9
4.	379	.014	Ø13	28.	466	.014	Ø1Ø
5.	380		Ø1Ø	29.	501	.010	ØØ5
6.	381		Ø19	30.	502		ØØ8
7.	382	.015	Ø18	31.	503	.041	ØØ9 Rerun
8.	Standard ✓		Ø15	32.	504		ØØ8
9.	383		Ø141	33.			
10.	pulp		Ø31	34.			
11.	418	.025	Ø22	35.	505	.013	Ø16
12.	419-1	.013	Ø13 .015	36.	506	.015	Ø14
13.	419-2		Ø17	37.	507	.018	Ø2Ø
14.	420	.008	Ø1Ø	38.	508		Ø1Ø
15.	421	.011	Ø1Ø	39.	542	.013	ØØ8
16.				40.	543		ØØ9
17.				41.	544	.008	ØØ6
18.	422	.020	Ø18	42.	Standard ✓		Ø14
19.	423	.011	Ø1Ø	43.	545		ØØ9
20.	424		Ø14	44.	546	.015	Ø16
21.	460	.014	ØØ9	45.	547		ØØ8
22.	461	.010	ØØ7	46.	548		Ø18
23.	462	.015	Ø11	47.	549	.015	Ø16
24.	463	.020	Ø17	48.			

LLD ✓

Pit-Bench-Pattern #
D-16-1

Submittal Date
1-29-91 9:37am.

BLAST HOLE

Hot NaCN Shake and FIRE DETERMINATIONS

DATE: 1-30-91

NAME: MM VD

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	901	.029	Ø16	25.	Standard ✓		Ø15
2.	902	.012	ØØ8	26.	922	.010	Ø13
3.	903	.164 ~~176~~	Ø35	27.	923-1	.011	ØØ6
4.	904	.017	Ø16	28.	923-2		ØØ6
5.	905	.015	Ø13	29.	924	.010	Ø11
6.	906	.020	Ø15	30.	925		ØØ3
7.	907	.023	Ø13	31.	926		ØØ5
8.	Standard ✓		Ø15	32.	927		ØØ4
9.	908	.029	Ø22	33.			
10.	909	.079	Ø69	34.			
11.	910	.028	Ø23	35.	928	.004	ØØ7
12.	911	.046	Ø35	36.	929		ØØ4
13.	912	.038	Ø29	37.	✓pulp		Ø32
14.	913	.021	Ø2Ø	38.	930	.012	ØØ6
15.	914	.027	Ø22	39.	931		ØØ9
16.				40.	932	.020	Ø15
17.				41.			
18.	915	.069	Ø6Ø	42.	Standard ✓		
19.	916	.027	Ø24	43.			
20.	917	.019	Ø23	44.			
21.	918	.066	Ø73	45.			
22.	919	.007	Ø12	46.			
23.	920	.012	ØØ5	47.			
24.	921	.018	Ø13	48.			

Rerun .152 fire

See Ore Type

LD

Pit-Bench-Pattern #
D-16-1

Submittal Date
2-1-91 4:29pm
* 2-2-91 12:00

BLAST HOLE

Hot HeCN Shake
and
FIRE DETERMINATIONS

DATE: 2-5-91
NAME: [illegible]

	SAMPLE	FIRE Au.	HeCN Au.		SAMPLE	FIRE Au.	HeCN Au.
1.	122	.007	.003	25.	Standard ✓		.015
2.	123		.003	26.	247	.016	.014
3.	124		.006	27.	282	.011	.012
4.	161		.006	28.	283		.003
5.	162		.008	29.	284	.061	.027 Rerun
6.	163	.008	.012	30.	285		.008
7.	164		.007	31.	323	.016	.007
8.	Standard ✓		.015	32.	45	.031	.025
9.	165		.007	33.			
10.	201	.011	.009	34.			
11.	202		.006	35.	46		.019
12.	203	.010	.010	36.	47	.015	.016
13.	204	.015	.015	37.	48		.024
14.	205	.023	.017	38.	49		.037
15.	206	.012	.012	39.	83		.007
16.				40.	84		.003
17.				41.	85	.008	.003
18.	242		.009	42.	Standard ✓		.015
19.	243	.020	.013	43.	86		.007
20.	✓prep		.033	44.	87	.014	.011
21.	244	.137	.063	45.	88	.087	.096
22.	245-1	.016	.013	46.	89	.039	.042
23.	245-2		.012	47.	90	.019	.018
24.	246	.025	.019	48.			

HD ✓

(B)

Pit-Bench-Pattern #
D-16-1

Submittal Date
2-2-91 12:00 (cont)
* 2-4-91 2:42pm

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

DATE: 2-5-91

NAME: VD, KW

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	294	.020	.020	25.	Standard ✓		.015
2.	295		.017	26.			
3.	296	.021	.021	27.			
4.	297		.030	28.			
5.	298	.042	.027	29.			
6.	332	.017	.023	30.			
7.	333	.019	.018	31.			
8.	Standard ✓		.015	32.			
9.	334	.017	.015	33.			
10.	335	.024	.017	34.			
11.	336	.070	.060	35.			
12.	337		.030	36.			
13.	338	.030	.020	37.			
14.	339		.014	38.			
15.	375	.039	.040	39.			
16.				40.			
17.				41.			
18.	417	.006	.007	42.	Standard ✓		
19.	1002-1	.008	.005	43.			
20.	1002-2		.005	44.			
21.	Spulp		.030	45.			
* 22.	7		.017	46.			
23.				47.			
24.				48.			

X

LLD ✓

(2)

Pit-Bench-Pattern #
D-16-1

Submittal Date
2-2-91 12:00 (CONT)

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

DATE: 2-5-91

NAME: [illegible]

		SAMPLE	FIRE Au.	NaCN Au.			SAMPLE	FIRE Au.	NaCN Au.	
* Flocculated samples	1.	125		.009		25.	Standard ✓		.015	
	2.	✓ prep		.030		26.	210	.248	.252	* Bon 1:1 d
	3.	126	.010	.013		27.	211	.020	.027	*
	4.	127		.004		28.	212	.083	.086	*
	5.	128-1	.006	.004 .005		29.	213	.038	.031	*
	6.	128-2		.006		30.	214	.021	.023	*
	7.	129	.030	.025		31.	215	.028	.031	
	8.	Standard ✓		.014		32.	248	.014	.014	*
	9.	130		.009		33.				
	10.	131		.024		34.				
	11.	132	.027	.026		35.	249	.054	.049	*
*	12.	166	.017	.016		36.	250	.041	.023	*
*	13.	167	.021	.019		37.	251	.031	.031	*
*	14.	168		.009		38.	252	.024	.025	*
*	15.	169	.009	.004		39.	253	.056	.054	*
	16.					40.	254		.016	*
	17.					41.	255	.029	.021	*
	18.	170		.009		42.	Standard ✓		.015	
	19.	171	.024	.022		43.	256		.018	*
	20.	172	.034	.035		44.	290	.031	.025	*
	21.	173		.031		45.	291	.046	.056	
*	22.	207	.012	.014		46.	292	.038	.035	
*	23.	208	.008	.015		47.	293	.033	.027	*
*	24.	209	.019	.018		48.				

LLD ✓

X