CONTACT INFORMATION
Mining Records Curator
Arizona Geological Survey
3550 N. Central Ave, 2nd floor
Phoenix, AZ, 85012
602-771-1601
http://www.azgs.az.gov
inquiries@azgs.az.gov

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DDH NO. G-25

STATE Arizona MINING DISTRICT Lone Star
COUNTY Graham PROJECT Safford

COORDINATES 21,065.4 N 27,176.9 E
COLLAR ELEVATION 4816.9
INCLINATION Vert BEARING

DATE STARTED 9/25/57 DRILLING CO. Boyle
DATE COMPLETED 1/30/58
FINAL DEPTH 2211.0

FOOTAGE	UNALT	CHLOR.	EPIDOTE	MONTMOR.	BIOTITE	KAOL.	HY. MICA.	ORTHO.	SER.	SIL.	STAGE NO.	ROCK TYPE	SECTION.	CUFES4	CUFES2	FES2	CUS	CUS	MOS2	OXIDE ZONE: LEACHED CAVITIES-COLOR ETC. / SULPHIDE ZONE-CHAR OF MIN. DISS. VEIN. ETC.	< INCL.	FRACTURING	GEOLOGY
																						2114-64 Mainly sparse near 90° and 45°, from 10-20 2122-27 Moderately broken.	
																						2164-2211. Sparse, mainly near 45° and horizontal. 2206 Probable small shear with slickensides	

DDH NO. G-25

STATE Arizona MINING DISTRICT Lone Star
COUNTY Graham PROJECT Safford
COORDINATES 21,065 N 27,126 E
COLLAR ELEVATION 4816.9
INCLINATION Vert BEARING
DATE STARTED 4/25/57 DRILLING CO.
DATE COMPLETED 4/30/57
FINAL DEPTH 2211C

CORE

FOOTAGE				L1		L2		% REC BY FT	LBS. REC.	% REC. BY WT.	TOT. CU	OX CU	MO S1	ASSAY Au	Ag	S	Wt	CORE SIZE
1047.	1	1057.	3	10.	2	10.	2	100			0.06						2	C.R
1057.	3	1067.	5	10.	2	12.	3	120			0.07						2	"
1067.	5	1077.	8	10.	3	10.	3	100			0.06						2	"
1077.	8	1089.	1	11.	3	11.	3	100			0.08						2	"
1089.	1	1094.	2	5.	1	5.	1	100.			0.06						2	"
1094.	2	1105.	3	11.		11.	1	100			0.17						2	"
1105.	3	1119.	1	13.	9	13.	8	100			0.08						2	"
1119.	1	1128.	5	9.	4	9.	2	97.	8		0.08						2	"
1128.	5	1138.	9	10.	4	10.	4	100			0.08						2	"
1138.	9	1151.	2	12.	3	12.	3	100			0.05		Nil	Nil	Nil	2.32	2	"
1151.	2	1160.	0	8.	8	8.	8	100.			0.13						2	"
1160.	0	1167.	3	7.	2	5.	8	79.	4		0.15						2	"
1167.	3	1176.	8	9.	5	9.	5	100			0.18		Nil	Nil	TR	4.40	2	"
1176.	8	1186.	4	9.	6	9.	6	100			0.11						2	"
1186.	4	1200.	1	13.	7	14.	0	102.	1		0.11						3	"
1200.	1	1210.	1	10.	0	10.	0	100			0.11						2	"
1210.	1	1217.	0	6.	9	6.	9	100			0.10						2	"
1217.	0	1230.	2	13.	2	13.	1	99.	2		0.15		Nil	Nil	Nil	2.10	2	"
1230.	2	1240.	7	10.	5	10.	1	100			0.13						3	"
1240.	1	1247.	0	8.	5	8.	2	99.	0		0.17						2	"
1249.	0	1259.	2	10.	2	10.	2	100			0.08		Nil	Nil	Nil	TR	2	"
1259.	2	1269.	4	10.	2	10.	2	100			0.09						2	"
1269.	4	1280.	2	10.	8	10.	2	96.	4		0.07						2	"
1280.	2	1288.	1	7.	9	7.	4	100.			0.04						2	"
1288.	1	1300.	5	12.	4	12.	0	96.	7		0.06						2	"
1300.	5	1312.	3	11.	8	11.	7	99.	0		0.07						2	"
1312.	3	1319.	4	7.	1	7.	1	100			0.09		Nil	Cu 0.01	0.04	5.20	2	"
1319.	4	1329.	5	10.	1	10.	1	100			0.15						2	"
1329.	5	1343.	4	13.	9	13.	7	100			0.09						2	"
1343.	4	1349.	6	6.	2	6.	2	100			0.18						2	"
1349.	6	1359.	1	9.	5	9.	5	100			0.11						2	"
1359.	1	1368.	6	9.	5	9.	5	100			0.07						2	"
1368.	6	1377.	8	9.	2	9.	2	100	0		0.08		Nil	Nil	Nil	2.10	2	"

SLUDGE

SAMP. NO.	SAMP. NO.	LBS. REC.	% REC. BY WT	SPLIT	ASSAY TOT. CU.	ASSAY OX CU	ASSAY MO S2
4040	N.S.						
4078	N.S.						
4018	N.S.						
4038	N.S.						
4126	N.S.						
4055	N.S.						
4121	N.S.						
4123	N.S.						
4135	N.S.						
4140	N.S.						
4147	N.S.						
4145	N.S.						
4127	N.S.						
4146	N.S.						
4152	N.S.						
4155	N.S.						
4165	N.S.						
4166	N.S.						
4168	N.S.						
4170	N.S.						
4171	N.S.						
4172	N.S.						
4173	N.S.						
4174	N.S.						
4175	N.S.						
4176	N.S.						
4177	N.S.						
4178	N.S.						
4179	N.S.						
4180	N.S.						
4181	N.S.						
4182	N.S.						
4183	N.S.						
4184	N.S.						
4185	N.S.						

COMBINED ASSAY

PERCENT 0.1 0.5 1.0

TOT. CU

DDH NO. G-25

STATE ARIZONA MINING DISTRICT LONE STAR
COUNTY GRAHAM PROJECT SAFFORD

COORDINATES 24065 N 22176 E DATE STARTED 1/27/58 DRILLING CO. Boyles
COLLAR ELEVATION 4616.9 DATE COMPLETED 1/30/58
COORDINATES 24110 N 22110 E FINAL DEPTH 2211.0
COLLAR ELEVATION 4616.9
INCLINATION Vert BEARING

CORE

FOOTAGE				L1		L2		% REC. BY FT.		LBS. REC.	% REC. BY WT.	TOT. CU.	OX CU	MO S2	ASSAY Au	ASSAY Ag	ASSAY S	CORE SIZE	SAMP. NO.
1377	8	1388	3	10	5	10	4					0 13							4478
1388	3	1402	0	11	7	11	7	100	0			0 21							4481
1400	0	1407	9	7	9	7	9	100	0			0 10							4482
1407	9	1417	0	9	1	9	1	100	0			0 16							4455
1417	0	1425	5	8	5	8	5	100	0			0 10							4484
1425	5	1435	4	9	9	9	9	100	0			0 14							4456
1435	4	1446	7	11	3	11	3	100	0			0 12							4458
1446	7	1453	4	6	7	6	7	100	0			0 10							4491
1453	4	1463	0	9	6	9	6	100	0			0 08							4492
1463	0	1466	6	3	6	3	6	100	0			0 11							4493
1466	6	1479	0	12	4	12	4	100	0			0 19		0 002	Nil	Nil	2 92		4495
1479	0	1490	3	11	3	11	3	100	0			0 11							4497
1490	3	1496	1	5	8	5	6					0 18							4498
1496	1	1507	7	11	6	11	6	100	0			0 19		0 002	Nil	Tr	3 06		4450
1507	7	1520	5	12	8	10	2					0 15							4327
1520	5	1527	5	7	0	7	0	100	0			0 17							4328
1527	5	1542	0	14	5	14	5	100	0			0 18		0 001	Nil	Nil	3 05		4330
1542	0	1553	5	11	5	11	5	100	0			0 18							9332
1553	5	1565	2	11	7	11	5					0 22							4334
1565	2	1574	1	8	9	8	8					0 17		0 002	Nil	Nil	3 02		4335
1574	1	1586	4	12	3	12	3	100	0			0 14							4337
1586	4	1596	6	10	2	10	0					0 24							4338
1596	6	1606	8	10	2	10	4	100	0			0 36							4339
1606	8	1617	3	10	2	10	2	100	0			0 27		Nil	Nil	Nil	3 40		4340
1617	0	1627	3	10	3	10	3	100	0			0 34							4341
1627	3	1637	4	10	1	10	1	100	0			0 25							4342
1637	4	1647	6	10	2	10	2	100	0			0 29							4343
1647	6	1657	8	10	2	9	7					0 16							4344
1657	8	1672	5	14	7	13	3					0 33							4345
1672	5	1682	7	10	2	10	2	100	0			0 18							4347
1682	7	1693	0	10	3	10	2					0 21							4348
1693	0	1702	9	9	9	9	5					0 18							4349
1702	9	1713	8	10	9	10	9	100	0			0 20							4351
1713	8	1724	5	10	7	10	7	100	0			0 25							4353
1724	5	1735	5	11	0	11	0	100	0			0 36							4354
1735	5	1748	2	12	7	12	7	100	0			0 16		0 002	Nil	Tr	3 03		9355
1748	2	1757	5	9	3	8	9					0 20							4356
1757	5	1767	4	9	9	9	9	100	0			0 21							4357
1767	4	1775	3	7	9	7	9	100	0			0 20							4361
1775	3	1786	7	11	4	11	4	100	0			0 18							

SLUDGE

SAMP. NO.	LBS. REC.	% REC. BY WT.	SPLIT	ASSAY TOT. CU.	ASSAY OX CU	ASSAY MO S2

COMBINED ASSAY

SAMP. NO.	PERCENT 0.1 0.5 1.0	TOT. CU

DDH NO. 6-25

STATE Arizona MINING DISTRICT Lone Star
COUNTY Graham PROJECT Safford

COORDINATES 24065 N 27170 E
COLLAR ELEVATION 4823 ft
INCLINATION -90° BEARING —

DATE STARTED 9/28/57 DRILLING CO. Boyles
DATE COMPLETED —
FINAL DEPTH —

FOOTAGE				L1		L2		% REC BY FT.	CORE LBS. REC.	CORE % REC. BY WT.	CORE ASSAY TOT. CU.	CORE ASSAY OX CU	CORE ASSAY MO S2	CORE ASSAY Au	CORE ASSAY Ag	CORE ASSAY S	CORE B.G.	CORE SIZE	SLUDGE SAMP. NO.	SLUDGE SAMP. NO.	SLUDGE LBS. REC.	SLUDGE % REC. BY WT.	SLUDGE SPLIT	SLUDGE ASSAY TOT. CU.	SLUDGE ASSAY OX CU	SLUDGE ASSAY MO S2	SLUDGE ASSAY Au	SLUDGE ASSAY Ag	SLUDGE ASSAY S	COMBINED ASSAY TOT. CU.
45	2	50	0	5	0	5	0	100	0		0.05						2.52	NX	3726	3726				0.05						
50.	0	58.	5	8.	5	8.	5	100	0		0.08						2.12		3727	3727				0.04						
58.	5	69.	2	10.	7	10.	0	92	5		0.06						2.50		3728	3728				0.05						
69.	2	79.	0	9.	8	9.	0	91	8		0.06		0.004	TR	NIL	0.62	2.26		3729	3729				0.03		0.003	TR	NIL	0.65	
79.	0	88.	7	9.	7	9.	7	100	0		0.03						2.64	NX WIRE LINE	3731	3731				0.02						
88.	7	99.	1	10.	4	8.	0	76	9		0.05						2.49		3732	3732				0.09						
99.	1	110.	0	11.	9	9.	6	80	7		0.04						2.73		3733	3733				0.03						
111.	0	121.	3	10.	3	10.	1	98	1		0.05		0.006	0.31	Ni	0.21	2.48		3735	3735				0.04		0.003	0.02	TR	0.16	
121.	3	129.	7	8.	4	6.	6	70	2		0.03						2.67		3736	3736				0.03						
129.	7	139.	7	10.	0	10.	0	100	0		0.03						2.27		3737	3737				0.03						
139.	7	154.	0	14.	3	8.	4	58	7		0.04								3739	3739				0.05						
154.	0	167.	5	13.	5	9.	6	71	1		0.05								3741	3741				0.05						
167.	5	179.	9	12.	4	10.	5	84	7		0.06																			
179.	9	186.	2	6.	3	5.	0	79	4		0.03						2.41		3743	3743				0.05						
186.	2	196.	2	10.	0	10.	0	100	0		0.14								3744	3744				0.04						
196.	2	213.	5	17.	3	11.	0	57	8		0.04		0.008	TR	Ni	0.08	2.47		3745	3745				0.09		0.002	TR	TR	0.14	
213.	5	224.	5	11.	0	10.	8	92	7		0.04								3746	3746				0.05						
224.	5	232.	5	8.	0	7.	8	97	5		0.05								3748	3748				0.05						
232.	5	242.	4	9.	9	9.	9	100	0		0.04		0.008	TR	Ni	0.47			3750	3750				0.04		0.004	TR	TR	2.84	
242.	4	250.	2	7.	8	5.	0	64	1		0.05								3626	3626				0.05						
250.	2	260.	2	10.	0	10.	0	100	0		0.19								3627	3627				0.06						
260.	2	267.	2	7.	0	7.	0	100	0		0.13								3628	3628				0.08						
267.	2	277.	3	10.	1	10.	0	99	0		0.16								3629	3629				0.11						
277.	3	285.	1	7.	8	6.	0	97	4		0.10								3631	3631				0.11						
285.	1	293.	8	8.	7	6.	8	78	2		0.09								3632	3632				0.09						
293.	8	305.	4	11.	6	11.	0	94	8		0.07								3633	3633				0.08						
305.	4	315.	3	9.	9	9.	9	100	0		0.03						2.55		3636	3636				0.05						
315.	3	328.	7	13.	4	13.	0	97	0		0.04						3.00		3638	3638				0.04						
328.	7	338.	5	9.	8	7.	3	74	5		0.09		0.005	TR	TR	0.63	2.56		3640	3640				0.03		0.002	TR	NONE	0.74	
338.	5	348.	7	10.	2	10.	2	100	0		0.03						2.54		3641	3641				0.03						
348.	7	358.	3	9.	6	8.	0	83	3		0.02						2.58		3644					0.03						
358.	3	368.	1	9.	9	9.	8	100	0		0.03		NIL	NIL	TR	0.01	2.51		3645					0.03		0.002	NIL	TR		
368.	1	380.	6	12.	5	12.	5	100	0		0.08						2.45		3647					0.10						
380.	6	388.	5	7.	9	7.	9	100	0		0.03						2.46		3649											
388.	5	399.	7	11.	2	9.	3	84	8		0.03						2.66		3267					0.18						
399.	7	408.	8	9.	1	9.	1	100	0		0.04						2.56		3903					0.07						
408.	8	420.	1	11.	3	11.	3	100	0		0.02						2.55		3904											
0	1	429.	8	9.	7	9.	7	100	0		0.02						2.53		3905											
11.	3	440.	5	10.	7	10.	7	100	0		0.02						2.48		3908											
12.	5	450.	1	9.	6	9.	6	100	0		0.03						2.59		3909											
0.	1	460.	3	10.	2	10.	2	100	0								2.54		3912											
2.	3	471.	7	11.	4	11.	4	100	0								3.25		3914											
1.	7	483.	5	11.	8	11.	8	100	0		0.02						3.37		3917											
3.	5	491.	5	8.	0	8.	0	100	0		0.02						2.93		3918											
11.	5	503.	5	12.	0	12.	0	100	0		0.02		0.003	NIL	TR	0.26	2.49		3920											
2.	5	513.	3	9.	8	7.	6	100	0		0.03						2.48		3922											
1.	3	523.	4	10.	1	9.	1	100	0		0.05						2.61		3924											
1.	4	531.	9	8.	5	8.	0	94	1		0.05						2.63		3776											
											0.23						2.77		3779											

V

DDH NO. G-25

STATE ARIZONA MINING DISTRICT LONE STAR
COUNTY GRAHAM PROJECT SAFFORD

COORDINATES 21,065 N 27,176 E
COLLAR ELEVATION 4816.9
INCLINATION VERT BEARING

DATE STARTED 9/25/53
DATE COMPLETED 10/3/53
FINAL DEPTH 2211.0

NG CO.
30/63

CORE																											SLUDGE										COMBINED ASSAY		
FOOTAGE				L1		L2		% REC. BY FT.		LBS. REC.	% REC. BY WT.	TOT CU.	OX CU.	MO S2	ASSAY Au	ASSAY Ag	ASSAY S	CORE SIZE	SAMP. NO.	SAMP. NO.	LBS. REC.	% REC. BY WT.	SPLIT	ASSAY TOT. CU.	ASSAY OX CU	ASSAY MO S2	PERCENT 0.1 0.5 1.0	TOT. CU	
1786.	7	1796.	5	9.	8	9.	8	100.	0			0.78		0.002	NIL	0.010	2.66		4365																
1796.	5	1806.	1	9.	6	9.	6	100.	0			0.18							4366																
1806.	1	1811.	4	5.	3	5.	3	100.	0			0.21							4367																
1811.	4	1821.	2	9.	8	9.	8	100	0			0.18							4368																
1821.	2	1831.	5	10.	3	10.	3	100.	0			0.19							4451																
1831.	5	1838.	9	7.	4	7.	4	100.	0			0.20							4369																
1838.	9	1849.	8	10.	9	10.	9	100.	0			0.12							4372																
1849.	8	1860.	9	12.	1	11.	8					0.22							4373																
1961.	9	1876.	6	14.	7	14.	7	100	0			0.20		NIL	NIL	NIL	2.64		4375																
1876.	6	1888.	4	11.	8	11.	9	100	0			0.27							4427																
1888.	4	1895.	9	7.	5	7.	5	100	0			0.12							4429																
1895.	9	1907.	3	11.	4	11.	4	100.	0			0.[illegible]							4437																
1907.	3	1917.	2	9.	9	9.	9	100.	0			0.21							4434																
1917.	2	1930.	6	13.	4	13.	4	100.	0			0.15							4436																
1930.	6	1940.	9	10.	3	10.	1					0.20							4437																
1940.	9	1951.	2	10.	3	10.	3	100.	0			0.18							4438																
1951.	2	1961.	4	10.	2	9.	8					0.12							4439																
1961.	4	1970.	1	8.	7	3.	9					0.10		0.002	NIL	TR	1.90		4440																
1970.	1	1976.	8	6	7	6.	7	100.	0			0.19							4441																
1976.	8	1985.	0	8.	2	7.	8					0.27							4442																
1985.	0	1995.	1	10.	1	10.	0					0.11							4443																
1995.	1	2004.	5	9.	4	9.	4	100.	0			0.22							4444																
2004.	5	2014.	6	10.	1	10.	0					0.14		0.003	NIL	TR	2.08		4445																
2014.	6	2024.	9	10.	3	10.	3	100.	0			0.18 0.22							N.C. 1044 4446																
2024.	9	2035.	1	10.	2	10.	2	100.	0			0.21							4447																
2035.	1	2045.	4	10.	3	10.	2					0.29							4448																
2045.	4	2055.	5	10.	1	10.	0					0.19							4449																
2055.	5	2066.	7	10.	2	10.	2	100	0			0.19		NIL	NIL	NIL	3.52		4450A																
2065.	7	2076.	0	10.	3	10.	3	100	0			0.20							4452																
2076.	0	2086.	1	10.	1	10.	1	100	0			0.21							4453																
2086.	1	2096.	4	10.	3	10.	3	100	0			0.24							4454																
2096.	4	2103.	9	7.	5	7.	5	100	0			0.27		0.001	NIL	NIL	2.04		4455																
2103.	9	2114.	1	10.	2	10.	2	100	0			0.35							4456																

DDH NO. G-25

STATE Arizona MINING DISTRICT Lone Star
COUNTY Graham PROJECT Safford

COORDINATES 21,065 ± N 27,176 ± E
COLLAR ELEVATION 4823 ft
INCLINATION BEARING

DATE STARTED 9/25/[illegible] DRILLING
DATE COMPLETED [illegible]
FINAL DEPTH

FOOTAGE				L1		L2		% REC. BY FT		LBS. REC.	% REC. BY WT.	TOT. CU.	OX CU	MO S2	ASSAY				S G	CORE SIZE	SAMP. NO.	SAMP. NO.	LBS. REC.	% REC. BY WT.	SPLIT	TOT. CU.	OX CU	MO S2				COMBINED A PERCENT 0.1 0.5 1.0	TOT. CU
531.	9	540.	5	8.	6	8.	6	100	0				0.	10					2.	56	3781												
540.	5	551.	5	11.	0	11.	0	100	0				0.	09					2.	63	3782												
551.	5	562.	4	16.	9	16.	9	100	0				0.	13					2.	55	3786												
568.	4	578.	0	9.	6	9.	0	93	8				0.	10	0.	02					3788	N.S.											
578.	0	592.	8	14.	8	14.	8	100.	0				0.	11							3791	N.S.											
592.	8	601.	3	8.	5	7.	3	85.	9				0.	04							3793	N.S.											

DDH NO. G-25

STATE Arizona MINING DISTRICT Lone Star
COUNTY Graham PROJECT Safford

COORDINATES 21,965.4 N 27,176.9 E
COLLAR ELEVATION 4816.9
INCLINATION Vert BEARING

DATE STAR[illegible]
DATE COMP[illegible]
FINAL DEPT[illegible]

FOOTAGE				L1	L2	% REC. BY FT.	LBS. REC.	% REC. BY WT.	CORE TOT. CU.	CORE OX CU	CORE MO S2	CORE ASSAY				CORE SIZE	SAMP. NO.	SLUDGE SAMP. NO.	LBS. REC.	% REC. BY WT.	SPLIT	SLUDGE ASSAY TOT. CU.	SLUDGE ASSAY OX CU	SLUDGE ASSAY MO S2
2114	1	2127	5	13.4	11.0				0.46	0.01							4458							
2127	5	2137	4	9.9	9.9	100.0			0.35								4459							
2137	4	2144	3	6.9	6.9	100.0			0.17 0.15		0.001 NIL	NIL NIL	NIL NIL	1.00 1.00			[illegible] 4460							
2144	3	2154	5	10.2	10.2	100.0			0.15								4461							
2154	5	2164	7	10.2	10.0				0.51	0.02							4462							
2164	7	2178	1	13.4	13.4	100.0			0.44	0.01							4464							
2178	1	2188	2	10.1	10.1	100.0			0.42	0.02	0.024	NIL	TR	0.80			4465							
2188	2	2198	3	10.1	10.1	100.0			0.26								4466							
2198	3	2208	0	12.7	12.7	100.0			0.25								4468							

DDH NO. G-25

STATE Arizona MINING DISTRICT Long Star COORDINATES 21,065 ± N 27,176 ± E DATE STARTED 9/25/52 DRILL

COUNTY Graham PROJECT Safford COLLAR ELEVATION 4823 ±1 DATE COMPLETED

INCLINATION BEARING FINAL DEPTH

FOOTAGE				L1	L2	% REC. BY FT.	LBS. REC.	% REC. BY WT.	TOT. CU	OX CU	MO S2	ASSAY			CORE SIZE	SAMP. NO.	SAMP. NO.	LBS. REC.	% REC. BY WT.	SPLIT	TOT. CU.	OX CU	MO S2				COMBINED PERCENT 0.1 0.5 1.0
601.	3	611.	5	10.2	10.0	98.0			0.11 / 0.04		0.001	Nil	Nil	0.01		SC1016 3795	N.S.										
~~611.~~	~~5~~	~~626.~~	~~7~~																								
611.	5	619.	0	7.5	6.9	92.0			0.06							3796	N.S.										
619.	0	632.	7	13.7	12.0	87.6			0.08							3799	N.S.										
632.	7	643.	0	10.3	9.6	93.2			0.05							4001	N.S.										
643.	0	653.	0	10.0	6.4	64.0			0.07							4002	N.S.										
653.	0	662.	8	9.8	9.8	100.0			0.10						BX	4003	N.S.										
662.	8	672.	4	9.6	9.6	100.0			1.21	0.65						4004	N.S.										
672.	4	682.	0	9.6	9.6	100.0			1.06	0.18	0.003	0.001	0.02	0.36		4005	N.S.										
682.	0	691.	8	9.8	9.8	100.0			0.13							4006	N.S.										
691.	8	701.	6	9.8	9.8	100.0			0.18							4007	N.S.										
701.	6	707.	2	5.6	5.4	96.4			0.13							4008	N.S.										
707.	2	716.	6	9.4	9.4	100.0			0.24							4009	N.S.										
716.	6	726.	5	9.9	9.7	98.0			0.26		0.003	0.001	0.02	1.62		4010	N.S.										
726.	5	736.	2	9.7	9.6	99.0			0.14							4011	N.S.										
736.	2	745.	8	9.6	9.6	100.0			0.21						BX	4012	N.S.										
745.	8	756.	0	10.2	10.2	100.0			0.13						[illegible]	4013	N.S.										
756.	0	766.	2	10.2	10.2	100.0			0.11							4014	N.S.										
766.	3	776.	4	10.2	10.2	100.0			0.10		Nil	Nil	Nil	1.75		4015	N.S.										
776.	4	786.	6	10.2	10.2	100.0			0.07							SC1019 4016	N.S.										
786.	6	796.	8	10.2	10.0	98.0			0.13							4017	N.S.										
796.	8	807.	0	10.2	10.1	98.0			0.14							4018	N.S.										
807.	0	817.	2	10.2	10.2	100.0			0.14							4019	N.S.										
817.	2	823.	6	6.4	6.4	100.0			0.13		0.004	Nil	Tr	0.20		4020	N.S.										
823.	6	833.	8	10.2	10.2	100.0			0.21							4021	N.S.										
833.	8	839.	4	5.6	5.6	100.0			0.21							4022	N.S.										
839.	4	849.	6	10.2	10.2	100.0			0.21							4023	N.S.										

AR- 032718

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LAND OFFICE
BUREAU OF LAND MANAGEMENT

JUL 26 1963

12 P.M.

PHOENIX, ARIZONA

EXHIBIT H

DDH NO. G-25 STATE Arizona MINING DISTRICT Ajo COORDINATES 2085 N 4478 E DATE F
COUNTY Pima PROJECT Sheppard COLLAR ELEVATION 2125 DATE CO... LETED
INCLINATION BEAR FINAL DEPTH

CORE

FOOTAGE				L1		L2		% REC. BY FT.		LBS. REC.	% REC. BY WT.	ASSAY TOT. CU.	ASSAY OX CU	ASSAY MO S2	ASSAY Au	ASSAY Ag	ASSAY S	S.G.	CORE
849.	6	859.	8	10	2	10	2	100.	0			0.16							
859.	8	864.	8	5	0	5	0	100.	0			0.22		Nil	Nil	Nil	0.16		
864.	8	874.	9	10	0	10	0	100.	0			0.21							
874.	9	884.	9	10	0	10	0	100.	0			0.17							
884.	9	896.	0	12	1	12	1	100.	0			0.68	0.09						
896.	0	905.	0	10	0	10	0	100.	0			0.21							
905.	0	914.	0	9	0	9	0	100.	0			0.11		0.002	Nil	Nil	1.59		
914.	0	924.	2	10	2	10	2	100.	0			0.17							
924.	3	934.	4	10	1	10	0	92.				0.10							
934.	4	944.	6	10	2	10	2	100.	0			0.12							
944.	6	953.	2	8	6	8	6	100.	0			0.13							
953.	2	963.	3	10	1	10	1	100.	0			0.11		Nil	Nil	Nil	3.15		
963.	3	973.	0	9	7	9	7	100.	0			0.13							
973.	0	983.	0	10	0	10	0	100.	0			0.17							
983.	0	993.	0	10	0	10	0	100.	0			0.15							
993.	0	1003.	2	10	2	10	2	100.	0			0.11		Nil	Nil	Nil	1.59		
1003.	2	1012.	3	9	1	9	1	100.	0			0.07							
1012.	3	1022.	5	10	2	10	2	100.	0			0.10							
1022.	5	1031.	3	8	8	8	8	100.	0			0.15							
1031.	3	1036.	9	5	6	5	6	100.	0			0.08							
1036.	9	1047.	1	10	2	10	2	100.	0			0.10		Nil	Nil	Nil	1.62		

SLUDGE

SAMP. NO.	SAMP. NO.	LBS. REC.	% REC. BY WT.	SPLIT	ASSAY TOT. CU.	ASSAY OX CU	ASSAY MO S2
4024							
4025							
4076							
4077							
4078							
4079							
4080							
4081							
4082							
4083							
4084							
4085							
4087							
4088							
4089							
4090							
4091							
4092							
4093							
4094							
4096							

COMBINED ASSAY

PERCENT 0.1 0.5 1.0

TOT. CU

DDH NO. G-3

STATE Arizona MINING DISTRICT Lone Star COORDINATES 20,446 N. 23,971 E DATE STARTED 7-26-56 DRILLING CO.
COUNTY Graham PROJECT Safford COLLAR ELEVATION ~~4397~~ 4240 DATE COMPLETED 1-17-57 Ac Clintock
INCLINATION 90° BEARING — FINAL DEPTH 1834.0'

CORE: FOOTAGE		Li	La	% REC. BY FT.	LBS. REC.	~~% REC.~~ BY WT.	ASSAY TOT. CU	ASSAY OX CU	ASSAY MoS2	ASSAY Au	ASSAY Ag	ASSAY Fe	ASSAY S	CORE SIZE	SAMP. NO.	SLUDGE: SAMP. NO.	LBS. REC.	% REC. BY WT.	SPLIT	ASSAY TOT. CU	ASSAY OX CU	ASSAY MoS2	ASSAY Au	ASSAY Ag	ASSAY Fe	ASSAY S	COMBINED ASSAY TOT. CU
15.0	24.0	9.0					0.02		0.002				0.21	NX	1	1				0.03		None	Tr	0.2	3.8	0.12	
24.0	34.0	10.0	7.1	71.0	=	0.008	0.02		0.005				0.14		2	2				0.04		None	Tr	0.10	4.2	0.13	
34.0	44.0	10.0	9.3	86.0	=	0.006	0.02		0.005				0.21		3	3				0.02		"	Tr	0.36	2.0	2.65	
39.0	44.0	5.0	4.3	86.0	=	0.007	0.014		0.004				0.16		4	4				0.02		None	Tr	0.01	3.7	0.56	
44.0	49.0	5.0	3.5	82.0	=	0.007	0.005		0.004				0.27		5	5				0.05		"	Tr	0.10	4.5	0.17	
												5.0															
49.0	59.2	10.2	9.9	97.0	=	0.008	0.05		0.004			10.5	0.30		6A												
59.2	68.8	9.6	7.1	74.0	=	0.007	0.05		0.004				1.05		6B												
68.8	72.1	3.3	1.0	33.0	=	0.005	0.05		0.003				1.46		6	6				0.03		None	Tr	0.05	2.5	5.40	
72.1	77.0	4.9	3.8	78.-	=	0.007	0.05		0.004				0.32		7	7				0.04		None	Tr	0.20	2.6	8.20	
77.0	81.0	4.0	4.0	100.-		0.005	0.05		0.003				1.17		7A												
81.0	90.4	9.5	5.4	57.-	=	0.007	0.03		0.004				0.41		8	8				0.07		None	Tr	0.10	3.7	0.85	
90.5	95.6	5.0	1.5	30.-	=	0.007	0.04		0.004				0.18		9	9				0.13		None	None	0.05	2.7	0.17	
95.5	102.5	7.0	2.2	31.-	=	0.007	0.17	0.04	0.004				0.19		10	10				0.08		"	"	0.10	2.8	0.14	

DDH NO. G-3

STATE ARIZONA MINING DISTRICT LONE STAR COORDINATES 20,446 N 13,471 E DATE STARTED 7/26/56 DRILLING CO.
COUNTY GRAHAM PROJECT GILA MTS. COLLAR ELEVATION 4237 4240± DATE COMPLETED 1-17-57 McCLINTOCK
INCLINATION -90° BEARING — FINAL DEPTH 1634.0

FOOTAGE	UNALT	CHLOR.	EPIDOTE	MONTMOR.	BIOTITE	KAOL.	HY. MICA.	ORTHO.	SER.	SIL.	STAGE NO.	Secure	ROCK TYPE	SECTION	CuSFeS4	CuFeS2	Fe+2	CuS2	CuS	MoS2	Hematite Limonite Jarosite	OXIDE ZONE: LEACHED CAVITIES-COLOR ETC. SULPHIDE ZONE-CHAR OF MIN. DISS. VEIN, ETC.	< INCL.	FRACTURING	GEOLOGY	LOG BY
0 - 24.0				?	R		1		3	3		R	Quartz Porphyry	Rhyolite							2	Abdt. diss. L.C. + Units. (hair-1/8-1/4") brown-red-black irreg. outline	irr. 25° fract	Fairly strong pre-Min - Core massive	Lite grey to white except on fractures + irreg. zones due to red + brown stn'g. Texture poorly preserved due to strong qtz-Sericite alteration. Quartz eyes abundant + rounded. Zone of stn'g due to extremely fine grained dissem. hematite and limonite - limonite + hematite strong on fractures showing remnants of former sulfides. L.C. abdt. Qtz eyes clear to slightly translucent. Small chrysacolla stgr. 1/4" @ 21' gray-greenish ivory alteration envelopes (Cement - calcium silicate?) around veinlets - green sericite (cement + veinlets) blebs of fine biotite?	
24.0 - 42.0				1-2	R								Qtz Diorite	Andesite							2	Red-brown stn. irreg. abdt L.C. + units as above	irreg	Medium to strong	Lite grey fine grained Rx - strongly sericitized - faint remnants of fine grained porphyritic texture - qtz eyes not abdt. In general as above + some daroite on fractures. @ 30-31 qtz porphyry (dike?) with biotite remnants to sericite or kyanite - large feldspars 1/4" - 1/8" to sericite	
42.0 - 58.2						?	?		3	3		R	Qtz. Diorite	Andesite							2	Same as above		Fairly strong	Same Rx - feldspars in silicified groundmass appear mutually brecciated - irregularly angular - replacement and alteration + / feet? Daroite in blebs + veinlets. Few percent 1/16" qtz. Porphyry eyes	
58.2 - 59.2													Qtz Va.									Hvy. buckwack + east Former sulfides	irreg	Intensely brecciated	Silicified + stained zone in qtz. diorite	
59.2 - 64.5				1		?	?		3	3		R	Qtz Diorite	Andesite			2				1	Dissem FeS2 plus L.C. - pyrite pseudomorphs		Moderately strong	FeSO4 + Kaolin zone at surface - many cavities to 6 mm throughout. Fairly abdt. weak veinlets 1/16" to 1/4".	
64.5 - 68.7				2-3					3	3		R	" "				2-3		1-2	2		abdt dissem. sulfides L.C. scarce	Low	Weak	chalcocite film on abdt. dissem. FeS2 + in fractures in pyrite. Grey-green zones of alteration along veinlets (cement + limonite?) + qtz-pyrite. Qtz eyes scarce. Rx strongly altered to white-lite grey. Hematite-limonite abdt along veinlets	
68.7 - 72.1				1-2					2	3		R	Same				1			2		Rx mottled red-brown + white abdt L.C. + sulfides	2-3% 1/2" irreg	Medium	Fractured zone - strong leaching + oxidation on fractures + veinlets. Dissem. sulfides in massive portions - chalcocite low - Qtz eyes low	
72.1 - 77.0				2					3	3		R-I	same				0-1					abdt L.C. + veinlets	irreg	strong -	Green blebs replacing qtz eyes? qtz eyes very scarce. Rx all leached + bleached	
77.0 - 81.0									"	"		R-I	Same				3	1		1		abdt fine grained disulfides + thin CuS coatings	25° 30°	Fair to Strong irreg	Same	
81.0 - 82.5												R-I	same				3	1		2		abdt L.C. + veinlets spotty diss. FeS2 low chalcocite in thin coating	60° 65°	Medium to strong	Fault + shr'd zone - strong oxidation - no quartz eyes	
82.5 - 86.2									3	3		R-I	Same				0	0				Same as 68.7-72.1		Medium - strong	Strong kaolinization @ 84.1 - entering fault zone - no qtz eyes	
86.2 - 87.9						?			2-3	2-3		O	same?				0	0		0-1		White Rx	?	Fault zone	Intensely sericitized zone - gouge + salt - Fault zone - broken?	
87.9 - 90.0						?			2-3	2-3		R-I	Diorite	Andesite				0-1		0-1		Dissem sulfide L.C. low	25° 55° 40°	Medium	No qtz eyes - thin Hematite-limonite in stgrs + coatings + bottle chalcocite	
90.0 - 97.5									2-3	2-3		R-I	Diorite	Andesite				0-1	0		1	L.C. low - medium w/ veinlets.	35° 90-35° 75-80 67-60°	Medium	No qtz eyes abdt. thin hematite-limonite 0-1% dissem + fractures	
97.5 - 102.5									3-4	1		R-I	Diorite	Andesite				-	-		-	no appreciable Mineralization	?	Fault zone	Strong oxidation + leaching	

R = remnant 1 = low 2 = Medium 3 = abundant 4 = abundant plus L.C. = bleached cavities abdt. = abundant

EXHIBIT H

DDH NO. G-3

STATE Arizona MINING DISTRICT Lone Star
COUNTY Graham PROJECT Safford
COORDINATES 20,446 N 23,471 E
COLLAR ELEVATION 4240 ± INCLINATION 90° BEARING —
DATE STARTED 7/26/56 DRILLING CO.
DATE COMPLETED 11/7/57 McClintock FINAL DEPTH 1834

FOOTAGE		Li	La	CORE % REC. BY FT.	CORE LBS. # oz REC.	CORE % REC. BY WT.	CORE TOT. CU	CORE OX CU	CORE MO Sz	CORE ASSAY Au	CORE Ag	CORE Fe	CORE S	CORE SIZE	CORE SAMP. NO.	SLUDGE SAMP. NO.	SLUDGE LBS. REC.	SLUDGE % REC. BY WT.	SLUDGE SPLIT	SLUDGE ASSAY TOT. CU	SLUDGE ASSAY OX CU	SLUDGE ASSAY MO Sz	SLUDGE ASSAY Au	SLUDGE ASSAY Ag	SLUDGE ASSAY Fe	SLUDGE ASSAY S	COMBINED ASSAY PERCENT 0.1 0.5 1.0	Core TOT. CU	Core OX Cu	Sludge TOT. Cu
102.5	108.5	6.0	2.0	33	-	—	0	OXE	0.09			0.001			0.38	11	11				0.06		NONE	Tr	0.05	4.1	0.22			
108.5	116.0	7.5	6.4	85	-	—	Tr		0.12	0.06	Tr				0.36	12	12				0.13		"	Tr	0.30	3.7	0.21			
116.0	123.5	7.5	7.0	93.5	31	12	Tr		0.33	0.03	Tr				2.06	13A													
123.5	128.5	5.0	3.3	66.0	10	14	Tr		0.66	0.04	Tr				4.75	13	13				0.44	0.04	NONE	Tr	0.10	3.4	2.85			
128.5	135.0	6.5	4.8	78.0	6	10	Tr		0.14	0.03	0.004				4.37	14	14				0.31	0.07	"	"	0.05	2.4	1.90			
135.0	141.0	6.0	3.5	58.0	12	8	Tr		0.24	0.01	0.005				2.60	15	15				0.25	0.04	"	"	0.20	1.9	1.15			
141.0	147.0	6.0	2.1	35.0	7	9	0	033	0.46	0.01	0.010				2.34	16	16				0.24	0.03	"	None	None	2.0	1.50	0.62	0.02	0.36
147.0	152.5	5.5	2.7	49.0	10	3	0	010	0.86	0.01	0.010				5.94	17	17				0.48	0.03	"	Tr	0.10	2.8	2.15			
152.5	160.0	7.5	6.2	83.0	21	5	0	015	0.73	0.02	0.006				4.64	18	18				0.46	0.05	"	"	0.05	3.2	2.75			
160.0	164.0	4.0	2.8	70.0	9	4	0	012	0.43	0.02	0.003				2.06	19	19				0.26	0.03	"	None	0.10	2.5	1.90			
164.0	171.0	7.0	4.4	63.0	16	4	0	025	0.25	0.01	0.015				4.08	20	20				0.26	0.01	"	"	0.05	2.4	1.80			
171.0	181.0	10.0	2.5	33.0	9	5	0	008	0.36	0.01	0.004				5.08	21	21				0.17	0.03	"	Tr	0.05	2.9	2.50			
181.0	184.0	3.0	1.6	75.0	5	10	0	010	0.36	0.02	0.006				2.66	22	22				0.17	0.01	NONE	Tr	0.05	3.0	1.90	0.52	0.03	0.25
184.0	189.0	5.0	2.7	48.0	5	4	0	007	0.57	0.02	0.004				3.16	23	23				0.34	0.01	"	Tr	0.05	5.2	2.05			
189.0	192.5	3.5	2.5	64.0	12	4	0	010	0.38	0.05	0.002				2.92	24	24				0.23	0.01	NONE	Tr	0.30	3.1	1.50			
192.5	198.0	5.5	3.5																											
198.0	203.5	5.5	1.5	43.0	5	3	0	006	0.35	0.01	0.001				2.94	25	25				0.23	0.03	0.004	Tr	NIL	—	2.62			
203.5	211.0	4.0	1.6	48.0	5	13	0	005	0.48	0.06	0.003				3.75	26	26				0.40	0.01	0.003	Tr	NIL	—	2.31			
211.0	222.0	11.0	10.6	96.0	43	4	0	005	0.26	0.01	0.003				2.65	27A														
222.0	232.0	10.0	6.9	68.0	24	5	0	005	0.17	0.01	0.002				2.21	27B														
232.0	242.0	10.0	10.00	100.0	—	—	0	006	0.31	0.01	0.005				4.31	27C														
242.0	252.0	7.0	6.1	87.0	26	3	0	005	0.20	0.04	0.005	Tr	NIL	7.25	3.84	27	27				0.25	0.01	0.003	Tr	NIL	—	2.12 Au			
252.0	261.5	9.5	9.5	100.0	40	12	0	005	0.08	0.02	0.003	Tr	NIL	6.80	2.03	27D														
261.5	266.0	4.5	4.5	100.0	18	11	0	011	0.28	0.04	0.004	Tr	NIL	6.45	1.74	27E														
266.0	275.0	9.0	8.2	89.0	32	2	0	005	0.15	0.02	0.004	Tr	NIL	6.15	1.59	27F														
275.0	282.0	7.0	7.0	100.0	29	7	0	010	0.11	0.02	0.006	Tr	NIL	5.90	1.63	27G														
282.0	287.0	7.0	5.8	83.0	23	10	0	005	0.02	0.02	0.026	"	"	6.30	1.37	27H														

Core 0 to 102.5 Sludge 0 to 189.0

Core 1 to 222.0

Core 2 to 287.0

Rig — Osgood

DDH NO. G-3

STATE Arizona MINING DISTRICT Lone Star
COUNTY Graham PROJECT Gila
COORDINATES 10,446 N 23,471 E
COLLAR ELEVATION 4207 4240 S
INCLINATION 90° BEARING —
DATE STARTED 7/26/56 DRILLING CO.
DATE COMPLETED 11/12/57 Reclamation
FINAL DEPTH 1834

FOOTAGE		UNALT	CHLOR.	EPIDOTE	MONTMOR.	BIOTITE	KAOL.	HY. MICA.	ORTHO.	SER.	SIL.	STAGE NO.	Textures	ROCK TYPE	SECTION	CuS/FeS4	CuFeS2	FeS2	CuS3	CuS	MoS2	Magnetite Hematite	Jarosite	OXIDE ZONE: LEACHED CAVITIES-COLOR ETC. SULPHIDE ZONE-CHAR OF MIN. DISS. VEIN, ETC.	< INCL.	FRACTURING	GEOLOGY	LOG BY
102.5	102.5									2	1		R	Rhyodacite											Same as 90.0 - 92.5	
103.3	111.5									2-3	2-3		R	Andesite				0	0	0		2-3	abdt L.C. + Stgrs	0-90°	Strong - very irregular	Strongly leached-bleached abdt fractures + stgrs.	
111.5	116.3									3-4	2		0 2-	Andesite					3-1		?	2	1	abdt LC + Violets	irreg	Strong 108-40° 110-50°, 112-60°, 113-0° 114-80°, 116-85°, 117-50° 118-20°, 121-65°, 128-90°	Extremely strong Sericitization. Abdt chrysocalla in stgrs + blebs. Core has yellow color due to MoO_2? - @ 114.5' 1" blob Chalcocite in vein of qtz-chrysocalla.	
116.3	121.5									3-4	2			Andesite					3			1		abdt. diosem. chalcocite		Strong 133-45°, 138-90°, 139-85°-25° dipping 141-90°, 144-84°, 1975-29° 153-79°, 155-80°, 156-44°	@ 116.3' 1/4" Violet FeS + strong chalcocite - extremely sericit. Lead Rx - good ready complete repl'ment by Chalcocite (of FeS) Several 1/4" Veinlets FeS heavily replaced by chalcocite	
121.5	157.5												0	Andesite					3	2				abdt FeS + thin coating chalcocite	45	Vein + fracturing Strong 158-46°-60-10° 159-0°, 163-70°, 164-70°, 165-50° 167-65°, 172-0-70°, 173-40° 174-0°, 178-0°-45°	Same Rx as above veinlets 1/16" - extremely soft core	
157.5	158.5															1									blob	
158.5	171.0													Andesite		2-3			2					chalcocite decreasing		Same as above	Same as above - core massive	
171.0	181.0													Andesite		2-3	1		2							" " " "	Chalcocite abdt on some fractures + in some FeS zones but generally low. Some Chalcopyrite @ 172 in Stgr with FeS + chalcocite - Serpentine argreen talc coating walls of stgrs of FeS	
181.0	189.9		3		2					3	2		0	Andesite	1	1	1-2	1-2						predom in fractures here disem.		Vertical to 30° strong 180-0°, 183-0°, 183-0°-40° 189-0°, 196-0°, 197-45° 198-0°	Good chalcocite in narrow stgrs, veinlets + barnite-chalcop FeS Steep fractures abdt poor chalcocite replacement of disem FeS some Zns (brown sphalerite - resin) - chlorite disem abdt white talc + Serpentine? lining walls of veinlets	
189.9	192.5		3							3-4			R	"	1	1-2	1-2	1						predom. in fractures		" " " "	Green diorite - mineralization as above but less intense + amount	
192.5	211.6		3							3-4	2-3		R	Andesite	1	1	1								30-0	strong	Green diorite, less barite-chalcop, base disseminated, fine-med sphalerite above - 196'-@ 200.6 5% on 1/4" Tourmaline? red stringers - silvery Mineral/lite green + white bl'd diorite - very fine gold disem FeS, laminated @ 210' = Minute specks realgar (arsenic)	
211.6	220.6		2							3-4	2-3		R	"			1-2	1									Dark green less bl'd - serpentine? alteration of rocks on fractures have irregular FeS - Pink alteration 220 - 222' lite grey - green - wavy strong Serpentine on fractures + along veins @ 215-220. Serpentine - Minerals tend to disappear as sulfides. Veinlets less than 1/16" predominate - blebs of Cov + Bn @ 225.	
220.6	223.0		1-2							3-4			R	"	1	1	1-2	?									
223.0	230.0									3-4				"	1	1	2	1						disem + fractures filling	30-60°	30° predom over 0 (vertical) 30-0 strong	Angular frags. up to 2" some larger blebs FeS replacing by green iron oxide's on qtz veinlets - some expansion + disintegration along veins + fractures.	
230.0	235.5													"											irreg	intense brecciation with Evaporated Veins 30° - post breccia massive + low Porosity	Dark grey - grey - few FeS - qtz stgrs 30-40° @ 232.0 1" qtz-FeS + buy chalcocite repl (30°) also @ 233 fractures @ 234.5 2" qtz - FeS, MoS_2 (80°)	
235.0	239.0		3-4	1	2-3					3	2-3			"				1			1						Dark grey fine grained porphyritic diorite - penetrated well developed 1/16" - strongly bl'd in adjacent bands around disseminations 1/16 - 1/32" Rusty brown qtz - FeS stgrs. - Qz breccia appearing	
239.0	249.2		3-4	2						1	1/2		2	Andesite	1		1	1			1			Sulfides here disem but wispy stgrs.	0-30	Massive core but abdt fractures	Some Rx but bl'd white - much silica in veins	
249.2	249.6										3			"													
249.6	266.4													"										Disem Loss	0-20	Less abdt fractures than above	same as above - Yellow mineral ? on Fracs.	
266.8	275.5													"			1-2							low disem high FeS in Porphyry		Same as above	Same Rx	

EXHIBIT H

DDH NO. G-3

STATE Arizona MINING DISTRICT Lone Star COORDINATES 20,446 E N 23,471 E DATE STARTED 7/26/56 DRILLING CO.
COUNTY Graham PROJECT Safford COLLAR ELEVATION 2040.6 DATE COMPLETED 11/17/56 McClintock
INCLINATION -90° BEARING — FINAL DEPTH 1634

CORE																					SLUDGE														COMBINED ASSAY		
FOOTAGE		L1	L2	% REC. BY FT.	LBS. REC.	Mo S. ~~% REC.~~ BY WT.	TOT. CU.	OX CU	MO S2	ASSAY Au	Ag	Fe	S	CORE SIZE	SAMP. NO.	SAMP. NO.	LBS. REC.	% REC. BY WT.	SPLIT	ASSAY TOT. CU.	OX CU	MO S2	Au	Ag	Fe	S	PERCENT 0.1 0.5 1.0	TOT. CU.									
289.0	297.0	8.0	5.0	63	29 11	0 027	0.14	0.02	0.016	Nil	Nil	6.80	2.38		27I																					
297.0	306.0	9.0	9.5	106.0	40 10	0 003	0.15	0.03	0.002	Tr	Nil	8.20	4.25		27J																					
306.0	314.0	8.0	8.2	102.0	30 13	0 005	0.25	0.03	0.003	Nil	Nil	7.45	2.97		27K																					
314.0	324.5	10.5	10.3	100.0	42 6	0 003	0.15	0.03	0.002	Tr	Tr	6.95	2.08		27L																					
324.5	333.0	7.4 8.5	8.0	100.0	28 12	0 005	0.16	0.03	0.003	Tr	0.20	7.45	3.61		27M																					
333.2	340.6	7.4	7.2	97.0	30 0	Tr	0.18	0.02	Tr	Nil	Nil	-	4.56		27N																					
340.80	348.0	8.4	7.9	94.0	32 13	0 007	0.10	0.02	0.004	Nil	Nil	6.70	-		27O																					
348.0	357.0	8.0	8.1	100.0	33 15	0 005	0.18	0.02	0.003	Nil	Nil	6.00	-		27P																					
360.0	370.3	10.3	8.1	81.00	18 2	Tr	0.13	0.02	Tr	Nil	Nil	6.25			27Q																					
370.3	379.0	8.7	8.4	97.0	17 6	Tr	0.08		Tr	Nil	Nil	5.75			27R																					
379.0	387.5	8.6	8.5	100.0	20 4	Tr	0.[illegible]	0.01	Tr	Nil	Nil	6.45			27S																					
387.5	392.5	5.0	5.0	100.0	12 10	Tr	0.[illegible]	0.02	Tr	Nil	Nil	4.80			27T																					
392.5	395.0	2.5	2.5	100.0	6 15	0 007	0.[illegible]	[illegible]	0.004	Nil	Nil	6.80			28	28				0.03	-	0.006	Nil	Nil	4.65	6.92									
395.0	403.0	8.0	7.0	87.5		0 010	0.[illegible]	[illegible]	0.006	Nil	Nil	7.60			29	29				0.02	0.04	Tr	"	"	7.80	4.47									
403.0	410.6	7.5	7.3	97.3		0 008	0.[illegible]	Tr	0.005	Tr	Nil	9.10			30	30				0.19	0.05	"	Tr	Tr	6.70	2.61									
																						0.016													
410.5	419.0	8.5	8.0	94.1	41 9	0 006	0.21	Tr	0.005	Tr	Tr	7.50			31	31				0.17	0.03	Tr	Tr	Nil	6.15	2.20									
419.0	422.0	3.0	3.0	100.0	7 0	0 002	0.1[illegible]	Nil	0.005	Tr	Nil	6.80			32	32	6.1			0.13	0.03	0.003 0.10	Nil	Nil	5.2									
422.0	431.0	9.0	8.7	96.6	25 11	0 005	0.0[illegible]	—	0.003	"	"	6.70			33	33	2.1			0.10	0.02	0.003	Nil	Nil	3.75									
431.0	432.0	1.0	1.0	100.0	2.1	0 004	0.04	—	0.003	"	"	8.50			34	34	1.8			0.05		0.002	—	—	4.60									
432.0	437.0	5.0	4.8	96.0	11 10	0 005	0.11	Tr	0.003	"	"	6.80			35	35	3.4			0.13	Tr	0.003	Tr	Nil	6.4									
437.0	448.0	7.0	7.8	86.6	18 5	0 010	0.10	Tr	0.003	Nil	"	8.30			36	36	5.1			0.13	"	0.003	Nil	"	6.7									
446.0	442.0	3.0	3.2	93.7	7 2	0 005	0.13	"	0.005	"	"	7.60			37	37	3.4			0.12	Nil	0.00[illegible]	"	"	5.7									
442.0	454.0	5.0	4.5	90.0	10 9	0 007	0.19	Nil	0.004	Tr	"	6.10			38	38	1.6			0.05	—	—	—	—	6.0									
454.0	456.0	2.0	2.0	100.0	4 12	0 005	0.15	Tr	0.003	"	Nil	4.40			39	39	1.1			0.13	0.01	0.003	Nil	Nil	5.4									
456.0	460.5	4.5	4.4	97.7	10.3	0 005	0.20	0.01	0.003	"	Nil	5.60			40	40	11.4			0.16	0.01	0.003	"	"	5.5									
460.5	463.0	2.5	0.6	24.0	1.1	0 015	0.20	0.01	0.003	"	"	5.60			41	41	5.1			0.17	0.01	0.003	"	"	4.1									
463.0	466.0	3.0	2.6	86.6	6 2	0 013	0.13	0.01	0.002	"	"	3.10			42	42	1.3			0.12	0.01	0.003	"	"	3.5									
466.0	467.0	3.0	2.7	90.0	6 5	0 013	0.01		0.002	"	"	5.40			43	43	4.7			0.12	0.01	0.004	Tr	"	5.0									
467.0	470.2	1.0	0.9	90.0	1 13	0 015	0.11	0.01	0.009	"	"	4.0			44																					
470.2	471.6	1.6	1.3	81.2	3.2	0 007	0.12	Tr	0.004	"	"	2.6			45	45	2.4			0.12	0.01	0.004	Nil	Nil	2.6									
471.6	477.0	5.4	5.0	92.5	11.7	0 008	0.15	0.01	0.005	"	"	5.0			46	46	2.3			0.13	0.01	0.004	Tr	"	4.2									
477.0	478.2	1.9	1.6	84.2	3 7	0 010	0.10	Tr	0.006	"	"	2.3			47	47				0.07		0.007	"	"	3.0									

SLUDGE

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Au = 0.34 oz/ton
Ag = 1.80

98

DDH NO. G-3

STATE ARIZONA MINING DISTRICT LONG STAR
COUNTY GRAHAM PROJECT SAFFORD

COORDINATES 10,446.9 N 23,471.9 E
COLLAR ELEVATION 4237 4240.6
INCLINATION -90° BEARING —

DATE STARTED 7/26/37 DRILLING CO.
DATE COMPLETED 11/17/37 MCCLINTOCK
FINAL DEPTH 1834

FOOTAGE		UNALT	CHLOR.	EPIDOTE	MONTMOR.	BIOTITE	KAOL.	HY. MICA.	ORTHO.	SER.	SIL.	STAGE NO.	ROCK TYPE	SECTION	CuS/FeS2	CuFeS2	FeS2	CU2S	CUS	MoS2	OXIDE ZONE: LEACHED CAVITIES-COLOR ETC. / SULPHIDE ZONE-CHAR OF MIN. DISS. VEIN, ETC.	< INCL.	FRACTURING	GEOLOGY	LOG BY
253.5	277.0												Andesite				1-2				low dissem - highly stgrs	0-30	Same as above	Same as above	
277.0	305.0		1-2							5-1	4-1		"		1	1	1-2	1			low dissem - highly stgrs	0-30	More abdt Chlor above	Same except more chalcopyrite as veinlets are 4 to 297 @ 298-301 = ½"-¾" qtz-fes - low chalcopy - the next ½"-1" envelopes of intense bly with extension of chlorite - 301-305 more abdt chalcop + some bornite + covellite	
305.0	309.0												"				1-2	1			med. dissem fes2 - highly stgrs	0-30	less abdt - medium cuts	some stgrs fes qtz - chalcopy + chalcocite	
309.0	317.5												"								low dissem.		pressure zone	Some Rx less stgrs.	
317.5	326.4												"			1	1					20°-45°	few fractures	Dark gray - black remgld porphyritic - few stgrs - less chalcop in fes2 stgrs.	
322.4	324.4																					20°	Low	Vein 20° strong bld envelope + stringers.	
324.4	333.2												"			1	1				dissem - low	0-20° 90°	Low	@ 324.5' - ½" qtz-cob vein + good chalcopy - fes2 - Tennantite - Wispy veins 35° - Sericite + small 4-½"-4" veinlets (2°-5°) - chalcocite present as small specks.	
332.2	341.9												"										Same angle but medium veinlets		
341.9	345.0												"				1-2				1st time			Same Rx - mineralization same but abdt dark gray mineral (Cerargyrite?) Poor chalcopy @ 342.8' (1" vein)	
345.0	353.5												"				1-2				dissem low except prod. veinlets - dissem less except veinlets		low - medium	Dense fine grd - no texture black Rx - chilled phase? stgrs with fes2 - qtz - black mineral? Some Rx - few veinlets - some minerals - Red qtz @ 342½' in dense vns (hematite) - abdt greenish Rx serpentine mostly in vnlt @ 344-353.5 low dissem except at vns.	
353.5	369.0																							Some Rx dissem fes2 - some abdt stgrs above - stgrs bi low - med.	
369.0	380.6	½								1-2	2-3		"		1	1	1-2	1			dissem fes2 low	0-90°	35-40° prdm low intensely cut medium	Dark fine grd diorite + abdt frags + matrix (Cauto breccia) of some composition angular to sub angular ½"-2" boundaries not sharp - frags usually lighter (alt'd?) Veins range from ½"-½" - bld envelopes of silicification + magnetite + diorite Some - but generally less mineralization - @ 383-384 good fes2 + chalcocite fes veins (muggy actinolite fes2)	
380.6	387.0																								
387.0	393.3											2	"		1	1					low dissem.	3-45°	Low - med	Same cauto breccia - good chalcopy - bornite in ½" stgrs (prd fes2) - stringy stgrs with mineralization + chalcocite cauto blebby - dissem + pockets	
393.3	409.0											2	"		3	1-2	3	1			prd. fracture filling except veinlets + vugs dissem sulfide	0-45°	Low - med	Same - dissem + stringy mineralization + bld veins + cauto veinlets	
409.0	418.0				5%																			More abdt + extremely fine grd fes2 - some Rx Some cauto breccia - some magnetite in sulfide veins @ 416-418 less chalcop.	
418.0	419.0																								
419.0	428.0												"		1	1	1					0-35°	prd. 35° low fracture	Some Rx - less mineralization. Dark green gray fine grd - except in bld envelopes around veinlets. - low diagram + blebs of sulfides - low energy chl 50-75% of core bld strong to moderate chlorite along veinlets - chalcocite fes2 - low magnetite + chalcopyrite	
428.0	437.5				2%																				
437.5	455.8				2%								"		5	1					low dissem + blebs of sulfides	0-35	moderate prdm except fractures	50-75% of core bld strong to moderate chlorite along veinlets - chalcocite fes2 low magnetite + chalcopyrite	
455.8	457.4	2	2								2-3		Rhyolite								abdt diss fes2 + fine grd disulphides	25-30°	low - medium intensity prdm 25-30°	White silicified? groundmass textured Rx looks like vesicular Rhyolite abdt dissem - green fine grained chlorite - fracture stgrs very low (qtz + fes2) 466 ½" vein fes2 + Qtz (as fine veins) no Cu in veins.	
457.1	471.6	2									3		"			1	3							Rx is very fine grd, 60-70% QTz + minor chlorite	
471.6	497		2								3		"		-	1	3				Fine fes2 + Cu fes2		scarce weak vnlt + fract w/ fes2 + Qtz	Same Rx Rhyo, major fine surfaces next to 30° veins some Cu fes2 fine + along fine surfaces — ore may be — aplite.	
497	515.3		2								3		"		-	1	3				Ditto		Ditto	Ditto - slight increase in qtz + Rhyo content - chlorite same, last 2' broken, small cut of diorite (?)	

EXHIBIT H

DDH NO. G-3

STATE Arizona MINING DISTRICT Lone Star COORDINATES 20,446.9 N 23,471.1 E DATE STARTED 2/26/56 DRILLING CO.
COUNTY Graham PROJECT Safford COLLAR ELEVATION 7040 ± DATE COMPLETED 1/17/57 McClintock
INCLINATION 90° BEARING — FINAL DEPTH 1834

CORE

FOOTAGE (from)	FOOTAGE (to)	L1	L2	% REC BY FT.	LBS. MoS2 REC.	MoS2 % BY WT	TOT. CU.	OX CU	MoS2	Au	Ag	Fe
478.9	480.0	1.1	0.8	72.7	1.4	[illegible]	0.13	TR	0.005	TR	NIL	3.1
480.0	481.7	1.7	1.6	94.1	2.15	[illegible]	0.10	"	0.005	"	"	3.1
481.7	482.7	1.0	0.8	80.0	1.2	[illegible]	0.12	"	0.005	"	"	3.0
482.7	485.1	2.4	1.1	45.8	2.2	0.010	0.62	0.01	0.006	"	0.2	5.7
485.1	487.2	2.1	1.2	57.1	2.3	0.010	0.11	0.01	0.006	"	TR	3.3
487.2	492.1	4.9	1.6	32.6	2.10	TR	0.14	TR	TR		NIL	3.3
492.1	494.0	1.9	1.5	78.9	2.13	0.007	0.15	0.01	0.004	TR	NIL	[illegible]
494.0	496.4	2.4	1.8	75.0	3.11	0.010	0.08	–	0.006	"	"	2.7
496.4	500.1	3.7	3.4	91.8	7.1	0.010	0.12	0.01	0.006	"	"	3.7
500.1	502.0	1.9	1.2	63.1	1.10	0.008	0.11	0.01	0.005	"	"	2.3
502.0	505.0	3.0	2.3	76.6	4.1	0.008	0.18	0.01	0.005	"	"	3.1
505.0	507.1	2.1	0.7	33.3	1.7	0.007	0.15	0.01	0.004	"	"	2.7
507.1	515.3	8.2	5.3	64.6	5.5	0.008	0.13	0.01	0.005	TR	TR	3.8
515.3	519.0	3.7	1.3	35.1	1.5	0.167	0.40	TR	0.100	"	NIL	6.8
519.0	521.5	2.5	1.1	44.0	0.14	0.012	0.10	TR	0.007	"	"	6.6
521.5	531.7	10.2	10.1	99.0	12.13	0.025	0.20	"	0.015	"	"	6.2
531.7	537.5	5.8	3.9	67.2	4.9	0.022	0.43	0.01	0.013	"	"	5.6
537.5	540.9	3.4	1.7	50.0	1.10	0.010	0.15	0.01	0.005	"	TR	5.0
540.9	545.0	4.1	3.1	75.6	3.10	0.010	0.14	0.01	0.006	"	NIL	5.5
545.0	551.0	6.0	1.5	25.0	1.3	0.003	0.15	0.01	0.003	"	"	3.1
551.0	556.0	5.0	2.2	44.0	2.1	0.005	0.10	0.01	0.003	"	"	2.6
556.0	561.1	5.1	1.9	37.2	1.13	0.005	0.10	0.01	0.003	"	"	3.2
561.1	568.1	7.0	4.1	58.5	5.2	0.007	0.32	TR	0.004	"	"	6.1
568.1	576.0	7.9	6.5	82.2	7.2	0.012	0.23	"	0.007	"	TR	5.7
576.0	579.2	3.2	2.1	65.6	2.2	0.008	0.07	–	0.005	"	NIL	5.3
579.2	581.0	1.8	1.7	94.4	3.2	[illegible]	0.16	TR	0.005	"	"	4.1
581.0	585.9	4.9	3.8	77.5	4.2	[illegible]	0.28	0.01	0.005	"	"	5.6
585.9	591.0	5.1	2.0	39.2	1.11	0.017	0.29	0.07	0.010	"	"	4.6
591.0	600.0	9.0	8.2	91.1	8.15	0.012	0.17	0.05	0.007	"	"	4.6
600.0	605.0	5.0	3.2	64.0	3.14	0.013	0.16	0.06	0.008	"	"	2.9
605.0	610.0	5.0	3.6	72.0	3.13		0.11	0.01		"	"	4.4
610.0	615.0	5.0	3.8	76.0	4.3		0.19	0.01				3.8
615.0	622.3	7.3	7.0	95.8	7.11		0.15	TR				3.2
622.3	626.0	3.7	0.4	10.8	0.5		0.24	0.01				4.1
626.0	632.0	6.0	4.6	76.6	4.12	0.008	0.10	TR	0.005	TR	None	5.3
632.0	633.2	1.2	0.8	66.6	0.14		0.16	0.01				6.6
633.2	642.0	8.8	7.8	88.6	9.11		0.07	–				6.1
642.0	646.5	4.5	3.3	73.3	3.8		0.18	TR				6.3
646.5	650.4	3.9	2.7	69.2	2.12		0.07					4.7
650.4	656.6	6.2	6.0	96.7	7.12	0.022	0.06		0.013	TR	None	5.7
656.6	665.0	8.4	8.5	101.1	10.13		0.21	0.01				7.4
665.0	675.0	10.0	8.1	81.0	10.7		0.12	0.03				9.1
675.0	680.5	5.5	3.1	56.3	3.4		0.19	0.01				6.0
680.5	686.0	5.5	1.4	25.4	1.3		0.10	TR				5.5
686.0	688.5	2.5	1.2	48.0	1.5	0.015	0.45	0.01	0.003	TR	TR	4.8
688.5	690.0	1.5	1.0	66.6	0.14		0.19	0.02				6.3
690.0	697.5	7.5	1.3	17.3	1.3		0.18	0.01				6.3
697.5	701.1	3.6	2.9	80.5	3.4		0.37	0.02				7.3
701.1	704.2	3.1	0.7	22.5	0.11		0.43	TR				7.2
704.2	713.0	8.8	7.6	86.3	8.15	0.005	0.35	TR	0.003	TR	None	6.7
713.0	718.0	5.0	3.8	76.0	4.9		0.33	TR				6.4
718.0	721.0	3.0	1.5	50.0	1.10		0.18	0.01				3.0
721.0	727.7	6.7	2.5	37.3	3.1		0.16	0.01				3.1
727.7	731.0	3.3	2.9	87.8	3.9		0.21	0.01				4.8
731.0	738.5	7.5	4.2	56.0	4.14	0.015	0.11	0.01	0.009	TR	None	5.4
738.5	745.5	7.0	7.0	100.0	9.4		0.06					11.5

SLUDGE

FOOTAGE (from)	CORE SIZE	SAMP. NO.	SAMP. NO.	LBS. REC. OZ	% REC. BY WT.	SPLIT	TOT. CU.	OX CU	MO S2	Au	Ag	Fe	S
478.9	AX	48	48				0.07	–	0.005	TR	NIL	2.5	
480.0		49	49				0.11	0.01	0.004	"	"	2.8	
481.7		50	50				0.11	0.01	0.003	"	"	3.0	
482.7		251	251				0.39	TR	0.003	"	"	5.7	
485.1		252	252				0.17	"	0.004	"	"	3.3	
487.2		253	253				0.22	0.08	*	"	"	3.3	
492.1		254	254				0.07	–	0.005	"	"	2.9	
494.0		254A											
496.4		255	255				0.10	TR	0.005	TR	NIL	3.1	
500.1		256	256				0.09	–	0.004	"	"	2.6	
502.0		257	257	7.0			0.20	TR	0.005	"	"	3.9	2.3
505.0		257A											
507.1		258	258	25.0			0.22	0.01	0.004	TR	NIL		1.57
515.3		259	259	11.35			0.45	TR	0.007	"	TR		2.06
519.0		260	260	11.70			0.20	0.01	0.007	"	"		0.73
521.5		261	261	28.15			0.20	0.01	0.008	"	NIL		1.25
531.7		262	262	11.25			0.22	0.01	0.007	"	"		1.44
537.5		263	263	8.05			0.17	TR	0.006	"	"		1.52
540.9		264	264	10.5			0.09	–	0.004	TR	0.2		1.30
545.0		265	265	16.3			0.08		0.004	"	TR		1.15
551.0		266	266	20.2			0.06		0.003	"	"		1.29
556.0		267	267	7.5			0.06		0.005	"	"		2.16
561.1		268	268	16.7			0.15	TR	0.004	"	"		4.58
568.1		269	269	5.2			0.13	0.01	0.007	"	"		4.30
576.0		270	No Sludge				~~0.20~~	~~0~~				Fe	S
579.2		271	271	14.6			0.17	0.01	0.005	TR	None	4.5	
581.0		272	272	8.6			0.16	0.06	0.005	"	"	3.8	
585.9		273	273	7.6			0.15	0.01	0.004	"	"	4.3	
591.0		274	274	14.6			0.12	0.01	0.004	"	"	3.7	
600.0		275	275	9.4			0.07	–	0.003	"	"	2.7	
605.0		276	276	0.9			0.07		0.004	"	"	3.2	
610.0		277	277	14.4			0.13	TR				4.6	
615.0		278	278	4.4			0.06	–	0.002	TR	None	2.4	
622.3		279	279	8.3			0.17	0.01				3.8	
626.0		280	280	7.3			0.10	0.01	0.013	TR	None	4.4	
632.0		281	281	1.5			0.11	0.01				5.5	
633.2		282	282	21.6			0.10	TR				5.0	
642.0		283	283	9.3			0.24	TR				5.9	
646.5		284	284	6.4			0.12	0.05				5.5	
650.4		285	285	11.2			0.12	0.02	0.014	TR	TR	5.3	
656.6		286	286	12.2			0.21	0.07				6.6	
665.0		287	287	14.7			0.15	TR				6.6	
675.0		288	288	16.1			0.21	0.01				6.9	
680.5		289	289	18.3			0.32	0.01				5.9	
686.0		290	290	23.8			0.21	0.01	0.003	TR	TR	5.7	
688.5		291	291	16.5			0.19	0.01				5.7	
690.0		292	292	18.8			0.18	0.01				6.2	
697.5		293	293	13.5			0.22	TR				7.2	
701.1		294	294	5.9			0.30	0.01				6.7	
704.2		295	295	22.6			0.31	0.01	0.004	TR	None	6.4	
713.0		296	None										
718.0		297	297	3.8			0.17	0.01				4.0	
721.0		298	298	22.4			0.18	0.03				3.6	
727.7		299	299	6.9			0.20	0.01				4.1	
731.0		300	300	13.3			0.10	0.02	0.004	None	None	8.4	
738.5		301											

COMBINED ASSAY

PERCENT 0.1 0.5 1.0 TOT. CU

Margin notes: Core 0.17 / 175' Sludge 0.8 / 175' — 9 to 585.9; Core 0.14 Sludge 0.16 — to 738.5

* Insufficient Samp

Plate

DDH NO. G-3

STATE ARIZONA MINING DISTRICT LONE STAR COORDINATES 20,446.9 N 23,471.3 E DATE STARTED 7/26/56 DRILLING CO.
COUNTY GRAHAM PROJECT SAFFORD COLLAR ELEVATION 4227.2040 − 6 DATE COMPLETED 11/17/57 MCCLINTOCK
INCLINATION 90 BEARING − FINAL DEPTH 1834

FOOTAGE		UNALT	CHLOR.	EPIDOTE	MONTMOR.	BIOTITE	KAOL.	HY. MICA.	ORTHO.	SER.	SIL.	STAGE NO.	TEXTURE	ROCK TYPE	SECTION	CU/FeS2	CuFeS2	Fe S2	CuS2	CuS	MOLS	OXIDE ZONE: LEACHED CAVITIES-COLOR ETC. / SULPHIDE ZONE-CHAR OF MIN. DISS. VEIN, ETC.	< INCL.	FRACTURING	GEOLOGY	LOG BY
515.9	528.8	✓									✓		?	Andesite (?)			1	3				Disc CuFeS2 + Cu Fe S2 w/ narrow Vns mm of pyr & chpy	30+	Weak -	Fn-grnd, dark grey diorite (?), massive, cut by 30°-40° fract to ½" containing py + chpy — bleaching along some fract — some con, indistinct fol, plane (½") - No alter except along fract.
528.3	537										✓			"			(−)	3-4				py + disc & along fract & grad out at 537			same as above - chpy present but very scarce - Local weak bleaching along some fract & veinlets, no veins SiO2 two sets of qtz-py veinlets; one about 90°, one flat at 20-40 steeper and are endless & do not contain majority of chpy.
537.	546.0													"										Scarce zones of slight bleaching of set of veins & narrow veinlets of qtz-poly (?) as at 457-515', no at 545 grades into qtz-poly.
545.0	561.0	?	2							2	4		½	Rhyolite (?)			(+)	3				py + disc & fract fillings - some chpy -		None	Qtz Porr (?) at 457-515, fn-grd, salt & gray porphyritic with qtz phens. - Limonite & chlorite & FeS2 throughout largely horizontal w/ odd disc FeS2 & minor chpy - some on fract. Faint Mottled Qtz poly (?) of altered diorite in zones in qtz stringers containing py - some strong - poor core recovery
561.1	562.2												½				+	4				Qtz-py veinlets w/ minor chpy			
562.2	577.0		2							3	✓		"	"			1	4	2			Some py + chpy, sc ? w/ dips of 30 fract & vein fillings	5/ft	Vert fract veins w/ bands 30-40° weak zones	Same Qtz Type - many qtz-salcite (?) veinlets to ½" Heavy pyrt at 562' - Texture still fn to med-grnds of altd Qtz
577.0	600.0		2							2	✓		?	Andesite			(+)	3	(+)					Same	Fn-grnd, Dense dark grey diorites, porphyritic w/ pheno to ½" Qtz & Kf, 3 narrow stringers qtz-py-chpy at 581', some grn chpy + py on fract & in veins — veins at 581 surrounded by ½" halo of qtz-py (Chloritic diorite?)
600.0	605.1	?		2							✓		?	Rhyolite				2				py on fine disc — weak		Weak	Same Qtz Porr at 545' - Fn-grnd, Siliceous Rx w/ Qtz eyes pheno to 1/16" - Mineralization weak py as Diss. - Fine specks & blebs of Chlorite (?)
605.1	627.0	?									4		?	"				2				minor ' veinlets		Weak	Rx as above - qtz eyes to ⅛", py as disc (fine grnd) and as narrow ⅛" veinlets
627.0	629													Mix											Qtz-poly & diorite (?) mixed
629	645 675	?												Andesite				1				py weak as disc - most in fract	30°	Weak	Diorite, fn grnd, dense, dark grey, contains many minor disc py, most py along fractures as veinlets & blebs chloritic bleaching fn grnd Qtz poly 6" at 650' Some bleaching along fract, also increase of py in fract
675 - 675.5														Andesite			(+)	2				py along fract		Low to fairly broken	- Narrow zone of qtz-poly, py & chpy in fract - Diorite
675.5	676.6													"											
676.6	688.0													"				1				py as disc & along fract, minor chpy very few py disc.		D:TO	- Predominately diorite w/ mineral particles of qtz-poly, one in badly broken & fract with oxides - Diorite as at 650' - Poor core recovery
688.0	700.0													Andesite											- Diorite fract w/ some qtz-poly on bleaching & favorable ant zone as fract are source of recovery points.
700.0	704.2													Andesite w/ Rhyolite											
704.2	710.2												?	Andesite			1-2	2				Narrow fract - Fair cleavage veinlets Low disc on fract sides	5-30	Massive core - steep Low	Dark grey-black fine grn'd, dense Low contact indefinite
710.2	731.5		2							2-3	2		½	Rhyolite			1-2	2			1-2	Narrow veinlets of FeS2 - Fair cleavage - Fair disc on (fine grn'd) of both	0-20	Low Small fracture on 20° - some steep Low Angle fractures	Lite grey porphyritic tx - rounding Qtz phenocrysts abundant Feldspar visible but hazy - 727.7 to 728.5 strong ferrug to alt. some specularite in FeS2 veinlets - odd ½" chlorite pseudomorphs after hornblende - Texture poor 727.7 - 728.5 -
731.5	744.5													Same								Same	Same	Same
744.5	779.0		1							3	1		"	"				1-2					Low	Same - No visible chpy - strong sericite -

EXHIBIT H

DDH NO. G-3

STATE Arizona MINING DISTRICT Lone Star COORDINATES 20,400 E N 23,400 E DATE STARTED 7/26/52 DRILLING CO.
COUNTY Graham PROJECT Safford INCLINATION -70° BEARING - FINAL DEPTH 1874 McClintock

Moved to G-3 Core G-2 Sludge

FOOTAGE		Li	Ls	% REC. BY FT.	LBS. MoS2 REC.	% REC. BY WT.	TOT. CU.	OX CU	MO S2	ASSAY Au	Ag	Fe	CORE SIZE
745.5	748.5	3.0	2.4	80.0	2.3		0.13	Tr				4.2	
748.5	751.0	2.5	2.0	80.0	2.1		0.16	Tr				4.6	
751.0	759.5	8.5	3.6	42.3	3.14		0.28	0.01				3.8	
759.5	769.5	10.0	6.3	63.0	7.4	0.005	0.07		0.003	None	Tr	6.3	
769.5	780.0	10.5	6.7	63.8	8.2		0.08					5.2	
780.0	790.0	10.0	5.2	52.0	6.15		0.13	Tr				4.9	
790.0	800.0	10.0	3.3	33.0	3.7		0.09					3.1	
800.0	802.5	2.5	1.4	56.0	1.3		0.15	0.01				7.0	
802.5	808.0	5.5	3.0	54.5	3.10	0.012	0.12	Tr	0.007	Tr	None	7.3	
808.0	818.0	10.0	10.0	100.0	12.4		0.16	Tr				5.1	
818.0	826.0	8.0	6.4	80.0	8.10		0.20	0.01				6.0	
826.0	830.0	4.0	1.0	25.0	0.15		0.17	0.01				3.5	
830.0	840.0	10.0	9.0	90.0	10.9		0.12	0.01				4.7	
840.0	846.0	6.0	2.6	43.3	2.10	0.006	0.10	0.01	0.005	True	None	3.4	
846.0	851.7	5.7	1.9	33.3	1.14		0.08					2.9	
851.7	856.0	4.3	2.1	48.8	2.4		0.05					2.9	
856.0	859.0	3.0	2.8	93.3	3.2		0.05					3.3	
859.0	863.0	4.0	2.1	52.5	2.1		0.09					4.2	
863.0	869.5	6.5	5.0	76.9	6.3	0.008	0.07		0.005	True	None	5.6	
869.5	880.0	10.5	10.5	100.0	11.12		0.05					5.8	
880.0	886.8	6.8	5.3	77.9	6.6		0.07					5.4	
886.8	892.0	5.2	2.3	44.2	2.12		0.09					3.8	
892.0	901.0	9.0	4.8	53.3	6.4		0.07					3.6	
901.0	906.0	5.0	1.3	26.0	1.2	0.013	0.08		0.008	None	None	3.0	
906.0	916.0	10.0	3.4	34.0	3.4		0.07					4.3	
916.0	921.5	5.5	4.7	85.4	4.12		0.14	0.01				3.2	
921.5	922.5	1.0	0.4	40.0	0.8		0.06					3.7	
922.5	935.5	12.0	10.0	83.3	13.9		0.09					4.4	
935.5	945.8	9.3	9.3	100.0	11.4	0.013	0.09		0.006	0.004	None	7.8	
945.8	951.1	5.3	5.3	100.0	12.7		0.09					5.6	
951.1	960.8	9.7	9.9	100.0	11.4		0.15					5.9	
↓	↓	↓											
963.5	968.7	5.3	4.7	88.6	5.0		0.06					2.8	
968.7	980.0	11.1	10.0	90.0	12.4		0.06					6.4	
980.0	984.0	4.0	2.7	67.5	3.0	0.010	0.09		0.006	Tr	Nil	4.2	
984.0	989.0	5.0	2.0	40.0	2.6		0.08					3.6	
989.0	994.8	5.8	5.8	73.5	6.10		0.06					3.4	
994.8	1005.3	10.5	9.3	94.2	11.4		0.07					4.5	
1005.3	1012.3	7.0	4.1	58.5	6.0		0.08					4.5	
1012.3	1019.5	7.2	6.1	84.5	7.0	0.008	0.08		0.006	Tr	Nil	5.8	
1019.5	1026.7	7.2	7.9	94.3	8.12		0.07					5.6	
1026.7	1033.2	6.5	8.2	6.12			0.11	None				3.7	
1033.2	1038.0	4.8	5.3				0.12	None				3.5	
1038.0	1043.0	5.0	3.9				0.06	None				4.2	
1043.0	1053.0	10.0	5.4				0.09					4.2	
1053.5	1057.0	3.5	3.2				0.11	0.005				4.0	
1057.0	1064.5	7.5	7.2				0.19	0.02				3.6	
1064.5	1069.5	5.0	3.9				0.08					3.2	
1069.5	1074.7	5.2	4.9				0.13					3.4	
1074.7	1080.0	4.3	1.6				0.08					3.2	

SAMP. NO.	SAMP. NO.	LBS. REC.	% REC. BY WT.	SPLIT	ASSAY TOT. CU.	ASSAY OX CU	ASSAY MO S2	ASSAY Au	ASSAY Ag	ASSAY Fe	ASSAY S
302											
303											
304	304	12.6			0.18	0.01				6.0	
305	305	18.4			0.07		0.005	None	None	8.0	
306	306	10.6			0.11	0.01				10.0	
307	307	16.3			0.11	0.01					
308											
309	309	3.5			0.12	Tr				7.3	
310	310	15.3			0.13	Tr	0.004	Tr	None	6.6	
311	311	26.6			0.15	Tr				5.6	
312	312	25.7			0.14	None				5.0	
313	313	11.4			0.09					3.3	
314	314	34.9			0.09					3.9	
315	315	19.9			0.08		0.009	None	None	4.2	
316	316	9.4			0.10	None				4.0	
317	317	13.1			0.07					4.2	
318	318	3.5			0.06					4.8	
319	319	10.3			0.07					4.5	
320	320	10.8			0.08		0.008	True	None	5.6	
321	321	22.9			0.07					4.8	
322	322	27.9			0.09					4.5	
323	323	27.9			0.09					4.3	
324	324	41.9			0.07					4.3	
325	325	18.1			0.03		0.004	None	None	3.7	
326	326	18.7			0.10	0.04				4.0	
327	327	7.4			0.05					5.3	
328	328	7.3			0.07					6.4	
329	329	29.5			0.07					6.9	
330	330				0.0						
331	331	8.8			0.08					6.4	
332											
333											
334											
335	335	10.2			0.03		0.007	Tr	None	5.1	
336	336	21.9			0.14	0.05				9.2	
337	337	26.1			0.06					4.8	
338	338	2.9			0.07					5.2	
339	339	20.4			0.06					4.5	
340	340	15.5			0.08		0.003	Tr	Tr	4.6	
341	341	17.5			0.07					4.2	
342	342	11.5		D	0.08					3.7	
343	343	5.25			0.09					5.2	
344	344	11.5			0.11	0.05				4.6	
345	345	6.0			0.08		0.004	0.005	None	6.2	
346	346	13.6			0.08					4.8	
347	347	25.5			0.10	0.06				4.5	
348	348	9.0			0.05					6.7	
349											
350	350	1.35			0.08		0.015	Tr	None	12.8	
451	451	2.7			0.06		0.004			5.6	

COMBINED ASSAY — PERCENT 0.1 0.5 1.0 — TOT. CU

DDH NO. G-3

STATE ARIZONA MINING DISTRICT LONE STAR
COUNTY GRAHAM PROJECT SAFFORD

COORDINATES 10,446.9 N. 23,871.9 E
COLLAR ELEVATION 4239 2040.6
INCLINATION -90 BEARING -

DATE STARTED 7/26/56 DRILLING CO.
DATE COMPLETED 11/12/57 MacClintock
FINAL DEPTH 1934

FOOTAGE		UNALT.	CHLOR.	EPIDOTE	MONTMOR.	BIOTITE	KAOL.	HY. MICA.	ORTHO.	SER.	SIL.	STAGE NO.	Replace	ROCK TYPE	SECTION	CU3FES4	CUFES2	FES2	CU2S	CUS	MOS2	OXIDE ZONE: LEACHED CAVITIES-COLOR ETC. / SULPHIDE ZONE-CHAR OF MIN. DISS. VEIN, ETC.	< INCL.	FRACTURING	GEOLOGY	LOG BY
779.0	781.5									2	2			Rhyolite			1-2	1-2				typ of remains of py		low	As above w/ med-low anct qtz
781.5	790.0																						30	"	Same as 745.6 - 790
790.0	802.0									3	3		0	same				2-3				fine gr'd diss py + med amount in thin stgrs	30-0	predom 30°- weak	texture very poor - about 9% fg qtz + scanty wht kaol + chlorite as ferromag remainder = same fine gr'd granular chlorite in zones (may be secondary) = lite grey-white Rx - sulphide inclusions = qtz - Sericite Type
802.0	811.0									3	3		4	"				2-3			1				Same but few seams of qtz - MoS2 scattered thru zone
811.0	818.5									2	3		5	"				2-3							Same but no visible MoS2
818.5	821.0 / 821.6									3	3		"	"		1		2-3							Small amount of visible chalcopyrite in qtz-py stgrs
821.0	826.0									3	3		4	"											Same as 750-821
826.0	827.0									3	3		4	"							1				Few MoS2 qtz stgrs as 821-826
827.0	835.0									3	3		5	"											Same as 790-802
835.0	846.0		2							3	3		5	"			1	2-3				Small blebs - disseminated chalcopy			Same as 790-802 but rarely about small blebs of X blende remnants of Gr coarse - Scanty chalcopy. Texture as above
846.0	852.0																								alteration less - feldspar phenocrysts visible - less Py
852.0	880.7		2							3	3		"	"			1	2							Same as 790-850 with few visible blebs chalcopy made up fine gr'd chloritic zones
880.7	941.7		2							3	3		"	"			1	2				fine - med gr'd disseminated + 1/16" - 1/8" veinlets of qtz - Minor chalcopyrite		low - predom 30-45° Few 0° - Not abundant	White - lite grey, finely granular rock predominately quartz + lesser amts of Sericite - highly altered - texture all secondary - few feldspar remnants sericitized - former porphyritic texture - about rounded quartz eyes 1/8" - Some fresh looking feldspar colorless probably albite + secondary chlorite about as small 1/8" - lathes alter ferromags also as granular blebs,
941.7	950.3		2							3	3		-	"			1	2			1	same	same	Same Rx but moly in siliceous stgrs
950.3	968.9		2										2				1	2				same	same	Rx less altered - feldspars well defined - texture looks primary: few feldspars have pinkish color - fine gr'd groundmass lite grey-lite buff
968.9	989.0		2							3	3		"	"								same	same	Same as 880.7 - 941.7 - granular texture
989.0	998.0		2																						Same as 950.3 - 968.9
998.0	1028.4		2							3	3		04	-			1	2				same	few same	Same as 880.7 - 941.7
1024.4	1027.7		1-2							2	2		12	"			1	2			1	same	4% same 30°	Similar To 950.3 - 968.9 - Rx buff Few Narrow qtz stgrs - Few also Sulfide dissem up to 1/4" blebs - Larger blebs associated with lite green chlorite (Cu?) Few stgrs (in chalcop?) Few qtz stgrs show darker grey halo with visible Narrow seams mainly - no qtz eyes - Some fine Dissem pyr.
1027.7	1051.0		1-2							3	3		0	"			1	2			0-1	Little or no Moly - Mostly about Sulfide in stgrs + diss.	" same	Similar Color - lite grey - few buff Rx qtz eyes good sericite Rx Narrow chalc stgrs - 1/8 to 1/4" prod Few - Some chalcop - Few moly Texture largely same except for narrow stgrs less of Remnants of 1024.4 - 1027.7.
1051.0	1064.8		"							"	"		"	"			1-2	"			1			same
1064.8	1092.8		"							"	"		"	"			"	"			"	Sulfides Low - diss + stgrs as above	" same	Same but more visible chalcop + moly than above
1092.8	1094.8		"							"	"		"	"			"	"			"	same	" " but lower stgrs.	Similar with darker zones of alteration Especially around stgrs - visible chalcop in few stgrs + diss
																									same

EXHIBIT H

DDH NO. G-3

STATE Arizona MINING DISTRICT Lone Star COORDINATES 20,446 E N 23,471 E DATE STARTED 7/26/56 DRILLING CO.
COUNTY Graham PROJECT Safford COLLAR ELEVATION 2040 E DATE COMPLETED 11/17/57 McClintock
INCLINATION 90° BEARING — FINAL DEPTH 1834

CORE

FOOTAGE				Li		% REC. BY FT.	LBS. U3O8 REC.	% REC. BY WT.	TOT. CU	OX CU	MO	ASSAY Au	ASSAY Ag	ASSAY Fe
1089.0	1092.0	3.0	1.3	43.3	1.8	0.010	0.09		0.006					3.6
1092.0	1092.1	0.1	0.05	50.0	0.0				0.004					6.5
1092.1	1098.8	0.7	0.7	100.0	0.7	0.007	0.09							7.9
1093.8	1099.3	6.5	2.0	30.7	1.12	0.003	0.07		0.002	Tr	None			2.3
1099.3	1110.9	11.6	1.7	14.6	1.12	0.015	0.15	0.02	0.003					2.4
1110.9	1120.9	10.0	2.2	22.0	2.5	0.005	0.15	0.01	0.003					3.5
1120.9	1129.5	8.6	2.3	26.7	2.2	0.005	0.11	0.01	0.003					3.0
1129.5	1134.7	5.2	3.1	59.6	3.12	0.007	0.25	0.01	0.004					2.3
1134.7	1143.8	9.1	6.1	67.0	6.13	0.003	0.20	0.01	0.002	Tr	None			4.0
1143.8	1151.6	7.8	7.5	96.1	2.11	0.003	0.19	0.01	0.002					3.1
1151.6	1161.5	9.9	—				No Core							3.6
1161.5	1168.7	7.2	1.2	16.6	1.2		0.05							
1168.7	1174.3	5.6	4.1	73.2	4.4		0.10	0.01	0.010					4.6
1174.3	1183.6	9.3	7.5	80.6	8.1	0.010	0.10	0.01	0.008	Tr	None			3.4
1183.6	1193.2	9.6	9.6	100.0	11.1		0.11	0.02						3.0
1193.2	1199.9	6.7	1.3	19.4	1.10		0.28	Tr						3.2
1199.9	1209.5	9.6	8.3	86.4	13.4		0.23	0.01						6.6
1209.5	1219.5	10.0	3.4	34.0	3.0		0.09							3.2
1219.5	1229.0	9.5	5.5	57.8	8.8	0.015	0.08		0.009	Tr	None			2.6
1229.0	1239.0	10.0	4.8	48.0	5.3		0.16	0.02						2.2
1239.0	1248.9	9.9	9.0	90.9	10.4		0.20	0.03						2.7
1248.9	1258.9	10.0	9.5	95.0	9.8		0.11	0.02						3.3
1258.9	1268.9	10.0	6.7	67.0	6.12		0.18	0.02						2.8
														3.5
1268.9	1278.9	10.0	10.6	100.0	9.15	0.012	0.21	Tr	0.007	Tr	None			3.7
1278.9	1288.9	10.0	7.8	78.0	9.0		0.24	0.03						3.9
1288.9	1294.9	6.0	1.8	30.0	1.8		0.52	0.09						3.4
1294.9	1304.9	10.0	1.4	14.0	1.4		0.41	0.05						5.6
1304.9	1309.9	5.0	2.3	46.0	3.12		0.19	0.01						5.6
1309.9	1319.5	9.6	9.1	94.7	10.6	0.005	0.21	Tr	0.003	Tr	Tr			6.4
1319.5	1327.2	7.7	6.7	87.3	5.0		0.12	0.01						5.6
1327.0	1328.2	1.2	1.2	100.0	3.15		0.19	0.01						5.5
1328.2	1338.2	10.0	8.2	82.0	7.9		0.20	Tr						5.3
1338.2	1343.2	5.0	5.0	100.0	5.8		0.95	Tr						6.5
1343.2	1353.2	10.0	10.0	100.0	11.0	0.008	0.39	Tr	0.005	Tr	Tr			6.8
1353.2	1361.8	8.6	3.2	37.6	3.4		0.20	None						6.9
1361.8	1371.8	10.0	1.4	14.0	1.2		0.37	Tr						5.5
1371.8	1381.8	10.0	6.3	63.0	6.4		0.28	None						4.0
1381.8	1390.8	9.0	4.1	45.5	4.2		0.33		0.008					3.1
1390.8	1395.8	5.0	5.0	100.0	5.4	0.013	0.64		0.008	Tr	Tr			2.8
1395.8	1403.8	8.0	7.0	87.5	9.4		0.52							4.2
1403.8	1407.4	3.6	3.6	100.0	4.0		0.32							5.2
1407.4	1417.4	10.0	10.0	100.0	11.2		0.18							5.0
1417.4	1427.4	10.0	10.0	100.0	11.0		0.21							3.4
1427.4	1432.8	11.4	10.0	87.7	11.4	0.005	0.14		0.003	0.003	0.25			3.8
1432.8	1444.4	5.6	4.6	82.1	5.3		0.13							3.3
1444.4	1454.4	10.0	10.0	100.0	10.4		0.12							4.1
1454.4	1464.4	10.0	2.9	27.0	3.8		0.11							2.6
1464.4	1474.4	10.0	10.0	100.0	12.4		0.32							4.3
1474.4	1484.4	10.0	6.3	63.0	7.3	0.005	0.10		0.005	Tr	0.20			2.9
1484.4	1492.4	8.0	2.9	36.2	3.4		0.21							3.1
1492.4	1501.4	9.0	8.2	91.1	8.16		0.26							2.8
1501.4	1511.4	10.0	2.0	20.0	2.1		0.11							2.7
1511.4	1521.4	10.0	8.7	87.0	10.4		0.11							2.9
1521.4	1526.4	5.0	1.9	38.0	1.14	0.005	0.14		0.003	Tr	0.15			3.1
1526.4	1528.0	1.6	1.6	100.0	1.12		0.24							4.0

SLUDGE

CORE SIZE	SAMP. NO.	SAMP. NO.	LBS. REC.	% REC. BY WT.	SPLIT	ASSAY TOT. CU	ASSAY OX CU	ASSAY MO	ASSAY Au	ASSAY Ag	ASSAY Fe
	452	452	1.41			0.05					
	453	453	1.35			0.06					
	454	454	5.4			0.11	0.03				
	455	455	1st 2.63			0.12	0.03	0.013	Tr	None	5.0
	456	456	2nd 2.51			0.12	0.03				4.3
	457	457	3.52			0.11	0.02				5.8
	458	458	2nd 4.08			0.11	0.02				4.7
	459	459	2.7			0.14	0.03	0.002			5.1
	460	460	30.07			0.14	0.03	0.002	Tr	None	5.6
	461	461	30.53			0.14	0.03	0.003			5.3
	462	462	11.7			0.11	0.02	0.003			6.1
	463	463	2nd 5.45			0.16	0.02	0.004			7.3
	464	464	32.82			0.15	0.03				4.8
	465	465	18.68			0.13	0.03	0.002	Tr	None	7.0
	466	466	11.85			0.11	0.02				6.0
	467	467	12.75			0.19	0.02				5.9
	468	468	6.72			0.15	0.01				10.9
	469	469	12.6			0.13					6.6
	470	470	15.5			0.16		0.003	Tr	Tr	6.2
	471	471	14.3			0.13					6.1
	472	472	8.6			0.19					6.4
	473	473	19.8			0.15					6.8
	474	474	16.1			0.15					6.0
	475	475	11.7			0.16		0.004	Tr	None	5.2
	476	476	4.5			0.15					7.4
	477	477	8.2			0.18	0.04				7.3
	478	478	6.7			0.19	0.03				9.2
	479	479									
	480	480	3.1			0.16	0.01	0.002	Tr	0.10	12.3
	481	481	7.5			0.32	0.01				6.3
	482	482	6.6			0.16	0.01				7.3
	483	483	7.7			0.16	0.01				8.7
	484	484	9.1			0.56	0.01				12.0
	485	485	4.5			0.41	0.01	0.002	Tr	0.15	9.8
	486	486	2.8			0.27	Tr				8.8
	487	487	7.8			0.66	0.21				
	488	488	14.5			0.35	0.01				
	489	489	9.6			0.26	0.01				5.5
	490	490	3.6			0.26					4.8
	491	491	9.5			0.28					
	492	492	4.5			0.33					
	493	493	2.1			0.25					
	494	494	7.1			0.24					
	495	495	6.9			0.19		0.002	Tr	Tr	
	496										
	497	497	13.2			0.12					
	498	498	24.8			0.15					
	499	499	34.4			0.13					
	500	500	16.8			0.12		0.002	Tr	None	
	701	701	20.4			0.13					
	702	702	4.9			0.15					
	703	703	2.9			0.08					
	704	704	9.6			0.11					
	705	705	5.7			0.09		0.002	Tr	None	
	706										

COMBINED ASSAY

PERCENT 0.1	0.5	1.0	TOT. CU

AR-0227-12

DDH NO. G-3

STATE ARIZONA MINING DISTRICT LONE STAR COORDINATES 10,446.9 N 17,471.9 E DATE STARTED 7/26/57 DRILLING CO.
COUNTY GRAHAM PROJECT SHEFFORD COLLAR ELEVATION 4237.2040.6 DATE COMPLETED 11/21/57 McClintock
INCLINATION -90 BEARING — FINAL DEPTH 1834

FOOTAGE		UNALT	CHLOR.	EPIDOTE	MONTMOR.	BIOTITE	KAOL.	HY. MICA	ORTHO.	SER.	SIL.	STAGE NO.	ROCK TYPE	SECTION	CUSFES4	CUFES2	FES2	CU2S	CUS	MOS2	OXIDE ZONE: LEACHED CAVITIES-COLOR ETC. / SULPHIDE ZONE-CHAR OF MIN. DISS. VEIN, ETC.	V INCL.	FRACTURING	GEOLOGY	LOG BY
1099.3	1129.5		1-2							1		3-4	Rhyolite			1	1-2			1	low-med diss Sulfds Pred FeS + visible low amts chalcop-Minor Moly in few stgrs	few 70-90°	low - small narrow vnlets	Good qtz eyes 5% no visible contact (Breccia in Answer core) a bit sooth chlorite bathes - Rx relatively fresh - sugary Tex but to good mass chloritic alt along vnlets - some association with chlorite by chalcop	
1129.5																									
1129.5	1151.6									3	3	3-1	"											Same except strongly alt'd - 20% of core relatively fresh as above - some association with chlorite by chalcop	
1151.6	1161.5																							No Core	
1161.5	1179.0		1-2							1-2	1-2	3-1	"		1		1				Few stgrs FeS, low chalcop in FeS stgrs + Dissem - Pyr 5 low	few T-20	low	Core 50% 20% d/core rubbled to sugary tex core - rest relatively grey fresh - Texture visible -	
1179.0	1198.0		1							1	1	3-2	"		1		1				Same	"	same	All most all relatively fresh - good tex vns - Calhypes wall defined Pred alt'd qtz - eye.	
1191.0	1206.0		1							3	3	3-1	"		1		1							Same as 1179.0 - 1191.0	
1206.0	1221.0											3-2	"		1		1							Same as 1191.0 - 1206.0	
1221.0	1243.0											3-1	"		1		1							Same as 1179.0 - 1191.0 but more calcite in fractures	
1243.0	1266.5		1-2									3-2	"		1		1							Same rock - predom. Relatively fresh type - with narrow altd zones - very few sulfides	
1266.5	1277.3		1-2									3-2	"											Few visible mely assoc with chl blebs or FeS2 - qtz eyes	
1277.3	1299.0									1	1	3-2	"											Same mostly relatively fresh as 1179-1191 here sulfds - qtz eyes	
1299.0	1321.0		1-							2	2	3-1	"		1		1					"	low -	" mostly strongly alt'd - qtz - eyes	
1321.0	1343.0										4	0-1	"			1-2	1-2					"	low	Strong dark grey silic. some blebs of FeS2 in good Fe Sec chalcop qtz-eyes	
1343.0	1348.0											3-2	"			1-1	1-2				good Chalcop in stgrs dissem. here		few stgrs	Pred. alt'd qtz-ser. Fairly strong chalcop in few amt of FeS2 stgrs - qtz eyes	
1348.0	1354.1		1-2							1	1	3-3	"			1	1				here dis.		few	Similar to 1179.0-1191 better copper values in FeS2 stgrs - qtz eyes	
1354.1	1378.9									1	2	3-2	"			1	1				good chalcop in FeS2 stgrs - here sulfds - dissem.		here few stgrs	Similar to above but about 1 vein 2 vns qdark grey/gld grey silicification intermixed	
1378.9	1384.0										3	1	"			1	1				few narrow stgrs fair amt of chalcop in some - Predom FeS2	0-45	here	Dark grey fine gr'd massive brittle highly silicified Rhyolite qtz eyes - glassy texture	
1384.0	1392.0												andesite								Same as above but rather chalcopyrite same as above.		here massive	dark grey - black fine gr'd Rx - granular texture - no qtz eyes	
1392.0	1404.9		1										Rhyolite andesite											Same as 1179.0 - 1191.0 - probably dike - same alteration/blebs	
1404.9	1434.5																					0-40	here "	Same as 1384-1392 but more visible fine gold chalcop - @1382.0 1/4" veinlet qtz - MoS2 - chalcop. Some 1"-2" blk blebs about 1/4" FeS2 vns - dissem occur around Veins " Thereafter mod persist - 1339-1340.5 = Bld & Serecitized andesite w blk - lite grey color with 1/4-1/2" Vn chalcop - FeS2 45-90°	
1434.5																									
1488.7	1350.0		1										"								good visible fine gr'd chalcop		here "	lite grey andesite	
1350.0	1352.0												"								low FeS Chalcop - good FeS2 in Veins + Expl blebs - Fairly Massive		"	Bld andesite - about massive pyrite replc + stgrs	
1352.0	1361.5												"								Scatt'd disse VNS FeS2 -		here "	dark andesite as 1384-1392 -	
1361.5	1362.0		1								2		"								good chalcop in 1/8"-1/2" veinlets		" "	silic. bl'd andesite	
1362.0	1398.8										3		"								here and-g stgrs visible FeS2 + fair visible fine gr'd chalcopyrite		here - massive	lite grey silicified Andesite - no qtz eyes	
1398.8	1407.4		X										"								Fairly altered diss core FeS2 - low chalcop - low stgrs		here "	1384.4 - 1393.8 Several 1/4" Veins of solid Chalcop Dark andesite as 1384-1392 -	
1407.4	1467.0		1										"								low dissem FeS2 Several stgrs FeS2 up to 1/4" - predom - less than 1/4" - low chalcop content			lite grey - strongly silic. andesite - some chloritic remnants of ferrus ? Same	

EXHIBIT H

DDH NO. G-3

STATE Arizona MINING DISTRICT Lone Star
COUNTY Graham PROJECT Safford
COORDINATES 20,446 N 23,471 E
COLLAR ELEVATION 2040 S
INCLINATION 90° BEARING —
FINAL DEPTH 1834
DATE STARTED 7/26/56 DRILLING CO.
DATE COMPLETED 11/17/57 McClintock

CORE

FOOTAGE				L1		L2		% REC. BY FT.	LBS. OZ. REC.	Mo S2 % REC. BY WT.		ASSAY TOT. CU.	OX CU	MO	Au	Ag	Fe	CORE SIZE
1528	0	1538	4	10	4	10	0	96	1 12			0.13					4.0	
1538	4	1548	4	10	0	8	2	82	0 9.7			0.14					4.0	
1548	4	1558	4	10	0	9	8	98	0 11.2			0.12					2.9	
1558	4	1566	4	8	0	8	0	100	0 9.10	0	005	0.06		0.009	Tr	None	2.4	
1566	4	1570	0	3	6	3	5	92	2 3.4			0.11					3.6	
1570	0	1580	0	10	0	3	3	33	0 2.12			0.08					3.0	
1580	0	1590	0	10	0	1	6	16	0 1.6			0.21					3.5	
1590	0	1600	0	10	0	2	5	25	0 3.0			0.64	0.01				3.0	
1600	0	1608	2	8	2	6	6	80	4 4.0	0	005	0.13		0.003	Tr	None	3.8	
1608	2	1619	0	10	8	10	0	92	5 11.3			0.14					4.2	
1619	0	1629	0	10	0	9	3	93	0 10.2			0.09					3.0	
1629	0	1639	0	10	0	4	7	47	0 5.11			0.20					3.2	
1639	0	1644	0	5	0	2	3	46	0 2.3			0.09					3.1	
1644	0	1653	6	9	6	8	3	100	4 9.14	0	005	0.11		0.003	Tr	None	3.1	
1653	6	1663	6	10	0	1	5	15	0 6.0			0.15					5.3	
1663	6	1673	6	10	0	2	04	20	0 2.13			0.09					5.4	
1673	6	1684	0	10	4	4	75	77	0 7.0			0.32					6.5	
1684	0	1694	6	10	0	7	1	71	0 8.12			0.23					5.2	
1694	0	1704	0	10	0	9	8	96	0 10.14	0	003	0.11		0.002	Tr	None	3.8	
1704	0	1714	0	10	0	3	4	34	0 8.10			0.12					3.3	
1714	0	1724	0	10	0	5	4	53	0 6.13			0.11					3.3	
1724	0	1734	0	10	0	7	2	72	0 8.4			0.26					3.5	
1734	0	1744	0	10	0	9	0	90	0 9.13			0.16					3.0	
1744	0	1754	0	10	0	8	0	80	0 9.7			0.31					4.9	
1754	0	1764	0	10	0	9	9	99	0 12.12			0.27					5.1	
1764	0	1774	0	10	0	8	7	87	0 10.2			0.59	0.03				7.3	
1774	0	1784	0	10	0	7	1	71	0 9.0			0.36					5.7	
1784	0	1794	0	10	0	2	7	27	0 3.3			0.22					5.4	
1794	0	1804	0	10	0	9	0	90	0 9.10			0.29		0.003	Tr	None	4.6	
1804	0	1814	0	10	0	5	5	55	0 8.6			0.20					5.1	
1814	0	1824	0	10	0	9	2	92	0 10.6			0.29					4.1	
1824	0	1834	0	10	0	6	9	69	0 8.13			0.36					4.2	

ASSAY SUMMARIES

						Mo S2		
15	0	153	5	68	5	0	007	0 003
153	5	164	0	40	5	0	003	0 001
164	0	174	0	80	0	0	000	0 000
0	0	10	0	100	0	0	004	(1.4th)
141	0	171	0	300		0	004	
171	0	266	0	900		0	002	(1.4th)
226	0	294	0	310		0	003	
294	0	184	0	900		0	003	(1.4th)

SLUDGE

CORE SIZE	SAMP. NO.	SAMP. NO.	OZ. LBS. DEC.	% REC. BY WT.	SPLIT	ASSAY TOT. CU.	OX CU	MO	Au	Ag	Fe
	707	707	13.2			0.10					
	708	708	7.3			0.08					
	709	709	6.2			0.11					
	710	710	10.8			0.08		0.005	Tr	None	3.2
	711	711	8.4			0.23					
	712	712	8.7			0.51					
	713	713	11.5			0.35					
	714	714	8.4			0.19					
	715	715	1.3			0.09		0.001	Tr	None	5.8
	716	716	5.5			0.18					
	717	717	1.3	#2		0.17					
	718	718	16.2			0.17					
	719										
	720										
	721										
	722	722	0.8			0.10					
	723	723	25.4			0.18					
	724	724	13.6			0.19					
	725	725	18.6			0.14		0.003	Tr	Tr	6.7
	726	726	18.7			0.17					
	727	727	18.1			0.18					
	728	728	18.4			0.21					
	729	729	29.4			0.20					
	730	730	20.1			0.24		0.001	Tr	None	7.4
	731	731	1.4			0.30					
	732	732	8.4			0.44	0.06				
	733	733	3.5			0.24					
	734	734	16.1			0.19					
	735	735	10.9			0.26		0.003	Tr	None	
	736	736	6.9			0.22					
	737	737	5.2			0.18					
	738	738	0.7			0.15					

COMBINED ASSAY

PERCENT 0.1 0.5 1.0

TOT. CU

Sludge 1528-1834

DDH NO. G-3

STATE ARIZONA MINING DISTRICT LONE STAR COORDINATES 20,446 N. 23,471 E DATE STARTED 7/26/56 DRILLING CO.
COUNTY GRAHAM PROJECT SAFFORD COLLAR ELEVATION 4235 ± 20405 DATE COMPLETED 1-17-57 MCCLENDON
INCLINATION 90 BEARING - FINAL DEPTH 1834.0'

FOOTAGE		UNALT	CHLOR.	EPIDOTE	MONTMOR.	BIOTITE	KAOL.	HY. MICA.	ORTHO.	SER.	SIL.	STAGE NO.	Texture	ROCK TYPE	SECTION	CuFeS2	CuFeS2	FeS2	CU2S	CuS	MoS2	OXIDE ZONE: LEACHED CAVITIES-COLOR ETC. / SULPHIDE ZONE-CHAR OF MIN. DISS. VEIN. ETC.	V INCL.	FRACTURING	GEOLOGY	LOG BY
1446.0	1468.9										3		2	andesite			1	1				Low Sulfides - 2 stgs + diseem.		Low irreg	same - but visible porphyritic texture + feldspars	
1468.9	1470.9												"				1	1				about less stgrs		Low "	dark andesite as above	
1470.9	1497.1										3		2	"			1	1				Low Sulfide stgrs + diss			lite gray andesite as above	
1497.1	1501.4									23	1			"			1	1				Low Sulfide.		Low "	lite gray a'd andesite to Some chlorite as mentioned with Sulfide	
1501.4	1514.0									23	1		2	"											Same as 1470.9 - 1497.1 " " "	
1514.0	1531.5																								Same but fairly well a'd'd " " "	
1531.5	1540.0									2	-1		3	"			1	1				Pyrit - Low Sulf. Low chalcop visible		Low	lite gray Silicious porphyritic Rx Selvs. Similar to that above but good texture - chloritized hornblends - feldspars visible may be relatively fresh - somewhat granular texture with stringers of qtz & calcite	
1540.0	1570.0									?	3		2	"			1	1				Low Sulfide + Low Chalcop. visible		Low	lite - med gray fine gr'd silic. Rx like 1470.9 - 1497.1 - same texture visible	
1570.0	1600									23	1		1	"											same but strong chl'd + a'd'd	
1600	1612.0																								dark andesite as above	
1612.0	1621.0									1	3		2	"											Similar but fine gr'd silicious - porphyritic texture similar to 1540 - 1570. may be chilled margin	
1621.0																										
1621.0	1643.0		1							1	3		23	"								med. hornber ½ c/h°		Low - med	Same as 1612 - 1621.0 - med gray	
1643.0	1656.0		1							1	2		3	"			1	1				Stgrs Py - Chalcop + chlorite qtz			" " areas but lite grey to buff color Subconchoidal strong as holes of ext. Sulfide stgrs Rx looks finely fresh. Fine gr'd porph. Texture obscure - increase Py qtz veins	
1656.0	1693.0		1								2			"				1							dark gray - black andesite, Porphyritic ? fine grained. Pyrite, subord. cpy 1665' - pink 60° - 90° (calcite veinlets) & 1697' joint 80° to 65° Sulfide minerals disse. assoc. w. chlorite & sec. qtz. & vein qtz.	
1693.0	1724.0		1-2								3			"				2				No LC. Pyritic veins		LOW	Bleached, light colored andesite w. less sulfides than before. Very fine	N
																								1708'30°	grained texture less dense.	
1724.0	1734.0		1-2								2			"				2				No L.C. Pyritic veins		1728' 45°	Same	
1734.0	1764.0		3								2			"				1				" " " "		1735'55° Low	Chlorites increase. Dark green gray andesite V. very little diss. Sulfides	
																								1745'45° "	& some pyritic veins. No Cu - minerals.	
															V									1750'25° "	TS 1762.3	
																								1756' 65° Bleach. pyr. veins, 0° a 1756'		
																								1761'45° Bleach. veins		
																								1763° 320 1765'40°		
																								1775° 45° Low		
1764.0	1794.0		3								2			"				1						Low	Dark green gray andesite w. porphyritic texture. Little diss. pyrite	
																									1774' pyritic bunches i bleached andesite. Bleached Zone from 1770-1777'	
															V			1							No Cu minerals. PS 1774.5' TS 1777'	
1794.0	1834.0		3								1-3			"				1-2						1800' 0°, 1803' 15°	Same rock type. Fract. core at 1800.5 - 1801.0'	
																								1808' 27° pyritic vein	Little diss. some veins ½" thick. Bleached zones 1804-1806,	
																								1815' 70°, 1816' 45°	1812 - 1814' 1818 - 1829' showing increase silicification in groundmass,	
																								1825' 20°	kaol. feps, chlorite in bunches. Pyrite in small stringers & veinlets & chlorite bunches.	

EXHIBIT H

DDH NO. G-30

STATE ARIZONA MINING DISTRICT LONE STAR COORDINATES 21161.2 N 23559.5 E DATE STARTED 3/21/57 DRILLING CO.
COUNTY GRAHAM PROJECT SAFFORD COLLAR ELEVATION 4264.2 DATE COMPLETED 4/3/57 Boyles Bros.
INCLINATION Vert BEARING - FINAL DEPTH 515

Core 17'6

FOOTAGE				CORE																				SLUDGE												COMBINED ASSAY		
				Li		La		% REC. BY FT.	LBS. REC.	MoS2 % REC. BY WT.		TOT. CU.	OX CU	MO	ASSAY Au	Ag	S	S G	CORE SIZE	SAMP. NO.	SAMP. NO.	OZ/TON REC.	% REC. BY WT.	SPLIT	ASSAY TOT. CU.	OX CU	MO	Au	Ag	S	PERCENT 0.1 0.5 1.0	TOT. CU.						
33	3	50	0	16	7	6	0	35	9	47	7	0	11								560																
50	0	72	0	22	0	4	0	18	1	13	5	0	16				0	23			1601	1601	12	7		0	22											
72	0	77	0	5	0	4	7	94	0	13	14	0	18				0	67			1608	1608	14	0		0	21											
77	0	85	0	9	0	7	5	93	8	23	14	0	23				1	60	2	65	1609	1609	23	5		0	23											
85	0	87	0	2	0	2	0	100	0	5	15	0	1.20	0	07	0	003	0	005	NIL	3	76	3	00	1610	1616	9	0		0	68	0	10	0	005	TR	TR	2	07
87	0	89	5	2	5	2	5	100	0	7	13		0.39	0	04						0	91	2	64	1611	1611	8	0		0	32	0	09						
89	5	95	5	6	0	6	0	100	0	17	7		0.38	0	10						1	38	2	61	1612	1612	7	2		0	35	0	03						
95	5	98	5	3	0	3	0	100	0	8	11		0	0	13						1	02	2	71	1613	1613	15	1		0	32	0	03						
98	5	101	3	2	8	2	8	100	0	7	4		0	0	09						1	20	2	71	1614	1614	16	4		0	44	0	16						
101	3	104	4	3	1	3	1	100	0	10	4	0	1.24	0	07	0	003	TR	0.5		8	40	3	02	1615	1615	14	4		0	89	0	14	0	004	TR	NIL	4	19
104	4	106	6	2	2	2	2	100	0	6	4		0.83	0	07						1	50	2	73	1616	1616	13	9		0	61	0	04						
106	6	107	5	0	9	1	0	111	1	2	8		0	27	0	12					0	22			1617	1617	2	5		0	32	0	12						
107	5	109	5	2	0	2	0	100	0	6	2		0	65	0	07					1	14	2	73	1618	1618	5	9		0	78	0	04						
109	5	111	7	2	2	2	2	100	0	6	7		0	47	0	02					0	73	2	92	1619	1619	3	3		0	50	0	06						
111	7	114	1	2	4	2	4	100	0	6	6	0	1.36	0	04	0	003	0	02	NIL	2	80	2	67	1620	1620	5	8		0	54	0	23	0	004	TR	TR	1	36
114	1	115	5	1	4	1	4	100	0	3	7		1.18	0	04						1	21	3	39	1621	1621	3	2		0	87	0	25						
115	5	116	7	1	2	1	2	100	0	3	11		0	82	0	01					2	71	2	76	1622	1622	3	1		1	00	0	09						
116	7	119	4	2	7	2	3	85	2	6	1		1.03	0	02						3	51	2	94	1623	1623	8	4		0	97	0	13						
119	4	121	8	2	4	2	3	95	8	10	5		0.71	0	02						19	02			1624	1624	6	6		0	33	0	09						
121	8	125	5	3	7	4	0	108	1	9	6	0	103	0.32			0	002	TR	NIL	1	45	2	63	1625	1625	12	3		0	77	0	02	0	004	TR	0.2	1	32
125	5	127	5	2	0	2	0	100	0	6	11		0	22							1	41	2	77	1626	1626	10	7		0	54	0	09						
127	5	129	0	1	5	1	5	100	0	4	8		0.14								1	23	2	45	1627	1627	8	1		0	27								
129	0	129	5	0	5	0	4	80	0	1	1		0	18							0	78			1628	1628	1	3		0	47	0	09						
129	5	131	5	2	0	2	0	100	0	6	8		0.18								1	17	2	83	1629	1629	9	3		0	21								
131	5	134	5	3	0	2	5	83	3	7	8	0	103	0.22			0	002	TR	TR	4	69	2	61	1630	1630	9	6		0	25			0	003	TR	TR	4	24
134	5	137	0	2	5	2	5	72	0	7	14		0.14								4	38	2	89	1631	1631	15	8		0	23								
137	0	139	0	2	0	2	0	100	0	5	9		0.18								1	50	2	73	1632	1632	13	3		0	19								
139	0	141	0	2	0	1	9	95	0	6	2		0.13								2	54	2	59	1633	1633	13	4		0	19								
141	0	144	5	3	5	3	5	100	0	11	7		0	24							4	41	2	84	1634	1634	20	2		0	20								
144	5	147	5	3	0	3	0	100	0	9	14	0	105	0	30			0	003	TR	0	15	4	09	2	80	1635	1635	19	7		0	24			0	007	TR	TR	4	21
147	5	149	8	3	3	2	1	71	3	6	8		0.17								3	16	2	75	1636	1636	11	5		0	20								
149	8	151	6	1	8	1	7	74	4	5	6		0	47	TR						1	87	2	76	1637	1637	8	1		0	36								
151	6	154	0	2	5	2	5	95	8	7	8		0	21							1	94	2	27	1638	1638	14	9		0	21								
154	0	155	6	1	6	1	6	43	8	1	6		0	22							1	75			1639	1639	8	8		0	24								
155	6	158	5	2	5	2	5	100	0	8	6	0	107	0.20			0	004	TR	NIL	12	96	2	73	1640	1640	11	7		0	18			0	004	TR	NIL	2	46
158	5	160	0	1	5	1	5	100	0	3	13		0	14							1	29	3	19	1641	1641	8	3		0	18								
160	0	161	0	1	0	1	0	100	0	2	14		0	15							2	10	2	98	1642	1642	5	6		0	18								
161	0	163	0	2	0	2	0	100	0	6	7		0	10							1	23	2	78	1643	1643	5	7		0	12								
163	0	165	5	2	5	2	5	100	0	7	11		0	09							1	10	2	74	1644	1644	5	5		0	15								
165	5	167	2	1	7	1	7	100	0	4	12	0	108	0	08			0	005	TR	0	20	1	48	2	69	1645	1645	6	8		0	10			0	002	TR	NIL	2	60
167	2	169	9	2	7	2	7	100	0	8	13		0	19							3	65	2	85	1646	1646	14	2		0	23								
169	9	175	0	5	1	4	5	88	2	14	11		0	45	0	02					5	16			1647	1647	26	2		0	34								
175	0	176	7	1	7	1	6	74	1	3	1		0	14							2	38	2	92	1648	1648	8	8		0	13								
176	7	178	5	1	8	2	3	72	2	3	13		0	10							1	21	2	75	1649	1649	10	5		0	11								
178	5	180	5	2	0	2	0	100	0	5	10	0	108	0	09			0	005	TR	0	25	4	67	2	79	1650	1650	9	8		0	10			0	004	TR	0.2	3	93
180	5	183	5	3	0	3	0	100	0	10	1		0	12							3	98	2	85	1426	1426	19	00		0	17								
183	5	188	0	4	5	4	5	100	0	13	5		0	17							4	61	2	60	1427	1427	25	45		0	17								
188	0	192	0	4	0	4	0	100	0	12	8		0.15								3	10	2	60	1428	1428	37	20		0	18								
192	0	197	0	5	0	5	0	100	0	14	0		0	15							2	56	2	69	1429	1429	27	15		0	14								
197	0	199	0	2	0	2	0	100	0	5	13	0	108	0	13			0	005	TR	NIL		1	58	2	68	1430	1430	12	10		0	18			0	004	TR	NIL	0	33
199	0	201	5	2	5	2	5	100	0	7	0		0	12							1	48	2	71	1431	1431	17	75		0	20								
201	5	205	5	4	0	4	0	100	0	12	10		0	27							3	00	2	73	1432	1432	24	35		0	35								
205	5	209	5	4	0	4	0	100	0	12	0		0	35							10	00	2	88	1433	1433	18	50		0	42	0	01						
209	5	211	1	1	6	1	4	87	5	3	11	0	105	0	27			0	003	TR	NIL		2	64	2	65	1434	1435	13	15		0	39			0	005	TR	NIL	1	33
211	1	212	9	1	8	1	8	100	0	6	0		0	39							2	68	2	88	1436	1436	18	20		0	23								
212	9	218	4	5	5	5	5	100	0	16	12		0	10							0	93	2	66	1437	1437	13	50		0	20								

DDH NO. G-30

STATE ARIZONA MINING DISTRICT LONE STAR
COUNTY GRAHAM PROJECT SAFFORD

COORDINATES 21161 N 23559 E
COLLAR ELEVATION 4264 INCLINATION VERT BEARING —

DATE STARTED 3/21/57 DRILLING CO. Boyles Bros
DATE COMPLETED 4/3/57
FINAL DEPTH 515

FOOTAGE				UNALT	CHLOR.	EPIDOTE	MONTMOR.	BIOTITE	KAOL.	HY. MICA.	ORTHO.	SER.	SIL.	JAROSITE	STAGE NO	TEXTURE	ROCK TYPE	SECTION	CUFES4	CUFES2	FES2	CU2S	CUS	MOS2	OXIDE ZONE: LEACHED CAVITIES-COLOR ETC. / SULPHIDE ZONE-CHAR OF MIN. DISS. VEIN, ETC.	< INCL.	FRACTURING	GEOLOGY	LOG BY
0	0	33.	3														Gravel											Hole started in gravels. Exact depth bed rock not determined. Probably 30.0 - 33.3.
33.	3	50.	0		1				2?			4	4	1	0-1		Altered Andesite				1	1?			Limonite staining minor jarosite, some brecciation minor pyrite ± chalcocite (?) L.C. 2-3		Numerous with minor slickensides.	Highly altered andesite. Alteration mainly qtz-sericite with minor clay & jarosite, Limonite staining, minor pyrite & chalcocite(?) Minor slickensides.
50.	0	75.	6						2?			3-4	3-4	1	0		Altered Andesite?				1-				Minor limonite staining & jarosite. LC-1		Few fract. filled w/ limonite-jarosite	Greenish rock with minor limonite stains. Andesite altered to quartz-sericite and clay. Fractures filled with limonite & minor jarosite. Pyrite minor.
75.	6	81.	0						1?			4	4	1	0		"				1-				Limonite-jarosite staining minor pyrite		70-20° numerous recent mainly 15-20° & vert.	Dense qtz-sericite rock probably derived from andesite. Few small feldspars remnants. Fractures filled with limonite-jarosite and minor pyrite in fractures and disseminated.
81.	0	111.	7				2?					3	3		1		Altered Andesite				1-2	1	1-		Stringers of pyrite, limonite & jarosite. Minor chalcocite coatings mainly on the diss pyrite. Few specks covellite		main fracture 15-20°	Green grey rock with very soft light green-white mineral on fractures (montmor.?) Small ± 2mm feldspars visible. Pyrite, some with chalcocite coatings, disseminated and in stringers. 101' - 1/8" seam pyrite, minor chalcocite.
111.	7	119.	4				2					2-3	2-3				Altered Andesite				2	2			Chalcocite replacing pyrite.		mainly 30° & vert	Some rock. 119.0' - 116.0 abundant chalcocite replacing pyrite in vein. No limonite.
119	4	121.	6				2-3?										Qtz-Pyrite Vein				4	2-3			Quartz-pyrite vein of chalcocite coatings.			Quartz-pyrite vein with crystals and massive quartz and pyrite. Thin chalcocite coatings on pyrite. Chalcopyrite (?)
121.	8	142.	7				2-3?					3	3				Altered Andesite				3	2			Pyrite stringers & diss chalcocite coatings.		Fractures 20-30° & near vertical.	Grey green altered andesite with pyrite stringers and pyrite diss. Chalcocite coatings. Abundant limonite. Yellow green to blue green to black green soft material on fractures which is probably montmor.
142.	7	192.	0				2-3					4	4				Altered Andesite				1	4	1-		Pyrite in stringers & diss. Very minor chalcocite		158°-20° core broken main fractures & pyrite veins 20°-50° & vert	Highly altered to qtz-sericite - original rock questionable probably andesite. Montmor. along fractures. Pyrite, in part superficial, in veinlets up to 1/8" and diss. V. minor chalcocite in places. At 171.0 possibly native copper.
192.	0	208.	7				1					4	4				Altered Andesite				1-	3			Pyrite in stringers & diss. Very minor chalcocite & chalcopyrite		203'-50° 207 vert 213'-218' - 50°-60°	Andesite altered to qtz-sericite. Some montmor.
208.	7	209.	5														Vein				1	4+	1		Massive pyrite in vein, some chalcopy.		220 - 30° 233 - 20° pyrite veins	Massive pyrite, some chalcopyrite in vein, with quartz gangue.
209.	5	262.	3		1-2		1-					3	3				Altered Andesite								Pyrite, minor chalcopy. in stringers & diss. Few patches of chalcocite		251-55°	Andesite altered to qtz-sericite and chlorite. Sulphides not in as great abundance as above. Pyrite, minor chalcopyrite in stringers and diss. At 2280 chalcopyrite, chalcocite & montmor on fractures.
262.	3	292.	0		1-2		1-					3	3				Altered Andesite				1-	3	1-		Pyrite in stringers & diss. minor chalcopy. Few specks of chalcocite.			Andesite not as highly altered. Pyrite stringers will less than 1/8". Pyrite also diss. Montmor. occurs only few places. 285.0' minor chalcocite 289-292.0' highly altered to qtz-sericite.
292.	0	340.	5		2-		1-					3	3				Altered Andesite				1-	3	1		Pyrite in stringers & diss. Chalcopyrite minor this little more prevalent than above.			Altered Andesite from very intense (qtz-sericite) to mild. Rock fgr. Few specks chalcocite. Som veins 1/4-1/2 inch width with pyrite & chalcopyrite. Chalcopyrite little more numerous in this stretch.

EXHIBIT H

1

DDH NO. G-30

STATE Arizona MINING DISTRICT Lone Star COORDINATES 21,161.9 N 23,559.5 E DATE STARTED 3/21/57 DRILLING CO.

COUNTY Graham PROJECT Safford COLLAR ELEVATION 4264' DATE COMPLETED 4/3/57 Boyles

INCLINATION 90° BEARING - FINAL DEPTH 515

FOOTAGE		L1	L2	CORE % REC. BY FT.	LBS. REC.	MoS2 % BY WT.	TOT. CU.	OX CU	MO	Au	Ag	S	SG	CORE SIZE	SAMP. NO.	SLUDGE SAMP. NO.	LBS. REC.	% REC. BY WT.	SPLIT	ASSAY TOT. CU.	OX CU	MO	Au	Ag	S	COMBINED ASSAY PERCENT 0.1 0.5 1.0	TOT. CU
218.4	220.5	2.1	2.1	100.0	6.2		0.15					1.76	2.66		1437	1438	20.10			0.12							
220.5	224.5	4.0	3.8	95.0	12.6		0.08					2.86	2.74		1439	1439	28.35			0.26							
224.5	229.5	5.0	5.0	100.0	15.14	0.005	0.18		0.005	Tr	Nil	2.63	2.68		1440	1440	15.25			0.28			Tr	Nil	3.78		
229.5	231.9	2.4	2.4	100.0	7.5		0.27					1.76	2.76		1441	1441	27.15			0.24							
231.9	238.1	6.2	6.2	100.0	19.13		0.18					2.36	2.72		1442	1442	31.00			0.12							
238.1	240.4	2.3	2.2	95.6	7.11		0.08					1.87	2.79		1443	1443	29.55			0.10							
240.4	245.0	4.6	4.4	95.7	12.13		0.07					1.73	2.68		1444	1444	14.45			0.09							
245.0	248.0	3.0	2.9	96.7	11.0	0.008	0.07		0.005	Tr	Nil	0.80	2.74		1445	1445	15.75			0.09		0.003	Tr	Nil	1.09		
248.0	250.0	2.0	2.0	100.0	6.4		0.08					0.89	2.90		1446	1446	13.75			0.10							
250.0	255.9	5.9	5.9	100.0	9.13		0.07					1.30	2.66		1447	1447	36.9			0.12							
255.9	257.4	1.5	1.5	100.0	5.7		0.09					1.20	2.76		1448	1448	10.95			0.11							
257.4	260.9	3.5	3.4	97.1	11.2		0.23					1.87	3.25		1449	1449	25.95			0.19							
260.9	262.9	2.0	1.8	90.0	5.9	0.007	0.24		0.004	Tr	Nil	3.20			1450	1450	12.15			0.28		0.004	Tr	Nil	3.11		
262.9	265.9	3.0	2.8	93.3	8.4		0.10					2.07	2.78		1451	1451	19.50			0.12							
265.9	268.4	2.5	2.5	100.0	8.5		0.10					1.33	2.80		1452	1452	10.15			0.11							
268.4	275.4	7.0	7.0	100.0	22.2		0.13					2.17	2.77		1453	1453	33.75			0.12							
275.4	279.2	3.8	3.7	97.4	11.9		0.11					1.22	2.77		1454	1454	22.80			0.12							
279.2	284.0	4.8	4.6	95.8	14.8	0.008	0.13		0.005	Tr	Nil	1.60	2.73		1455	1455	22.40			0.16		0.003	Tr	Nil	2.40		
284.0	290.3	6.3	6.3	100.0	20.1		0.29					2.88	2.77		1456	1456	57.6			0.15							
290.3	296.3	6.0	6.0	100.0	19.9		0.23					3.66	2.71		1457	1457	24.35			0.16							
296.3	300.3	4.0	3.9	97.5	11.10		0.28					3.46	2.71		1458	1458	30.3			0.22							
300.	303.0	3.0	3.0	100.0	9.0		0.13					1.25	2.83		1459	1459	17.95			0.11							
303.0	311.5	8.5	8.4	98.8	27.3	0.005	0.19		0.003	0.005	Tr	3.23	2.40		1460	1460	25.25			0.21		0.003	Tr	Nil	3.72		
311.5	314.5	3.0	3.0	100.0	9.10		0.10					2.11	2.84		1461	1461	32.50			0.10							
314.5	324.1	9.6	9.6	100.0	29.7		0.10					1.16	2.72		1462	1462	18.6			0.09							
324.1	325.1	1.0	1.0	100.0	3.12		0.19					4.87	2.66		1463	1463	8.8			0.16							
325.1	327.0	1.9	1.9	100.0	6.0		0.42	0.01				4.69	2.92		1464	1464	13.6			0.56	0.01						
327.0	330.5	3.5	3.3	94.2	10.4	0.003	0.25		0.002	Tr	Nil	6.90	2.91		1465	1465	23.6			0.19		0.005	Tr	0.2	5.29		
330.5	340.5	10.0	9.0	90.0	27.10		0.36					5.92	2.84		1466	1466	29.25			0.29							
340.5	348.0	7.5	6.9	92.0	26.4		0.10					1.43	2.79		1467	1467	7.5			0.14							
348.0	350.4	2.4	1.8	75.0	5.10		0.07					0.70	2.83		1469	1469	50.4			0.14							
350.4	359.4	9.0	8.8	97.8	25.11		0.15					1.61	2.74		1471	1471	45.8			0.12							
359.4	364.4	5.0	5.2	104.0	14.4		0.10					0.54	2.81		1472	1472	35.60			0.08							
364.4	368.0	3.6	4.8	133.3	16.2		0.09					2.95	2.84		1473	1473	35.35			0.09							
368.0	370.2	2.2	2.2	100.0	8.06		0.07					0.55	2.62		1474	1474	60.6			0.10							
370.2	372.7	2.5	2.3	92.0	6.11	0.010	0.08		0.006	Tr	Nil	1.79	2.87		1475	1475	19.85			0.09		0.004	Tr	Nil	1.60		
372.7	382.4	9.7	10.0	103.0	30.13		0.12					1.51	2.78		1476												
382.4	391.2	8.8	8.0	90.9	28.4		0.10					1.37	2.78		1477	1477	32.10			0.11							
391.2	398.0	6.8	6.7	98.5	21.8		0.07					0.78	2.74		1478	1478	51.8			0.07							
398.0	399.9	1.9	1.6	84.2	5.7		0.06					0.93	2.81		1479	1479	7.3			0.07							
399.9	401.6	1.7	1.4	82.4	4.1	0.007	0.16		0.004	Tr	Nil	1.51	2.86		1480	1480	9.8			0.05		0.003	Tr	Nil	2.20		
401.6	402.5	0.9	1.0	111.1	3.7		0.09					1.68	3.00		1481	1481	8.2			0.08							
402.5	404.4	1.9	1.6	84.2	5.0		0.14					0.78	2.86		1482	1482	10.4			0.10							
404.4	406.9	2.5	2.5	100.0	7.6		0.12					1.00	2.88		1483	1483	16.4			0.16							
406.9	410.0	3.1	3.3	106.0	11.0		0.10					1.79	2.82		1484	1484	25.7			0.12							
410.0	411.0	1.0	0.7	70.0	2.10	0.007	0.08		0.004	Tr	Nil	1.66	3.14		1485	1485	2.8			0.08		0.003	Tr	Nil	1.32		
411.0	413.5	2.5	2.9	116.0	7.8		0.22					1.60	2.92		1486	1486	15.2			0.10							
413.5	414.5	1.0	0.9	90.0	3.11		0.09					0.51	3.34		1487	1487	9.8			0.19							
414.5	424.5	10.0	1.8	18.0	5.0		0.10					1.48	2.88		1488	1488	29.25			0.18							
424.5	427.7	3.2	3.0	93.8	11.6		0.21					4.23	2.46		1489	1489	16.7			0.17							
427.7	429.7	2.0	2.0	100.0	6.2	0.007	0.21		0.004	Tr	Nil	6.03	2.79		1490	1490	9.6			0.16		0.003	Tr	Nil	3.92		
429.7	431.4	1.7	3.0	176.4	9.0		0.13					1.58	2.87		1491	1491	14.0			0.12							
431.4	434.1	2.7	2.3	85.2	7.0		0.18					3.90	3.05		1492	1492	15.15			0.12							
434.1	438.7	4.6	3.7	80.4	11.13		0.08					0.59	2.76		1493	1493	30.00			0.06							
438.7	445.5	6.8	6.0	88.2	19.3		0.07					1.67	2.80		1494	1494	38.8			0.08							
445.5	450.7	5.2	5.2	100.0	17.9	0.003	0.09		0.002	Tr	Nil	3.06	2.81		1495	1495	42.5			0.10		0.005	Tr	Nil	1.80		

AR-032718

DDH NO. G-30

STATE Arizona MINING DISTRICT Lone Star COORDINATES 21,161.9 N 23,559.5 E DATE STARTED 3/21/57 DRILLING CO.
COUNTY Graham PROJECT Safford COLLAR ELEVATION 4264.1 DATE COMPLETED 4/3/57 Boyles
INCLINATION 90° BEARING — FINAL DEPTH 515

FOOTAGE				UNALT	CHLOR.	EPIDOTE	MONTMOR.	BIOTITE	KAOL.	HY. MICA.	ORTHO.	SER.	SIL.	STAGE NO.	ROCK TYPE	SECTION	CUSFES4	CUFES2	FES2	CUS2	CUS	MOS2	OXIDE ZONE: LEACHED CAVITIES-COLOR ETC. / SULPHIDE ZONE-CHAR OF MIN. DISS. VEIN, ETC.	< INCL.	FRACTURING	GEOLOGY	LOG BY
																									276 vert; 279.4 45° 280- 40° 285- 45° 291- 40° 300- 35° 307 25° 308 vert 312- vert 315 30°		
340	5	411	0		3		1-					1+	1-2		Andesite			1-	3+				Numerous pyrite stringers less than 1/32" to 1/4" minor chalcopyrite.		331- 30° 334 55° 342- 45° 346- 20° 351- 45° 358.4 30° 367- 50° 373.4- 35° 383- 35° 383.5 vert	Dense, black to green black andesite. Mainly altered (qtz-sericite) along pyritic veins. Minor amt. mortmor along some of pyritic veins. Pyrite in stringers some up to 1/4" in width & diss. thru' out rock. Minor chalcopyrite in veins & diss. Mafics now chlorite.	
411	0	469	8		3							2	2		Andesite			1-	3+				Pyrite in stringers & diss. Minor chalcopyrite assoc. w/pyrite. Few chalcocite coatings on pyrite & Cuprite? on some fractures.		3946- 50° 415- 25° 435- 50° 439- 35° 452- 30°	Dense, black to green black andesite. Altered mafics now chlorite feldspars partially to qtz-sericite. Extreme bleaching along pyrite veins and much diss. pyrite in the bleached zones. Some calcite along fractures. A reddish iridescent to earthy mineral on some fractures — probably cuprite. Few specks native copper and an occasional chalcocite coating on pyrite. Chalcopyrite minor in amount.	
468	8	471	7		1-2							3	3		Andesite Autobreccia?			1+	3				Pyrite diss. & in stringers w/chalcopyrite.			Altered andesite fragments cemented by andesite (autobreccia) frags up to 1" in size. Rock transected by small pyritic veins which contain greater abundance of chalcopyrite — in places pyrite to chalcopyrite 3:1.	
471	7	474	4		3							2	2		Andesite			1+	3				same			Like 411-469.8 but greater amount of chalcopyrite.	
474	4	476	0		1-2							3	3		Andesite Autobreccia			1+	3							Like 469.8-471.7 plus some qtz introduction.	
476	0	484	0		2							3	3		Andesite			1-2	3				pyrite in veins & diss w/ chalcopyrite.		470- 35° 480- 55° 499- 35°	Dark dense andesite, partially altered to qtz-sericite & chlorite. Few cleavage faces of plagioclase visible. Chalcopyrite fairly abundant 482-484.	
484	0	487	6		2							3	3		Andesite Autobreccia				3	1			Massive pyrite plus very minor chalcocite		508- 25° 513- 25°	Frag[illegible] cemented by same material. Alteration qtz sericite & chlorite plus quartz	
487	6	515	0		2-3							3	3		Andesite		1?	1-2	3				Pyrite-chalcopyrite in stringers & diss. Bornite?			Dark dense andesite with chlorite qtz-sericite alteration. Bleaching along pyrite veins. Chalcopyrite assoc. with pyrite and in few places ~~the~~ tarnish on chalcopyrite that looks like bornite.	

EXHIBIT H

DDH NO. G-30

STATE Arizona MINING DISTRICT Lone Star COORDINATES 21,161.9 N 23,559.5 E DATE STARTED 3/21/57 DRILLING CO.
COUNTY Graham PROJECT Safford COLLAR ELEVATION 4264.1 DATE COMPLETED 4/3/57 Boyles
INCLINATION 90 BEARING — FINAL DEPTH 515

FOOTAGE				L1		L2		% REC BY FT		LBS. OZ REC.		% REC. BY WT.		TOT CU	OX CU	MO	ASSAY Au	Ag	S	SG	CORE SIZE	SAMP. NO.	SAMP. NO.	OZ LBS. REC.	% REC. BY WT.	SPLIT	TOT. CU.	OX CU	MO	Au	Ag	S	COMBINED ASSAY PERCENT 0.1 0.5 1.0	TOT. CU
450	7	460	9	10	2	10	0	98	0	32	7			0	14				2	44	2	79		1496	1496	28	6		0	13					
460	9	470	9	10	0	10	0	100	0	32	3			0	16				3	26	2	79		1497	1497	45	40		0	11					
470	9	479	4	8	5	8	5	100	0	17	15			0	16				2	02	2	66		1498	1498	37	2		0	14					
479	4	489	4	10	0	10	0	100	0	39	0			0	28				3	81	2	82		1499	1499	23	8		0	20					
489	4	493	9	4	5	4	5	100	0	12	12	0	0.5	0	16		0.23	Tr	Nil	1	07	2	71		1500	1500				0	17		0.004	Tr	Nil	1.90	
493	9	502	9	9	0	9	0	100	0	26	14			0	14				1	13	2	69		1501	1501	31	7		0	15					
502	9	509	7	6	8	6	6	97	1	20	11			0	30				2	80	2	70		1502	1502	33	1		0	23					
509	7	515	0	5	3	4	5	84	9	13	3			0	26				2	94	2	72		1503	1503	28	45		0	24					

ASSAY SUMMARIES

33	3	85	0	51	7			MO SAMPLE	0	16	—	
85	0	121	8	36	8			(Arith)	0.005	0	72	0.07
121	8	515	0	393	2			(")	0.006	0	17	—
33	0	515	0	482	0				0.006	(Arith)		

AR-032748

DDH NO. G-31

STATE Arizona MINING DISTRICT Lone Star
COUNTY Graham PROJECT Safford
COORDINATES 20,387 E 23,033 E 20567 N 22998 E } mt final
COLLAR ELEVATION 4127.0 4,135 DATE STARTED 4/16/57 DRILLING CO. Boyles Bros.
INCLINATION -90° BEARING - FINAL DEPTH 3287 DATE COMPLETED 4/19/57

FOOTAGE				L1		L2		CORE % REC. BY FT.	CORE LBS. REC.	CORE % REC. BY WT.	CORE TOT. CU.	CORE OX CU	CORE MO Sz	CORE ASSAY Au	CORE Ag	CORE S	CORE SIZE	SAMP. NO.	SLUDGE SAMP. NO.	SLUDGE LBS. REC.	SLUDGE % REC. BY WT.	SLUDGE SPLIT	SLUDGE ASSAY TOT. CU.	SLUDGE OX CU	SLUDGE MO Sz	SLUDGE Au	SLUDGE Ag	SLUDGE S	COMBINED ASSAY PERCENT 0.1 0.5 1.0	COMBINED ASSAY TOT. CU
0	0	20	0	20	0	4	8	24	10	12	0	17				0	16	NX	1769										
20	0	61	0	41	0	5	6	138	22	53	0	05	Nil	Nil	0	06	0	56	wireline	1775									
61	0	66	1	5	1	2	9	56	8	16	0	01					0	98		1781									
66	1	76	1	10	0	9	7	97	10	27	0	03					0	12	NX	1783	1783			0	06				
76	1	86	6	10	5	10	3	98	0	28	0	06					1	20	wireline	1787	1787			0	07				
86	6	97	5	10	2	10	9	100	0	35	0	13					1	12		1789	1789			0	13				
97	5	108	5	11	0	11	0	100	0	31	0	20	Nil	Nil	0	02	1	16		1791	1791			0	20	0	002	0	029
108	5	118	2	9	7	9	5	97	9	30	0	24					2	16		1793	1793			0	21	Nil			1.56
118	5	130	6	12	4	12	4	100	0	34	0	11					0	84		1796	1796			0	26				
130	6	142	0	11	4	11	4	100	0	41	0	18					2	80		1798	1798			0	29				
142	0	155	5	13	5	13	5	100	0	41	0	18					3	73		1901	1901			0	22				
155	5	161	5	8	0	7	6	95	0	19	9	0	11		Nil	0	01	3	38	1902	1902			0	22		002	0	028
163	5	169	3	5	9	4	0	58	9	17	14	0	06					3	15	1903	1903			0	20	Nil			2.71
169	3	175	5	6	2	6	2	100	0	30	13	0	12					4	80	1904	1904			0	21				
175	5	178	3	2	8	2	8	100	0	10	4	0	10		Nil	Nil	Nil	4	60	1905	1905			0	17	Nil	0	Nil	0	016	4	14
178	3	185	5	7	2	7	2	100	0	23	8	0	05					4	73	1906	1906			0	14				
185	5	191	2	5	7	5	7	100	0	18	8	0	10					2	58	1907	1907			0	18				
191	2	201	2	10	0	9	8	98	0	31	3	0	08					1	83	1908	1908			0	10	Nil			1.66
201	0	205	5	4	6	4	6	100	0	14	9	0	34					6	14	1909	1909			0	40	0	10		
205	5	209	0	3	2	3	0	98	7	9	2	0	22		Nil	Tr	Nil	4	38	1910	1910			0	29	Nil	0	001	0	027	4	60
209	0	213	0	4	0	4	0	100	0	18	6	0	11					7	02	1911	1911			0	19				
213	0	222	8	9	3	9	7	97	0	31	7	0	16					1	72	1912	1912			0	15				
222	8	232	8	10	0	9	9	100	0	33	13	0	06					1	32	1913	1913			0	23	Nil			1.14
232	8	242	5	9	7	10	0	103	0	33	4	0	24					1	89	1914	1914			0	33				
242	5	245	5	2	0	2	0	100	0	7	13	1	22	0	105	Cu 2.05	3	002	0	Nil	4	60	1915	1915		0	90	0	22	0.006	0	002	0	Nil	3.	24
244	5	254	6	10	1	10	0	99	0	30	11	0	04					1	59	1916	1916			0	15				
254	6	264	4	9	8	9	8	100	0	32	6	0	08					0	92	1917	1917			0	20				
264	4	274	2	9	8	9	6	93	9	32	5	0	04					1	62	1918	1918			0	22	Nil			1.59
274	2	284	1	9	9	9	9	100	0	30	1	0	10					3	19	1919	1919			0	20				
284	1	295	5	11	4	11	4	100	0	41	6	0	06		Nil	Nil	Tr	2	81	1920	1920			0	14	Nil	Nil	Tr	2.95
295	5	305	5	10	0	10	0	100	0	33	6	0	10					3	60	1921	1921			0	28				
305	5	315	5	10	0	9	8	98	0	32	9	0	09					2	11	1922	1922			0	30				1
315	5	325	5	10	0	9	8	98	0	32	9	0	09					2	11	1922	1922			0	30				1
325	5	341	3	9	8	9	5	94	9	28	12	0	16					1	93	1923	1923			0	25	Nil			1.91
341	3	351	2	5	9	5	9	100	0	15	10	0	41	0	10			3	68	1924	1924			0	41	0	03		
351	2	364	2	7	0	5	9	100	0	18	13	0	29	0	92	Nil	Tr	5	42	1925	1925			0	72	0	004	0.002	0.058	2.78
364	2	380	7	4	8	4	5	100	0	5	4	0	15		0	021		2	34	1926	1926			0	26				

AVERAGES

0	0	342	5			5					0	11																	
342	5	344	5			10					1	92	0	05															
344	5	348	7			192					0	12																	
0	0	329	0	328	0						2	12		0	021	(Ag)													

DDH NO. G31

STATE Arizona MINING DISTRICT Lone Star COORDINATES 20,387' N 23,037' E DATE STARTED 4/16/52 DRILLING CO.
COUNTY Graham PROJECT Safford COLLAR ELEVATION 4135' DATE COMPLETED 4/19/52 Boyles
INCLINATION -90° BEARING — FINAL DEPTH 3287

FOOTAGE				UNALT	CHLOR.	EPIDOTE	MONTMOR.	BIOTITE	KAOL.	HY. MICA.	ORTHO.	SER.	SIL.	STAGE NO.	ROCK TYPE	SECTION	CuS/FeS4	CuFeS2	FeS2	CuS	CuO	MoS2	OXIDE ZONE: LEACHED CAVITIES-COLOR ETC. / SULPHIDE ZONE-CHAR OF MIN. DISS. VEIN, ETC.	< INCL.	FRACTURING	GEOLOGY	LOG BY
0	00	20.	00						1?			4	4		Andesite									0-66 numerous irreg	Core is Badly Altered Andesite poor core Recovery 27% Approx Fractures qtz	
																								66-81 irreg mod intensity	Sericite Alt - irregular Fracturing. Fract surfaces - some lattice work on large fract surfaces	
20.	0	61.	0						1?			A	4		"									81-86 mainly vert strong	Same as above poor recovery 17% - Qtz veinlets Fissure filling (qtz) limonite stain on fr surfaces	
																								86-98 irreg mod	94' Secondary Qtz. - Pyrite - limonite Hematite (Bedrock) Gossan	
61.	9	66.	1						1?			4	4		"									Alt Andesite - Pyrite veins more frequent. Gypsum - also limonite		
																								100-142 Irreg mod-wk	coated Fractures	
66.	1	85.	0		1				1?			4	4		"									Andesite. Color Zone of surface weathering. Moderate Qtz		
																								142-189 massive few	sericite Alteration - Minor pyrite in Fract. Gypsum in Fract	
																								fractures	Minor limonite coatings - Occasional disseminated patches	
																									of pyrite assoc Fr - 71' Chalcopyrite Fr 60°	
																		1-	2	1	1-			169-185 core massive	78' Covellite & minor Chalcocite stain on pyrite	
																								med weak irreg fract.	78'-80' Iron in size & number of pyrite filled fract	
																								main pyrite vein 30-40°	93' Unk mineral ? oxide?	
85	0	100.	7									3	3		"										Andesite mod Qtz sericite Alteration - Chlorite & clay Alt along Fract	
																								185-213 core massive	Pyrite along Fract Qtz filled Fr Gypsum	
																								few strong fract 40-50°	89' Chalcopyrite (minor) in fract	
																								201-209 numerous irreg	100' Sooty chalcocite	
																								rock more bleached		
100.	7	108	0		3	L		1				2	1		Andesite w/ pyrite & frag			1-	2	1-			Pyrite diss & in stringers & V minor chalcocite	213-241 core massive moderate minute fract mostly irreg	Andesite with moderate qtz-sericite alteration and chlorite development and frags <1/8" - 72" of Latite. Epidote in both andesite & Latite. Sulphide diss and in stringers with minor chalcocite coatings. TVS 1028
108		109	5									3	3		Andesite			1-	2	1-			Same	242- strong fract & pyrite vein 30° chalcocite	Andesite bleached to light grey with much quartz sericite. Chlorite and/or clay along pyrite seams.
109	5	152	5		3	1		1				2	1		"			1-	2	1-			Pyrite diss & in veins very minor chalcopyrite & chalcocite	244-264 core massive irreg minute fract most abundance	Dark green black andesite with some feldspar appearing frosty. More chlorite and/or clay along pyrite seams
152	5	154	5									3	3		Andesite?	X								same		Andesite? Light grey with abundant altered feldspar phenocrysts, forming 80% of rock. Rock might be a dike. Number of feldspars have square outline. TVS 1535 Rock type?? Altered andesite? dike?
																									268-321 core massive		
154	5	201.	0		3	1		1				2	2		Andesite			1-	2?	1-			same	w/numerous minute fract & some pyrite veins most prevalent 10°-20°	Same as 109.5-152.5 Some bleaching along pyrite seams 163' Sooty chalcocite.
201	0	211	6						1?			4	4		Andesite			1	2?	1			Same		Andesite sheared and highly altered to qtz-sericite with chlorite and/or montmor. along pyrite seams. Chalcocite coatings more prevalent than above but still thin & sparse. Minor chalcopyrite
211	6	218	8		3							2	2		Andesite										Same as 109.5-152.5
218	8	238.	0		3							2?	2?		Frag. And	X		1-	2	1-			Same		Andesite like 154.5-152.5 with angular to subangular frags which are light grey in color & more resistant. Latite. TVS 216.8 Frags Latite or altered particles of andesite (auto breccia)
238.	0	317	5		3							2?	2?		Andesite			1	2?	1-			Same		Dark dense andesite with numerous small pyrite stringers very minor chalcocite coating. 241.5-244 highly altered to qtz sericite with more abundant chalcopyrite. Some alteration (bleaching) to qtz sericite along pyrite veins.
317	5	328.	7									4	4		Andesite			1-2	2?	1-			Pyrite in veins and diss Chalcopy " " " V minor chalcocite		Andesite? highly altered to qtz-sericite. Numerous qtz pyrite stringers with some chalcopyrite and few chalcocite coatings. 324'-328.7 core broken up.

EXHIBIT H

DDH NO. G-32

19934 L 23652 Z

STATE ARIZONA MINING DISTRICT SAFFORD LONE STAR COORDINATES N. E. DATE STARTED 4/9/57 DRILLING CO.
COUNTY GRAHAM PROJECT SAFFORD COLLAR ELEVATION 4102 E DATE COMPLETED 4/13/57 BOYLES
INCLINATION BEARING FINAL DEPTH 305.5

MoS2

FOOTAGE				Li		La		CORE % REC. BY FT.		CORE LBS. REC.		CORE % REC. BY WT.		CORE ASSAY TOT. CU.	CORE OX CU	CORE MO	CORE ASSAY Au	CORE Ag	CORE S	CORE SG	CORE SIZE	CORE SAMP. NO.	SLUDGE SAMP. NO.	SLUDGE OZ LBS. REC.	SLUDGE % REC. BY WT.	SLUDGE SPLIT	SLUDGE ASSAY TOT. CU.	SLUDGE ASSAY OX CU	SLUDGE ASSAY MO	SLUDGE ASSAY Au	SLUDGE ASSAY Ag	SLUDGE ASSAY S	COMBINED ASSAY PERCENT 0.1 0.8 1.0	COMBINED ASSAY TOT. CU
0	0	8	0							0	0										NC												
8	0	8	5	3	5	2	7	77	1	11	8										Wet Line												
8	5	19	0	10	5	1	2	11	9	5	1																						
19	0	39	0	20	0	3	0	15	0	11	6								0	29		1676											
39	0	43	0	4	0	1	5	37	5	6	12			0	08				0	88		1677											
43	0	48	5	5	5	1	8	32	7	9	8			0	16				6	07		1678											
48	5	50	0	1	5	0	7	46	6	3	2			0	18				13	47		1679	1679	2	3		0	08					
50	0	54	4	1	4	1	0	71	4	2	13	0	008	0	14		0	005	TR	Nil	14	39	WX	1680	1680	3	1		0	06		0	005	TR	Nil	0.25
54	4	54	4	3	0	3	0	100	0	9	0			0	16				9	32	wind Line	1681	1681	23	5		0	13					
54	4	59	3	4	9	4	3	87	8	19	15			0	09				7	95	2	92	1682	1682	10	8		0	17					
59	3	61	3	2	0	2	4	120	0	7	12			0	16				7	97	2	99	1683	1683	0	6		0	26					
61	3	64	2	2	9	2	8	96	5	8	13			0	18				3	67	2	92	1684	1684	10	8		0	14					
64	2	68	0	3	8	3	5	92	1	10	11	0	007	0	11		0	004	TR	Nil	3	70	2	79	1685	1685	29	9		0	14		0	005	TR	Nil	5.71
68	0	74	6	6	6	4	9	79	2	15	3			0	09				6	20	2	88	1686	1686	38	9		0	23					
74	6	82	5	7	9	7	8	98	7	21	12			0	14				4	14	2	74	1687	1687	11	3		0	22					
82	5	86	2	3	7	3	2	86	5	7	0			0	19				4	13	2	94	1688	1688	17	3		0	25					
86	2	92	5	7	3	7	3	100	0	17	11			0	15				4	18	2	37	1689	1689	1	2		0	23					
92	5	95	7	2	2	2	0	90	9	7	0	0	005	0	20		0	003	TR	TR	4	55		1690	1690	5	8		0	20		0	003	TR	Nil	1.96
95	7	97	5	1	8	1	8	100	0	6	1			0	16				4	08	2	94	1691	1691	4	3		0	14					
97	5	100	1	2	6	2	6	100	0	6	5			0	12				2	97	2	79	1692	1692	7	8		0	14					
100	1	105	2	5	1	5	1	100	0	18	6			0	11				3	54	2	83	1693	1693	13	9		0	14					
105	2	114	7	9	5	8	6	90	5	27	14			0	10				4	02	2	82	1694	1694	5	5		0	08					
114	7	124	7	10	0	9	8	98	0	32	15	0	005	0	08		0	003	TR	Nil	5	47	2	78	1695	1695	28	7		0	10		0	004	TR	Nil	3.21
124	7	134	8	10	1	9	7	96	0	31	7			0	07				4	15	2	72	1696	1696	7	9		0	10					
134	8	138	0	3	2	3	2	100	0	10	5			0	08				5	07	2	84	1697	1697	20	4		0	09					
138	0	144	1	6	1	6	1	100	0	19	7			0	07				4	01	2	74	1698	1698	11	7		0	06					
144	1	145	7	1	6	1	6	100	0	4	8			0	05				1	58	2	70	1699											
145	7	149	5	3	8	3	8	100	0	10	2	0	005	0	04		0	003	TR	Nil	3	09	2	74	1700	1700	18	4		0	09		0	004	TR	Nil	4.01
149	5	152	9	3	4	3	4	100	0	11	8			0	08				2	63	2	82	1726	1726	15	3		0	10					
152	9	156	4	3	5	3	5	100	0	9	4			TR					1	81	2	74	1727	1727	14	9		0	06					
156	4	157	9	1	5	1	5	100	0	3	4			TR					1	61	2	82	1728	1728	5	8		0	06					
157	9	164	9	4	0	4	0	100	0	12	11			0	05				2	06	2	74	1729	1729	10	1		0	05					
161	9	168	9	3	0	3	0	100	0	18	8	0	007	0	06		0	14	TR	Nil	1	61	2	75	1730	1730	9	8		0	08		0	003	TR	Nil	3.87
164	9	169	1	4	2	3	6	65	7	10	4			TR					0	60	2	74	1731	1731	7	2		0	05					
169	1	172	2	3	0	3	0	100	0	10	1			0	08				3	60	2	75	1732	1732	5	7		0	10					
172	2	175	5	3	8	3	4	100	0	10	9			0	07				0	82	2	75	1733	1733	10	1		0	17					
175	5	177	5	2	0	2	0	100	0	6	0			0	03				1	00	2	73	1734	1734	9	9		0	10					
177	9	179	3	1	8	1	6	88	9	5	10	0	012	0	06		0	007	TR	Nil	2	62	2	80	1735	1735	4	9		0	08		0	003	TR	Nil	1.68
179	3	182	3	3	0	3	0	100	0	8	13			0	05				2	64	2	64	1736	1736	13	2		0	09					
182	3	191	1	8	8	8	4	95	5	26	15			0	12				1	99	2	68	1737	1737	35	9		0	11					
191	1	197	8	6	7	6	7	100	0	20	6			0	13				2	71	2	70	1738	1738	28	5		0	11					
197	8	204	4	6	6	6	6	100	0	20	10			0	22				4	93	2	70	1739	1739	27	6		0	14					
204	4	208	9	4	5	4	5	100	0	12	10	0	010	0	23		0	006	TR	Nil	1	69	2	63	1740	1740	10	5		0	20		0	003	TR	Nil	2.97
208	9	213	8	3	9	3	7	94	9	12	11			0	20				4	67	2	78	1741	1741	1	3		0	21					
213	8	215	0	2	2	2	0	90	9	7	1			0	27				3	61			1742	1742	4	3		0	21					
215	0	219	9	4	4	4	7	95	9	15	3			0	34				4	47	2	72	1743	1743	9	2		0	21					
219	9	223	8	9	3	9	1	97	8	30	11			0	33				4	37	2	65	1744	1744	21	7		0	27					
223	8	232	6	8	4	8	4	100	0	28	9	0	008	0	28		0	005	TR	Nil	5	15	2	78	1745	1745	10	6		0	23		0	005	TR	Nil	3.25
232	6	242	8	6	2	6	2	100	0	18	9			0	21				3	61	2	76	1746	1746	17	1		0	19					
242	8	248	0	4	2	4	0	95	2	13	5			0	55				7	13			1747	1747	10	2		0	22					
248	0	260	0	2	0	1	8	90	0	4	14			0	23				5	18	2	84	1748	1748	0	6		0	49	0	04				
260	0	261	4	1	4	1	1	78	6	3	1			0	10				1	61	3	00	1749	1749	4	8		0	34					
261	4	265	7	1	3	1	3	100	0	3	5	0	012	0	07		0	007	TR	Nil	0	39	2	72	1750	1750	6	1		0	34		0	004	TR	Nil	2.54
265	7	273	9	1	2	1	0	80	3	2	14			0	05				0	51	2	90	1751	1751	4	7		0	12					
273	9	285	0	1	1	1	1	100	0	3	7			0	11				2	79	2	85	1752	1752	1	8		0	34					

DDH NO. G-32

STATE Arizona — MINING DISTRICT Lone Star — COORDINATES 19,934 N 23,652 E — DATE STARTED 4/3/57 — DRILLING CO.
COUNTY Graham — PROJECT Safford — COLLAR ELEVATION 4102.8 — DATE COMPLETED 4/10/57 — Boyles
INCLINATION -90° BEARING — — FINAL DEPTH 305.6

FOOTAGE				UNALT	CHLOR.	EPIDOTE	MONTMOR.	BIOTITE	KAOL.	HY. MICA.	ORTHO.	SER.	SIL.	STAGE NO.	ROCK TYPE	SECTION	CUSFES4	I CUFES2	FE S2	CU2S	CUS	MOS2	OXIDE ZONE: LEACHED CAVITIES-COLOR ETC. / SULPHIDE ZONE-CHAR OF MIN. DISS. VEIN, ETC.	V INCL.	FRACTURING	GEOLOGY	LOG BY
0	0	5	0																						Collar	
5	0	85	0		3-4				2			2	2		4 Andesite								Limonite staining LC 3-4		5½' numerous irreg 35-40° 55- 40° 58- 40° v/n near vert 616'-35° 624-35°	Pore Copr Reservoir. Weathered Andesite greenish color, minute feldspar laths, limonite staining on fractures, minor jarosite. LC 3-4 on fractures.	
35	0	40	0			·			2?			4	4		1 Latite?								Limonite, hematite, jarosite LC 3-4		456-35° 620-35° 69-35-40° 71-90 75-35° 776-35°	Latite (?) Light weathered & mineralized Limonite hematite and jarosite, numerous irregular fractures LC 3-4	
40	0	50	0						2?			3	3		Latite			1-2	1-				Diss pyrite & pyrite veinlets at 5-6 V sparse covellite - chalcocite		86-40° 88-40° 90-45° 95-40° 95-40° 103-40°	Latite with chalky white feldspars set in lite grey aphanitic matrix which is altered to ser-clay. Pyrite specks at 40' and increase in abundance with depth. Very sparse covellite chalcocite	
50	0	60	6						2			4	4		Latite			3	1	1?			Much diss pyrite, few veins w/ chl & V sparse covellite-chalcocite		109-50°-50° 109-90° 116-90° 123-40° 127-40°	Light grey Latite with phenocrysts of altered feldspar (now white ser-clay) set in a fine grained matrix of sericite & kaolin. Matrix altered to aphanitic. Some dacitic grey to grey-green spots in rock — often have pyrite in them. Probably originally plag feldspars.	
90	6	101	0						2			4	4		Latite			3	2	1-?			Much diss pyrite Veins and veinlets - trace gal coating of chalcocite.		143-45° 148-172 numerous irreg 172-182 numerous irreg weak	Same rock with more chalcocite.	
91	0	130	0						2			4	4		Latite	X		3	1	1-			Much diss pyrite Minor veins V sparse chalcocite		183-20°-40° 192-20° 192-20° & weak irreg 201-pyrite vein open sparse 204 vein 204-209 veinlets 209-30° weak irreg 231 vein	Same rock. Minor green material in veins. Probably in chlorite grp. To 114.0'	
118	0	144	2						2			4	4		Latite			3					Pyrite diss & in veins		222 pyrite vein 35° 229 " " 35° 225-50-60° py veins 236-237 many vnlt py veins w/spar sprgbds	Same rock with abundant medium (?) & chlorite in veins. Green spots then at each (??) alteration product probably in chlorite group	
142	7	145	7		2				2			4	4		Latite?				2				Pyrite diss.		238-295 weak irreg	Grey aphanitic Rock. Probably Latite. No green minerals.	
145	7	148	7		2				2			4	4		Latite				1-2				Pyrite diss.		252-257 core broken up 257-269 core massive fine very fract.	Lite grey Latite with chalky feldspars throughout. Slightly altered	
148	2	159	6		3				2			4	4		Latite w/ Andesite frag			1	3	1-			Pyrite diss & in veins Minor chalcopy; chalcocite in veins assoc with pyrite		269-291 core broken up 291-293 core massive fine very fract. 294-305 steep 30°-40°	Same as above with andesite fragments - altered frags.	
159	0	177	0		3				2?			4	4		Andesite?	X		1-	2	1-			In part andesite, in part andesite and Latite frags (rounded) set in fine to aphanitic groundmass. 30 Veins with chlorite angle mostly on fractures			In part andesite, in part andesite and Latite frags (rounded) set in fine to aphanitic groundmass. 30 Veins. With chlorite angle mostly on fractures	
177	3	237	6		1				2			4	4		Latite			1-2	3	1-			Pyrite diss & in veins minor chalcocite & chalcopyrite			Lite grey porphyritic Latite. Minor chlorite assoc with feldspars in the veins. Chalcopyrite in veins and diss slightly more abundant.	
237	6	250	0		1										Latite w/ andesite frag			1	2-3	1-			Pyrite & chalco. diss and few veins. V minor chalcocite		296-305 steep 30°-40°	Same as above with more chlorite. Usually more rounded frags of andesite. 298.0' vein with 5% crystals pyrite, chalcopyrite and chalcocite.	
250	0	268	0		2-3				1?			4	2		Andesite?			1-	2				Minor pyrite, chalcopyrite			Andesite? Core broken up. Base? Rock probably andesite altered to ser-sericite and chlorite. Minor pyrite and chalcopyrite	
268	0	295	0		3				1?			3	3		Andesite	X		1-	2-3	1-			Pyrite chalcopy diss & in veins. V minor chalcocite			Porphyritic andesite with 25% phenocrysts altered to ser-sericite & chlorite in groundmass. From 272-293 Rock has greenish cast & is highly altered along pyrite veinlets. Chlorite-clay along fractures. To 295.0	
293	0	305	0						1			4	4		Latite			1	2	1-			Trace of sulphide diss & few veins			Light grey porphyritic Latite highly altered to ser, sericite & kaolin. Sulphides diss & few veins. 303.5' vein with pyrite, chalcopy & chlorite. Core fract with 90° to 70° axis. Core broken.	

EXHIBIT H

DDH NO. G-32

STATE _____ MINING DISTRICT _____ COORDINATES _____ N _____ E _____ DATE STARTED _____ DRILLING CO. _____

COUNTY _____ PROJECT SAFFORD COLLAR ELEVATION _____ DATE COMPLETED _____

INCLINATION _____ BEARING _____ FINAL DEPTH _____

MoS2

FOOTAGE				Li		La		CORE % REC. BY FT.		CORE LBS. REC.		CORE % REC. BY WT.		CORE ASSAY TOT. CU.		CORE OX CU		CORE MO		CORE ASSAY Au		CORE Ag		CORE S		CORE SG		CORE SIZE	CORE SAMP. NO.	SLUDGE SAMP. NO.	SLUDGE 02 LBS. REC.		SLUDGE % REC. BY WT.	SLUDGE SPLIT	SLUDGE ASSAY TOT. CU.		SLUDGE ASSAY OX CU		SLUDGE ASSAY MO		SLUDGE ASSAY Au	SLUDGE ASSAY Ag	SLUDGE ASSAY S	COMBINED ASSAY PERCENT 0.1 0.5 1.0	COMBINED ASSAY TOT. CU
255	0	256	0	1	0	1	0	100	0	3	9			0	32									2	79				1753	1753	4	5			0	35								
256	0	257	8	1	8	0	8	44	4	3	0			0	17									0	93				1754	1754	4	8			0	31								
257	8	258	8	1	0	0	9	90	0	3	0	0	065	0	10			0	003	0	01	0	20	0	48	3	46			1755	1755	6	1			0	37		0	003	TR	Nil	3	34	
258	8	260	0	2	2	1	9	56	3	5	0			0	07									0	45	2	89			1756	1758	~~7~~				0	14	1							
260	0	261	8	2	8	1	9	67	6	3	6	0	005	0	25			0	003	0	01	0	20	2	59			BX	1760	1760	7	9			0	40	0	15	0	004	TR	Nil	3	71	
264	8	265	8	1	0	1	0	100	0	2	1			0	12									1	20	2	42	Bac	1761	1761	6	5			0	49	0	15						
265	8	267	3	1	5	1	5	100	0	2	12			0	15									3	25				1762	1762	6	7			0	47	0	12						
267	3	268	7	2	4	2	4	100	0	5	7			0	13									2	91				1763	1763	9	1			0	27								
269	7	270	5	8	8	8	6	97	7	18	2			0	07									1	92	2	62		1764	1764	24	8			0	12								
270	5	283	0	4	5	5	0	111	1	11	9	0	067	0	16			0	004	TR		TR		3	73	2	71		1765	1765	15	9			0	18		0	003	TR	Nil	3	29	
283	0	290	0	7	0	7	0	100	0	17	1			0	15									4	84	2	72		1766	1766	23	4			0	13								
290	0	296	2	6	2	6	2	100	0	13	3			0	10									3	09	2	73		1767	1767	9	3			0	11								
296	2	305	5	9	3	9	0	96	7	20	6			0	11									3	15	2	65		1768	1768	11	5			0	12								

ASSAY SUMMARIES

190	0	243	8	53	8									0	13	—																												
243	8	248	0	4	2									0	55	—																												
248	0	305	5	57	5									0	12	—																												
0	0	306	0	306	0							0	007	(Re-Ass)																														
190	0	305	5	286	5									0	13																														

20

DDH NO. G-33

STATE Arizona — MINING DISTRICT Lone Star — COORDINATES ____N ____E — DATE STARTED 9/4/57 — DRILLING CO.
COUNTY Graham — PROJECT Safford — COLLAR ELEVATION 4253.2' — DATE COMPLETED 9/7/57 — Boyles Bros.
INCLINATION -90° — BEARING — — FINAL DEPTH 295.0'

CORE — MoS_2

FOOTAGE				Li		La		% REC. BY FT.	LBS. REC.		% REC. BY WT.		TOT. CU.	OX CU	MO	ASSAY Au	ASSAY Ag	S	SG	CORE SIZE	SAMP. NO.
0	5	32	8	31	8	17	7	98	6				0	20					0	14			RC 598
30	8	41	5	3	4	2	3	94	6	11			0	15					0	14			1504
41	2	46	8	4	6	4	9	100	12	12	0	003	0	24		0	002	TR	NIL	0	14		1505
46	8	51	9	5	1	4	9	96	13	1			0	21						0	19		1506
50	9	56	7	3	8	3	8	100	8	1			0	25						0	58		1507
56	7	61	2	3	5	3	5	100	10	0			0	13						0	67		1508
61	2	63	0	4	8	5	2	100	13	12			0	13						0	16		1509
63	0	66	7	3	2	3	2	100	6	11	0	005	0	15		0	003	TR	NIL	0	44		1510
64	2	76	3	10	0	9	8	96	25	3			0	12						0	15		1511
76	2	81	4	5	2	5	2	100	14	0			0	12						0	51		1512
81	7	87	4	6	0	1	7	98	3	13			0	16						0	14		1513
87	4	93	8	5	4	1	8	96	2	8			0	18						0	16		1514
91	8	96	5	3	7	2	4	100	2	6	0	001	0	13		0	004	TR	NIL	0	11		1515
96	5	97	5	1	0	0	9	100	0	14			0	91	0	01				0	18		1516
97	5	102	5	5	0	5	0	100	15	10			0	26	0	02				1	43		1517
102	5	106	0	3	5	3	5	100	5	4			0	53	0	04				1	16		1518
106	1	108	2	0	5	0	5	100	1	9			0	58	0	03				0	98		1519
108	5	112	0	6	5	6	5	100	10	7	0	004	0	90	0	09	0	003	TR	1	27		1520
112	0	114	5	2	5	2	5	100	7	12			0	44	0	02				3	46		1521
114	5	121	9	7	4	7	4	100	13	1			0	91	0	01				3	16		1522
121	9	125	7	3	8	3	8	100	2	12			0	58	0	01				3	30		1523
125	7	132	0	4	3	4	3	100	13	7			0	37	0	05				3	05		1524
130	0	133	7	2	7	4	7	100	14	13	0	001	0	90	0	01	0	006	TR	2	70		1525
133	7	135	1	3	4	3	4	100	13	4			0	33						1	72		1146
135	1	139	6	3	9	2	8	97	8	8			0	80						4	39		1551
139	6	141	7	2	7	2	7	100	7	8			0	08						6	92		1552
141	7	144	6	4	9	4	8	97	15	1			0	55						8	74	2 70	1553
144	6	145	9	4	1	3	2	100	9	4			0	42						2	43	2 77	1554
145	9	153	3	2	4	2	4	100	7	4	0	002	0	18		0	004	TR	0.2	1	05		1555
153	3	154	8	3	5	3	2	97	10	6			0	11						4	67		1556
154	8	161	6	4	0	4	0	98	13	3			0	10						4	16	2 28	1557
161	8	165	1	2	3	2	3	100	7	8			0	31						2	16		1558
165	1	169	0	3	9	3	9	100	10	1			0	09						0	14	2 70	1559
169	0	171	8	2	8	2	8	100	7	0	0	001	0	10		0	004	TR	TR	2	49	2 78	1560
171	8	174	0	2	2	2	2	100	6	3			0	05						0	44		1561
174	0	178	7	4	7	4	7	100	14	3			0	14						2	84	2 72	1562
178	7	181	2	3	5	3	5	98	9	15			0	13						0	51	2 65	1563
181	2	185	0	4	8	4	8	100	5	0			0	07						0	25	2 70	1564
185	0	190	0	4	0	4	0	100	12	12	0	001	0	10		0	006	TR	0.2	5	66	2 65	1565
190	0	194	0	4	0	4	0	100	11	4			0	18						0	99	2 89	1566
194	0	198	0	4	0	4	0	100	13	8			0	16						3	24	2 61	1567
198	0	201	7	3	7	3	8	100	21	8			0	12						3	55	2 79	1568
201	7	205	0	4	6	3	6	100	14	9			0	09						3	21	2 69	1571
205	6	209	4	4	1	3	9	100	14	11			0	15						2	97	2 51	1572
209	4	213	2	3	9	3	1	97	9	14			0	13						3	54	2 69	1573
213	2	217	0	3	3	3	0	100	14	0			0	54	0	025				2	54	2 64	1574
217	0	221	6	3	6	3	5	98	10	3	0	001	0	31		0	004	TR	NIL	1	48	2 69	1575
221	6	225	0	3	9	3	0	100	10	1			0	30						1	29	2 64	1651
225	6	230	0	4	2	3	0	100	12	0			0	35						0	29	2 59	1652
230	0	234	2	3	4	2	4	100	6	10			0	18						0	61	2 63	1653
234	2	241	6	1	4	1	7	100	4	6			0	18						0	55		1654
241	6	245	1	0	7	0	7	96	1	13	0	001	0	19		0	004	TR	NIL	0	42	2 61	1655
245	1	248	1	2	3	2	2	100	6	13			0	07						0	47	2 71	1656
248	1	251	5	4	0	3	0	100	8	15			0	10						0	99	2 62	1657
251	5	254	8	3	6	2	7	100	6	7			0	10						1	25	2 73	1658
254	8	257	0	3	8	3	5	100	15	12			0	09						0	59	2 52	1659

SLUDGE

SAMP. NO.	LBS. REC.		% REC. BY WT.	SPLIT	ASSAY TOT. CU.	OX CU	MO	Au	Ag	S
1504	5	3			0 19					
1505	16	5			0 24		0 002	0 003	NIL	0 19
1506	12	5			0 25					
1507	6	5			0 20					
1508	6	4			0 15					
1509	5	2			0 11					
1510	29	9			0 17		0 002	TR	NIL	0 45
1511	29	4			0 17					
1512	26	4			0 14					
1513	26	1			0 14					
1514	22	1			0 18					
1515	19	6			0 17		0 002	TR	TR	0 14
1516	7	1			0 16	0	04			
1517	12	4			0 25	0	06			
1518	4	9			0 26	0	07			
1519	6	7			0 20	0	03			
1520	11	7			0 27	0	05	0	003	TR NIL 0 92
1521	10	7			0 27	0	02			
1522	12	9			0 27	0	02			
1523	2	8			0 39	0	05			
1524	13	1			0 40	0	005			
1525	15	7			0 31	NIL	0 002	TR	TR	3 02
1551	11	1			0 28					
1552	33	8			0 31					
1553	5	7			0 18					
1554	14	9			0 09					
1555	8	2			0 18		0 002	TR	NIL	2 88
1556	5	6			0 41					
1557	2	1			0 14					
1558	2	0			0 16					
1559	4	9			0 27					
1560	18	5			0 21		0 002	TR	NIL	3 00
1561	6	6			0 14					
1562	2	6			0 13					
1563	9	8			0 17					
1564	6	5			0 29					
1565	2	3			0 12		0 002	TR	TR	0 82
1566	10	5			0 16					
1567	13	5			0 16					
1568	13	5			0 17					
1571	18	4			0 18					
1572	12	1			0 19					
1573	14	3			0 29					
1574	7	8			0 41					
1575	2	5			0 30		0 002	TR	NIL	0 83
1652	3	2			0 29					
1653	2	9			0 22					
1654	2	7			0 17					
1655	1	5			0 16		0 003	TR	NIL	1 06
1656	5	7			0 17					
1657	8	1			0 19					
1658	5	2			0 17					
1659	10	4			0 18					

COMBINED ASSAY

PERCENT 0.1	0.6	1.0	TOT. CU

22

DDH NO. G-33

STATE Arizona MINING DISTRICT Lone Star
COUNTY Graham PROJECT SAFFORD
COORDINATES 20,766 N 24,154 E
COLLAR ELEVATION 4253'
INCLINATION -70° BEARING —
DATE STARTED 9/4/57 DRILLING CO.
DATE COMPLETED 9/7/57 Boyle's Bros
FINAL DEPTH 295.0

FOOTAGE				UNALT	% CHLOR.	EPIDOTE	MONTMOR.	BIOTITE	KAOL.	HY. MICA.	ORTHO.	SER.	SIL.	TOPAZ	STAGE NO.	ROCK TYPE	SECTION	CuSFeS4	CuFeS2	FeS2	CuS	Cu	MoS2	OXIDE ZONE: LEACHED CAVITIES-COLOR ETC. / SULPHIDE ZONE-CHAR OF MIN. DISS. VEIN, ETC.	< INCL.	FRACTURING	GEOLOGY	LOG BY
0	0	50.	3			2		3				1	1	3		Andesite								Abundant limonite staining fractures in some veins L.C. restricted to the fractures		147-547 numerous fract. brecciated in part	Grey-green andesite w/ feldspars ½" or less. Surface weathering predominant. Fractures filled with FeO3 and many exhibit box-works. Some fractures have intense sericitic alteration extending out from them. Epidote present. Possibly minor cuprite and tennantite? 326-462 pinkish stain suggestive of cuprite	WHR
50.	3	58.	2					1			4	4	0			Andesite								Same		957 112.5 numerous small mainly 0° & vert 1160 pyrite vein 20°	Dense light grey rock composed mostly of quartz-sericite and probably derived from alteration of andesite. Abundant limonite staining; minor jarosite.	
58.	2	76.	2					1			3	3	2			Andesite								Same & minor chalcocite 780'		130° vert 134 vert 1467 pyrite vein - 20°	Light grey-green andesite not as highly altered as above. Appears to contain frag. up to 1" but are probably areas of different degrees of alteration.	
76.	2	99.	4								4	4	1			Andesite										155-300' pyrite veins most orientation 20-50°	Same as 50.3-58.2	
99.	4	115.	0						1-2		4	4	1			Andesite	X		1-	1-2	1-			Pyrite diss & in stringers w/ thin chalcocite coatings Minor chalcopyrite		204 vert 225- vert 229 vert	Same rock as above plus sulphides. Pyrite diss & in stringers up to ¼" with very thin coatings of chalcocite. Limonite staining still prominent on fractures. Rock contains numerous small fractures. Texture not readily visible. Slightly frag. & brecciated or else alteration patches. TD 115.5
115.	0	126.	0				1	3			4	4				Latite?			1-	2	1--			Pyrite chalcopyrite diss & in stringers with thin coatings of chalcocite		242- vert 257- 50° 268- 30° 279- 50° 283- 40°	Latite(?) Rock light colored with relict feldspars which were completely altered. Outlines of feldspars suggest that some were originally orthoclase. Difficult to distinguish from altered andesite. Pyrite & chalcopyrite diss thru' out with thin chalcocite coatings; also few stringers w. sulphides. Cannot distinguish contact between Latite(?) and the altered andesite.
126.	0	177.	6				1	2-3			4	4	1			Qtz Latite to Rhyolite	X		1	2-3	1	1		Same, few speck' cavellite		291- 50° 298- vert	Same rock plus quartz phenocrysts. Some areas more silicified & darker grey in color. Some manganese along pyrite veins, and on fractures. Pyrite, Chalcopyrite diss & in stringers. Minor chalcocite coatings. Many of pyrite stringers have quartz gangue — Open space fillings with quartz & pyrite crystals. In most areas quartz phenocrysts do not exceed 5% of total rock. Few specks of Cavellite TD 177.6'
177.	6	219.	7		1?		1		2		4	4	1			Qtz Latite			1-	1-2	1-			Pyrite, chalcopyrite diss minor chalcocite coatings			Same rock less sulphides & most all of sulphide diss. Feldspars slightly greenish. Chlorite 180.2-186.0
219.	7	235.	5		1		1?		2		4	4	1			Latite			1-	1-2	1-			Minor sulphides diss & in veins			Latite-Andesite. Some rock except few to no quartz phenocrysts; more chlorite.
235.	5	264.	0		1		1		2		4	4	1			Qtz Latite			1-	1	1-			Same			Quartz Latite like 177.6-219.7 except more silicified & contains more chlorite.
264.	0	268.	0								4	4				Qtz Latite?			1-	2+				Diss pyrite; minor chalcopyrite			Highly silicified with diss pyrite. Only few feldspar relicts recognizable. Rock mainly quartz with sericite & pyrite.
268.	0	295.	0		1				1		4	4				Latite to Qtz Latite	X		1-	2+				Diss pyrite - chalcopyrite few stringers.			Highly altered rock probably a Latite to Qtz Latite. Few areas like 269-268.0. Relict feldspar indicate both orthoclase & plagioclase. TD 279.3 (silicified material).

EXHIBIT H

23

DDH NO. G-33

STATE Arizona MINING DISTRICT Lone Star COORDINATES 20,766' N 24,154' 4 E DATE STARTED 4/4/57 DRILLING CO.
COUNTY Graham PROJECT SAFFORD COLLAR ELEVATION 4257 3 DATE COMPLETED 4/7/57 Boyles
INCLINATION -70° BEARING — FINAL DEPTH 2952 FROM 2950 TO 3/14/58 — Boyles

Mo Sc

CORE

FOOTAGE				Li		La		% REC. BY FT.	LBS. REC. 02	% REC. BY WT.	TOT. CU.	OX CU	MO 02	ASSAY Au	Ag	S	SG	CORE SIZE	SAMP. NO.
252	0	256	4	4	4	4	3	97	7 11 12	0 005	0 11		0 003	Tr	Nil	2 02	2 60		1660
256	4	262	0	5	6	5	6	100	0 16 7		0 10					1 51	2 58		1661
262	0	263	9	1	9	1	9	100	0 5 4		0 14					1 15	2 56		1662
263	9	266	9	3	0	3	0	100	0 9 2		0 13					8 67	2 98		1663
266	9	271	5	4	6	4	6	100	0 13 9		0 12					2 56	2 60		1664
271	5	276	6	5	1	5	1	100	0 16 12	0 007	0 11		0 004	Tr	Nil	2 69	2 64		1665
276	6	280	0	3	4	3	4	100	0 10 10		0 13					3 12	2 77		1666
280	0	284	7	4	7	4	7	100	0 19 12		0 12					1 28	2 67		1667
284	7	288	5	3	8	3	0	78	9 9 8		0 08					1 25	2 73		1668
288	5	292	7	4	2	3	7	86	1 9 8		0 10					3 22	2 63		1669
292	7	295	0	2	3	2	3	100	0 6 0	0 005	0 09		0 003	Tr	Nil	1 36	1 84		1670
295	0	305	6	10	6	10	6	97	1 32 9		0 11						2 92	Nil	5121
305	6	319	4	13	8	13	8	98	5 41 11	0 001	0 12		0 001	Nil	Tr	2 17	2 61		5125
319	4	329	4	10	0	10	0	100	0 32 7		0 13						2 68		5126
329	4	336	1	6	7	6	7	100	0 21 7		0 10						2 63		5177
336	1	346	7	10	6	10	5	99	0 33 0		0 12						3 25		5179
346	7	355	6	8	9	8	8	112	3 35 3		0 10						3 25		5182
355	6	364	9	9	3	8	7	93	5 21 5		0 15						3 62		5184
364	9	372	4	12	5	12	3	98	0 40 7	Nil	0 14		Nil	Nil	Nil	1 56	2 58		5185
372	4	391	8	14	4	14	1	97	9 44 11		0 11						2 59		5188
391	8	401	6	9	8	9	8	100	0 29 8	0 003	0 11		0 003	Nil	Tr	1 44	2 58		5190
401	6	415	0	13	4	12	10	95	5 38 6		0 11						2 57		5193
415	0	425	0	10	0	9	8	98	0 30 3	0 001	0 12		0 001	Nil	Nil	1 55	2 62		5195

SLUDGE

SAMP. NO.	02 LOS. REC.	% REC. BY WT.	SPLIT	ASSAY TOT. CU.	OX CU	MO	Au	Ag	S
1660	10 1			0 17		0 002	Tr	Tr	2 34
1661	10 2			0 15					
1662	1 5			0 19					
1663	3 3			0 17					
1664	10 9			0 16					
1665	16 4			0 15		0 002	Tr	Nil	2 38
1666	3 1			0 16					
1667	11 4			0 16					
1668	11 5			0 15					
1669	17 1			0 14					
1670	10 7			0 11		0 002	Tr	Nil	1 09

COMBINED ASSAY

PERCENT 0.1 0.5 1.0

TOT. CU

ASSAY SUMMARIES

37	8	96	5	58	7			(Arith)	0 005	0 16	—
96	5	134	7	38	2			(")	0 007	0 11	0 03
134	7	295	0	160	3			(")	0 005	0 16	—
0	0	425	0	425	0				0 005	(Arith)	

DDH NO. G-33

STATE _____ MINING DISTRICT _____ COORDINATES _____ N _____ E DATE STARTED _____ DRILLING CO.

COUNTY _____ PROJECT _____ COLLAR ELEVATION _____ DATE COMPLETED _____

INCLINATION _____ BEARING _____ FINAL DEPTH _____

FOOTAGE	UNALT	CHLOR.	EPIDOTE	MONTMOR.	BIOTITE	KAOL.	HY. MICA.	ORTHO.	SER.	SIL.	STAGE NO	ROCK TYPE	SECTION	CU5FES4	CUFES2	FES2	CU2S	CUS	MOS2	OXIDE ZONE: LEACHED CAVITIES-COLOR ETC. / SULPHIDE ZONE-CHAR OF MIN. DISS. VEIN. ETC.	< INCL.	FRACTURING	GEOLOGY	LOG BY
295.0 425.0		1+				1?			3	3		Quartz latite			1-	2+	1-			Moderate to abundant pyrite in veins, a little disem. Trace cpy with pyrite. few coils(?) coatings on fractures.		295.0-336.1 Moderate mostly near horizontal few near vertical. Some 30-45. 336.1-401 vertical 30°; 45° mod	Bleached quartz latite with phenocrysts of plagioclase, orthoclase, hornblende, and quartz [illegible] fine [illegible] feldspars moderately [illegible] and [illegible] appears to be [illegible] [illegible] to chlorite. (or greenbiotite?) Phenocrysts 1-3 mm.	[illegible]

EXHIBIT H

DDH NO. Little #1

STATE Arizona MINING DISTRICT [illegible]
COUNTY Graham PROJECT Safford

COORDINATES 20, [illegible] N [illegible] E
COLLAR ELEVATION 4157.0
INCLINATION Vert BEARING --

DATE STARTED 11/12/57 - 11/13/57 0-92.0 Forte drilled
DATE COMPLETED 3/4/58 DRILLING CO. Boyles
FINAL DEPTH 192.6

FOOTAGE		L1	L2	% REC BY FT.	LBS. REC.	% REC. BY WT.	TOT. CU.	OX CU	MO S2	ASSAY Au	Ag		6.6	CORE SIZE	SAMP. NO.	SAMP. NO.	LBS. REC.	% REC. BY WT.	SPLIT	TOT. CU.	OX CU	MO S2				COMBINED ASSAY PERCENT 0.1 0.5 1.0	TOT. CU
90.0	99.1	9.1	7.7		22.7										5092												
101.6	110.2	8.6	5.0	58.1	17.10										5096												
110.2	119.2	9.0	8.2	91.1	27.2		0.04						2.83		5099												
119.2	130.0	10.8	9.7	89.8	30.13		0.10			NIL	NIL				4902												
130.0	135.0	5.0	4.6	92.0	16.13		0.05						2.90		4903												
135.0	147.3	12.3	12.2	99.0	38.5		0.05						2.63		4906												
147.3	158.7	11.4	10.5	92.1	34.2		0.05						2.64		4909												
158.7	166.4	7.7	7.4	96.1	24.1		0.05						2.63		4910												
166.4	174.6	8.2	8.0	97.5	24.6		0.10						2.82		4912												
174.6	184.8	10.2	9.6	94.1	30.11		0.11						2.70		4914												
184.8	192.6	7.8	7.4	94.8	21.1		0.16						2.40		4918												
110.[illegible]	11[illegible].6	[illegible]					0.[illegible]																				

AR-032718

0.0' - 920' 11/13/57

DDH NO. Little #1

STATE Arizona MINING DISTRICT Lone Star COORDINATES 20,769.0N 20,507.1E DATE STARTED 3/14/58 DRILLING CO.
COUNTY Graham PROJECT Safford COLLAR ELEVATION 4157.0 DATE COMPLETED 3/18/58 Boyles
INCLINATION vert BEARING FINAL DEPTH 1926

FOOTAGE				UNALT	CHLOR.	EPIDOTE	MONTMOR.	BIOTITE	KAOL.	HY. MICA	ORTHO.	SER.	SIL.	STAGE NO.	ROCK TYPE	SECTION	CuS/FeS4	CuFeS2	FeS2	CuzS	CuS	MoS2	OXIDE ZONE: LEACHED CAVITIES-COLOR ETC. / SULPHIDE ZONE-CHAR OF MIN. DISS. VEIN, ETC.	< INCL.	FRACTURING	GEOLOGY	LOG BY
0.		25																							Gravel	
25.	0	92.	0		2	1-						1			Qz diorite										Greyish-green rock intrusive and authigenic; gold cleavage visible; mafics probably chlorite-biotite; minor sericite & epidote. Rock appears hydrothermal. Minor iron staining	
																							121-122 broken up clay; veins 109-110 well fe staining			
																							121 - vein 45° Fe to 30° 120-121 second veins with Fe oxides veins 45 to 30°			
																							132-134 sparse to end 35°-45°; VGT			
92.	0	100.	5		2+				1+			1			Quartz diorite								Limonite veins with shapes suggesting former pyrite, sparse		Fine-grained diorite rock with lamp phenocrysts of plagioclase and chloritized mafics in a groundmass of which appears to contain some quartz.	
100.	5	110.	2												Quartz diorite								Some iron stain on fractures. 45° vein. Mn stain Iron stain in lowest 1'. Abundant calcite throughout		Badly broken and gouge material, white in upper section, red stained in lower 1'.	
110.	2	119.	0		2	1-			1						Quartz diorite								Few traces of limonite pseudomorphs of pyrite, a little iron stain on fractures.		Relatively fresh quartz diorite, chloritized, trace of epidote, and some clay in along fractures.	
119.	0	131.	0						3			2	2		Quartz diorite								Strong yellow-brown and red limonite stain and veins, probably derived from sulfides		Strongly argillized and iron stained quartz diorite, some badly broken up with veins of quartz and limonite @ 130. 5/8 limonite vein with boxworks. Some silicification and sericitization. ~~Some quartz veins with open spaces~~	
131.	0	192.	6		2	1			1			1+			Quartz diorite								Scattered short zone of red to yellow-brown iron stain. Few limonite veins from sulfides. Some quartz veins with open spaces Black stain on some fractures		Quartz diorite like 110-119 except for 1-2' sections of argillized rock like above unit.	

EXHIBIT H

DDH. NO. BR #1

STATE Arizona MINING DISTRICT Lone Star
COUNTY Graham PROJECT Safford
COORDINATES 24,569.7 N 19,186.1 E
COLLAR ELEVATION 4604.9'
INCLINATION vert BEARING
Deepened to-1548' 9-7-62 to 10-16-62
DATE STARTED 6-3-58 DRILLING CO.
DATE COMPLETED 7-21-58 Boyles
FINAL DEPTH 717.7

CORE																									SLUDGE											COMBINED ASSAY										
FOOTAGE				L1	L2	% REC. BY FT	LBS. REC.	% REC. BY WT.	ASSAY TOT. CU	ASSAY OX CU	ASSAY MO Sa	ASSAY AU	ASSAY AG	ASSAY S	S.G.	CORE SIZE	SAMP. NO.	SAMP. NO.	LBS. REC.	% REC. BY WT.	SPLIT	ASSAY TOT. CU	ASSAY OX CU	ASSAY MO Sa	PERCENT 0.1 0.5 1.0	TOT. CU.
12.	5	24.	4	11.9	10.2	85.7			0.03							NX	7129										
24.	4	44.	2	19.8	19.0	95.9			0.03								7132										
44.	2	59.	9	15.7	4.5	28.6			0.03		0.004	TR	NIL	035	2.55		7135										
59.	9	65.	0	5.1	5.0	98.0			0.03						2.54		7138										
65.	0	75.	0	10.0	9.8	98.0			0.03						2.43		7139										
75.	0	89.	9	14.9	14.0	93.9			TR						2.44		7141										
89.	9	100.	0	10.1	10.0	99.0			0.03						2.60		7142										
100.	0	110.	3	10.3	10.0	97.0			NIL						2.42		7143										
110.	3	117.	4	7.1	7.1	100.0			NIL								7144										
117.	4	125.	0	7.6	7.2	94.7			NIL		0.004	TR	NIL	093			7145										
125.	0	135.	0	10.0	8.9	89.0			TR								7146										
135.	0	144.	2	9.2	3.4	36.9			TR								7147										
144.	2	159.	9	15.7	6.1	38.8			NIL								7149										
159.	9	171.	4	11.5	10.9	94.7			NIL		0.002	NIL	TR	012			7150										
171.	4	180.	4	9.0	7.1	78.8			NIL								7102										
180.	4	188.	4	8.0	8.0	100.0			TR								7103										
188.	4	198.	7	10.3	7.8	75.7			0.03								7104										
198.	7	207.	3	8.6	7.1	82.5			TR								7106										
207.	3	219.	0	11.7	8.2	70.0			0.03								7108										
219.	0	224.	3	5.3	5.3	100.0			0.10								7109										
NEW HOLE																											
225.	0	234.	1	9.1	7.5	82.4			0.07								7176										
234.	1	243.	8	9.7	9.7	100.0			0.07								7177										
243.	8	253.	9	10.1	10.1	100.0			0.03								7178										
253.	9	264.	4	10.5	9.6	91.4			NIL								7152										
264.	4	275.	5	11.1	7.2	64.8			NIL								7154										
275.	5	289.	5	14.0	12.6	90.0			NIL								7158										
289.	5	298.	3	8.8	6.4	72.7			0.04		0.002	TR	TR	0.08			6690										
298.	3	308.	8	10.5	9.1	86.6			0.04								6693										
308.	8	322.	2	13.4	12.7	94.7			0.04								6697										
322.	2	332.	1	9.9	9.9	100.0			0.07						2.49		6699										
332.	1	342.	8	10.7	1.3	12.1			0.09		0002		TR	TR	0.04		6700										
342.	8	355.	0	12.2	12.2	100.0			0.09		0002		TR	TR	0.03	2.59	6705										
355.	0	363.	6	8.6	8.6	100.0			0.08							2.53	6706										
363.	6	372.	5	8.9	8.9	100.0			0.08							2.54	6707										
372.	5	378.	9	6.4	6.4	100.0			0.09							2.64	6708										
378.	9	388.	4	9.5	9.5	100.0			0.10							2.58	6709										
388.	4	398.	2	9.8	9.4	95.9			0.06		0.002	TR	TR	0.07			6710										
398.	2	409.	2	11.0	7.7	70.0			0.06								6712										

Ag - 0.07 oz/T

DDH NO. BR #1

STATE Arizona — MINING DISTRICT Lone Star — COORDINATES 24,569.7 N 19186.1 E — DATE STARTED 6-3-58 — DRILLING CO. Boyles

COUNTY Graham — PROJECT Safford — COLLAR ELEVATION 4604.9' — DATE COMPLETED 7-21-58

INCLINATION Vert — BEARING — FINAL DEPTH 717.7

FOOTAGE (from)	FOOTAGE (to)	UNALT	CHLOR.	EPIDOTE	MONTMOR.	BIOTITE	KAOL.	KY. MICA	ORTHO.	SER.	SIL.	STAGE NO.	ROCK TYPE	SECTION	CU-S	CUFES2	FES2	CU2S	CUS	MOS2	OXIDE ZONE, LEACHED CAVITIES COLOR ETC. / SULFIDE ZONE CHAR OF MIN. DISS. V'LN. ETC.	∠ INCL.	FRACTURING	GEOLOGY	LOG BY
12.5	28.0	0	.2				2?			2-3	2		Quartz diorite porphyry								Abundant yellow to brown iron stain on fractures, probably some pyrite has been leached		12-219 mod. all orientations much of rock Breccia clayey, gougy zones, numerous most prominent at: 18;100;140-159 160-179;196-205.	Quartz diorite porphyry, phenocrysts of plagioclase 1-3 mm, 50-60%, & some mafics in a fine quartzose groundmass. Moderately to highly altered-bleached. Breccia zone 16.5-17.5, possibly elsewhere. Core very badly broken up.	
28.0	41.0	0	0.1				2?			3-4	3		Quartz diorite porphyry								Much yellow-brown iron stain on fractures, some sulfides (pyrite) present in veins		225-253.9 mod. much 70-90°, some 30-50, few near vertical.	Same rock type as above, but much more strongly bleached & iron stained. A little breccia. Strongly silicified adjacent to veins.	
41.0	75.0	0					2?			3-4	3-4		breccia qtz. dior. ppy. & QDP								abundant red brown, yellow brown, & some red limonite on fractures & filling open spaces. Few limonite specks in rock suggest dissem. sulfides.		253-289 mostly broken up 16" & most r"2" 289-322 broken up brecciated	Mostly quartz diorite porphyry that has been brecciated & the fragments cemented with silica. Much of it is closely veined by quartz with adjacent silicified zones & appears similar to the breccia. A few fragments of latite(?) in breccia. Some badly broken up.	
75.0	95.5						2?			3-4	3-4		same								abundant yellow brown limonite, a little red-brown		322-388 sparse to mod. 30-60°, near horiz, few near vert. random. Badly broken	Same rock as above, but much less red limonite. Some breccia has open space.	
95.5	123.0	0					1?			4	2		same								Sparse to mod. yellow-brown limonite. One speck of chrysocolla		377-379 388-401 mod. 40-60 irregular 401-409 Clayey gougy	Same rock, relatively little breccia, less limonite Strongly sericitized	
123.0	137.0	0					1?			4	2-3		same								Abundant maroon limonite, grades to orange-red near bottom. Probably some on sulfides originally present.		409-427 few 30°-60° with 418-27 gougy.	Same rock, some breccia cemented by limonite. Strongly sericitized	
137.0	206.0	0					2?			3-4	3		quartz diorite porphyry								yellow brown limonite stain in much of core.			Most of core is broken & ground to 2½" size, the identifiable pieces are quartz diorite ppy. Strongly sericitized & moderately silicified. Some leached sulfide. Probably some breccia. Bad ground.	
206.0	224.3						1?			2-3			Latite								some yellow-brown to dark brown limonite on fractures, esp. 219-224.			Light colored rock. 10-15% altered 1-4mm white feldspar phenocrysts in a light gray groundmass. Few biotite books altered to sericite or hydromica.	
224.3	225.0	0											no core								Mod. yellow-brown limonite on fracture, probably some sulfides originally present.			New hole started, no core taken to 225.0 from 225-230 appears to be breccia of q.d.p. fragments, strongly sericitized & iron stained yellow-brown limonite. From 230-234 the rock is qtz. diorite ppy moderately to strongly sericitized & slightly to moderately iron-stained- yellow brown to pinkish. Many slickensided	
225.0	234.1		0-1							3-4	1-2		quartz diorite? porphyry												

EXHIBIT H

DDH NO. BR#1

STATE Arizona MINING DISTRICT Lone Star
COUNTY Graham PROJECT Safford
COORDINATES 24,569.7 N 19,186.1 E
COLLAR ELEVATION 4604.9' INCLINATION Vert BEARING
DATE STARTED 6-3-58 DRILLING CO.
DATE COMPLETED 7-21-58 Boyles
FINAL DEPTH 717.7

CORE																	SLUDGE								COMBINED ASSAY	
FOOTAGE		L1	L2	% REC. BY FT.	LBS. REC.	% REC. BY WT	ASSAY TOT. CU	OX CU	MO S2	AU	AG	S	S.G.	CORE SIZE	SAMP. NO.	SAMP. NO.	LBS. REC.	% REC. BY WT.	SPLIT	ASSAY TOT. CU.	OX CU	MO S2	PERCENT 0.1 0.5 1.0	TOT. CU
409.2	417.7	8.5	7.7	90.5			0.04								6713									
417.7	427.7	10.0	2.4	24.0			TR								6714									
427.7	437.7	10.0	9.8	98.0			0.03		TR	TR	TR	0.12	2.58		6715									
437.7	447.9	10.2	0.3	02.9											6716									
447.9	456.0	8.1	7.3	90.1			0.05								6717									
456.0	463.3	7.3	7.2	99.0			0.04								6718									
463.3	473.3	10.0	10.0	100.0			0.04						2.37		6719									
473.3	483.9	10.6	8.4	79.2			0.03		TR	TR	TR	0.03	2.41		6720									
483.9	492.5	8.6	8.1	94.1			0.04						2.49		6722									
492.5	502.6	10.1	10.1	100.0			0.04						2.28		6723									
502.6	512.7	10.1	10.1	100.0			0.05						2.44		6724									
512.7	522.2	9.5	9.5	100.0			0.13		0.001	TR	TR	0.05	2.44		6725									
522.2	532.4	10.2	10.2	100.0			0.04						2.65		7179									
532.4	541.5	9.1	9.1	100.0			0.05		TR	TR	TR	0.02	2.49		7180									

AR-03-2218

DDH NO. BR/1

STATE Arizona MINING DISTRICT Lone Star
COUNTY Graham PROJECT Safford

COORDINATES 24,569.7 N 19,186.1 E
COLLAR ELEVATION 4604.9
INCLINATION vert. BEARING

DATE STARTED 6-3-58 DRILLING CO.
DATE COMPLETED 7-21-58 Boyles
FINAL DEPTH 717.7 Bros.

FOOTAGE		UNALT	CHLOR	EPIDOTE	MONTMOR.	BIOTITE	KAOL.	HY. MICA	ORTHO.	SER.	SIL.	STAGE NO	ROCK TYPE	SECTION	CUFES4	CUFES2	FES2	CU2S	CUS	MOS2	OXIDE ZONE: LEACHED CAVITIES COLOR ETC. / SULPHIDE ZONE: CHAR OF MIN. DISS. VEIN. ETC.	< INCL.	FRACTURING	GEOLOGY	LOG BY
																							427-437 fqw 45-60 437-447 fault?poor recovery 447-458 mod. 45, vert. 458-463 fault gouge	Surfaces in the latter stretch.	
234.1	287.5		2-3							1	1		quartz diorite porphyry?								slight iron stain (brown) on fractures Red to brown limonite replacing hornblende phenocrysts. Black manganese stain on fractures some dendrites		473-502 few 40-60° 473-502 few 30;45;60 with fault 482-483 502-512 few 45;20 [illegible] 512-533 35-60 abundant 522-541 35°-60° mod fault 530-32	20-25% 2-4 mm plag., 5-10% hornblende, & a little biotite in a fine siliceous matrix. Altered to chlorite & some epidote. This rock appears to have fewer phenocrysts & [illegible] a finer groundmass than other zones of quartz, diorite [illegible] Hornblende altered to splotches of red to red brown limonite with some cavities present. Rock color greenish gray groundmass dark gray green.	
287.5	332.0		1-							3	2		breccia of qtz. di. porphyry								mod. to strong yellow-brown iron stain some limonite boxworks.			½-3" fragments of quartz diorite porphyry in a matrix of finer fragments. Some open space. Moderate to strong sericitization. Some qtz diorite frags are more equigranular (finer more abundant phenocrysts) than 234-287.5	
332.0	365.0		1-2							1-2	1		breccia of qtz. di. porphyry								slight to moderate brown iron stain on fract. some black Mn stain			Similar to above but less altered & iron stained. Matrix appears more chlorite rich generally, & is probably altered ground up rock, but in few places gives appearance of being igneous. Fragments vary in texture somewhat, but all appears to be qtz. diorite.	
365.0	371.0		2-3	1						1	1		quartz diorite? porphyry								Same as 234-287 Black Mn stain on most fract.			Rock like 234-287 in lithology and alteration.	
371.0	389.0		1							2	1		breccia of qtz. di. porphyry								Moderate yellow-brown limonite on fract. & filling open space		M	Like 287-365 Moderate yellow-brown limonite on fractures & filling open spaces. Matrix appears to be slightly silicified and chloritized ground up rock.	
389.0	402.0									3	4		breccia of qtz. di. porphyry								mod. yellow-brown iron stain & limonite, few limonite coatings & fillings suggest some pyrite orig. present.			Rock-like 287-332 but highly altered-bleached- to quartz & sericite with moderate yellow-brown iron stain on fractures, filling open spaces, and staining matrix of breccia.	
402.0	411.0						1?			4	2		fault zone								brown to red iron stain			Rock probably qtz. diorite like above but now gougy and highly altered, brown to red iron stain.	
411.0	463.0						1-2?			4	3		breccia of qtz. di porphyry								mod. to abundant limonite, some yellow-brown, some red to maroon, along shears & in matrix of rock Limonite color suggests some Cu present orig.			Probably the same rock as 287-402, but qtz diorite fragments appear to have fewer large phenocrysts & no or few mafics. Generally 1 mm sericitized white feldspars in a gray siliceous groundmass. Additional fault or shear zones at 419-427, probably 438-448 (no core) and from 458-463.	

EXHIBIT H

3a

DDH NO. BR#1

STATE Arizona MINING DISTRICT Lone Star
COUNTY Graham PROJECT Safford

COORDINATES 24569.7 N 19186.1 E
COLLAR ELEVATION 4604.9'
INCLINATION vert. BEARING

DATE STARTED 6-3-58 DRILLING CO. Boyles Bros.
DATE COMPLETED 7-21-58
FINAL DEPTH 717.7

FOOTAGE		L1	L2	CORE: % REC. BY FT.	LBS. REC.	% REC. BY WT	TOT CU	OX CU	MO S2	ASSAY AU	AG	S	S.G.	CORE SIZE	SAMP. NO.	SLUDGE: SAMP. NO.	LBS. REC.	% REC. BY WT	SPLIT	ASSAY TOT CU	OX CU	MO S2	COMBINED ASSAY: PERCENT 0.1 0.5 1.0	TOT. CU
541.5	551.2	9.7	7.3	75.2			0.04						2.61		7182									
551.2	557.6	6.4	6.3	99.0			0.04						2.58		7183									
557.6	565.5	7.9	7.3	92.4			0.03						2.58		7184									
565.5	575.5	10.0	9.5	95.0			0.03		0001	TR	NIL	0.05	2.59		7185									
575.5	585.5	10.0	10.0	100.0			0.03						2.52		7186									
585.5	594.1	8.6	5.5	63.9			0.03						2.55		7187									
594.1	605.6	11.5	11.3	98.2			0.04						2.58		7189									
605.6	615.6	10.0	10.0	100.0			0.04		0001	TR	NIL	0.05	2.56		7190									
615.6	622.3	6.7	6.7	100.0			0.05						2.61		7191									
622.3	628.3	6.0	5.4	90.0			TR								7192									
628.3	638.8	10.5	9.1	86.6			0.03								7193									
638.8	646.0	7.2	5.9	81.9			0.04								7194									
646.0	654.1	8.1	5.0	61.7			0.03								7197									
654.1	664.4	10.3	10.3	100.0			TR						2.70		7199									
664.4	674.6	10.2	4.4	43.1			0.03								7317									
674.6	685.0	10.4	9.5	91.3			0.03						2.80		7318									
685.0	693.6	8.6	8.6	100.0			0.03						2.49		7319									
693.6	703.8	10.2	10.2	100.0			0.04		0001	TR	TR	0.10	2.62		7320									
703.8	710.3	6.5	6.5	100.0			0.05						2.22		7321									
710.3	717.7	7.4	7.4	100.0			TR						2.61		7322									

AR-032718

DDH NO. BR/1

STATE Arizona MINING DISTRICT Lone Star
COUNTY Graham PROJECT Safford

COORDINATES 24,569.7 N 19,186.1 E
COLLAR ELEVATION 4604.9
INCLINATION vert. BEARING

DATE STARTED 6-3-58 DRILLING CO.
DATE COMPLETED 7-21-58 Boyles Bros.
FINAL DEPTH 717.7

FOOTAGE	UNALT	CHLOR	EPIDOTE	MONTMOR	BIOTITE	KAOL	HY. MICA	CHTRO	SER	SIL	STAGE NO	ROCK TYPE	SECTION	CUSFEB4	CUFEB2	FeS2	CU2S	CuS	MoS2	OXIDE ZONE: LEACHED CAVITIES-COLOR ETC. / SULPHIDE ZONE-CHAR OF MIN. DISS. VEIN, ETC.	< INCL.	FRACTURING	GEOLOGY	LOG BY
463.0 511.0		1+							3	1		Quartz Diorite Porphyry (to granodi)								Mod. red limonite grains & veins to 475. (groundmass) of rock stained pink throughout.		575.5-585.5mod. 60° two direct. 585.5-594.1 mod. int. 10°, 60°, 80°. 605-615 slight mod. 20°, 70°.	Rock- has 30% 1-2mm feldspars & 10% 3-10mm hornblende relics in a light siliceous(?) groundmass. Moderately to lightly bleached to sericite, mafics altered to dull green chlorite (appears to be mixed with sericite under microscope). Groundmass stained pink. Moderate amts. of red limonite mostly near fract. to 475. Fault or cave at 483'.	
511.0 537.5		1+							3	1		Quartz Diorite Porphyry (to granodi)								Yellow-Brown lim. on veins & fract. Pink stain 528-533		541-575 mod. 30-60 549 fault breccia	Rock- same as above but groundmass unstained except 528-533 (pink) and locally near veins (yellow brown).	
537.5 629.0		1+				0-1			0-2			Qtz. dior. or granodi porphyry								Slight brown to yellow-brown iron stain on fract. A little iridescent lim. as coatings. Some black Mn stain, with thin veins of pyrolusite. Sparse grains of maroon lim. on veins from 577-588.		615-22 mod. 45-60 622-646 few to vert. & vein vert. broken up 642-646.	Rock- same as above but mostly fresher. Some pink feldspar phenocrysts- may be K feld. Fault zone 548-551 with somewhat greater alteration. Slightly more altered 560-571, 577-600. Few 1-3" inclusions, well recrystallized to fine grained (0.5mm) equigranular, rock slightly more mafic than magma. Sparse quartz phenocrysts. Mafics partyly altered to red limonite. Some limonite phenocrysts present originally.	
629.0 684.0		2				0-1			1-2			Qtz. dior. to granodi Porphyry								Traces of maroon lim. on fract. Brown to yellow iron stain, black Mn or Fe stain on joints		654-657.3mod. 40-80°. 657.3-657.9core badly broken. 657.9-674.6slight mod. 10-20, 40-60, 70-80 674.6-675 crush zone, poss. gouge. 675-678intense40-50. 678-693.0slight 10-20mod 40-80.	Same rock type, but more altered & fractured, faulted. Mafics chloritized & Kaolinized(?). Some reddish limonite from mafics. Broken zone 639-649 possible thin fault zone 659. Strong sericite & bleaching 628-630, 682-684.	
684.0 717.7		1							0-1			Qtz. dior. to granodi Porphyry								Very sparse bright red to maroon lim. grains on fract. Brown to black iron stain on fract.		693-710 sparse 0-20, sparse-mod. 40-80, some 30-50 700-705 more broken than rest. 710-717 sparse to mod. mostly 60-90, few 0-10. 710-712 more broken up. Reddish lim. from mafics in places.	Same rock type as above, but mostly relatively fresh. Few narrow zones more sericitized.	

EXHIBIT H

1a

DDH NO. BR-1

STATE Arizona MINING DISTRICT Lone Star COORDINATES 24,569.7 N 19,186.1 E DATE STARTED 9-7-62 DRILLING CO.
COUNTY Graham PROJECT Safford COLLAR ELEVATION 4604.9' DATE COMPLETED 10-16-62 Safford Drilling
INCLINATION -90° BEARING Vert. FINAL DEPTH 1548' Company

CORE

FOOTAGE				L1		L2		% REC BY FT.	LBS. REC.	% REC. BY WT.	TOT. CU.	OX CU	MO S2	ASSAY Au	ASSAY Ag	CORE SIZE	SAMP. NO.
739	0	749	0	10	0	10	0	100			0.04			Trace	0.05	K	5935
781	0	791	0	10	0	9	0	90			0.02			0.003	0.05		5936
820	0	830	5	10	5	6	0	57			None						5938
875	5	885	0	9	5	9	0	94.7			None						5939
901	0	909	0	8	0	8	0	100			0.03						5952
930	0	939	0	9	0	9	0	100			0.07						5953
951	0	961	0	10	0	9	5	95			0.09						5959
971	0	980	0	9	0	6	5	72			0.03						5960
980	0	997	5	17	5	16	5	94.3			0.03						5961
997	5	1013	0	15	5	15	5	100			0.03						5962
1013	0	1025	0	12	0	10	5	87.5			0.03						5963
1025	0	1050	0	25	0	24	0	96			0.03						5974
1050	0	1070	0	20	0	14	0	70			0.14						5975
1070	0	1090	0	20	0	18	5	92.5			0.03						5976
1090	0	1099	5	9	5	9	0	94.7			0.04						5977
1099	5	1114	5	15	0	15	0	100			0.02						5979
1114	5	1134	0	19	5	19	5	100			0.02						5980
1134	0	1152	0	18	0	15	0	83.3			0.04			Trace	Trace		5982
1152	0	1167	0	15	0	15	0	100			0.02						5983
1167	0	1181	0	14	0	14	0	100			0.04						5984
1188	0	1211	0	23	0	23	0	100			0.04			None	Trace	Trace	5992
1211	0	1234	0	23	0	22	0	95			0.04						5993
1234	0	1241	0	7	0	7	0	100			0.04					↓	5994

CHECK ASSAYS

SAMP. NO.	LBS. REC.	% REC. BY WT.	SPLIT	ASSAY TOT. CU.	ASSAY OX CU	ASSAY MO S2

COMBINED ASSAY

PERCENT 0.1	0.5	1.0	TOT. CU.

DDH NO. BR-1

STATE Arizona COUNTY Graham MINING DISTRICT Lone Star PROJECT Safford
COORDINATES 24,569.7 N 19,186.1 E COLLAR ELEVATION 4604.9' INCLINATION -90° BEARING Vert.
DATE STARTED 9-7-62 DATE COMPLETED 10-16-62 FINAL DEPTH 1548' DRILLING CO Safford Drilling Company

FOOTAGE				L1		L2		% Core Recov.	Max. Length	FRACTURES / FOOT 0-30	30-60	60-90			No. of Pieces / FOOT	Ft. of 'Gravel' / FOOT	BIT SIZE	NO. OF PULL	Int. Angle	CAVING POSSIBILITIES	GEOLOGY
718	0	791	0	73	0	69	0	94.5	10"				9		+15	0.11	NX-777 BXWL	1-27 (27)	720'-63° 730'-47° 740'-54° 750'-78° 760'-42° 770'-58° 780'-57°	Weak (4)	Latite porphyry - feldspar phenocrysts sericitized, well fractured & broken, fractures filled with limonite & hematite, numerous leached cavities, occasional anhedral quartz phenocrysts. LA
791	0	885	0	94	0	76	5	81.4	15"				7		+10	0.05	"	28-48 (21)	790'-33°&57° 800'-48° 810'-45° 820'-43° 830'-50° 840'-55° 850'-62° 860'-49° 870'-36°	"	Latite porphyry - altered & sericitized, well fractured & broken, iron staining nil, ranges in color from yellow-brown to red-brown. Leached cavities along fractures & veinlets. "
885	0	939	0	54	0	53	0	98.1	13"				6		9	0.02	"	49-69 (21)	880'-46° 890'-40° 900'-55° 910'-51° 920'-43° 930'-19°&56° 940'-	Mod. Weak (3)	Latite porphyry as above to 907'. Andesite porphyry - minor alteration, feldspar phenocrysts fresh, poorly developed fractures, iron staining nil. "
939	0	980	0	41	0	35	5	86.6	9"				+10		+15	0.09	"	70-93 (24)	950'-66° 960'-13°&51° 970'-23° 980'-34°	Weak (4)	Andesite as above - limonite staining along fractures, minor leached cavities. Rhyolite @ 971' - oxidized & leached, well developed fractures filled with limonite. "
980	0	1025	0	45	0	42	5	94.4	10"				8		+10	0.09	"	94-105 (12)	990'-26°&51° 1000'-50° 1010'-50° 1020'-	"	Rhyolite as above - oxidized & leached, rock type difficult to determine. Minor stringers of leached andesite. Well fractured & broken, limonite stained. "
1025	0	1104	0	79	0	71	0	89.9	10"				6		+10	0.04	"	106-131 (26)	1030'-36° 1040'-40° 1050'- 1060'-27° 1070'-30° 1080'-15°&28° 1090'-42°	Mod. Weak (3)	Rhyolite - as above, highly fractured & broken, possible shear zone @ 1035'-1047'. Diorite - fine grained, equigranular, altered along fractures, pyritized, mafic constituents chloritized. "
1104	0	1143	0	39	0	39	0	100	10"				4		8	0.02	"	132-143 (12)	1100'-22°&37° 1110'-56° 1120'-36° 1130'-61° 1140'-40°	"	Diorite - fine grained, equigranular, fresh feldspars, slightly altered mafics, pyritized. Mineralization restricted to pyrite. "
1143	0	1185	0	42	0	40	0	95	7"				6		8	0.03	"	144-154 (11)	1150'-54° 1160'-43° 1170'-46° 1180'-54°	"	Diorite - as above, highly fractured & sheared to 1152'. Altered along fractures, minor epidote alteration, some disseminated pyrite. "
1185	0	1245	0	60	0	60	0	100	9"				5		+10	0.02	"	155-177 (23)	1190'-38° 1200'-63° 1210'-56° 1220'-60° 1230'-55° 1240'-38° 1250'-48°	"	Diorite - pyritized, mafics slightly chloritized, well fractured. "

BR-1

EXHIBIT H

2a

DDH NO. BR-1

STATE Arizona MINING DISTRICT Lone Star
COUNTY Graham PROJECT Safford

COORDINATES 24,569.7 N 19,186.1 E
COLLAR ELEVATION 4604.9'
INCLINATION -90° BEARING Vert.

DATE STARTED 9-7-62 DRILLING CO.
DATE COMPLETED 10-16-62 Safford Drilling Company
FINAL DEPTH 1548'

FOOTAGE	L1	L2	% REC. BY FT.	LBS. REC.	% REC. BY WT.	TOT. CU.	OX CU	MO S2	ASSAY Fe	ASSAY S	CORE SIZE	SAMP. NO.	SAMP. NO.	LBS. REC.	% REC. BY WT.	SPLIT	TOT. CU.	OX CU	MO S2	COMBINED ASSAY PERCENT 0.1 0.5 1.0	TOT. CU
1241 0 1263 0	22 0	21 0	95.5			0.04			4 86	0 32	K-	11026									
1263 0 1285 0	22 0	21 0	95.5			0.03						11027									
1285 0 1311 5	26 5	26 5	100			0.04						11028									
1311 5 1329 0	17 5	16 0	91			0.03						11031									
1329 0 1351 0	22 0	22 0	100			0.03						11032									
1351 0 1363 0	12 0	12 0	100			0.05						11034									
1363 0 1379 0	16 0	16 0	100			0.03			4 56	0 39		11035									
1379 0 1401 5	22 5	22 5	100			0.03						11036									
1401 5 1423 0	21 5	21 5	100			0.05						11043									
1423 0 1446 0	23 0	18 0	78			0.05						11044									
1446 0 1469 0	23 0	15 5	67.4			0.11						11045									
1469 0 1485 0	16 0	16 0	100			0.02						11046									
1485 0 1498 0	13 0	13 0	100			0.03						11062									
1498 0 1513 0	15 0	14 5	96.6			0.05						11063									
1513 0 1526 0	13 0	10 0	74.5			0.05			3 53	0 51		11076									
1526 0 1548 0	22 0	5 0	41.6			0.04						11077									

Equiv. to 0.77% pyrite.

AR-032718

DDH NO. BR-1

STATE Arizona MINING DISTRICT Lone Star COORDINATES 24,569.7 N 19,186.1 E DATE STARTED 9-7-62 DRILLING CO
COUNTY Graham PROJECT Safford COLLAR ELEVATION 4604.9' DATE COMPLETED 10-16-62 Safford Drilling
INCLINATION -90° BEARING Vert. FINAL DEPTH 1548' Company

~~Started 6-3-58. Drilled to 717.7'~~
Completed 7-21-58 by Boyle's Bros.

FOOTAGE				L1		L2		% Core Recov.	Max. Length	FRACTURES / FOOT 0-30	30-60	60-90		No. of Pieces FOOT	Ft. of 'Gravel' FOOT	BIT SIZE	NO. OF PULL	Int. Angle	CAVING POSSIBILITIES	GEOLOGY	
1245	0	1316	0	71	0	70	0	98.5	11"				4	8	0.05	6XWL L.Y.	173-197 (20)	1260'-49° 1270'-55° 1280'-46° 1290'-63° 1300'-37° 1310'-44° 1320'-47°	Mod. Weak (3)	Diorite - fine grained, contains short lengths of fine grained andesite. Low degree of alteration, minor amounts of epidote, pyritized.	LA
1316	0	1351	0	35	0	35	0	100	12"				5	8	0.01	"	198-203 (6)	1330'-41° 1340'-38° 1350'-50°	"	Diorite - as above, fresh & unaltered, well fractured, pyrite along fractures. No iron staining evident.	"
1351	0	1401	0	50	0	50	0	100	10"				6	9	0.02	"	204-212 (9)	1360'-47° 1370'-49° 1380'-51° 1390'-46° 1400'-44°	"	Diorite - as above, epidotized from 1891'. Minor pyrite along fractures.	"
1401	0	1485	0	84	0	71	0	84.5	10"				7	9	0.02	"	213-236 (24)	1410'-47° 1420'-45° 1430'-44° 1440'-49° 1450'-40° 1460'-51° 1470'-55° 1480'-67°	"	Diorite - as above, slightly porphyritic, epidotized, poorly developed fractures, pyritized.	"
1485	0	1513	0	28	0	27	5	98.2	14"				4	6		"	237-239 (3)	1490'-46° 1500'-45° 1510'-25°	"	Diorite - slightly porphyritic, mafics slightly chloritized, pyrite along fractures, minor epidote.	"
1513	0	1548	0	35	0	15	5	44.3	13"				7	+10	0.09	"	240-252 (13)	1520'-30° 1530'-	Weak (4)	Diorite - as above, high pyrite content, possibly some chalcopyrite, minor epidote, feldspars altered, (sericitized?).	"

EXHIBIT H

DDH NO. G-56

STATE Arizona MINING DISTRICT Lone Star COORDINATES ____N ____E DATE STARTED 6/21/57 DRILLING CO.
COUNTY Graham PROJECT Safford COLLAR ELEVATION ____ DATE COMPLETED 7/2/57 McClintock
INCLINATION 70° BEARING ____ FINAL DEPTH 412.0

FOOTAGE				L1		L2		CORE: % REC BY FT	LBS. MoS2 REC.	MoS2 % REC. BY WT		TOT. CU	OX CU	MO	ASSAY AU	ASSAY Ag	ASSAY S	SG	CORE SIZE	SAMP. NO.	SLUDGE: SAMP. NO.	LBS. REC.	% REC. BY WT.	SPLIT	ASSAY TOT. CU.	ASSAY OX CU	ASSAY MO	ASSAY AU	ASSAY Ag	ASSAY S	COMBINED ASSAY: PERCENT 0.1 0.5 1.0	TOT. CU
68	0	123	5	58	5	55	0	17 1	24.7	0	005	0 02		0 003	TR	Nil	0 12			2890	2890				0 03							
123	5	168	5	70	0	3	5	19 5	7 10			0 05								2896	2896				0 03							
168	5	173	5	20	0	4	0	30 0	10.10			0 07								2897	2897				0 21							
173	5	193	5	20	0	4	3	21 5	11 14			0 02						2 25		2899	2899				0 04							
193	5	212	0	18	5	8	0	43 2	18.14			0 03						2 64		2928	2928				0 03							
212	0	232	0	20	0	8	0	40 0	16 14	0	007	0 07		0 004	TR	Nil	0 11	2 68		2930	2930				0 06		0 004	TR	Nil	0 42		
232	0	252	0	20	0	7	0	35 0	21.7			0 17								2932	2932				0 14							
252	0	272	0	20	0	8	0	40 0	20.14			0 08						1 73		2934	2934				0 15							
272	0	292	0	20	0	7	4	37 0	18.2			0 06						1 74		2936	2936				0 14							
292	0	312	0	20	0	10	0	50 0	30.2			0 07						2 67		2937	2937				0 11							
312	0	332	0	20	0	8	5	42 5	23.8	0	010	0 07		0 006	TR	Nil	0 16	2 72		2940	2940				0 09		0 001	TR	Nil	0 12		
332	0	352	0	20	0	14	0	70 0	38.4			0 11						2 60		2942	2942				0 09							
352	0	362	0	10	0	3	0	30 0	8 0			0 06						2 62		2943	2943				0 11							
362	0	382	0	20	0	10	0	50 0	25.11			0 06						2 63		2944	2944				0 07							
382	0	402	0	20	0	5	0	25 0	10.13			0 14						2 54		2947	2947				0 16							
402	0	412	0	10	0	4	0	40 0	12.0	0	005	0 09		0 003	TR	Nil	0 54	2 53		2948	2948				0 11		0 004	TR	Nil	0 22		

Assay Summary

65 0 412 0 347 0 — 0 001 (Avg)

65 0 412 0 347 0 — 006

DDH NO. G-56

STATE ARIZONA MINING DISTRICT LONE STAR
COUNTY GRAHAM PROJECT SAFFORD

COORDINATES ____ N ____ E
COLLAR ELEVATION ____
INCLINATION 90 BEARING —

DATE STARTED 6/21/57 DRILLING CO.
DATE COMPLETED 7/2/57 McClintock
FINAL DEPTH 412.0

FOOTAGE				UNALT	CHLOR.	EPIDOTE	MONTMOR.	BIOTITE	KAOL.	HY. MICA.	ORTHO.	SER.	SIL.	STAGE NO.	ROCK TYPE	SECTION	CUSFES4	CUFES2	FES2	CU2S	CUS	MOS2	OXIDE ZONE: LEACHED CAVITIES-COLOR ETC. / SULPHIDE ZONE-CHAR OF MIN. DISS. VEIN. ETC.	< INCL.	FRACTURING	GEOLOGY	LOG BY
0.0		65.0																								GRAVEL	
65.0		344.5			2-3							1	1		Andesite											Very Poor Core Recovery Rock a green to green black, mostly fine grained, andesite with chlorite and minor epidote alteration. Shearing probably present but difficult to tell due to poor core recovery. Minor hematite staining Shears at 1120, 1220, 1620, 224, 250 } approximate can't tell extent due to poor recovery 293. 392. with hematite staining, minor L.C.	
344.5		352.0			1							2	2		Andesite									Hematite stained very few L.C.			Andesite slightly porphyritic That has been sheared and hematite stained. Shear directions 45° and vertical.	
352.0		384.0			2-3							1	1		Andesite									Minor hematite staining on fract			Andesite with greenish color and chlorite development Hematite staining on fract. Few to no L.C.	
384.0		403.0			1							2	2		Andesite												Shear zone w/ limonite - hematite some quartz and minor L.C.	
403.0		410.0			2							1	1		Andesite												Like 352-384	
410.0		412.0			1							2	2		"				1					Minor diss pyrite in shear zone.			Like 384-403. plus minor disseminated pyrite. No copper minerals visible.	

EXHIBIT H

DDH NO. De Spain #1 **STATE** Arizona **COUNTY** Graham **MINING DISTRICT** Lone Star **PROJECT** Safford

COORDINATES 22,755.5 **N** 21,815.1 **E** **COLLAR ELEVATION** 4454.2 **INCLINATION** Vertical **BEARING** —

DATE STARTED 1/27/58 **DATE COMPLETED** 2/4/58 **FINAL DEPTH** 77.3 **DRILLING CO.** B. & S.

CORE

FOOTAGE (From)	FOOTAGE (To)	L1	L2	% REC BY FT.	LBS. 193.02 REC.	% REC. BY WT	TOT. CU.	OX CU	MO S2	ASSAY Au	Ag		5.6	CORE SIZE	SAMP. NO.
23.0	34.0	11.0	11.0	100.0	28.7		0.13		0.001	Nil	Nil	0.00[illegible]			4325
34.0	45.2	11.2	11.3	100.0	37.13		0.24						2.69		4551
45.2	54.7	11.5	9.4	99.0	25.04		0.21						2.84		4552
54.7	65.3	11.1	11.1	100.0	34.0		0.10						2.75		4553
65.8	77.3	11.5	11.5	100.0	33.2		0.30						2.70		4554
23.0	77.3	54.3					0.20								

SLUDGE

SAMP. NO.	LBS. REC.	% REC. BY WT.	SPLIT	ASSAY TOT. CU.	OX CU	MO S2

COMBINED ASSAY

PERCENT 0.1	0.5	1.0	TOT. CU

AR-027/5

DDH NO. De Spain #1

STATE Arizona MINING DISTRICT Lone Star
COUNTY Graham PROJECT Safford

COORDINATES 22,765.5 N 21,815.1 E
COLLAR ELEVATION 4454.2
INCLINATION vertical BEARING

DATE STARTED 1/27/58 DRILLING CO.
DATE COMPLETED 2/4/58 Douglas
FINAL DEPTH 723

FOOTAGE	UNALT.	CHLOR.	EPIDOTE	MONTMOR.	BIOTITE	KAOL.	HY. MICA.	ORTHO.	SER.	SIL.	STAGE NO.	ROCK TYPE	SECTION	CU5FES4	CUFES2	FE S2	CU2S	CUS	MOS2	OXIDE ZONE: LEACHED CAVITIES-COLOR ETC. / SULPHIDE ZONE-CHAR OF MIN. DISS. VEIN. ETC.	< INCL.	FRACTURING	GEOLOGY	LOG BY
23.0 38.7		2				1						Andesite								Slight yellow brown [illegible] on some fractures.		23-77 Moderate random many 20-50°. Top 20' broken into 1" pieces.	Badly broken up [illegible] andesite, some appears to be a flow breccia. Few pieces of diorite (?) porphyry 22-25.5	
38.7 43.0						1			2	4		Latite breccia								Moderate yellow brown limonite on fractures. Few cavities suggest pyrite.			Highly silicified light colored very fine grained rock in fragments ½-3" in size. Scattered quartz veins.	
43.0 48.9		2				1				2		Andesite								Greenish clay on one joint. Few pyrite cost.			Like 23-38 except less broken and appears more silicified.	
48.9 68.0		1							3	3		Latite Porphyry								Yellow brown limonite stain and coatings.			Light colored silicified and sericitized latite with 2-3 mm. feldspars and few tiny needles of chloritized hornblende(?)	
68.0 77.3		3							1	1		Andesite								Brown limonite stain on joints			Andesite flow breccia, green colored, coarser grained than units above. Calcite on joints.	

EXHIBIT H

DDH NO. CM-1 ~~CMC-~~

STATE Arizona MINING DISTRICT Lone Star
COUNTY Graham PROJECT Safford

COORDINATES 19,188.3 N 14,824.8 E
COLLAR ELEVATION 3796.4
INCLINATION Cut BEARING

11/5/57 - 11/12/57 0.0 - 212.0'
DATE STARTED 3/3/58 DRILLING CO.
DATE COMPLETED 3/13/58 Boyles
FINAL DEPTH 350.9'

FOOTAGE	L1	L2	CORE: % REC BY FT.	LBS REC.	% REC. BY WT	TOT. CU.	OX CU	MO S2	ASSAY		S.G.		CORE SIZE	SAMP. NO.	SLUDGE: SAMP. NO.	LBS. REC.	% REC. BY WT.	SPLIT	ASSAY: TOT. CU.	OX CU	MO S2				COMBINED ASSAY: PERCENT 0.1 0.5 1.0	TOT. CU		
342.3 350.9	8.6	9.4				0.02						2.60		5083														

AD-032718

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DDH NO. ~~GMC-22~~ CM-1

STATE Arizona MINING DISTRICT Lone Star COORDINATES 19,188.3 N 14,624.8 E DATE STARTED 3/3/58 DRILLING CO. Boyles

COUNTY Graham PROJECT Safford COLLAR ELEVATION 3796.4 DATE COMPLETED 3/13/58

INCLINATION Vert BEARING — FINAL DEPTH 350.9

8/5/57-11/12/57 0.0-242.0'

FOOTAGE		UNALT.	CHLOR.	EPIDOTE	MONTMOR.	BIOTITE	KAOL.	HY. MICA.	ORTHO.	SER.	SIL.	STAGE NO.	ROCK TYPE	SECTION	CU:FES4	CUFES2	FES2	CUS1	CUS	MOSS	OXIDE ZONE: LEACHED CAVITIES-COLOR ETC. / SULPHIDE ZONE-CHAR OF MIN. DISS. VEIN, ETC.	< INCL.	FRACTURING	GEOLOGY	LOG BY
0.0	20.												Brown tuff										Rock drilled.	
20.	212.0												Basalt, minor tuff at flow tops										Rock drilled. 35-57' Grey basalt, red alteration, magnetite, some whitish feldspars. 62-212' Grayish basalt with 1% olivine, looks tuffaceous in part. Few grains with epidote. Some brownish-white tuff last 10 feet.	
212.0	234.5												Basalt										Massive non-vesicular olivine basalt with 1' blocky oxidized section at top	top
234.5	282.0												Tuff and Tuff-conglomerate										Red tuff with 5-10% pebbles of andesite, basalt and other fine-grained rocks. Poor bedding. Pebbles 1/4-2" in size.	
282.0	320.0												Tuffaceous sandstone										Pale red bedded sandstone with appreciable pyroclastic constituents. Few fragments of porphyritic rock which appear to be intermediate volcanics.	
320.0	342.0												Tuffaceous conglom.										Red tuff with 5-10% angular fragments of quartz diorite to monzonite porphyry.	
342.0	350.9	1+				1=							Porphyritic granodiorite								Few orange brown limonite stains		Phenocrysts of plagioclase, orthoclase, some quartz, and chloritized mafic (hornblende) in a finer grained groundmass of same minerals.	

DDH NO. ~~CMC #16~~ CM-2

STATE Arizona MINING DISTRICT Lone Star
COUNTY Graham PROJECT Safford

COORDINATES 19,662.7 N 15,396.8 E
COLLAR ELEVATION 3855.2
INCLINATION Vertical BEARING

DATE STARTED 3/9/58 DRILLING CO.
DATE COMPLETED 3/10/58 Boyles
FINAL DEPTH 309.8

FOOTAGE				L1	L2	CORE: % REC. BY FT.	LBS. LBS-OZ REC.	% REC. BY WT.	TOT. CU.	~~OX CU~~	MO S2	ASSAY Au	Ag	S	S.G.	CORE SIZE	SAMP. NO.	SLUDGE: SAMP. NO.	LBS. REC.	% REC. BY WT.	SPLIT	ASSAY TOT. CU.	OX CU	MO S2	COMBINED ASSAY PERCENT 0.1 0.5 1.0	TOT. CU
31.5	43.1	11.6	11.6	100.0	30.3		0.04								2.42	NX	4683									
43.1	55.0	11.9	11.0	92.4	35.0		0.06								2.83		4684									
55.0	62.6	7.6	6.6	86.8	21.5		0.03								2.63		4687									
62.6	72.6	10.0	8.9	81.0	32.1		0.04								2.63		4689									
72.6	80.2	7.6	7.2	94.7	22.11		0.02		0.004	TR	NIL	0.12	2.57		4690										
80.2	89.0	8.8	7.6	86.4	24.10		0.04	Pb					2.50		4692										
89.0	98.3	9.3	8.4	90.3	25.7		0.03	0.46					2.54		4694										
98.3	111.4	13.1	10.7	81.7	32.8		TR								4698										
111.4	121.3	9.9	9.9	100.0	30.13		0.03						2.58		4699										
121.3	132.5	11.2	6.0	53.1	17.15		0.03			TR	TR				4729										
132.5	143.9	11.4	4.2	36.8	13.3		0.03								4731										
143.9	148.8	4.9	4.9	100.0	13.15		0.03								4733										
148.8	158.9	10.1	10.1	100.0	31.8		0.01						2.65		4734										
158.9	164.9	6.0	6.0	100.0	17.15		0.02		0.004	TR	TR	0.08	2.72		4736										
164.9	175.2	10.3	10.3	100.0	31.5		TR						2.64		4737										
175.2	187.7	12.5	11.9	95.2	37.3		TR						2.68		4739										
187.7	197.4	9.7	9.6	99.0	30.12		TR						2.67		4743										
197.4	207.1	9.7	9.6	99.0	31.7		TR						2.74		4744										
207.1	218.2	11.1	10.6	95.4	32.11		TR								4748										
218.2	226.6	8.4	8.4	100.0	26.14		NIL		0.002	TR	NIL	0.07	2.62		4750										
226.6	236.7	10.1	10.0	99.	30.6		0.03 TR						2.61		36.105 S 5101										

AR-032748

DDH NO. CM-2 (CMC #11)

STATE Arizona MINING DISTRICT Lone Star COORDINATES 12662 Z N, 1539 E SE DATE STARTED 8/21/50 DRILLING CO.
COUNTY Graham PROJECT Safford COLLAR ELEVATION 3855.2 DATE COMPLETED 9/10/50 Boyles
INCLINATION Vert. BEARING — FINAL DEPTH 502.8

FOOTAGE				UNALT	CHLOR	EPIDOTE	MONTMOR.	BIOTITE	KAOL.	HY. MICA	ORTHO.	SER.	SIL.	STAGE NO.	ROCK TYPE	SECTION	CUSFE$_4$	CUFES	FeS$_2$	CuS	Cu$_2$S	MoS$_2$	OXIDE ZONE: LEACHED CAVITIES-COLOR ETC. / SULPHIDE ZONE-CHAR OF MIN. DISS. VEIN, ETC.	V INCL.	FRACTURING	GEOLOGY	LOG BY
0	0	31	5																						Drilled with plug bit	
31.	5	43.	0		1										Qtz Diorite								Slight iron staining and quartz veining but essentially fresh unmineralized rock			Fresh rock has [illegible] Some [illegible] in veins, [illegible] Some calcite is in clots, and some is partly [illegible] Possibly some orthoclase present, also possibly a little hornblende	
43.	0	56.	0		1-2				0-2			1	1		Quartz Diorite								Zone of faulting strong brown limonite and rock is in small irregular pieces			Same type of rock but argillized and iron stained for most of unit. Contains brown limonite veins in places, also veins of brownish calcite and coatings of black Manganese oxide in some places. Some surfaces have brown limonite coating. Biotite is altered [illegible] Vertical [illegible] above.	
56.	0	95	0		1-				2-3			2	1		Quartz Latite Porphyry								Iron and manganese stained for most part, a little pyrite showing in rock sometimes		Strong vertical fracturing? 145.5'-165.5' slightly heavy caving, top part of core broken [illegible]	Light colored rock with 1-2 mm phenocrysts of plagioclase, orthoclase and a few rare quartz. Ground mass is hard and appears to contain quartz. Groundmass also seems to have clay in it from color. Suggestive of flow banding and shearing probably. Should be a latite type of rock. Flow banding about vertical. Quartz diorite 96-115' as indicated by [illegible] Irregular [illegible] in latite, but natural appearance in core.	
8.	0	95	0						3			2	1		Fault zone in Qtz diorite								Strong gouge throughout			Zone of gouge and iron stained highly altered rock, appears to be Qtz diorite but [illegible] The broken rock suggests the former presence of some disseminated sulfides. Some clay in zone.	
95.	0	121.	2		2				0-3			1			Qtz diorite								Iron coloration in joints suggest pyrite. Strong alteration in zones 1 to 2 ft			Qtz diorite core [illegible] zones of sheared and highly altered rock at 98' 10'. Most of rock is fresh to slightly altered. Calcite on some joints.	
121.	0	143.	9		1				3			2	1		Fault zone in qtz diorite								Strong calcite in gouge material, [illegible] to a limonite veins			Highly broken to gouge material, [illegible] qtz diorite with [illegible] relatively fresh quartz diorite.	
143.	9	207.	1		1-2										Quartz diorite								Slight iron stain on a few vertical fractures			Slightly altered quartz diorite with a few short gouge zones at 172'. Yellow brown iron stain on some joints. Increased chlorite near some fractures.	
207.	1	210.	0						3						Quartz latite? Fault zone								Light iron stain			Gouge material with pink and brown color	
210.	25	251.	6		1				0-1			1			Quartz Diorite								Slight iron stain [illegible] Fair core [illegible]			Same as 145-207 except slightly more iron stain and clay-type alteration	

EXHIBIT H

CM-2

DDH NO. ~~CMC~~ #16

STATE Arizona MINING DISTRICT Lone Star
COUNTY Graham PROJECT Greenback Safford

COORDINATES 13,602.2 N 15,392.8 E
COLLAR ELEVATION 3855.2
INCLINATION Vert. BEARING

DATE STARTED 3/9/58 DRILLING CO. Boyles
DATE COMPLETED 3/10/58
FINAL DEPTH 309.8

FOOTAGE				L1		L2		CORE: % REC. BY FT.		LBS. LBS-OZ REC.		% REC. BY WT.		TOT. CU.	OX CU	MO S2	ASSAY Au	Ag	S	S.G	CORE SIZE	SAMP. NO.	SLUDGE: SAMP. NO.	LBS. REC.	% REC. BY WT.	SPLIT	ASSAY TOT. CU.	OX CU	MO S2	COMBINED ASSAY PERCENT 0.1 0.5 1.0	TOT. CU
236	7	247	0	10	3	10	3	100	0	33	2			TR						2	64	5103									
247	0	260	8	13	8	13	1	94	9	40	11			0.02						2	63	5107									
262	8	271	7	10	9	9	9	90	8	27	12			0.08						2	47	5109									
271	7	280	8	[illegible]	[illegible]	8	7	95	6	24	2			0.02								5113									
280	8	289	2	8	4	8	2	97	6	24	3			TR		0.002	TR	NIL	0.05			5115									
289	2	298	3	9	1	8	9	97	8	27	8			0.02						2	66	5117									
298	3	309	8	11	5	9	6	92	6	34	3			0.03			TR	TR		2	61	5119									

AR-032718

DDH NO. CM-2 EMC #16

STATE Arizona
COUNTY Graham
MINING DISTRICT Lone Star
PROJECT Safford
COORDINATES 19,662.7 N 15,396.8 E
COLLAR ELEVATION 3855.2
INCLINATION Vert
BEARING
DATE STARTED 3/4/58
DATE COMPLETED 3/10/58
FINAL DEPTH 309.8
DRILLING CO. Boyles

FOOTAGE	UNALT.	CHLOR.	EPIDOTE	MONTMOR.	BIOTITE	KAOL.	HY. MICA	ORTHO.	SER.	SIL.	STAGE NO.	ROCK TYPE	SECTION	CUSFES4	CUFES2	FES2	CUS2	CUS	MOS2	OXIDE ZONE: LEACHED CAVITIES-COLOR ETC. / SULPHIDE ZONE-CHAR OF MIN. DISS. VEIN. ETC.	INCL.	FRACTURING	GEOLOGY	LOG BY
259.0 276.0		1				2-3			2	1		Quartz diorite								Sparse brown limonite veins and stains on fractures. Few red emulite grains on fractures with sparse rape suggesting pyrite.		[illegible] 309 [illegible] [illegible] [illegible] [illegible] 259 [illegible]	Light colored argillized quartz diorite with some brown limonite stain and small veins. Also veins of calcite. Some core moderately to badly broken.	
276.0 309.8		1				0-1						Quartz diorite								Same as 210-259			Same as 210-259	

EXHIBIT H

DDH NO. G-7

STATE Arizona MINING DISTRICT Lone Star COORDINATES 23,224.9 N 23,433.3 E DATE STARTED 8/16/56 DRILLING CO.
COUNTY Graham PROJECT Safford COLLAR ELEVATION 4600± DATE COMPLETED 3/21/57 McClintock
INCLINATION 90° BEARING - FINAL DEPTH 1535.3

CORE

FOOTAGE				% REC. BY FT.	LBS. REC.	LBS. BY WT.	% REC. BY WT.	TOT. CU.	OX CU	MO (Mo S2)	ASSAY Au	Ag	Fe	S	CORE SIZE
0	7	7	12	170	6	4	0	0.007	0.04	+	0.004	Tr	NIL		0.32	BX
7	11	4	14	35	5	3	0	0.008	0.04		0.005	Tr	"		0.36	
11	18	7	25	36	11	12	0	0.007	0.03		0.004	NIL	Tr		0.40	
18	20	2	10	26	4	5	0	0.007	0.03		0.004	Tr	"		0.53	
20	23.6	3.6	8.6	100	21	3	0	0.010	0.03		0.006	"	NIL		0.60	
23.6	26.8	3.2	2.1	66	18	3	0	0.007	0.04		0.004	"	"		0.55	
26.8	28.6	1.8	1.2	28	4		0	0.010	0.03		0.004	NIL	"		0.37	
28.6	33.0	4.4	3.5	70	17	5	0	0.008	0.03		0.005	NIL	"		0.44	
33	38	5	3.5	70	13	3	0	0.008	0.03		0.005	"	"		0.34	
38	43	5	3.5	70	16	3	0	0.007	0.04		0.004	"	"		0.38	
43	46	3	1.8	60	9	12	0	0.007	0.04		0.004	"	"		0.40	
46	56	10	6.3	70	17	12	0	0.007	0.04		0.004	"	"		0.41	
56	61	5	5	100	17	9	0	0.005	0.03		0.003	"	"		0.48	
61	70	9	6.7	74	21	11	0	0.007	0.04		0.004	"	"		0.41	
70	75	5	4.7	94	16	7	0	0.003	0.05		0.002	"	"		0.47	
75	86	11	7.4	67	24	4	0	0.008	0.03		0.005	"	"		0.33	
86	91	5	5	100	17	8	0	0.008	0.04		0.005	Tr	Tr		0.41	
91	101	10	5.5	55	17	6	0	0.007	0.04		0.004	"	"		0.49	
101	106	5	4.2	84	14	4	0	0.005	0.05		0.003	NIL	NIL	4.00		
106	116	10	8.4	84	28	3	0	0.008	0.04		0.003	"	"	4.20		
116	121	6	5.0	100	18	1	0	0.007	0.05		0.004	"	"	4.10		
121	127	6	3.3	55	10	7	0	0.005	0.02		0.005	Tr	0.20	4.00		
127	129	2	1.8	90	6	7	0	0.005	0.04		0.003	NIL	NIL	3.70		
129	137	8	5.8	72	20	7	0	0.005	0.03		0.003	Tr	Tr	4.60		
137	142	5	4.0	80	12	15	0	0.007	0.02		0.004	"	"	3.60		
142	149	7	7.0	100	14	8	0	0.005	0.02		0.003	"	"	4.40		
149	155	6	4.9	82	6	3	0	0.003	0.06		0.002	"	NIL	2.80		
155	162	7	5.8	83	17	3	0	0.003	0.05		0.002	"	"	3.90		
162	169	7	6.0	86	21	3	0	0.005	0.06		0.003	"	"	3.40		
169	176	7	6.8	97	24	15	0	0.007	0.05		0.004	"	"	4.30		
176	179	3	2.8	85	4	7	0	0.010	0.06		0.006	"	"	3.70		
179	187	8	5.7	71	19	15	0	0.005	0.07	+	0.003	"	0.03	3.90		
187	195	8	2.8	35	9	11	0	0.017	0.03		0.010	"	Tr	3.60		
195	201	6	4.5	75	15	4	0	0.007	0.08		0.004	"	NIL	4.3		
201	207	6	2.8	47	9	10	Tr	0.06			Tr	"	"	3.2		
207	212	5	5.0	100	18	15	Tr	0.05			"	"	Tr	3.6		
212	217	5	5.0	100	18	08	Tr	0.07			"	"	NIL	3.7		
217	222	5	5.0	100	19	8	NIL	0.07			NIL	"	"	3.4		
222	230	8	8.0	100	29	13	Tr	0.07			Tr	"	"	3.6		
230	236	6	5.2	87	19	2	Tr	0.07			"	"	Tr	3.5		
236	242	6	5.6	93	19	7		0.07			"	"	NIL	3.6		
242	247	5	2.9	58	9	11	0	0.015	0.08		0.003	"	"	3.8		
247	254	7	5.2	74	17	13	Tr	0.07			Tr	"	Tr	3.1		
254	256	2	1.4	70	4	8	0	0.007	0.04		0.004	"	"	4.4		
256	262	6	2.0	33	10	3	0	0.010	0.10	Tr	0.006	"	NIL	3.4		
262	267	5	3.1	62	11	8	0	0.007	0.08	+	0.004	"	"	3.9		
267	275	6	2.3	38	6	15	0	0.010	0.04		0.006	"	"	3.5		
273	276	3	2.2	73	6	5	0	0.010	0.03		0.006	Tr	NIL	3.0		
276	281	5	2.7	54	8	7	0	0.010	0.05		0.006	"	"	3.7		
281	286	5	4.6	92	16	0	0	0.007	0.07		0.004	"	"		0.48	
286	291	5	3.2	45	6	8	0	0.015	0.04		0.003	"	"		0.24	
291	293	2	1.0	100	7	6	0	0.013	0.07		0.008	"	Tr	4.2		

Core 0.83 lost

SLUDGE

SAMP. NO.	SAMP. NO.	LBS. REC.	% REC. BY WT.	SPLIT	ASSAY TOT. CU.	OX CU	MO	Au	Ag	Fe	S
61A											
61B											
61C											
61D											
61E											
61-F											
61-G											
61-H											
61-I											
61-J											
61-K											
62	62	21.9		8	0.04	—	0.004	NIL	NIL	6.75	
63	63	18.8			0.03		Tr	"	"	3.95	
64	64	18.1			0.03		Tr	"	0.20	4.75	
65	65	21.1			0.04		0.003	Tr	Tr	4.30	
66	66	16.2			0.04		0.003	Tr	0.20	4.30	
67	67	14.7			0.03		Tr	"	Tr	4.05	
68	68	18.3			0.04		0.003	"	0.30	4.10	
69	69	21.8			0.05		Tr	NIL	0.20	4.15	
70	70	27.6			0.02		0.004	NIL	NIL	5.0	
71	71	27.1			0.02		0.003	"	"	5.0	
72	72	9.13			0.04		Tr	NIL	Tr	3.75	
73	73	14.1			0.02		0.004	"	NIL	4.8	
74	74	18.9			0.03		0.004	"	"	4.7	
75	75	10.1			0.03		0.003	Tr	1.4	4.8	
76	76	11.9			0.03		0.003	"	"	4.7	
77	77	6.9			0.02		0.002	NIL	NIL	4.6	
78	78	14.3			0.02		0.003	Tr	0.10	4.5	
79	79	10.9			0.02		0.004	"	2.40	4.4	
80	80	2.4			0.03		0.003	"	0.00	4.5	
81	81	3.7			0.02		0.002	"	Tr	3.3	
82	82	9.2			0.02		0.002	"	"	4.3	
83	83	14.5			0.04		0.002	NIL	NIL	4.5	
84	84				0.04		0.004	Tr	"		0.52
85	85				0.03		0.004	"	"		0.78
86	86				0.02		Tr	"	"		0.52
87	87				0.03		0.004	"	Tr		0.54
88	88				0.03		0.005	"	"		0.44
89	89				0.04		0.006	"	NIL		0.51
90	90				0.04		Tr	"	Tr		0.51
91	91				0.02		0.004	"	NIL		0.44
92	92				0.03		Tr	"	"		0.41
93	93				0.04		0.005	"	"		0.54
94	94				0.04		0.005	"	"		0.43
95	95				0.04		0.004	"	"		0.43
96	96				0.03		0.004	"	"		0.41
97	97				0.05		0.004	"	"		0.44
98	98	13.5			0.06		0.004	"	Tr		0.47
99	99	12.6			0.04		0.005	"	NIL		0.33
100	100	23.0			0.06		0.004	"	"		0.47
201	201	13.3			0.06		0.005	"	"		0.40
202	202	11.2			0.05		0.004	"	"		0.56

COMBINED ASSAY

PERCENT 0.1 0.5 1.0	TOT. CU

Hi-Grade

DDH NO. G-7 (Plate)

STATE ARIZONA MINING DISTRICT LONE STAR COORDINATES [illegible] N [illegible] E DATE STARTED 8/16/56 DRILLING CO.
COUNTY GRAHAM PROJECT GILA COLLAR ELEVATION 4643 ± 5000 DATE COMPLETED 1/31/57 McCLINTOCK
INCLINATION 90° BEARING — FINAL DEPTH 1573.3

FOOTAGE		UNALT	CHLOR.	EPIDOTE	MONTMOR.	BIOTITE	KAOL.	HY. MICA.	ORTHOC.	SER.	SIL.	STAGE NO.	ROCK TYPE	SECTION	CU3FES4	CUFES2	FES2	CU2S	CUS	MOS2	OXIDE ZONE: LEACHED CAVITIES-COLOR ETC. / SULPHIDE ZONE-CHAR OF MIN. DISS. VEIN, ETC.	V INCL.	FRACTURING	GEOLOGY	LOG BY
0	26.8												(ALBITIZED PORPHYRY DIKE)									35°	Bedding - less Fracturing	predom. Coarse gr'd gtz-arkosic sediment - upto 5-10% gtz fragments - rest gtz porphyry - clasts predom. subang but upto 2" fragments subrd blbs & veins of red hematite - many red stn'd as fragments - Many of leached cavities - Sporadic abnt thin blebs & inclusions. Few iron oxide stgrs along bedding - some 6" to 12" fine grained hmtt alteration with upto 10% coarse hmt blebs. Qtz-Ep fault? in core shattering - 90-30° along which many red clay on fractures. Predom. lt pk red brec gr'd ss - fault @ 32-34.6 - increase brecciation - blebs & seams of hematite abnt - remainder as above in terms.
	46																								
	60						✓														30-40 bedding fault fracturing		same as above - fair recementation of fragments 46-52 & arkose as above.	
	62																								
	63.5																								
	65																								
	66																								
	70																				Low stgrs hematite			predom. gtz-porphyry with arkosic fragments	
	91																							Arkosic sediment - labdd blbs hematite - hmtt, pyrite	
	92.2																							some 1/4" stgrs iron oxide & clasts fgmts sulfides	
	151																							some	
	174.5																							more abdt hematite blbs & cavities - no bedding - good gtz eyes abdt	
	195																							Arkosic sediment - grandmass - dark green/grey/grey - some abdt blbs & disem hematite - dips 35° roughly - no bedding no sorting by broad line.	
	201																							same as above	
201	207																							same as above, poor remarks as brecc & diss	
207	212																						Some shearing	fault to 1/2" w/ some gtz eyes. Rx show weak shattering 30° to core, hem present as discoloration on Rx & as blebs 1 1/2", slight increase of gtz eyes.	
212	217																							Rx slightly cs-grnd, traces of gtz eyes, increase of hematite coloring same 1/4 vein at 214-16 w limonite along break	
217	220																				Grey-Green Matrix Some U) leached cav. on frac, Surface Return red mottling - weak iron stringers 1/2 long Dip vein @ 220'			Gradual increase in grey-green color of matrix, & fine tabasing fgmts to 1/2", bounded to sub-ang gtz (1/3)	
220	- 240																					30°	weak frac - w/ L.C.	Arkosic (?) Sedy. - matrix color, hem stn, occasional ppy(?) fgmts to 1/2", bm as blbs & as disc specks. Rx may be H2O bnd differences in color.	
240	242																							Siliceous fine-grn ss to sandy arkose - gtz eyes & clasts more pronounced - prominent 1/16 bm blbs	
242	262						✓																	Same as above w/ increase in fgmt size, 247-251 to 1/2" w/ increase in gtz eyes to fgmts, bm present as disc & as thin fault fillings	
262	267																						Ditto	Few fmgs gtz ppy, rounded gtz eyes -	
267	- 283																				minor bm-filled frac			As Above	
283	284																							gtz ppy predominates, probably fragment	
284	- 292																				Ditto		some shearing	badly fdd & sheared w/ cm's of mm fmgs	
292	297																							Arkosic sed (?), fmgs to 1/2" some gtz ppy - rounded gtz eyes, bm stained clays on fractures	

DDH NO. G-7

STATE Arizona MINING DISTRICT Lone Star COORDINATES 23,274 N 23,433 E DATE STARTED 8/16/56 DRILLING CO.
COUNTY Graham PROJECT Safford COLLAR ELEVATION 4600 DATE COMPLETED 9/21/57 McClintock
INCLINATION -90° BEARING - FINAL DEPTH 1533.3

CORE: FOOTAGE		L1	L2	% REC BY FT.	LBS. REC.	Mo Se % REC. BY WT.	TOT. CU	OX CU	MO	ASSAY Au	Ag	Fe	S	SLUDGE: SAMP. NO.	SAMP. NO.	LBS. REC.	BY WT.	SPLIT	ASSAY TOT. CU	OX CU	MO	Au	Ag	Fe	S	COMBINED ASSAY TOT. CU
293	297	4.0	3.5	46.0	1 10	0 003	0.06		0.008	Tr	Nil	2.6		NK 203	203		18.10		0.05		0.004	Tr	Nil		0.48	
297	304	7.0	4.2	56.0	14 11	C 002	0.06		0.005	"	"	3.3		204	204		28.75		0.04		0.003	"	"		0.56	
304.0	307.7	3.7	3.0	81.0	12 15	C 001	0.06		0.004	"	"	2.8		205	205		13.2		0.04		0.004	Tr	Nil		0.58	
307.7	312.8	5.1	1.6	31	4 11	C 000	0.06		0.006	"	"	3.6		206	206		42.8		0.03		0.005	"	"		0.43	
312.8	316.7	3.9	3.7	95	13 4	C 002	0.04		0.005	"	Tr	4.2		207	207		11.2		0.04		0.003	"	Tr		0.51	
316.7	318.0	2.3	0.9	39	3 5	C 002	0.05		0.013	"	Nil	1.9		208	208		3.2		0.04		0.003	"	"		0.62	
318.0	311.5	1.5	0.4	27	10	C 010	0.04		0.006	"	"		0.74	8% 207	204		11.5		0.04		0.003	Tr	0.17		0.58	
317.5	323.8	4.3	2.6	60	3 4	C 010	0.04		0.006	"	Tr		0.65		210	210		18.7		0.03		0.004	"	Tr		0.76	
323.8	327.0	3.2	2.7	84	5 7	C 002	0.05		0.005	"	"		0.58		211											
327.0	330.0	3.0	2.8	93	3 6	C 000	0.07		0.005	"	"		0.38		212	212		1.9		0.03		0.005	Tr	Tr		0.52	
330.0	335.5	5.5	2.3	42	2 6	C 002	0.13	0.01	0.005	"	"		0.54		213	213		3.2		0.03		0.004	"	0.2		0.74	
335.5	346.0	10.5	8.3	31	6 7	C 002	0.05		0.005	"	"		0.55		214	214		32.3		0.03		0.004	"	Tr		0.38	
346.0	350.0	4.0	2.7	67	4 12	C 000	0.05		0.003	"	"		0.37		215	216		3.5		0.04		0.005	"	None	5.3		
350.0	352.5	2.5	1.9	76	3 9	C 003	0.05		0.002	"	"		0.56		216											
352.5	354.6	1.9	0.8	42	1 4		0.03					2.7			217											
354.6	364.8	10.6	7.9	75	20 4		0.04					4.0			218											
364.8	369.8	5.0	0.6	12	1 9		0.04					2.7			217 219		19.2		0.06					4.9		
369.8	380.0	10.2	9.8	96	32 1	C 012	0.06		0.007	Tr	None	4.6			220											
380.0	386.0	6.0	5.7	95	12 9		0.05					4.6			221 221		16.3		0.08					3.8		
386.0	391.1	5.1	4.1	80	8 11		0.05					3.8			222 222		14.9		0.08					3.7		
391.1	401.1	10.0	9.9	90	20 11		0.07					3.4			223 223		18.5		0.07					3.5		
401.1	410.3	9.2	8.5	92	18 5		0.06					4.3			224 224		28.3		0.08					4.1		
410.3	416.7	6.4	3.9	61	8 2	0 013	0.08		0.008	Tr	Tr	3.6			225 225				0.04		0.004	Tr	None	3.4		
416.7	428.0	11.5	9.8	85	21 15		0.06					4.3			226 226		24.2		0.10	Tr				3.8		
428.0	434.7	6.7	4.1	61	8 11		0.05					3.6			227 227		21.5		0.08					6.9		
434.7	445.1	10.5	9.7	92	21 11		0.04					3.9			223 228		26.7		0.10	Tr				5.5		
445.1	449.6	4.5	4.3	96	10 3		0.04					3.9			229 229		16.5		0.11	0.01					0.88	
449.6	461.0	11.6	8.5	73	16 15	0 001	0.09		0.004	Tr	None	5.2			230 230	26.1			0.07		0.003	Tr	Tr	4.7		
461.0	469.6	8.6	3.9	45	8 7		0.10	0.01				4.2			231 231		26.5		0.18	Tr				5.7		
461.6	474.2	4.8	3.9	81	9 6		0.11	0.01				3.4			232 232	15.5			0.07					4.5		
474.2	484.0	9.8	9.8	100	22 6		0.10	0.01				4.9			233 233	17.1			0.08					5.2		

Core 0.05 300.6

Y to 449.6

DDH NO. G-7

STATE ARIZONA MINING DISTRICT LONE STAR COORDINATES 23,274? N 23,437? E DATE STARTED 8/16/52 DRILLING CO.
COUNTY GRAHAM PROJECT SAFFORD COLLAR ELEVATION 4645 4600 DATE COMPLETED 9/3/52 MICHLINTOCK
INCLINATION 90° BEARING — FINAL DEPTH 1533.3

FOOTAGE		UNALT	CHLOR.	EPIDOTE	MONTMOR.	BIOTITE	KAOL.	HY. MICA.	ORTHO.	SER.	SIL.	STAGE NO.	ROCK TYPE	SECTION	CuS/FeS4	CuFeS2	FeS2	CuS2	CuS	MoS2	OXIDE ZONE: LEACHED CAVITIES-COLOR ETC. / SULPHIDE ZONE-CHAR OF MIN. DISS. VEIN, ETC.	< INCL.	FRACTURING	GEOLOGY	LOG BY
297.0	306.0	?					1						Rhyolite (?) Tuff								Hem stained Kaol as disc - sparse L.C. on frac & in narrow veins ½"	10°	Weak minor shearing in part	Red to brown limonite stained, aphanic rock (?) frags to ½" in Kaol of limonite + hem stained matrix — qtz eyes rounded to sub-angular — some local silicification & round hem blebs at 0305'
306.0	318.0						2						"								Soft color stronger at 312-318' possible sulfide at 314' in centre of hem blebs		Weak minor shearing to 312 — minimum to 318	Same as above w/ 1' area of qtz, pyrite at 312' — 312-318, decrease of hem stain — increase of frags to 1" rock is gray to red gray tinge — frags at 318' are fair-good calcedonic material + discharged Kt's
318.0	319.5												"											CS-GRND LITHOSE(?) w/ frags to ¾" - hem stained FN-GRND SANDY, HEM-STAINED AGNOSE(?) SOME L.C. & HEM BLEBS
319.5	327.0												"											
327.0	335.0												"								Hem as blebs & thin stain		L.C. at 328 on frac 30-40°	COLOR OF AGNOSE CHANGE TO LITE GRAY w/ RED TINGE DUE TO LOSS OF LIMN. - frags are chalcedonic w/ qty to ½" - frac at 328' are hem stained 30-40° frac w/ L.C.
335.0	352.7												"											BACK TO CRN-GRND BRECC w/ hem stain - some areas of earthy material Strong alteration at 350 for 35' areas frags to 2" — brown rounded qtz eyes RD AS ABOVE - qtz eyes & frags to ⅜", hem as blebs to ½" & thin stain, some L.C., frac are usually at 10° to vert a few hem & hem coated.
352.7	369.8						1						"								As above L.C. usually much stronger on frac.	10°	FRAC at 356'	Real 364.0' is qtz & py but probably fragment. - Matrix is light gray, still fragmental with red stained frags - very few frags larger than ⅛" - Many faces to red stained material - Matrix is light gray as 362.0 - 371.0 - frags to ½" are usually leached Kt, frac coated with lite yellow stain, probably some Fe as sulfide(?)
369.8	371.0												"											
371.0	376.0												"											
375.0	380.0												"											
380	386						1						"								good L.C. on frac.	30-40	weak to moderate absent frac	- RHYOLITE TO RED-STAINED MATRIX - L.C. / PLUVIUS along some frac. - Red Matrix - some sandy, fn-grnd members more SILT(?) - some hem blebs to ½"
386.0	388.0												"											AS ABOVE - HEM STAIN, NOT intense, frags not well defined or rounded - no sulfide(?) qtz eyes
388.0	410.0												"											- Red Matrix softer, hem as blebs & thin coating L.C. weak, fracturing many weak, matrix red & fn grnd, some 30° frac w/ L.C. at 426' - White red matrix, fe stain only along frac at 30°
410.0	412.0												"											
412.0	417.9												Rhyolite Tuff								Frac contain Hem & hem		DITTO	
417.0	445.0												Rhyolite (?)											- Subcore tan gry-green matrix w/ dissem(?) frags - As 419.9-445.0 - red appears to be more intensely stained & frac. - gry green matrix - " " " w/ mottled hem areas frac to ½"
445.0	446.0												"											
446.0	463.0												"											
463.0	464.6												"											
464.6	474.0												"											
474.0	475.0												"											
475.0	483.0												"											

EXHIBIT H

DDH NO. G-7

STATE Arizona MINING DISTRICT Lone Star COORDINATES 23,677 E 24,933 E DATE STARTED 3/6/57 DRILLING CO.
COUNTY Graham PROJECT Safford INCLINATION -70° BEARING - FINAL DEPTH 1533.7 DATE COMPLETED 3/31/57 Wilson

FOOTAGE		L1	L2	CORE % REC BY FT.	CORE LBS. #REC.	CORE LBS. OZ	CORE % REC BY WT.	CORE SIZE	CORE ASSAY TOT. CU.	CORE ASSAY OX CU	CORE ASSAY MO	CORE ASSAY Au	CORE ASSAY Ag	CORE ASSAY Fe	SLUDGE SAMP. NO.	SLUDGE SAMP. NO.	SLUDGE LBS. REC.	SLUDGE % REC. BY WT.	SLUDGE SPLIT	SLUDGE ASSAY TOT. CU.	SLUDGE ASSAY OX CU	SLUDGE ASSAY MO	SLUDGE ASSAY Au	SLUDGE ASSAY Ag	SLUDGE ASSAY Fe	COMBINED ASSAY TOT. CU.	COMBINED ASSAY Fe
484	493.8	9.8	9.8	100.0	21	10			0.10	TR				2.9	234	234	17.1			0.40	0.01					3.3
493.8	504.0	10.2	9.8	96.0	18	3	0	007	0.13	0.01	0.004	TR	TR	5.1	235	235	21.2			0.13	TR	0.005	TR	None		5.0
504.0	513.8	9.8	9.8	100.0	21	12			0.12	0.01				3.2	236	236	16.3			0.12	TR					3.5
513.8	515.8	2.0	1.1	55.0	2	4			0.09					4.1	237	237	22.8			0.14	0.01					4.0
515.8	526.0	10.2	9.9	97.0	21	14			0.06					3.7	238	238	29.3			0.09						4.0
526.0	536.0	10.0	9.7	97.0	21	1			0.19	TR				4.3	239	239	15.6			0.09						3.7
536.0	546.0	10.0	10.0	100.0	22	2	0	007	0.16	0.01	0.010	TR	None	3.4	240	No Sludge										
546.0	556.0	10.0	9.7	97.0	22	1			0.18	0.01				3.3	241	241	18.7			0.08						3.4
556.0	566.0	10.0	10.0	100.0	22	2			0.10	TR				3.9	242	242	13.9			0.11	TR					3.9
566.0	570.2	4.2	3.0	71.4	5	15			0.10	TR				3.6	243	243	5.2			0.11	0.01					4.5
570.2	575.2	5.0	4.1	82.0	6	9			0.07					3.3	244	244	6.3			0.10	0.01					3.7
575.2	578.8	4.6	3.3	71.7	3	8			0.12	0.04		None	None	5.2	245	245	7.1			0.14	0.01			5.6	7.4	
578.8	586.6	6.8	3.9	57.3	7	0			0.12	0.04				5.7	246	246	7.1			0.13	0.05					5.1
586.6	587.0	0.4	0.2	50.0	1	2			0.05					2.5	247	247	8.5			0.08						2.9
587.0	597.0	10.0	10.0	100.0	21	4			0.09					3.2	248	248	14.4			0.10	0.02					3.8
597.0	600.3	3.3	1.9	57.5	3	12			0.11	0.01				5.8	249	249	5.1			0.08						4.2
600.3	606.9	6.6	4.4	66.6	8	12	0	005	0.12	0.02	0.003	None	None	3.5	250	250	9.6			0.07			None	None	3.7	
606.9	611.9	5.0	3.2	64.0	4	9									No core	350										
611.9	616.0	4.1	3.2	128.8	10	2			0.06					2.7	351	351	6.2			0.08						3.6
616.0	627.0	11.0	10.0	90.9	22	4			0.09					2.9	352	352	23.2			0.07						3.7
627.0	637.0	10.0	9.8	98.0	21	11			0.07					2.6	353	353	14.5			0.06						3.7
637.0	647.0	10.0	10.0	100.0	21	13			0.06					3.3	354	354	14.8			0.09						4.2
647.0	657.0	10.0	8.9	89.0	16	11	0	007	0.07		0.004	TR	None	4.1	355	355	15.3			0.07		0.003	TR	None	3.9	
657.0	669.8	12.8	6.2	48.4	12	3			0.06					3.0	356	356	12.6			0.07						3.1
669.8	680.0	10.2	10.0	98.0	22	9			0.06					2.9	357	357	2.5			0.06						4.0
680.0	689.8	9.8	9.6	97.9	28	13			0.06					3.2	358	358	9.8			0.06						3.6
689.8	700.1	10.3	9.2	89.3	20	14			0.05					3.4	359	359	10.4			0.09						3.6
700.1	710.1	10.0	9.7	97.0	11	13	0	007	0.03		0.004	TR	None	3.5	360	360				0.09		0.005	TR	None	3.9	
710.1	720.1	10.0	9.8	98.0	22	3			0.03					3.3	361	361	16.8			0.03						3.4
720.1	730.1	10.0	10.0	100.0	22	2			0.02					3.9	362	362	17.2			0.03						3.3
730.1	740.0	9.9	5.1	51.5	9	9			0.02					6.9	363	363	23.1			0.07						5.6
740.0	749.7	9.7	4.8	47.4	10	12			0.03					5.4	364	364	12.7			0.06						4.3
749.7	759.9	10.2	10.2	100.0	22	8	0	007	0.04		0.004	TR	None	3.3	365	365	11.4			0.03		0.005	TR	None	4.4	
759.9	765.9	6.0	5.2	86.6	11	3			0.05					3.3	366	366	11.9			0.03						3.8
765.9	767.7	1.8	0.5	27.7	0	14			0.04					2.4	367	367	1.7			0.05						3.7
767.7	776.8	9.1	8.0	87.9	15	2			0.36	0.02				2.2	368	368	19.2			0.18	0.04					5.4
776.8	786.8	10.0	6.0	60.0	14	7			0.05					4.2	369	369	13.3			0.15	0.02					3.2
786.8	796.8	10.0	9.0	90.0	19	4	0	013	0.09		0.008	TR	None	3.9	370	370	23.4			0.11	0.02					4.4
796.8	804.8	8.0	5.2	65.0	10	15			0.05					2.6	371	371	19.2			0.07						3.5
804.8	814.8	10.0	8.0	80.0	16	0			0.05					3.0	372	372	22.5			0.08						3.7
814.8	824.6	9.8	9.0	91.8	19	1			0.08					4.4	373	373	11.2			0.08						4.0
824.6	834.6	10.0	3.6	36.0	7	13			0.09					3.4	374	374	34.8			0.11	0.01					4.9
834.6	846.7	12.1	10.0	82.6	21	4	0	012	0.09		0.007	None	None	3.5	375	375	45.9			0.10	0.04	0.007	TR	None	5.1	
846.7	857.2	10.5	7.1	67.6	14	12			0.07					3.2	376	376	31.5			0.06						3.7
857.2	867.4	10.2	2.1	20.5	4	3			0.05					3.9	377	377	25.9			0.08						3.8
867.4	877.4	10.0	6.1	61.0	12	12			0.07					3.2	378	378	35.9			0.05						2.7
877.4	884.9	7.5	2.0	26.6	3	8			0.03					3.3	379	379	29.5			0.06						3.2
884.9	890.5	5.6	2.6	46.4	5	6	0	016	0.09		0.007	None	None	3.2	380	380	12.8			0.08						2.8
890.5	895.1	4.6	2.9	63.0	5	12			0.08					2.9	381	381	26.7			0.06						3.8
895.1	905.6	10.5	5.5	52.3	11	8			0.05					2.7	382	382	26.2			0.06						4.4
905.6	915.0	9.4	5.0	53.1	11	3			0.05					2.8	383	383	19.8			0.05						4.1
915.0	925.6	10.6	5.0	47.1	11	4			0.10	0.04				4.2	384	384	36.5			0.06						4.7
925.6	935.8	10.2	4.4	43.1	9	0	0	016	0.07		0.007	TR	None	3.4	385	385	24.8			0.07		0.004	TR	None	4.5	
935.8	945.0	9.2	6.4	69.5	13	3			0.12	None				4.0	386	386	31.9			0.10	0.02					4.9
945.0	956.0	11.0	4.1	37.2	8	0			0.09					3.5	387	387	40.4			0.09						5.6
956.0	966.5	10.5	6.3	60.0	12	15			0.25	None				3.8	388	388	31.3			0.19	0.07					6.2

Mo 8.4

Core 0.11 Core 15.2.3

Core 0.05 668.8

Core 10.7.07

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DDH NO. G-7

STATE ARIZONA MINING DISTRICT LONE STAR COORDINATES 23,274.2 N. 23,437.2 E DATE STARTED 8/16/56 DRILLING CO.
COUNTY GRAHAM PROJECT SAFFORD COLLAR ELEVATION 4643 4600 DATE COMPLETED 9/21/57 MECHANICK
INCLINATION 90° BEARING — FINAL DEPTH 1533.7

FOOTAGE		UNALT	CHLOR.	EPIDOTE	MONTMOR.	BIOTITE	KAOL.	HY. MICA.	ORTHO.	SER.	SIL.	STAGE NO.	ROCK TYPE	SECTION	CU/FES2	CUFES2	Fe S2	CU2S	CUS	MOS2	OXIDE ZONE: LEACHED CAVITIES-COLOR ETC. / SULPHIDE ZONE-CHAR OF MIN. DISS. VEIN, ETC.	< INCL.	FRACTURING	GEOLOGY	LOG BY
483.0	493.0						1					3	Rhyolite (F)								Hem as blebs & lin specks fac are bleached lite red + contain lots of Kaol	30°	weak to absent	Porose w/ strong sub-matrix, frags to ¾" w/ fair - good Sec texture	
493.0	503.4	1										3	"										Weak coarse	@ 494-497 ½" Hem-limonite vn (3°) Same as above lite grey anual pas of Silic leaders about 3 sets ½-1½" @ 533½ 1" limonite vein 50°	
503.4	542.0	1										3	"											Same grad lite grey sarkasic texture less fracturing + mineral	
542.0	554.0											3	"											@ 545-547½" ½" Hem vn 3° - same as above but red color	
554.0	677.3											3	"											Same as above fracturing more abdt + more vn mat'l (Hem)	
677.3	700.0											3	"									5-10%	Low - fair	In narrow ZTs pas Hem (3%) Fractures abdt blebs Hem. to 5 same	
700.0	714.9											3	"												
	715.0									2-3												30-40%	Fair	lite Pink unit more strongly altered - qtz-sericite - abdt disc hematite + lim	
715.0	722.2			1								3	"											lite grey - Hem stained w/ grd - abdt blebs hem + stain to 717.0' some bedding 720-720 1" Hem assoc w/ vn @ 40° also at 721-722 abdt blebs of specks to	
722.2	723.5											3	"								Cal in veinlets			Native Cu + Cu grn + hematite veins ½-1½°	
723.5	726.8											3	"								disseminated		Low	Same as 722.2' - more abdt fracturing + abdt blebs	
726.8	729.0									2-3		3	"				1							Same - hem as fract + also Fract filling qtz + FeS2 - Hem stain abdt blebs Rx is well altered - brecciated qtz	
729.0	729.4									2-3		3	"										"	Same - except all sulfides bleached - abdt 4% Med-low hem stain	
729.4	791.0									3		3	"			1	2	2			Cu2S mainly in grains in veinlets			Abdt ½ increment of Cu2S - chalcopyrite by chalcocite - fine bleached centers same but abdt 1% chalcocite blebs - weak red color	
791.0	792.0																								
792.0	805.1									3		3	"			1-2	2	2-3			as above			Abdt 5% grd chalcocite - also incompletely oxidized grains of chalcopyrite + pyrite - abdt 1½% in stages - stringy Sx cocite veinlets	
																						30°	Low		
805.1	834.0									3		3	"			-	5	2-3				30°	weak	abdt 2% grd pyrite with thin coating of chalcocite mostly chalcocite also some stages ½" - pyrite + thin chalcocite. Rx strongly bl'd + some red zones of red Fe abdt ½% disseminations are pervasive + L.C. zone both oxidized + leached. Texture good.	
834.0	844.0									3		3	"				3	1-2			chalcocite ? abdt disseminated pyr. & black mineral also equally abdt hematite blebs	0-30	weak	Same except chalcocite less abdt than above - Black mineral may not be chalcocite - appears softer very fine grd - abdt brown-red blebs scatt pyrite. Rx is apparently crushed + recemented mostly - qtz stgs abdt 1% Fractured. Few ½-1" Fx Stages - Red + brown bl'd zones alternate with bluish grey ones on 10" - 12" sections. Red stained zones weak limonite FeS2 + black mineral + blebs mineral which usually is thinly coating FeS2.	
844.0	890.5									3		3	"				3	½			Same		Same	Same but black mineral decreasing in amount with depth	
890.5	899.1									2		3	"				3	1-2			"			Same but scatt black mineral	
899.1	983.0									2		3	"				3	1-2			"		Same	Same Rx type but zones of Red staining with abdt leached cavities alternate with lite grey - white bl'd zones containing abdt fine grained disseminated pyrite thinly coated with black mineral fairly abdt	

EXHIBIT H

DDH NO. G-7

STATE Arizona MINING DISTRICT Lone Star COORDINATES 23,274 N 23,433 E DATE STARTED 6/16/56 DRILLING CO.
COUNTY Graham PROJECT Safford INCLINATION 90° BEARING — FINAL DEPTH 1533.3 DATE COMPLETED 3/31/57 McClintock

Core

FOOTAGE				Li		Ls		CORE % REC. BY FT.	CORE LOG. REC.	CORE % REC. BY WT.	CORE ASSAY TOT. CU.	CORE ASSAY OX CU	CORE ASSAY MO	CORE ASSAY Au	CORE ASSAY Ag	CORE ASSAY Fe	CORE ASSAY S	CORE SIZE	SLUDGE SAMP. NO.	SLUDGE SAMP. NO.	SLUDGE Troy Oz/Ton REC.	SLUDGE % REC. BY WT.	SLUDGE SPLIT	SLUDGE ASSAY TOT. CU.	SLUDGE ASSAY OX CU	SLUDGE ASSAY MO	SLUDGE ASSAY Au	SLUDGE ASSAY Ag	SLUDGE ASSAY Fe	SLUDGE ASSAY S	COMBINED ASSAY PERCENT 0.1 0.5 1.0	COMBINED ASSAY TOT. CU.
966	5	974	0	7	5	4	2	56	0	9	5					0.15	None														
974	0	983	0	9	0	4	6	51	1	9	4	0	0.017		0.09		0.010	Tr	None	5.7			389	389	25	5		0.15	0.04						5.5
983	0	993	0	10	0	3	0	30	0	4	8				0.12	None				9.0			390	390	32	0		0.11	0.04	0.009	0.005	None			6.7
993	0	1003	0	10	0	2	7	27	0	2	1									4.5			391	391	21	5		0.12	0.07						6.2
1003	0	1012	0	9	0	2	0	23	2	2	0				0.05					4.9			392	392	30	0		0.23	0.12						7.1
1012	0	1022	0	10	0	3	0	30	0	4	0				0.23	None				2.9			393	393	48	75		0.06							6.7
1022	0	1027	0	5	0	No	Core																394	394	56	0		0.12	0.04						7.1
1027	0	1037	0	10	0	5	4	54	0	7	2				0.09					5.24			No Core	395	57	0		0.14	0.04	0.008	Tr	None			7.8
1037	0	1046	0	9	3	5	0	53	7	7	4				0.07					4.4			396	396	39	5		0.13	0.03						7.3
1046	0	1056	0	10	0	3	9	39	0	5	0				0.13	0.01	trace			4.6			397	397	64	05		0.12	0.03						6.9
1056	0	1066	0	10	0	4	2	42	0	5	5				0.07					4.2			398	398	32	5		0.15							8.0
1066	0	1076	0	10	0	4	6	46	0	5	0	0	0.013		0.06		0.008	Tr	None	4.9			399	399	56	34		0.13	0.04						6.7
1076	0	1086	0	10	0	8	0	80	0	11	1				0.24	0.05				5.7			400	400	59	3		0.16	0.07	0.007	Tr	None			6.5
1086	0	1096	0	10	0	10	0	100	0	13	12				0.28	0.06				5.9			501	501	68	1		0.15	0.05						6.4
1096	0	1106	0	10	0	8	0	80	0	14	6				0.42	0.04				4.8			502	502	76	5		0.12	0.06						6.1
1106	0	1116	0	10	0	9	0	90	0	12	0				0.43	0.03				5.8			503	503	64	2		0.17	0.03						5.9
1116	0	1126	0	10	0	10	0	100	0	11	2	1	0.12		3.39	0.01	0.007	0.022	0.05	5.8			504	504	77	8		0.18	0.04						6.4
1126	0	1136	0	10	0	8	0	80	0	14	6				0.49	0.02				6.0			505	505	39	9		0.18	0.02	0.004	Tr	None			6.3
1136	0	1146	0	10	0	10	0	100	0	11	3				0.40	0.02				5.7			506	506	16	4		0.22	0.02						6.2
1146	0	1147	0	1	0	0	8	80	0		9				0.21					4.8			507	507	50	6		0.19	0.05						5.8
1147	0	1156	0	9	0	3	4	37	7	5	0				0.18					5.3		A	508	508	6	3		0.20	0.07						6.5
1156	0	1166	0	10	0	4	5	45	0	4	12	0	0.015		0.21		0.003	Tr	0.10	4.9			509	509	6	7		0.16	0.07						6.6
1166	0	1176	0	10	0	5	6	56	0	5	9				0.27					4.5			510	510	8	2		0.18							6.7
1176	0	1186	0	8	0	1	9	21	1	1	12				0.14					4.2			511	511	6	3		0.22							
1186	0	1196	0	10	0	3	1	31	0	2	8				0.20					6.8			512	512	9	9		0.27							6.9
1196	0	1206	0	10	0	4	7	47	0	5	5				0.18					15.1			513	513	6	1		0.25							8.5
1205	3	1215	3	10	0	2	2	22	0	2	12	2	0.03		0.08		0.002	Tr	0.15	8.6			514	514	17	3		0.14							
1215	3	1225	3	8	0	2	6	25	0	1	15				0.33					11.5			515	515	31	4		0.23		0.005	Tr	None			
1225	3	1229	3	4	0	2	0	33	3	2	7				0.22					6.4			516	516	23	9		0.19							
1229	3	1237	3	8	0	1	0	12	5	1	0				0.38					5.0			517	517	11	8		0.19							
1237	3	1241	3	4	0	0	9	22	5		11				0.36					7.9			518	518	10	1		0.20							
1241	3	1243	3	2	5	2	5	100	0	2	8	0	0.005		0.30		0.003	Tr	0.15	7.2			519	519	6	7		0.23							
1243	3	1254	3	10	5	3	3	31	6	6	12				0.19					12.3			520	520	2	3		0.33		0.002	Tr	0.10	-		
1254	3	1264	3	10	0	0	6	6	0		8				0.05					8.1			521	521	13	6		0.19							
1264	3	1274	3	10	0	5	7	57	0	6	4				0.29					7.4			522	522	17	5		0.16							
1274	3	1282	3	8	0	2	9	36	2	3	7				0.27					5.9			523	523	28	1		0.17							
1282	3	1296	3	10	0	9	0	90	0	9	12	0	0.03		0.22		0.001	Tr	Tr	6.3			524	524	35	5		0.16							
1296	3	1305	3	9	0	5	0	62	5	5	2				0.23					7.2			525	525	44	9		0.13		0.002	Tr	None	6.4		
1305	3	1315	3	5	0	3	5	70	0	4	5				0.20					6.8			526	526	27	3		0.12							
1315	3	1323	3	3	0	1	0	33	5	0	13				0.16					4.6			527	527	28	7		0.15							
1323	3	1333	3	5	0	1	5	30	0	1	0				0.30					4.7			528	528	4	3		0.15							
1333	3	1343	3	10	0	3	0	30	0	3	0	0	0.010		0.21		0.006	Tr	Tr	7.8			529	529	25	6		0.15							
1343	3	1353	3	10	0	10	0	100	0	13	1				0.24					6.1			530	530	17	9		0.12		0.002	Tr	None	Tr		
1353	3	1363	3	10	0	1	4	14	0	1	5				0.25					4.9			531	531	23	7		0.11							
1363	3	1375	3	12	0	1	7	58	0	1	6				6.44					4.6			532	532	26	6		0.24							
1375	3	1385	3	2	0	1	7	58	0	1	6				6.44					5.1			533	533	10	5		0.25							
1385	3	1395	3	2	5	3	0	37	5	3	2				6.18								534	534	33	2		0.18							
1395	3	1405	3	10	1	2	5	28	0	3	4	0	0.013		0.25		0.008	Tr	Nil		0.05		535	535	21	6		0.14		0.001	Tr	None	6.4		
1405	3	1415	3	10	0	6	0	100	0	5	4				0.38					1.92			536												
1415	3	1430	3	11	0	8	5	71	3	9	4				0.35					2.13			537	537	11	2		0.25							
1430	3	1440	3	10	0	9	0	90	0	11	12				0.36					1.72			538	538	11	1		0.36							
1440	3	1455	3	5	0	4	1	82	0	4	12				0.27					2.59			539	539	9	7		0.28							
1455	3	1463	3	5	0	3	8	76	0			0	0.000		0.31		0.006	Tr	Nil	1.97			540	540	3	3		0.24		0.003	Tr	Nil	0.05		
1463	3	1472	3	5	0	3	8	76	0						0.25					3.34			541	541	8	4		0.12							
1472	3	1482	3	5	0	3	8	82	5	7	7												542	542	28	1		0.27							

S.G. 2.75

DDH NO. G-7

STATE ARIZONA MINING DISTRICT LONE STAR COORDINATES 23 274.9 N 23 473.3 E DATE STARTED 8/16/56 DRILLING CO.
COUNTY GRAHAM PROJECT SAFFORD COLLAR ELEVATION ~~4600~~ 4600 DATE COMPLETED 9/21/57 MACDONALD
INCLINATION -90° BEARING - FINAL DEPTH 1533.3

FOOTAGE		UNALT	CHLOR.	EPIDOTE	MONTMOR.	BIOTITE	KAOL.	HY. MICA.	ORTHO.	SER.	SIL.	STAGE NO.	ROCK TYPE	SECTION	CuFeS2	CuFeS2	Fe Ss	CuSS	CuS	MoS2	OXIDES ZONE: LEACHED CAVITIES-COLOR ETC. / SULPHIDE ZONE-CHAR OF MIN. DISS. VEIN, ETC.	< INCL.	FRACTURING	GEOLOGY	LOG BY
983.0	1027.5		1							2-4	1		Andesite TUFF				1-2	1			oxidized strips variable	steeq - irreg	Altd green sericitized diorite - adit to stope exposed vein in roof from Sulfides more than 1/2". Some irregular stringers to 1/2" in vein with diorite - sericite. Grades to 1-2% h.c. replaceable pyrite - some black mineral. Dark reddish purple fresher diorite with adit stope magnetite	
1027.5	1038.0		5							3-4	1		"				1						Mild green recrystallized diorite as 983.0 - 1027.5 - no visible FeS2 or black mineral - all veinlets fox + sericite	
1036.0	1040.3		3							"			"				1-2	1	1		" " "			
1040.3	1075.3		3-4							3	1		"				0-1				fine narrow fox + clay veinlets	vert 0-35°	Very strong	Same - Fine grid green to - dark fox + clay veinlets (1/2" spacing) very altered + strongly sericitized also - few 2 cm wide k-p - 1-2% FeS2 in stope
1075.3	1086.3		2-4							2	1		"		1	1-2	1	1			grayish/yellow clays + fox veinlets - diss + qtz - limonite (coatings)	30-35°	med	Core more massive - 1077.6 on 30-35° veinlets FeS2 + chalcocite adult - Rx strongly altd around veinlets + fractured - chalcocite in discon + undulating faults strongly weathered grey rather massive. Altd + bleached to low diss sulfides - FeS2 + some chalcocite
1086.3	Core 1146		2-4							3	1		"								diss + clay lined - visible chalcocite in FeS2 - qtz veins also some CuS	30° 35°	med.	Same - Fewer stopes + less sulfide content - many qtz veins continue containing limonite in leached cavities within fresh pyrite. Rx bands faintly fine grid porphyritic texture - minute feldspar crystals in fine grid groundmass.
1146	1165.0															1	1-2	1						Same Rx type - hematite stain on stope qtz
1165.0	1195.0																1-2						strong	Same Rx type but core ground in small fragments " " " with 1/2" FeS2 - qtz channels 1/2 more sulfides at core.
1195.0	1220.0																1-2						"	Groundcore same as 1165.0 - 1195.0 - Same 1/2" fragments of FeS2 vein.
1220.0	1223.3																1-2						"	Same as 1146.3 - 1165.0
1223.3	1231.0																1-2						"	qtz - FeS2 vein massive sd Sulf
1231.0	1254.3																4						"	Same green-grey Diorite but adult late stage 1/2" to 1/2" (qtz - FeS2 - hem.) no visible cu. Also purple dense fine grained to dk
1254.3	1332.4																2-3						"	
1332.4	1352.9		3													1	2-3				Pyrite stringers 1/8"-		1343'36° 1348'55. 1354'53°. Strong fx	Same rock. Fracturing strong. Overall sulfide low py > cpy.
1352.9	1369.0		3							1-2	1		"			1	2				Pyrite-chalcopyrite diss + in qtz veins up to 1/8" in width			Dense, green black, non-porphyritic, extremely fine grained andesite. Probably fld-chlorite and talc lds surfaces on many fractures. Pyrite + chalcopyrite diss and in qtz veins. Sulfide massive.
1369.0	1395.0		3				2-3			2-3	3		"			1	3				Pyrite diss + in qtz stringers. V. minor chalcopyrite		numerous fractures qtz-pyrite all orientations main ones 5-10°, 30°, vert	Same Rock with numerous qtz-pyrite stringers. Matrix altered to chlorite. Feldspars in most places altered to qtz-sericite and clay(?). Most fractures have talc like surface - maybe clay (montmorillonite) In few places rock bleached grey-white (kaolin, sericite + qtz?)
1395.0	1411.2		3							1-2	2		"			1	4				Pyrite chalcopyrite diss + in stringers		main qtz-pyrite veins 30° 1404 - 20°	Same Rock with pyrite diss + in qtz stringers. Maximum width of stringers 1/8". Rock green black in color + from talc like (clay?) on most fractures. Last main pyrite/chalcopyrite and pyrite 1-3% of rock
1411.2	1449.2						1-2			3	3		Pyrite massive			1	91				Pyrite, chalcopy diss + in stringers Pyrite massive			Probably same Rock but bleached light grey + contains altered feldspars up to 1/8". Pyrite + minor chalcopyrite diss + in stringers. 1417.6 - 1418.4 massive pyrite (minor chalcopy) forms 60% of rock. Over distance pyrite 1-3% up and

EXHIBIT H

DDH NO. G-7

STATE Arizona MINING DISTRICT Lone Star COORDINATES 23,274 E N 23,433 E DATE STARTED 8/16/56 DRILLING CO.
COUNTY Graham PROJECT Softland COLLAR ELEVATION 4600 DATE COMPLETED 9/21/57 McClintock
INCLINATION 90° BEARING — FINAL DEPTH 1537.3

FOOTAGE				L1		L2		CORE % REC. BY FT.	CORE LBS. REC.	CORE % REC. BY WT. (MnS2)	CORE ASSAY TOT. CU.	CORE ASSAY OX CU	CORE ASSAY MO	CORE ASSAY Au	CORE ASSAY Ag	CORE ASSAY S	CORE ASSAY SG	CORE SIZE	SLUDGE SAMP. NO.	SLUDGE SAMP. NO.	SLUDGE OZ/TON REC.	SLUDGE % REC. BY WT.	SLUDGE SPLIT	SLUDGE ASSAY TOT. CU.	SLUDGE ASSAY OX CU	SLUDGE ASSAY MO	SLUDGE ASSAY Au	SLUDGE ASSAY Ag	SLUDGE ASSAY S	COMBINED ASSAY PERCENT 0.1 0.5 1.0	COMBINED ASSAY TOT. CU
1411.	2	1418.	2	2	0	1	1	55	0	1 4	0.22					1.81	2.17		543	543	5 7			0.21							
1418.3	2	1428.	2	3	0	2	7	92	0	3 0	0.27					2.68	2.42		544	544	10 3			0 28							
1428.	2	1438	2	6	0	3	0	50	0	0.007	0.11		0.004	Tr	Nil	3.39	2.60		545	545	20 6			0.18		0.003	Tr	Nil	4.10		
1438.	2	1448	2	7	0	1	5	18	6		0.31					1.57	2.57		546	546	13 6			0 20							
1448.	2	1458.	2	10	0	0	8	8	0		0.21					1.69	2.66		547	547	32 3			0.19							
1458.	2	1468	2	10	0	3	4	18	0		0.17					3.20	2.64		548	548	53 9			0.18							
1468.	2	1478.	3	10	1	10	0	99	0		0.22					1.36	2.70		549	549	93 8			0 22							
1478.	3	1488.	3	10	0	8	4	84	0	0 0.022	0.22		0.013	Tr	Nil	2.58	2.75		550	550	63.0			0.20		0.006	0.005	Nil	1.84		
1488.	3	1498.	3	5	0	3	6	72	0		0.20					1.51	2.77		551	551	25 6			0.17							
1498.	3	1508.	3	10	2	1.	3	12	7		0.33					1.42	2.40		552	552	54 8			0 20							
1508.	3	1518.	3	9	10	6	5	65	0		0.12					0.96	2.67		553	553	12 9			0.17							
1518.	3	1528.	3	10	0	1.	3	13	0		0.19					0.61	2.57		554	554	35 9			0 14							
1528.	3	1538.	3	5	0	4	0	80	0	0 0.005	0.19		0.003	Tr	Nil	0.76	2.75		555	555	8 2			0.18		0.003	Tr	Nil	1.05		
1538.	3	1548.	3	10	0	4	0	40	0		0.23					3.31	2.71		556	556	14 1			0.16							
1548.	3	1558.	3	5	0	1.	2	24	0		0.19					1.85	2.60		557	557	10 5			0.17							
1558.	3	1568.	3	3	0	3	0	10	4		0.15					0.74			558	558	3. 8			0.12							
1568.	3	1578.	3	6	0					NO CORE									559	559	14 5			0.13							

Assay Summaries

0	0	10%	3	0	3			(Mn)	0		0.20																			
10%	3	1116	3	5	0			(Mn)	0	0.012	0.43	0.02																		
1116	3	1126	3	10	0			(Mn)	0		0																			
0	0	1126	3	2	0				0		0																			
1126	3	1537	3	10	0				0		0																			

DDH NO. G-7

STATE Arizona MINING DISTRICT Lone Star COORDINATES 23,274.9 N 23,433.9 E DATE STARTED 8/16/56 DRILLING CO.
COUNTY Graham PROJECT Safford COLLAR ELEVATION 4600 DATE COMPLETED 3/21/57 McClintock
INCLINATION 90° BEARING — FINAL DEPTH 1533.3

FOOTAGE				UNALT	CALOR.	EPIDOTE	MONTMOR.	BIOTITE	KAOL.	HY. MICA.	ORTHO.	SER.	SIL.	STAGE NO.	ROCK TYPE	SECTION	CUSFES4	CUFES2	FES2	CU2S	CUS	MOS2	OXIDE ZONE: LEACHED CAVITIES-COLOR ETC. / SULPHIDE ZONE-CHAR OF MIN. DISS. VEIN, ETC.	< INCL.	FRACTURING	GEOLOGY	LOG BY
1448	2	1479	3		3							1-2	2					1	4				Pyrite minor chalcopy diss & in stringers			Same as 1395.0 - 1411.2	
1474	3	1527	3		3							2-3	3					1-2	4				Pyrite & chalcopy diss & in qtz stringers			Same. Rock bleached light gray 1510-1511 3/4" qtz-pyrite vein at approx 1512. Minor calcite on some fractures. Pyrite 2% of Rx.	
																									1505 - 40°		
																									1509.6 - 50°		
																									1512 - 30°		