D-17-2

1932610 - R8 SEMS

bench no	shot no	bh no	fire au	aa au	fire equiv (aa/ratio)	ore type	ratio	actual ratio (aa/fire)
		0						
0	2172	0			0.000		95.0%	
D17	2	1		23.000	27.381	2	84.0%	
D17	2	2		17.000	20.238	2	84.0%	
D17	2	3		22.000	26.190	2	84.0%	
D17	2	4		42.000	50.000	2	84.0%	
D17	2	21		13.000	15.476	2	84.0%	
D17	2	22		14.000	16.667	2	84.0%	
D17	2	23		12.000	14.286	2	84.0%	
D17	2	24		27.000	28.421	3	95.0%	
D17	2	25		87.000	96.667	2	90.0%	
D17	2	26		22.000	23.158	3	95.0%	
D17	2	41		3.000	3.571	2	84.0%	
D17	2	42		10.000	11.905	2	84.0%	
D17	2	43		26.000	30.952	2	84.0%	
D17	2	44		22.000	26.190	2	84.0%	
D17	2	45		19.000	20.000	3	95.0%	
D17	2	46		36.000	42.857	2	84.0%	
D17	2	61	17.000	15.000	17.000	1	100.0%	88.2%
D17	2	62	12.000	10.000	12.000	2	100.0%	83.3%
D17	2	63		4.000	4.762	2	84.0%	
D17	2	64		10.000	11.905	2	84.0%	
D17	2	65		33.000	34.737	3	95.0%	
D17	2	66	26.000	25.000	26.000	2	100.0%	96.2%
D17	2	67		19.000	20.000	3	95.0%	
D17	2	81	17.000	18.000	17.000	1	100.0%	105.9%
D17	2	82		43.000	45.263	3	95.0%	
D17	2	83	33.000	29.000	33.000	2	100.0%	87.9%
D17	2	84	19.000	16.000	19.000	2	100.0%	84.2%
D17	2	85		6.000	6.316	3	95.0%	
D17	2	86	10.000	8.000	10.000	3	100.0%	80.0%
D17	2	87	50.000	22.000	50.000	2	100.0%	44.0%
D17	2	88		12.000	12.632	3	95.0%	
D17	2	101	20.000	17.000	20.000	1	100.0%	85.0%
D17	2	102	19.000	17.000	19.000	2	100.0%	89.5%
D17	2	103		23.000	24.211	3	95.0%	
D17	2	104		13.000	13.684	3	95.0%	
D17	2	105	26.000	25.000	26.000	3	100.0%	96.2%
D17	2	106	32.000	26.000	32.000	3	100.0%	81.3%
D17	2	107		6.000	7.143	2	84.0%	
D17	2	108	14.000	15.000	14.000	2	100.0%	107.1%
D17	2	121	13.000	15.000	13.000	2	100.0%	115.4%
D17	2	122		15.000	17.857	2	84.0%	
D17	2	123		13.000	15.476	2	84.0%	
D17	2	124		14.000	16.667	2	84.0%	
D17	2	125	17.000	16.000	17.000	2	100.0%	94.1%
D17	2	126	29.000	23.000	29.000	2	100.0%	79.3%
D17	2	127	42.000	37.000	42.000	2	100.0%	88.1%
D17	2	128		14.000	16.667	2	84.0%	
D17	2	129	71.000	65.000	71.000	3	100.0%	91.5%
D17	2	141	18.000	16.000	18.000	2	100.0%	88.9%
D17	2	142		13.000	15.476	2	84.0%	
D17	2	143		11.000	13.095	2	84.0%	
D17	2	144		10.000	11.905	2	84.0%	

Fire .015 AA .015

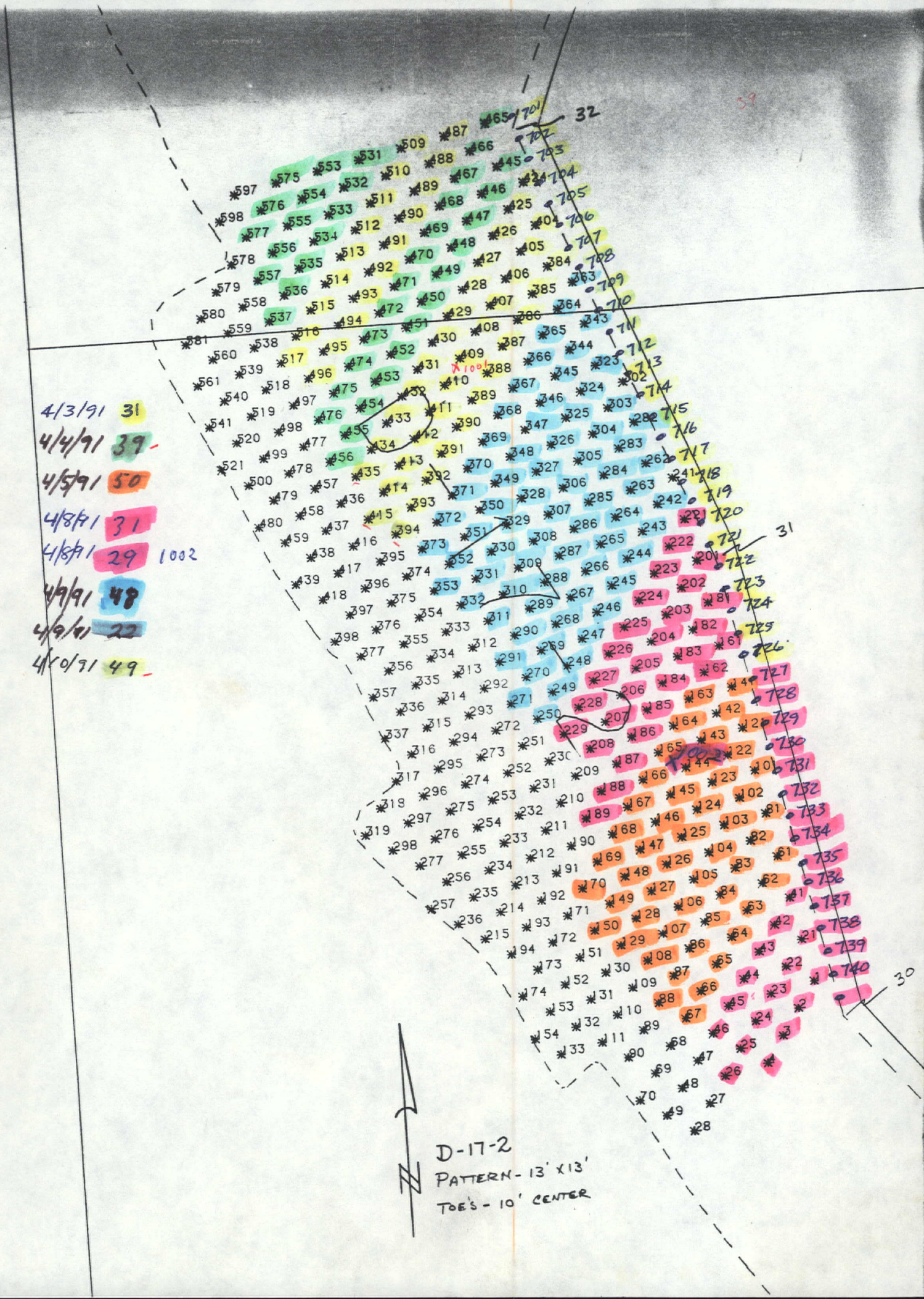
D17	2	145		12.000	14.286	2	84.0%	
D17	2	146	20.000	18.000	20.000	2	100.0%	90.0%
D17	2	147	28.000	25.000	28.000	2	100.0%	89.3%
D17	2	148	33.000	32.000	33.000	3	100.0%	97.0%
D17	2	149		14.000	14.737	3	95.0%	
D17	2	150		9.000	9.474	3	95.0%	
D17	2	161		20.000	23.810	2	84.0%	
D17	2	162		17.000	20.238	2	84.0%	
D17	2	163		13.000	15.476	2	84.0%	
D17	2	164		11.000	13.095	2	84.0%	
D17	2	165		13.000	15.476	2	84.0%	
D17	2	166	19.000	16.000	19.000	2	100.0%	84.2%
D17	2	167		23.000	24.211	3	95.0%	
D17	2	168		28.000	29.474	3	95.0%	
D17	2	169		21.000	22.105	3	95.0%	
D17	2	170	17.000	18.000	17.000	3	100.0%	105.9%
D17	2	181		11.000	13.095	2	84.0%	
D17	2	182		12.000	14.286	2	84.0%	
D17	2	183		14.000	14.737	3	95.0%	
D17	2	184		14.000	16.667	2	84.0%	
D17	2	185		12.000	14.286	2	84.0%	
D17	2	186		11.000	11.579	3	95.0%	
D17	2	187		8.000	9.524	2	84.0%	
D17	2	188		34.000	35.789	3	95.0%	
D17	2	189		30.000	31.579	3	95.0%	
D17	2	201		24.000	25.263	3	95.0%	
D17	2	202		16.000	16.842	3	95.0%	
D17	2	203		46.000	48.421	3	95.0%	
D17	2	204		17.000	17.895	3	95.0%	
D17	2	205		21.000	22.105	3	95.0%	
D17	2	206		13.000	13.684	3	95.0%	
D17	2	207		10.000	10.526	3	95.0%	
D17	2	208		17.000	20.238	2	84.0%	
D17	2	221		26.000	27.368	3	95.0%	
D17	2	222		27.000	28.421	3	95.0%	
D17	2	223		23.000	24.211	3	95.0%	
D17	2	224		26.000	27.368	3	95.0%	
D17	2	225		19.000	20.000	3	95.0%	
D17	2	226		25.000	26.316	3	95.0%	
D17	2	227		11.000	11.579	3	95.0%	
D17	2	228		9.000	9.474	3	95.0%	
D17	2	229		37.000	38.947	3	95.0%	
D17	2	242		46.000	48.421	3	95.0%	
D17	2	243		20.000	21.053	3	95.0%	
D17	2	244		23.000	24.211	3	95.0%	
D17	2	245		23.000	24.211	3	95.0%	
D17	2	246	15.000	14.000	15.000	3	100.0%	93.3%
D17	2	247		25.000	26.316	3	95.0%	
D17	2	248		12.000	12.632	3	95.0%	
D17	2	249		5.000	5.952	2	84.0%	
D17	2	250	124.000	56.000	124.000	3	100.0%	45.2%
D17	2	262	73.000	67.000	73.000	3	100.0%	91.8%
D17	2	263		27.000	28.421	3	95.0%	
D17	2	264		41.000	43.158	3	95.0%	
D17	2	265		26.000	27.368	3	95.0%	
D17	2	266		30.000	31.579	3	95.0%	

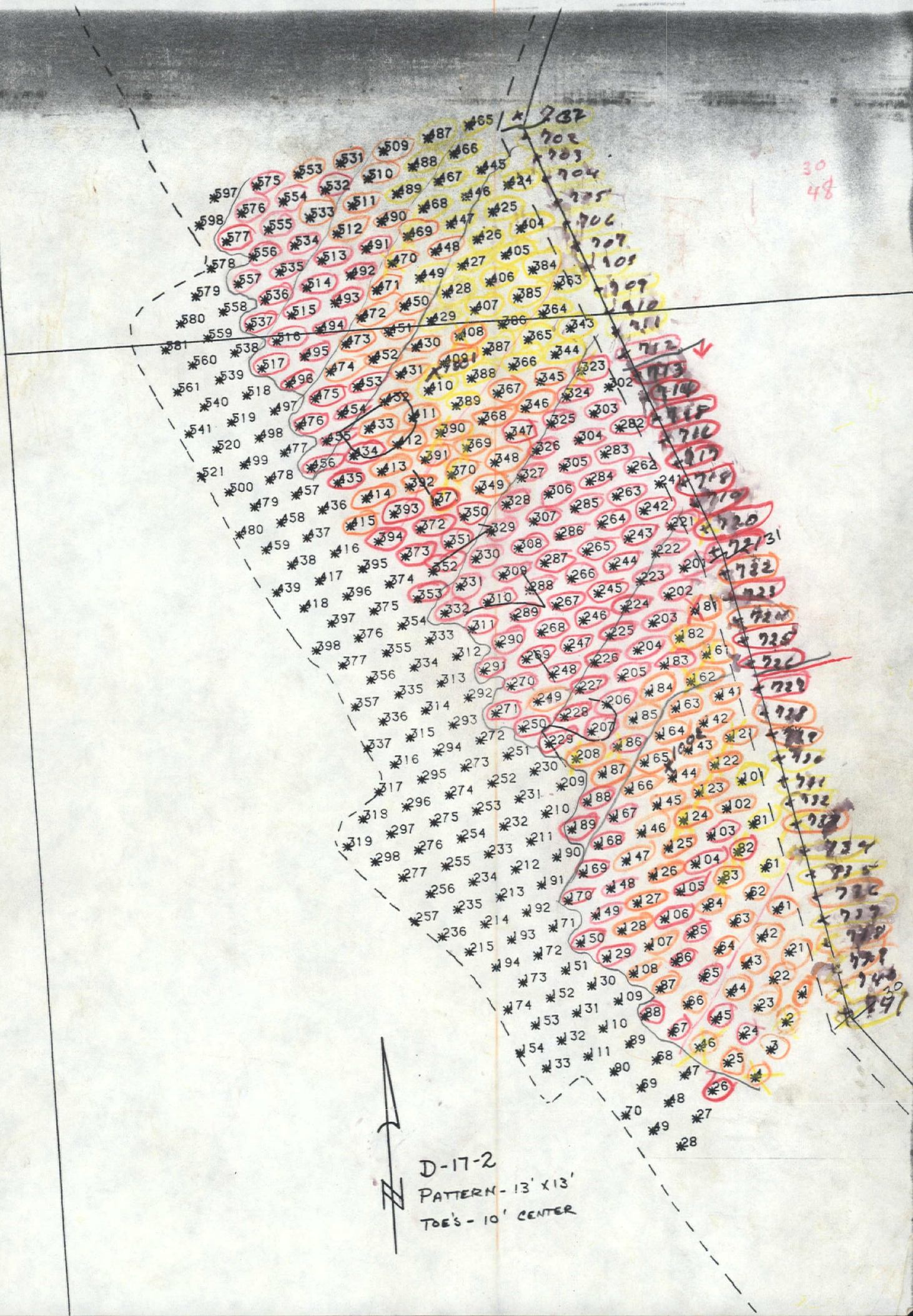
D17	2	267		23.000	24.211	3	95.0%	
D17	2	268	24.000	20.000	24.000	3	100.0%	83.3%
D17	2	269		22.000	23.158	3	95.0%	
D17	2	270		29.000	30.526	3	95.0%	
D17	2	271		28.000	29.474	3	95.0%	
D17	2	282	91.000	70.000	91.000	3	100.0%	76.9%
D17	2	283	114.000	105.000	114.000	3	100.0%	92.1%
D17	2	284		69.000	72.632	3	95.0%	
D17	2	285		65.000	68.421	3	95.0%	
D17	2	286		47.000	49.474	3	95.0%	
D17	2	287		24.000	25.263	3	95.0%	
D17	2	288		27.000	28.421	3	95.0%	
D17	2	289	18.000	17.000	18.000	3	100.0%	94.4%
D17	2	290		28.000	29.474	3	95.0%	
D17	2	291		20.000	21.053	3	95.0%	
D17	2	303	51.000	50.000	51.000	3	100.0%	98.0%
D17	2	304	127.000	110.000	127.000	3	100.0%	86.6%
D17	2	305		47.000	49.474	3	95.0%	
D17	2	306		40.000	42.105	3	95.0%	
D17	2	307		52.000	54.737	3	95.0%	
D17	2	308	103.000	124.000	103.000	3	100.0%	120.4%
D17	2	309		26.000	27.368	3	95.0%	
D17	2	310		23.000	24.211	3	95.0%	
D17	2	311		28.000	29.474	3	95.0%	
D17	2	323		85.000	89.474	3	95.0%	
D17	2	324	39.000	36.000	39.000	3	100.0%	92.3%
D17	2	325		37.000	38.947	3	95.0%	
D17	2	326		45.000	47.368	3	95.0%	
D17	2	327		27.000	28.421	3	95.0%	
D17	2	328		41.000	43.158	3	95.0%	
D17	2	329		28.000	29.474	3	95.0%	
D17	2	330	18.000	18.000	18.000	3	100.0%	100.0%
D17	2	331		48.000	50.526	3	95.0%	
D17	2	332	16.000	15.000	16.000	3	100.0%	93.8%
D17	2	343	59.000	46.000	59.000	1	100.0%	78.0%
D17	2	344	58.000	60.000	58.000	1	100.0%	103.4%
D17	2	345	242.000	196.000	242.000	2	100.0%	81.0%
D17	2	346	22.000	18.000	22.000	2	100.0%	81.8%
D17	2	347		34.000	35.789	3	95.0%	
D17	2	348	21.000	17.000	21.000	2	100.0%	81.0%
D17	2	349	25.000	25.000	25.000	2	100.0%	100.0%
D17	2	350		24.000	25.263	3	95.0%	
D17	2	351		24.000	25.263	3	95.0%	
D17	2	352		35.000	36.842	3	95.0%	
D17	2	353		30.000	31.579	3	95.0%	
D17	2	363	47.000	48.000	47.000	1	100.0%	102.1%
D17	2	364	51.000	52.000	51.000	1	100.0%	102.0%
D17	2	365	28.000	21.000	28.000	1	100.0%	75.0%
D17	2	366		18.000	25.714	1	70.0%	
D17	2	367	153.000	131.000	153.000	2	100.0%	85.6%
D17	2	368		76.000	84.444	2	90.0%	
D17	2	369	39.000	29.000	39.000	2	100.0%	74.4%
D17	2	370	40.000	22.000	40.000	2	100.0%	55.0%
D17	2	371		40.000	42.105	3	95.0%	
D17	2	372		33.000	34.737	3	95.0%	
D17	2	373		39.000	41.053	3	95.0%	

D17	2	384	170.000	114.000	170.000	1	100.0%	67.1%
D17	2	385	64.000	50.000	64.000	1	100.0%	78.1%
D17	2	386	29.000	20.000	29.000	1	100.0%	69.0%
D17	2	387	36.000	29.000	36.000	1	100.0%	80.6%
D17	2	388	25.000	17.000	25.000	1	100.0%	68.0%
D17	2	389	36.000	31.000	36.000	1	100.0%	86.1%
D17	2	390	49.000	52.000	49.000	2	100.0%	106.1%
D17	2	391	21.000	19.000	21.000	2	100.0%	90.5%
D17	2	392	23.000	19.000	23.000	2	100.0%	82.6%
D17	2	393	47.000	39.000	47.000	3	100.0%	83.0%
D17	2	394		37.000	38.947	3	95.0%	
D17	2	404	48.000	41.000	48.000	1	100.0%	85.4%
D17	2	405	62.000	38.000	62.000	1	100.0%	61.3%
D17	2	406	65.000	53.000	65.000	1	100.0%	81.5%
D17	2	407	26.000	20.000	26.000	1	100.0%	76.9%
D17	2	408	21.000	18.000	21.000	2	100.0%	85.7%
D17	2	409	25.000	20.000	25.000	2	100.0%	80.0%
D17	2	410	40.000	31.000	40.000	1	100.0%	77.5%
D17	2	411	26.000	20.000	26.000	2	100.0%	76.9%
D17	2	412	22.000	21.000	22.000	2	100.0%	95.5%
D17	2	413	29.000	27.000	29.000	2	100.0%	93.1%
D17	2	414	32.000	29.000	32.000	2	100.0%	90.6%
D17	2	415	60.000	53.000	60.000	2	100.0%	88.3%
D17	2	424	61.000	44.000	61.000	1	100.0%	72.1%
D17	2	425	52.000	23.000	52.000	1	100.0%	44.2%
D17	2	426	45.000	31.000	45.000	1	100.0%	68.9%
D17	2	427	24.000	15.000	24.000	1	100.0%	62.5%
D17	2	428	25.000	19.000	25.000	1	100.0%	76.0%
D17	2	429	32.000	23.000	32.000	1	100.0%	71.9%
D17	2	430	20.000	15.000	20.000	2	100.0%	75.0%
D17	2	431	60.000	51.000	60.000	2	100.0%	85.0%
D17	2	432	19.000	16.000	19.000	2	100.0%	84.2%
D17	2	433	28.000	27.000	28.000	2	100.0%	96.4%
D17	2	434		39.000	41.053	3	95.0%	
D17	2	435		53.000	55.789	3	95.0%	
D17	2	445	40.000	34.000	40.000	1	100.0%	85.0%
D17	2	446	42.000	37.000	42.000	1	100.0%	88.1%
D17	2	447	26.000	21.000	26.000	1	100.0%	80.8%
D17	2	448	21.000	15.000	21.000	2	100.0%	71.4%
D17	2	449		11.000	15.714	1	70.0%	
D17	2	450	26.000	21.000	26.000	2	100.0%	80.8%
D17	2	451		12.000	14.286	2	84.0%	
D17	2	452	24.000	17.000	24.000	2	100.0%	70.8%
D17	2	453		21.000	22.105	3	95.0%	
D17	2	454	26.000	25.000	26.000	3	100.0%	96.2%
D17	2	455		30.000	31.579	3	95.0%	
D17	2	456	75.000	63.000	75.000	3	100.0%	84.0%
D17	2	465	39.000	31.000	39.000	1	100.0%	79.5%
D17	2	466	90.000	92.000	90.000	1	100.0%	102.2%
D17	2	467	48.000	46.000	48.000	1	100.0%	95.8%
D17	2	468	25.000	26.000	25.000	1	100.0%	104.0%
D17	2	469	23.000	21.000	23.000	2	100.0%	91.3%
D17	2	470	26.000	23.000	26.000	2	100.0%	88.5%
D17	2	471	19.000	16.000	19.000	2	100.0%	84.2%
D17	2	472	26.000	29.000	26.000	2	100.0%	111.5%
D17	2	473	18.000	19.000	18.000	2	100.0%	105.6%

D17	2	474	23.000	19.000	23.000	2	100.0%	82.6%
D17	2	475		22.000	23.158	3	95.0%	
D17	2	476	36.000	31.000	36.000	3	100.0%	86.1%
D17	2	487	23.000	24.000	23.000	1	100.0%	104.3%
D17	2	488	58.000	65.000	58.000	1	100.0%	112.1%
D17	2	489	53.000	50.000	53.000	1	100.0%	94.3%
D17	2	490	37.000	36.000	37.000	2	100.0%	97.3%
D17	2	491		27.000	28.421	3	95.0%	
D17	2	492		27.000	28.421	3	95.0%	
D17	2	493		29.000	30.526	3	95.0%	
D17	2	494		26.000	27.368	3	95.0%	
D17	2	495		29.000	30.526	3	95.0%	
D17	2	496	40.000	37.000	40.000	3	100.0%	92.5%
D17	2	509	69.000	69.000	69.000	2	100.0%	100.0%
D17	2	510	33.000	34.000	33.000	2	100.0%	103.0%
D17	2	511	23.000	19.000	23.000	2	100.0%	82.6%
D17	2	512	29.000	28.000	29.000	2	100.0%	96.6%
D17	2	513		26.000	27.368	3	95.0%	
D17	2	514		17.000	17.895	3	95.0%	
D17	2	515		27.000	28.421	3	95.0%	
D17	2	516		38.000	40.000	3	95.0%	
D17	2	517		61.000	64.211	3	95.0%	
D17	2	531	31.000	30.000	31.000	2	100.0%	96.8%
D17	2	532		36.000	37.895	3	95.0%	
D17	2	533	29.000	26.000	29.000	2	100.0%	89.7%
D17	2	534		22.000	23.158	3	95.0%	
D17	2	535		25.000	26.316	3	95.0%	
D17	2	536	29.000	29.000	29.000	3	100.0%	100.0%
D17	2	537		44.000	46.316	3	95.0%	
D17	2	553	54.000	49.000	54.000	2	100.0%	90.7%
D17	2	554		46.000	48.421	3	95.0%	
D17	2	555		21.000	22.105	3	95.0%	
D17	2	556		25.000	26.316	3	95.0%	
D17	2	557		28.000	29.474	3	95.0%	
D17	2	575		32.000	33.684	3	95.0%	
D17	2	576		26.000	27.368	3	95.0%	
D17	2	577		29.000	30.526	3	95.0%	
D17	2	701	84.000	66.000	84.000	1	100.0%	78.6%
D17	2	702	62.000	45.000	62.000	1	100.0%	72.6%
D17	2	703	69.000	62.000	69.000	1	100.0%	89.9%
D17	2	704	64.000	47.000	64.000	1	100.0%	73.4%
D17	2	705	61.000	56.000	61.000	1	100.0%	91.8%
D17	2	706	62.000	55.000	62.000	1	100.0%	88.7%
D17	2	707	52.000	46.000	52.000	1	100.0%	88.5%
D17	2	708	178.000	86.000	178.000	1	100.0%	48.3%
D17	2	709	78.000	66.000	78.000	1	100.0%	84.6%
D17	2	710	47.000	56.000	47.000	1	100.0%	119.1%
D17	2	711	41.000	36.000	41.000	1	100.0%	87.8%
D17	2	712	72.000	61.000	72.000	3	100.0%	84.7%
D17	2	713		40.000	42.105	3	95.0%	
D17	2	714		52.000	54.737	3	95.0%	
D17	2	715		53.000	55.789	3	95.0%	
D17	2	716	123.000	118.000	123.000	3	100.0%	95.9%
D17	2	717	143.000	78.000	143.000	3	100.0%	54.5%
D17	2	718		69.000	72.632	3	95.0%	
D17	2	719		33.000	34.737	3	95.0%	

D17	2	720		21.000	22.105	3	95.0%	
D17	2	721		22.000	23.158	3	95.0%	
D17	2	722	32.000	25.000	32.000	2	100.0%	78.1%
D17	2	723		57.000	60.000	3	95.0%	
D17	2	724	60.000	64.000	60.000	2	100.0%	106.7%
D17	2	725		41.000	43.158	3	95.0%	
D17	2	726		36.000	37.895	3	95.0%	
D17	2	727		18.000	18.947	3	95.0%	
D17	2	728		99.000	110.000	2	90.0%	
D17	2	729		15.000	17.857	2	84.0%	
D17	2	730		7.000	10.000	1	70.0%	
D17	2	731		11.000	15.714	1	70.0%	
D17	2	732		11.000	15.714	1	70.0%	
D17	2	733		9.000	10.714	2	84.0%	
D17	2	734		10.000	14.286	1	70.0%	
D17	2	735		6.000	8.571	1	70.0%	
D17	2	736		4.000	4.762	2	84.0%	
D17	2	737		17.000	24.286	1	70.0%	
D17	2	738		33.000	39.286	2	84.0%	
D17	2	739		19.000	22.619	2	84.0%	
D17	2	740		17.000	20.238	2	84.0%	
D17	2	741		13.000	18.571	1	70.0%	
D17	2	1001	25.000	20.000	25.000	1	100.0%	80.0%
D17	2	1002		12.000	14.286	2	84.0%	
	mean		45.6615	31.5467	35.9761		94.8%	37.5%


4/3/91 31
4/4/91 39
4/5/91 50
4/8/91 31
4/8/91 29 1002
4/9/91 48
4/9/91 22
4/10/91 49
32
31
30
D-17-2
PATTERN - 13' X 13'
TOE'S - 10' CENTER


D-17-2
PATTERN - 13' X 13'
TOE'S - 10' CENTER

Pit-Bench-Pattern #
D-17-2

Submittal Date
4/3/91 1:45p

BLAST HOLE

Hot HoCN Shake
and
FIRE DETERMINATIONS

DATE: 4/4/91

NAME: KW

	SAMPLE	FIRE Au.	HoCN Au.		SAMPLE	FIRE Au.	HoCN Au.
1.	487	.023	.024	25.	Standard ✓		.015
2.	488	.058	.065	26.	703	.069	.062
3.	489	.053	.050	27.	704	.064	.047
4.	490	.037	.036	28.	705	.061	.056
5.	491		.027	29.	706	.062	.055
6.	492		.027	30.	707	.052	.046
7.	493		.029	31.	708	.178	.086
8.	Standard ✓		.014	32.	709	.078	.066
9.	494		.026	33.	[redacted]		
10.	495		.029	34.	[redacted]		
11.	496	.040	.037	35.	710	.047	.056
12.	509	.069	.069	36.	711	.041	.036
13.	510	.033	.034	37.	712-1	.072	.059
14.	511	.023	.019	38.	712-2		.062
15.	512	.029	.028	39.	V7		.031
16.	[redacted]			40.		Std ✓	.015
17.	[redacted]			41.			
18.	513		.026	42.	Standard ✓		
19.	514		.017	43.			
20.	515		.027	44.			
21.	516		.038	45.			
22.	517		.061	46.			
23.	701	.084	.066	47.			
24.	702	.062	.045	48.			

KW

Pit-Bench-Pattern #
D-17-2 EOP

Submittal Date
4-10-91 10:29 Am

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

(2)

DATE: 4-11-91

NAME: MM

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	713		.040	25.	Standard ✓		
2.	714		.052	26.			
3.	715		.053	27.			
4.	716	.123	.118	28.			
5.	717	.143	.078	29.			
6.	718		.069	30.			
7.	719		.033	31.			
8.	Standard ✓			32.			
9.	720		.021	33.			
10.	721		.022	34.			
11.	722	.032	.025	35.			
12.	723		.057	36.			
13.	724	.060	.064	37.			
14.	725		.041	38.			
15.	726		.036	39.			
16.				40.			
17.				41.			
18.	✓ 7		.031	42.	Standard ✓		
19.				43.			
20.				44.			
21.				45.			
22.				46.			
23.				47.			
24.				48.			

TS

Pit-Bench-Pattern #
D-17-2

Submittal Date
4-10-91 9:23 am

(1)

BLAST HOLE

Hot HoCN Shake
and
FIRE DETERMINATIONS

DATE: 4-11-91

NAME: LM

	SAMPLE	FIRE Au.	HoCN Au.		SAMPLE	FIRE Au.	HoCN Au.
1.	384	.170	.114	25.	Standard ✓		
2.	385	.064	.050	26.	413	.029	.027
3.	386	.029	.020	27.	414	.032	.029
4.	387	.036	.029	28.	415	.060	.053
5.	388	.025	.017	29.	424	.061	.044
6.	389	.036	.031	30.	425	.052	.023
7.	390	.049	.052	31.	426	.045	.031
8.	Standard ✓			32.	427	.024	.015
9.	391	.021	.019	33.			
10.	392	.023	.019	34.			
11.	393	.047	.029	35.	428	.025	.019
12.	394		.032	36.	429	.032	.023
13.	✓7		.032	37.	430	.020	.015
14.	404	.048	.041	38.	431	.060	.051
15.	405	.062	.038	39.	432	.019	.016
16.				40.	433	.028	.027
17.				41.	434		.032
18.	406	.065	.053	42.	Standard ✓		
19.	407	.026	.020	43.	435		.053
20.	408	.021	.018	44.	1001-1	.025	.020
21.	409	.025	.020	45.	1001-2		.019
22.	410	.040	.031	46.			
23.	411	.026	.020	47.			
24.	412	.022	.021	48.			

8

TS

Pit-Bench-Pattern #
D-17-2
Submittal Date
4-4-91 10:04 Am

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

DATE: 4-8-91
NAME: KW

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
Rerun FA 1.	445	.024	.034	25.	Standard ✓		.015
2.	446	.042	.037	26.	473	.018	.019
3.	447	.026	.021	27.	474	.023	.019
4.	448	.021	.015	28.	475		.022
5.	449		.011	29.	476-1	.036	.031
6.	450	.026	.021	30.	476-2		.031
7.	451		.012	31.	531	.031	.030
8.	Standard ✓		.016	32.	532		.036
9.	452	.024	.017	33.	[redacted]		
10.	453		.021	34.			
11.	454	.026	.025	35.	533	.029	.026
12.	455		.030	36.	534		.022
13.	456	.075	.063	37.	535		.025
14.	✓ 7		.031	38.	536	.029	.029
Rerun FA 15.	465	.022	.031	39.	537		.044
16.	[redacted]			40.	553	.054	.049
17.				41.	554		.046
18.	466	.090	.092	42.	Standard ✓		.015
19.	467	.048	.046	43.	555		.021
20.	468	.025	.026	44.	556		.025
21.	469	.023	.021	45.	557		.028
22.	470	.026	.023	46.	575		.032
23.	471	.019	.016	47.	576		.026
24.	472	.026	.029	48.	577		.029

Std ✓ .014

KW

Pit-Bench-Pattern #
D-17-2

Submittal Date
4/9/91 9:25A

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

DATE: 4/10/91

NAME: KW TS MM

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	242		.046	25.	Standard ✓		.014
2.	243		.020	26.	283	.114	.105
3.	244		.023	27.	284		.069
4.	245		.023	28.	285		.065
5.	246	.015	.014	29.	286		.047
6.	247		.025	30.	287		.024
7.	248		.012	31.	288		.027
8.	Standard ✓		.014	32.	289	.018	.017
9.	249		.005	33.			
10.	250-1	.124	.055	34.			
11.	250-2		.056	35.	290		.028
12.	262	.073	.067	36.	291		.020
13.	263		.027	37.	303	.051	.050
14.	264		.041	38.	304	.127	.110
15.	265		.026	39.	305		.047
16.				40.	306		.040
17.				41.	307	~~.103~~	.052
18.	266		.030	42.	Standard ✓		.015
19.	267		.023	43.	308	.103	.124 ← Rerun LA
20.	268	.024	.020	44.	309		.026
21.	269		.022	45.	310		.023
22.	270		.029	46.	311		.028
23.	271		.028	47.	✓7		.033
24.	282	.091	.070	48.			

8 [illegible]

Pit-Bench-Pattern #
D-17-2

Submittal Date
4/9/91 9:25A
*4/9/91 2:13p

BLAST HOLE

Hot HoCN Shake
and
FIRE DETERMINATIONS

DATE: 4/10/91
NAME: YW

	SAMPLE	FIRE Au.	HoCN Au.		SAMPLE	FIRE Au.	HoCN Au.
1.	323		.085	25.	Standard ✓		
2.	324	.039	.036	26.	✓7		.032
3.	325		.037	27.	363	.047	.048
4.	326		.045	28.	364	.051	.052
5.	327		.027	29.	365	.028	.021
6.	328		.041	30.	366	~~[illegible]~~	.018
7.	329		.028	31.	367	.153	.131
8.	Standard ✓			32.	368		.076
9.	330	.018	.018	33.			
10.	331		.048	34.			
11.	332	.016	.015	35.	369	.039	.029
12*	343	.059	.046	36.	370	.040	.022
13.	344	.058	.060	37.	371		.040
14.	345	.242	.196	38.	372		.033
15.	346	.022	.018	39.	373-1		.042
16.				40.	373-2		.036
17.				41.			
18.	347		.034	42.	Standard ✓		
19.	348	.021	.017	43.			
20.	349	.025	.025	44.			
21.	350		.024	45.			
22.	351		.024	46.			
23.	352		.035	47.			
24.	353		.030	48.			

+

Fine

Pit-Bench-Pattern #
D-17-2
Submittal Date
4/5/91 8:58A

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

DATE: 4/8/91
NAME: KW

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	61	.017	.015	25.	Standard ✓		.015
2.	62	.012	.010	26.	106	.032	.026
3.	63		.004	27.	107		.006
4.	64		.010	28.	108	.014	.015
5.	65		.033	29.	121	.013	.015
6.	66	.026	.025	30.	✓7	.031	.031
7.	67		.019	31.	122	.015	.015
8.	Standard ✓		.015	32.	123		.013
9.	81	.017	.018	33.			
10.	82		.043	34.			
11.	83	.033	.029	35.	124		.014
12.	84	.019	.016	36.	125	.017	.016
13.	85		.006	37.	126	.029	.023
14.	86-1	.010	.008	38.	127	.042	.037
15.	86-2		.007	39.	128		.014
16.				40.	129	.071	.065
17.				41.	141	.018	.016
18.	87	.050	.022	42.	Standard ✓		.014
19.	88		.012	43.	142		.013
20.	101	.020	.017	44.	143		.011
21.	102	.019	.017	45.	144		.010
22.	103		.023	46.	145		.012
23.	104		.013	47.	146	.020	.018
24.	105	.026	.025	48.		Std ✓	.014

TS

Pit-Bench-Pattern #
D-17-2
Submittal Date
4/5/91 8:58A Cmt

BLAST HOLE

Hot NaCN Shake and FIRE DETERMINATIONS

DATE: 4/8/91
NAME: [illegible]

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	147	.028	.025	25.	Standard ✓		
2.	148	.033	.032	26.			
3.	149		.014	27.			
4.	150		.009	28.			
5.	163		.013	29.			
6.	164		.011	30.			
7.	165		.013	31.			
8.	Standard ✓		.016	32.			
9.	166	.019	.016	33.			
10.	167		.023	34.			
11.	168		.028	35.			
12.	169		.021	36.			
13.	170	.017	.018	37.			
14.				38.			
15.				39.			
16.				40.			
17.				41.			
18.				42.	Standard ✓		
19.				43.			
20.				44.			
21.				45.			
22.				46.			
23.				47.			
24.				48.			

TS

Pit-Bench-Pattern #
D-17-2
Submittal Date
4-10-91 9:23 Am

①

BLAST HOLE

Hot NaCN Shake and FIRE DETERMINATIONS

DATE: 4-11-91
NAME: MM

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	384	.170	.114	25.	Standard ✓		
2.	385	.064	.050	26.	413		.027
3.	386	.029	.020	27.	414		.029
4.	387	.036	.029	28.	415		.053
5.	388	.025	.017	29.	424		.044
6.	389	.036	.031	30.	425		.023
7.	390	.049	.052	31.	426		.031
8.	Standard ✓			32.	427		.015
9.	391	.021	.019	33.			
10.	392	.023	.019	34.			
11.	393	.047	.039	35.	428		.019
12.	394		.037	36.	429		.023
13.	✓7		.032	37.	430		.015
14.	404	.048	.041	38.	431		.051
15.	405	.062	.038	39.	432		.016
16.				40.	433		.027
17.				41.	434		.039
18.	406	.065	.053	42.	Standard ✓		
19.	407	.026	.020	43.	435		.053
20.	408	.021	.018	44.	1001-1		.020
21.	409		.020	45.	1001-2		.019
22.	410		.031	46.			
23.	411		.020	47.			
24.	412		.021	48.			

Pit-Bench-Pattern #
D-17-2
Submittal Date
4-4-91 10:04 Am

BLAST HOLE

Hot NaCN Shake
and
FIRE DETERMINATIONS

DATE: 4-8-91
NAME: KW

	SAMPLE	FIRE Au.	NaCN Au.		SAMPLE	FIRE Au.	NaCN Au.
1.	445	.024	.034	25.	Standard ✓		.015
2.	446	.042	.037	26.	473	.018	.019
3.	447	.026	.021	27.	474	.023	.019
4.	448	.021	.015	28.	475		.022
5.	449		.011	29.	476-1	.036	.031
6.	450	.026	.021	30.	476-2		.031
7.	451		.012	31.	531	.031	.030
8.	Standard ✓		.016	32.	532		.036
9.	452	.024	.017	33.			
10.	453		.021	34.			
11.	454	.026	.025	35.	533	.029	.026
12.	455		.030	36.	534		.022
13.	456	.075	.063	37.	535		.025
14.	✓ 7		.031	38.	536	.029	.029
15.	465	.022 1039	.031	39.	537		.044
16.				40.	553	.054	.049
17.				41.	554		.046
18.	466	.090	.092	42.	Standard ✓		.015
19.	467	.048	.046	43.	555		.021
20.	468	.025	.026	44.	556		.025
21.	469	.023	.021	45.	557		.028
22.	470	.026	.023	46.	575		.032
23.	471	.019	.016	47.	576		.026
24.	472	.026	.029	48.	577		.029

Rerun FA .040

Rerun FA .039

Std ✓ .014

KW

D-17-2 BLAST HOLE ore type-* PATTERN 4 9/96

NO.	SUL	MIX	OXI	NO.	SUL	MIX	OXI	NO.	SUL	MIX	OXI	NO.	SUL	MIX	OXI
				285			X	330				373			X
242			X	286			X	331			X				
243			X	287			X	332				1			
244			X	288			X					2			
245			X	289				343				3			
246				290			X	344				4			
247			X	291			X	345				5			
248			X					346				6			
249		X		303				347			X	7			
250				304				348				8			
				305			X	349				9			
262				306			X	350			X	10			
263			X	307			X	351			X	11			
264			X	308				352			X	12			
265			X	309			X	353			X	13			
266			X	310			X	363				14			
267			X	311			X	364				15			
268								365				16			
269			X	323			X	366				17			
270			X	324				367				18			
271			X	325			X	368				19			
				326			X	369				20			
282				327			X	370				21			
283				328			X	371			X	22			
284			X	329			X	372			X	23			

BLAST HOLE ORE TYPE

PATTERN D 17 2 DATE 4/3/91

NO.	SUL	MIX	OXI	NO.	SUL	MIX	OXI	NO.	SUL	MIX	OXI	NO.	SUL	MIX	OXI
487	X			705	X			17				42			
488	X			706	X			18				43			
489	X			707	X			19				44			
490		X		708	X			20				45			
491			X	709	X			21				46			
492			X	710	X			22				47			
493			X	711	X			23				48			
494			X	712			X	24				49			
495			X					25				50			
496			X	1				26				51			
				2				27				52			
509		X		3				28				53			
510		X		4				29				54			
511		X		5				30				55			
512		X		6				31				56			
513			X	7				32				57			
514			X	8				33				58			
515			X	9				34				59			
516			X	10				35				60			
517			X	11				36				61			
				12				37				62			
701	X			13				38				63			
702	X			14				39				64			
703	X			15				40				65			
704	X			16				41				66			

BLAST HOLE ORE TYPE

PATTERN D 17-2 DATE 4/5/91

NO.	SUL	MIX	OXI	NO.	SUL	MIX	OXI	NO.	SUL	MIX	OXI	NO.	SUL	MIX	OXI
61								166				20			
62				121				167			X	21			
63		X		122				168			X	22			
64		X		123		X		169			X	23			
65			X	124		X		170				24			
66				125								25			
67			X	126				1				26			
				127				2				27			
81				128		X		3				28			
82			X	129				4				29			
83								5				30			
84				141				6				31			
85			X	142		X		7				32			
86				143		X		8				33			
87				144		X		9				34			
88			X	145		X		10				35			
				146				11				36			
101				147				12				37			
102				148				13				38			
103			X	149			X	14				39			
104			X	150			X	15				40			
105								16				41			
106				163		X		17				42			
107		X		164		X		18				43			
108				165		X		19				44			

BLAST HOLE ORE TYPE

PATTERN D 17 2 DATE 4/4/91

NO.	SUL	MIX	OXI	NO.	SUL	MIX	OXI	NO.	SUL	MIX	OXI	NO.	SUL	MIX	OXI
445	X							7				32			
446	X			531		X		8				33			
447	X			532			X	9				34			
448		X		533		X		10				35			
449	X			534			X	11				36			
450		X		535			X	12				37			
451		X		536			X	13				38			
452		X		537			X	14				39			
453			X					15				40			
454			X	553		X		16				41			
455			X	554			X	17				42			
456			X	555			X	18				43			
				556			X	19				44			
465	X			557			X	20				45			
466	X							21				46			
467	X			575			X	22				47			
468	X			576			X	23				48			
469		X		577			X	24				49			
470		X						25				50			
471		X		1				26				51			
472		X		2				27				52			
473		X		3				28				53			
474		X		4				29				54			
475			X	5				30				55			
476			X	6				31				56			

BLAST HOLE ORE TYPE

PATTERN D-17-2 DATE 4/10/91

NO.	SUL	MIX	OXI	NO.	SUL	MIX	OXI	NO.	SUL	MIX	OXI	NO.	SUL	MIX	OXI
384	X			424	X			725			X	23			
385	X			425	X			726			X	24			
386	X			426	X			1001	X			25			
387	X			427	X			1				26			
388	X			428	X			2				27			
389	X			429	X			3				28			
390		X		430		X		4				29			
391		X		431		X		5				30			
392		X		432		X		6				31			
393			X	433		X		7				32			
394			X	434			X	8				33			
				435			X	9				34			
404	X							10				35			
405	X			713			X	11				36			
406	X			714			X	12				37			
407	X			715			X	13				38			
408		X		716			X	14				39			
409		X		717			X	15				40			
410	X			718			X	16				41			
411		X		719			X	17				42			
412		X		720			X	18				43			
413		X		721			X	19				44			
414		X		722		X		20				45			
415		X		723			X	21				46			
				724		X		22				47			

BLAST HOLE ORE TYPE

PATTERN D172 DATE 4/8/91

NO.	SUL	MIX	OXI	NO.	SUL	MIX	OXI	NO.	SUL	MIX	OXI	NO.	SUL	MIX	OXI
				184		X						9			
1		X		185		X		727			X	10			
2		X		186			X	728		X		11			
3		X		187		X		729		X		12			
4		X		188			X	730	X			13			
				189			X	731	X			14			
21		X						732	X			15			
22		X		201			X	733		X		16			
23		X		202			X	734	X			17			
24			X	203			X	735	X			18			
25		X		204			X	736		X		19			
26			X	205			X	737	X			20			
41		X		206			X	738		X		21			
42		X		207			X	739		X		22			
43		X		208		X		740		X		23			
44		X						741	X			24			
45			X	221			X					25			
46		X		222			X	1				26			
				223			X	2				27			
161		X		224			X	3				28			
162		X		225			X	4				29			
				226			X	5				30			
181		X		227			X	6				31			
182		X		228			X	7				32			
183			X	229			X	8				33			